

Table 1. Total Energy Supply and Disposition Summary (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Production																										
Crude Oil & Lease Condensate	13.71	13.57	13.54	13.42	13.27	13.10	12.97	12.88	12.79	12.71	12.63	12.54	12.44	12.32	12.19	12.04	11.89	11.73	11.52	11.33	11.14	10.96	10.79	10.63	10.46	-1.1%
Natural Gas Plant Liquids	2.46	2.50	2.37	2.35	2.32	2.31	2.37	2.42	2.47	2.56	2.62	2.77	2.83	2.90	2.99	3.05	3.31	3.22	3.30	3.54	3.40	3.44	3.47	3.68	3.50	1.5%
Dry Natural Gas	19.55	18.88	19.28	20.54	20.28	20.16	20.65	21.00	21.54	22.26	22.75	23.99	24.45	25.01	25.70	26.20	26.84	27.55	28.20	28.67	29.01	29.29	29.51	29.73	29.78	1.8%
Coal	22.64	23.13	23.94	24.23	24.33	24.55	24.61	24.64	24.61	23.04	21.17	19.62	18.01	17.74	16.90	16.32	15.54	14.77	14.09	13.54	13.13	12.85	12.46	12.16	11.90	-2.6%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.45	7.38	7.30	7.22	7.13	7.06	7.03	6.90	6.67	6.61	6.42	6.30	6.06	5.97	5.71	5.59	5.59	5.63	-1.0%
Renewable Energy 1/	6.83	6.92	6.62	6.70	6.77	6.82	6.88	6.92	6.96	7.17	7.21	7.30	7.41	7.47	7.58	7.74	7.95	8.05	8.19	8.35	8.56	8.78	8.99	9.20	9.39	1.3%
Other 2/	1.33	0.99	1.14	0.50	0.53	0.54	0.55	0.56	0.56	0.57	0.54	0.56	0.58	0.58	0.57	0.51	0.55	0.57	0.60	0.62	0.62	0.62	0.65	0.67	0.65	-2.9%
Total	73.73	72.87	73.88	74.99	74.80	74.83	75.44	75.86	76.32	75.61	74.14	73.91	72.78	73.06	72.83	72.53	72.68	72.30	72.20	72.11	71.85	71.64	71.46	71.65	71.32	-0.1%
Imports																										
Crude Oil 3/	16.30	17.17	17.46	19.29	19.47	20.27	20.81	21.06	21.37	21.44	21.55	21.66	21.79	21.89	22.03	22.43	22.64	22.96	23.13	23.28	23.56	23.77	23.97	24.19	24.65	1.7%
Petroleum Products 4/	3.98	4.21	4.41	4.21	4.73	4.89	4.96	5.17	5.46	5.49	5.79	5.41	5.56	5.80	5.86	6.13	6.30	6.41	6.67	6.88	6.92	7.20	7.33	7.41	7.53	2.7%
Natural Gas	2.93	3.25	3.44	3.91	4.13	4.58	4.61	4.68	4.77	4.87	4.95	5.02	5.16	5.24	5.29	5.43	5.55	5.66	5.75	5.83	5.90	5.92	5.95	5.96	5.97	3.0%
Other Imports 5/	0.57	0.63	0.60	0.54	1.05	1.05	1.06	1.02	1.08	0.52	0.44	0.43	0.42	0.44	0.44	0.45	0.46	0.45	0.45	0.45	0.45	0.46	0.47	0.48	0.48	-0.7%
Total	23.78	25.26	25.91	27.96	29.38	30.80	31.45	31.93	32.68	32.33	32.72	32.53	32.93	33.36	33.61	34.44	34.94	35.48	35.99	36.43	36.84	37.35	37.71	38.04	38.63	2.0%
Exports																										
Petroleum 6/	2.04	1.98	1.94	1.97	2.00	2.07	2.03	2.02	2.08	1.99	2.08	1.96	1.99	2.00	1.86	1.93	1.88	1.90	1.76	1.70	1.62	1.61	1.60	1.59	1.65	-0.9%
Natural Gas	0.16	0.15	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	-0.5%
Coal	2.37	2.24	2.25	2.26	2.27	2.29	2.30	2.29	2.28	2.27	2.26	2.27	2.29	2.28	2.28	2.27	2.27	2.29	2.30	2.31	2.32	2.33	2.35	2.36	2.37	0.0%
Total	4.57	4.37	4.35	4.39	4.43	4.50	4.48	4.46	4.51	4.41	4.49	4.37	4.43	4.42	4.28	4.34	4.30	4.32	4.19	4.15	4.08	4.08	4.09	4.09	4.16	-0.4%
Discrepancy 7/	0.82	0.36	0.91	-0.08	-0.05	-0.06	-0.13	-0.12	-0.10	-0.20	0.19	-0.31	0.09	-0.38	-0.31	-0.35	-0.39	-0.19	-0.16	-0.33	-0.19	-0.11	-0.11	-0.34	-0.18	N/A
Consumption																										
Petroleum Products 8/	36.01	36.75	36.94	37.84	38.35	39.05	39.57	40.01	40.51	40.71	40.96	40.85	41.05	41.35	41.64	42.03	42.41	42.81	43.29	43.62	43.84	44.19	44.39	44.60	44.87	0.9%
Natural Gas	22.43	22.04	23.30	24.17	24.13	24.49	25.01	25.42	26.05	26.86	27.42	28.75	29.32	29.96	30.65	31.29	32.05	32.87	33.60	34.16	34.57	34.86	35.11	35.35	35.40	1.9%
Coal	20.90	21.17	22.14	22.25	22.36	22.57	22.60	22.64	22.63	20.97	19.52	17.46	16.28	15.53	14.81	14.27	13.65	12.87	12.20	11.62	11.21	10.98	10.60	10.23	10.02	-3.0%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.45	7.38	7.30	7.22	7.13	7.06	7.03	6.90	6.67	6.61	6.42	6.30	6.06	5.97	5.71	5.59	5.59	5.63	-1.0%
Renewable Energy 1/	6.84	6.93	6.63	6.70	6.77	6.82	6.89	6.93	6.97	7.18	7.23	7.32	7.43	7.50	7.61	7.77	7.97	8.07	8.22	8.38	8.59	8.81	9.03	9.23	9.43	1.3%
Other 9/	0.39	0.36	0.34	0.27	0.78	0.78	0.80	0.77	0.84	0.30	0.23	0.24	0.23	0.25	0.25	0.25	0.25	0.24	0.23	0.23	0.23	0.24	0.25	0.25	0.26	-1.7%
Total	93.77	94.13	96.35	98.48	99.70	101.07	102.28	103.22	104.39	103.32	102.57	101.75	101.36	101.62	101.86	102.28	102.94	103.27	103.83	104.07	104.42	104.79	104.98	105.25	105.61	0.5%
Net Imports - Petroleum	18.25	19.41	19.92	21.53	22.20	23.10	23.74	24.21	24.75	24.94	25.26	25.11	25.35	25.68	26.03	26.63	27.06	27.47	28.04	28.45	28.87	29.36	29.69	30.01	30.53	2.2%
Prices (1996 dollars per unit)																										
World Oil Price (\$ per bbl) 10/	20.48	18.16	17.98	18.49	19.00	19.25	19.41	19.70	19.91	20.04	19.91	19.77	19.58	19.36	19.15	18.93	18.98	19.11	19.23	19.35	19.46	19.55	19.63	19.71	19.81	-0.1%
Gas Wellhead Price (\$ / Mcf) 11/	2.24	2.26	2.11	2.14	2.13	2.11	2.12	2.13	2.15	2.19	2.24	2.34	2.43	2.51	2.62	2.73	2.84	2.95	3.06	3.15	3.24	3.31	3.38	3.45	3.50	1.9%
Coal Minemouth Price (\$ / ton)	18.50	18.19	17.58	17.20	16.86	16.24	16.01	15.81	15.62	15.78	15.89	16.09	16.18	15.92	15.81	15.70	15.57	15.47	15.45	15.58	15.57	15.61	15.64	15.65	15.51	-0.7%
Aver. Electricity (cents / Kwh)	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.9	7.4	7.9	8.2	8.1	8.2	8.1	8.0	8.1	7.9	7.9	7.9	7.8	7.8	7.8	7.8	0.5%

Table 1. Total Energy Supply and Disposition Summary Notes

1/ Includes grid-connected electricity from conventional hydroelectric; wood and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table 18 for selected nonmarketed residential and commercial renewable energy.

2/ Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

3/ Includes imports of crude oil for the Strategic Petroleum Reserve.

4/ Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

5/ Includes coal, coal coke (net), and electricity (net).

6/ Includes crude oil and petroleum products.

7/ Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.

8/ Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum based liquids for blending, such as ethanol.

9/ Includes net electricity imports, methanol, and liquid hydrogen.

10/ Average refiner acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 may differ from published data due to internal conversion factors.

Sources: 1996 natural gas values: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC). 1996 coal minemouth price: EIA, Coal Industry Annual 1996 DOE/EIA-0584(96) (Washington, DC, November 1997). Coal production and exports derived from: EIA, Monthly Energy Review, DOE/EIA-0035(97/08) (Washington, DC, August 1997). Other 1996 values: EIA, Annual Energy Review 1996, DOE/EIA-0384(96) (Washington, DC, July 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Energy Consumption																										
Residential																										
Distillate Fuel	0.89	0.88	0.88	0.85	0.84	0.83	0.81	0.80	0.79	0.75	0.73	0.71	0.69	0.68	0.67	0.66	0.65	0.64	0.64	0.63	0.62	0.62	0.61	0.60	0.60	-1.7%
Kerosene	0.08	0.09	0.07	0.08	0.07	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-1.3%
Liquefied Petroleum Gas	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.4%
Petroleum Subtotal	1.40	1.39	1.38	1.36	1.34	1.33	1.32	1.30	1.29	1.25	1.23	1.20	1.19	1.18	1.17	1.16	1.16	1.15	1.15	1.14	1.14	1.14	1.13	1.12	1.12	-0.9%
Natural Gas	5.39	5.06	5.26	5.36	5.41	5.40	5.45	5.47	5.52	5.35	5.29	5.20	5.17	5.16	5.15	5.15	5.18	5.16	5.20	5.18	5.20	5.19	5.19	5.22	5.22	-0.1%
Coal	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	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	0.04	0.04	-1.2%
Renewable Energy 1/ Electricity	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.2%
Delivered Energy	3.68	3.61	3.80	3.86	3.99	4.10	4.16	4.21	4.29	4.21	4.17	4.17	4.19	4.23	4.27	4.32	4.40	4.44	4.51	4.57	4.65	4.69	4.75	4.81	4.88	1.2%
Electricity Related Losses	8.21	7.88	8.30	8.43	8.68	8.86	8.91	8.96	9.02	8.63	8.35	8.12	7.94	7.82	7.71	7.61	7.58	7.46	7.41	7.38	7.42	7.43	7.47	7.52	7.60	-0.3%
Total	19.34	18.60	19.42	19.67	20.08	20.36	20.49	20.61	20.78	20.11	19.69	19.34	19.14	19.04	18.95	18.91	18.97	18.88	18.93	18.94	19.08	19.13	19.21	19.32	19.50	0.0%
Commercial																										
Distillate Fuel	0.44	0.44	0.41	0.41	0.41	0.40	0.40	0.40	0.39	0.37	0.36	0.35	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.32	0.32	0.32	-1.3%
Residual Fuel	0.15	0.15	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-1.0%
Kerosene	0.03	0.03	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-0.3%
Liquefied Petroleum Gas	0.08	0.08	0.08	0.08	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	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.7%
Motor Gasoline 2/ Petroleum Subtotal	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	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-0.3%
Natural Gas	0.71	0.72	0.65	0.65	0.65	0.65	0.65	0.64	0.64	0.62	0.61	0.60	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.58	0.58	0.58	0.58	0.58	0.57	-0.9%
Coal	3.30	3.27	3.41	3.45	3.48	3.51	3.54	3.57	3.61	3.51	3.46	3.39	3.36	3.37	3.36	3.37	3.37	3.36	3.39	3.38	3.37	3.39	3.38	3.37	3.37	0.1%
Renewable Energy 3/ Electricity	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.2%
Delivered Energy	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1%
Electricity Related Losses	3.37	3.41	3.51	3.59	3.65	3.70	3.75	3.80	3.86	3.80	3.74	3.71	3.70	3.75	3.78	3.82	3.87	3.91	3.95	3.98	4.01	4.03	4.05	4.07	4.08	0.8%
Total	7.47	7.49	7.66	7.78	7.87	7.94	8.03	8.11	8.20	8.02	7.90	7.79	7.74	7.80	7.82	7.86	7.91	7.94	8.01	8.03	8.06	8.09	8.10	8.10	8.12	0.4%
Electricity Related Losses	7.52	7.43	7.66	7.85	7.94	7.99	8.04	8.09	8.12	7.78	7.48	7.24	7.03	6.94	6.82	6.72	6.66	6.56	6.49	6.42	6.41	6.40	6.37	6.37	6.35	-0.7%
Total	14.98	14.92	15.32	15.63	15.81	15.94	16.07	16.20	16.32	15.80	15.38	15.03	14.76	14.73	14.64	14.58	14.57	14.50	14.49	14.45	14.47	14.49	14.47	14.47	14.48	-0.1%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Industrial 4/																										
Distillate Fuel	1.17	1.18	1.17	1.19	1.20	1.23	1.26	1.28	1.31	1.33	1.34	1.36	1.38	1.39	1.42	1.44	1.46	1.48	1.50	1.51	1.52	1.53	1.53	1.54	1.54	1.2%
Liquefied Petroleum Gas	2.12	2.14	2.13	2.12	2.15	2.19	2.21	2.23	2.25	2.27	2.29	2.30	2.32	2.35	2.38	2.41	2.43	2.45	2.46	2.46	2.47	2.47	2.47	2.47	2.47	0.6%
Petrochemical Feedstocks	1.28	1.29	1.28	1.29	1.31	1.33	1.35	1.36	1.37	1.38	1.38	1.39	1.39	1.41	1.42	1.43	1.44	1.45	1.46	1.46	1.46	1.46	1.45	1.45	1.45	0.5%
Residual Fuel	0.34	0.35	0.34	0.33	0.33	0.33	0.35	0.35	0.33	0.35	0.34	0.34	0.34	0.35	0.35	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.5%
Motor Gasoline 2/	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.1%
Other Petroleum 5/	4.12	4.17	4.17	4.31	4.38	4.43	4.46	4.47	4.50	4.52	4.56	4.49	4.54	4.58	4.62	4.67	4.71	4.82	4.92	5.01	5.00	5.07	5.07	5.11	5.20	1.0%
Petroleum Subtotal	9.23	9.31	9.29	9.44	9.57	9.71	9.84	9.90	9.98	10.06	10.14	10.10	10.20	10.31	10.41	10.55	10.66	10.82	10.97	11.07	11.07	11.15	11.16	11.21	11.30	0.8%
Natural Gas 6/	9.96	10.22	10.51	10.80	10.75	10.77	10.79	10.79	10.86	11.01	11.15	11.32	11.36	11.44	11.52	11.57	11.66	11.70	11.69	11.67	11.66	11.62	11.60	11.57	11.45	0.6%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.75	0.72	0.69	0.67	0.64	0.61	0.59	0.57	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.41	-3.0%
Steam Coal	1.55	1.51	1.54	1.55	1.56	1.59	1.62	1.65	1.67	1.40	1.25	1.15	1.12	1.13	1.14	1.16	1.18	1.19	1.23	1.23	1.25	1.27	1.27	1.27	1.30	-0.7%
Net Coal Coke Imports	0.00	0.10	0.10	0.11	0.11	0.12	0.14	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.29	0.30	0.31	0.32	0.32	0.33	N/A
Coal Subtotal	2.40	2.46	2.50	2.51	2.50	2.53	2.56	2.57	2.59	2.30	2.13	2.02	1.98	1.98	1.98	1.99	2.01	2.01	2.04	2.02	2.03	2.04	2.03	2.02	2.04	-0.7%
Renewable Energy 7/	1.82	1.89	1.90	1.93	1.96	1.99	2.02	2.05	2.08	2.11	2.13	2.15	2.17	2.20	2.24	2.27	2.30	2.33	2.36	2.37	2.38	2.38	2.39	2.39	2.39	1.1%
Electricity	3.46	3.54	3.58	3.67	3.70	3.78	3.86	3.91	3.98	3.98	3.96	3.93	3.93	3.96	3.99	4.05	4.09	4.14	4.16	4.17	4.17	4.18	4.17	4.18	4.19	0.8%
Delivered Energy	26.87	27.41	27.78	28.35	28.48	28.78	29.07	29.21	29.49	29.46	29.51	29.52	29.63	29.88	30.14	30.42	30.72	31.00	31.21	31.31	31.31	31.38	31.35	31.37	31.37	0.6%
Electricity Related Losses	7.72	7.71	7.82	8.02	8.06	8.18	8.27	8.32	8.37	8.16	7.92	7.66	7.45	7.33	7.21	7.12	7.05	6.95	6.84	6.73	6.66	6.63	6.56	6.53	6.51	-0.7%
Total	34.59	35.12	35.60	36.37	36.54	36.96	37.33	37.53	37.87	37.61	37.42	37.18	37.08	37.21	37.34	37.54	37.76	37.95	38.05	38.04	37.97	38.00	37.91	37.90	37.88	0.4%
Transportation																										
Distillate Fuel 8/	4.48	4.82	4.95	5.05	5.15	5.27	5.38	5.46	5.54	5.59	5.62	5.65	5.67	5.73	5.78	5.85	5.91	5.95	5.99	6.00	6.00	6.00	5.99	5.98	5.99	1.2%
Jet Fuel 9/	3.27	3.33	3.37	3.72	3.81	3.90	4.00	4.10	4.24	4.33	4.43	4.46	4.55	4.66	4.75	4.87	4.99	5.09	5.23	5.32	5.41	5.50	5.58	5.65	5.73	2.4%
Motor Gasoline 2/	14.94	15.18	15.47	15.73	15.95	16.21	16.44	16.64	16.83	16.93	16.96	16.92	16.88	16.87	16.90	16.95	17.03	17.11	17.24	17.35	17.42	17.55	17.63	17.69	17.75	0.7%
Residual Fuel	0.90	0.86	0.88	0.91	0.94	0.97	1.00	1.03	1.06	1.10	1.13	1.16	1.19	1.23	1.26	1.30	1.33	1.36	1.40	1.42	1.45	1.48	1.51	1.53	1.56	2.3%
Liquefied Petroleum Gas	0.04	0.04	0.04	0.05	0.05	0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	8.5%
Other Petroleum 10/	0.29	0.29	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	1.0%
Petroleum Subtotal	23.92	24.51	25.00	25.75	26.21	26.72	27.21	27.64	28.11	28.41	28.62	28.67	28.80	29.00	29.23	29.50	29.82	30.09	30.44	30.68	30.88	31.14	31.32	31.47	31.65	1.2%
Pipeline Fuel Natural Gas	0.73	0.76	0.77	0.80	0.76	0.75	0.77	0.77	0.78	0.82	0.83	0.86	0.87	0.90	0.91	0.94	0.96	0.99	1.02	1.04	1.07	1.07	1.08	1.08	1.09	1.7%
Compressed Natural Gas	0.01	0.02	0.02	0.04	0.06	0.08	0.11	0.13	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.25	0.26	0.27	0.28	0.28	0.29	0.30	0.30	0.31	0.31	14.4%
Renewables (E85) 11/	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	15.9%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.22	16.1%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.2%
Electricity	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	3.2%
Delivered Energy	24.73	25.37	25.88	26.68	27.13	27.68	28.24	28.72	29.25	29.64	29.90	30.03	30.20	30.46	30.74	31.07	31.44	31.76	32.18	32.45	32.71	32.99	33.19	33.37	33.57	1.3%
Electricity Related Losses	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	1.6%
Total	24.86	25.49	26.01	26.81	27.27	27.82	28.38	28.87	29.42	29.81	30.07	30.20	30.38	30.64	30.92	31.25	31.62	31.94	32.36	32.64	32.89	33.17	33.38	33.56	33.76	1.3%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Deliver.Energy Cons. All Sectors																										
Distillate Fuel	6.98	7.32	7.42	7.50	7.60	7.73	7.85	7.93	8.03	8.04	8.06	8.06	8.08	8.14	8.21	8.29	8.36	8.41	8.46	8.47	8.47	8.48	8.46	8.45	8.45	0.8%
Kerosene	0.14	0.15	0.12	0.13	0.13	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	0.11	0.11	0.11	0.11	0.11	0.11	-1.0%
Jet Fuel 9/	3.27	3.33	3.37	3.72	3.81	3.90	4.00	4.10	4.24	4.33	4.43	4.46	4.55	4.66	4.75	4.87	4.99	5.09	5.23	5.32	5.41	5.50	5.58	5.65	5.73	2.4%
Liquefied Petroleum Gas	2.66	2.67	2.67	2.68	2.72	2.76	2.80	2.84	2.88	2.91	2.95	2.98	3.00	3.05	3.09	3.13	3.17	3.20	3.22	3.23	3.25	3.26	3.26	3.27	3.28	0.9%
Motor Gasoline 2/	15.16	15.40	15.69	15.95	16.18	16.44	16.68	16.88	17.08	17.18	17.21	17.17	17.13	17.13	17.16	17.21	17.30	17.38	17.52	17.62	17.69	17.82	17.90	17.96	18.03	0.7%
Petrochemical Feedstocks	1.28	1.29	1.28	1.29	1.31	1.33	1.35	1.36	1.37	1.38	1.38	1.39	1.39	1.41	1.42	1.43	1.44	1.45	1.46	1.46	1.46	1.46	1.45	1.45	1.45	0.5%
Residual Fuel	1.39	1.36	1.34	1.35	1.38	1.41	1.47	1.50	1.51	1.56	1.59	1.61	1.65	1.69	1.73	1.78	1.82	1.85	1.89	1.93	1.95	1.98	2.01	2.04	2.06	1.7%
Other Petroleum 13/	4.37	4.43	4.44	4.58	4.65	4.71	4.74	4.75	4.79	4.81	4.86	4.79	4.84	4.88	4.92	4.98	5.03	5.14	5.25	5.34	5.34	5.40	5.41	5.44	5.53	1.0%
Petroleum Subtotal	35.26	35.93	36.32	37.20	37.77	38.41	39.01	39.48	40.02	40.34	40.60	40.57	40.77	41.07	41.40	41.80	42.22	42.64	43.14	43.47	43.68	44.01	44.18	44.38	44.64	1.0%
Natural Gas 6/	19.39	19.33	19.98	20.46	20.46	20.51	20.66	20.73	20.93	20.87	20.91	20.98	20.97	21.09	21.17	21.27	21.42	21.48	21.57	21.55	21.59	21.57	21.55	21.52	21.44	0.4%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.75	0.72	0.69	0.67	0.64	0.61	0.59	0.57	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.41	-3.0%
Steam Coal	1.68	1.65	1.68	1.69	1.70	1.73	1.76	1.79	1.82	1.53	1.38	1.27	1.25	1.25	1.26	1.28	1.30	1.31	1.35	1.35	1.37	1.39	1.40	1.39	1.43	-0.7%
Net Coal Coke Imports	0.00	0.10	0.10	0.11	0.11	0.12	0.14	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.29	0.30	0.31	0.32	0.32	0.33	N/A
Coal Subtotal	2.53	2.60	2.64	2.65	2.64	2.67	2.70	2.72	2.74	2.43	2.27	2.14	2.11	2.10	2.10	2.11	2.13	2.13	2.16	2.15	2.15	2.16	2.15	2.14	2.17	-0.6%
Renewable Energy 14/	2.44	2.50	2.54	2.56	2.59	2.63	2.67	2.71	2.75	2.79	2.82	2.85	2.89	2.93	2.98	3.03	3.07	3.11	3.14	3.16	3.17	3.19	3.19	3.20	3.21	1.1%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.22	16.1%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.2%
Electricity	10.57	10.61	10.95	11.17	11.40	11.64	11.83	11.99	12.21	12.07	11.96	11.91	11.91	12.02	12.15	12.29	12.47	12.59	12.73	12.84	12.95	13.02	13.09	13.19	13.28	1.0%
Delivered Energy	70.19	70.98	72.43	74.05	74.88	75.90	76.92	77.69	78.72	78.59	78.65	78.56	78.78	79.36	79.94	80.66	81.47	82.12	82.91	83.35	83.73	84.15	84.38	84.64	84.96	0.8%
Electricity Related Losses	23.57	23.15	23.91	24.43	24.82	25.17	25.35	25.53	25.67	24.73	23.91	23.19	22.59	22.26	21.92	21.63	21.46	21.16	20.92	20.71	20.68	20.64	20.60	20.61	20.65	-0.5%
Total	93.77	94.13	96.35	98.48	99.70	101.07	102.28	103.22	104.39	103.32	102.57	101.75	101.36	101.62	101.86	102.28	102.94	103.27	103.83	104.07	104.42	104.79	104.98	105.25	105.61	0.5%
Electric Generators 15/																										
Distillate Fuel	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.06	0.08	0.09	0.11	1.5%
Residual Fuel	0.67	0.74	0.54	0.56	0.50	0.57	0.48	0.45	0.41	0.32	0.31	0.24	0.24	0.24	0.21	0.20	0.15	0.13	0.12	0.12	0.12	0.13	0.13	0.11	-7.2%	
Petroleum Subtotal	0.75	0.82	0.62	0.64	0.58	0.64	0.56	0.52	0.49	0.37	0.36	0.28	0.28	0.28	0.24	0.23	0.18	0.17	0.15	0.15	0.16	0.19	0.21	0.22	0.22	-4.9%
Natural Gas	3.04	2.71	3.33	3.71	3.67	3.98	4.35	4.69	5.11	5.99	6.50	7.77	8.35	8.87	9.48	10.02	10.63	11.39	12.03	12.61	12.98	13.28	13.56	13.83	13.96	6.6%
Steam Coal	18.36	18.56	19.50	19.60	19.72	19.90	19.89	19.92	19.90	18.54	17.25	15.31	14.17	13.43	12.71	12.16	11.52	10.74	10.03	9.47	9.06	8.81	8.45	8.09	7.86	-3.5%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.45	7.38	7.30	7.22	7.13	7.06	7.03	6.90	6.67	6.61	6.42	6.30	6.06	5.97	5.71	5.59	5.59	5.63	-1.0%
Renewable Energy 16/	4.40	4.43	4.09	4.14	4.18	4.19	4.21	4.22	4.23	4.39	4.41	4.47	4.54	4.56	4.63	4.74	4.90	4.97	5.08	5.22	5.42	5.62	5.84	6.03	6.22	1.5%
Electricity Imports 17/	0.39	0.35	0.33	0.26	0.76	0.75	0.75	0.72	0.77	0.22	0.13	0.13	0.11	0.12	0.10	0.10	0.09	0.07	0.05	0.04	0.04	0.04	0.04	0.04	0.04	-8.7%
Total	34.14	33.76	34.87	35.60	36.22	36.82	37.18	37.52	37.87	36.80	35.87	35.09	34.50	34.29	34.07	33.92	33.93	33.75	33.65	33.55	33.63	33.66	33.69	33.80	33.93	-0.0%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Total Energy Consumption																										
Distillate Fuel	7.06	7.40	7.49	7.58	7.68	7.81	7.93	8.01	8.11	8.09	8.10	8.10	8.12	8.18	8.24	8.32	8.39	8.44	8.49	8.50	8.52	8.54	8.54	8.54	8.56	0.8%
Kerosene	0.14	0.15	0.12	0.13	0.13	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	0.11	0.11	0.11	0.11	0.11	0.11	-1.0%
Jet Fuel 9/	3.27	3.33	3.37	3.72	3.81	3.90	4.00	4.10	4.24	4.33	4.43	4.46	4.55	4.66	4.75	4.87	4.99	5.09	5.23	5.32	5.41	5.50	5.58	5.65	5.73	2.4%
Liquefied Petroleum Gas	2.66	2.67	2.67	2.68	2.72	2.76	2.80	2.84	2.88	2.91	2.95	2.98	3.00	3.05	3.09	3.13	3.17	3.20	3.22	3.23	3.25	3.26	3.26	3.27	3.28	0.9%
Motor Gasoline 2/	15.16	15.40	15.69	15.95	16.18	16.44	16.68	16.88	17.08	17.18	17.21	17.17	17.13	17.13	17.16	17.21	17.30	17.38	17.52	17.62	17.69	17.82	17.90	17.96	18.03	0.7%
Petrochemical Feedstocks	1.28	1.29	1.28	1.29	1.31	1.33	1.35	1.36	1.37	1.38	1.38	1.39	1.39	1.41	1.42	1.43	1.44	1.45	1.46	1.46	1.46	1.46	1.45	1.45	1.45	0.5%
Residual Fuel	2.06	2.10	1.88	1.91	1.88	1.98	1.95	1.94	1.92	1.89	1.90	1.86	1.89	1.93	1.94	1.97	1.97	1.99	2.01	2.04	2.07	2.11	2.14	2.17	2.18	0.2%
Other Petroleum 13/	4.37	4.43	4.44	4.58	4.65	4.71	4.74	4.75	4.79	4.81	4.86	4.79	4.84	4.88	4.92	4.98	5.03	5.14	5.25	5.34	5.34	5.40	5.41	5.44	5.53	1.0%
Petroleum Subtotal	36.01	36.75	36.94	37.84	38.35	39.05	39.57	40.01	40.51	40.71	40.96	40.85	41.05	41.35	41.64	42.03	42.41	42.81	43.29	43.62	43.84	44.19	44.39	44.60	44.87	0.9%
Natural Gas	22.43	22.04	23.30	24.17	24.13	24.49	25.01	25.42	26.05	26.86	27.42	28.75	29.32	29.96	30.65	31.29	32.05	32.87	33.60	34.16	34.57	34.86	35.11	35.35	35.40	1.9%
Metallurgical Coal	0.85	0.86	0.86	0.85	0.83	0.82	0.80	0.78	0.77	0.75	0.72	0.69	0.67	0.64	0.61	0.59	0.57	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.41	-3.0%
Steam Coal	20.05	20.21	21.18	21.29	21.42	21.63	21.66	21.71	21.71	20.07	18.63	16.59	15.42	14.68	13.97	13.44	12.82	12.05	11.39	10.82	10.42	10.21	9.84	9.48	9.29	-3.2%
Net Coal Coke Imports	0.00	0.10	0.10	0.11	0.11	0.12	0.14	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.29	0.30	0.31	0.32	0.32	0.33	N/A
Coal Subtotal	20.90	21.17	22.14	22.25	22.36	22.57	22.60	22.64	22.63	20.97	19.52	17.46	16.28	15.53	14.81	14.27	13.65	12.87	12.20	11.62	11.21	10.98	10.60	10.23	10.02	-3.0%
Nuclear Power	7.20	6.88	7.00	7.25	7.30	7.35	7.41	7.45	7.38	7.30	7.22	7.13	7.06	7.03	6.90	6.67	6.61	6.42	6.30	6.06	5.97	5.71	5.59	5.59	5.63	-1.0%
Renewable Energy 18/	6.84	6.93	6.63	6.70	6.77	6.82	6.89	6.93	6.97	7.18	7.23	7.32	7.43	7.50	7.61	7.77	7.97	8.07	8.22	8.38	8.59	8.81	9.03	9.23	9.43	1.3%
Methanol 12/	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.22	16.1%
Liquid Hydrogen	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.2%
Electricity Imports 17/	0.39	0.35	0.33	0.26	0.76	0.75	0.75	0.72	0.77	0.22	0.13	0.13	0.11	0.12	0.10	0.10	0.09	0.07	0.05	0.04	0.04	0.04	0.04	0.04	0.04	-8.7%
Total	93.77	94.13	96.35	98.48	99.70	101.07	102.28	103.22	104.39	103.32	102.57	101.75	101.36	101.62	101.86	102.28	102.94	103.27	103.83	104.07	104.42	104.79	104.98	105.25	105.61	0.5%
Energy Use & Related Statistics																										
Delivered Energy Use	70.19	70.98	72.43	74.05	74.88	75.90	76.92	77.69	78.72	78.59	78.65	78.56	78.78	79.36	79.94	80.66	81.47	82.12	82.91	83.35	83.73	84.15	84.38	84.64	84.96	0.8%
Total Energy Use	93.77	94.13	96.36	98.49	99.71	101.09	102.29	103.23	104.40	103.33	102.58	101.76	101.38	101.63	101.87	102.29	102.95	103.29	103.84	104.08	104.42	104.79	104.98	105.25	105.60	0.5%
Tot. Carbon Emis.(mill m. ton)	1462.9	1490.0	1536.8	1568.5	1579.3	1602.6	1619.6	1633.9	1651.6	1623.7	1599.4	1562.8	1543.9	1538.9	1535.0	1537.7	1538.3	1536.6	1537.8	1536.9	1536.3	1541.3	1538.6	1535.4	1536.2	0.2%

1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps & solar thermal hot water heating.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating.

4/ Fuel consumption includes consumption for cogeneration.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; including for cogeneration, both for sale to the grid and for own use.

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline(nonrenewable).

12/ Only M85 (85 percent methanol and 15 percent motor gasoline).

13/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

14/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

Table 2. Energy Consumption by Sector and Source Notes (Continued)

15/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy.

16/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, E85, wind, photovoltaic and solar thermal sources. Excludes cogeneration. Excludes net electricity imports.

17/ In 1996 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

18/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1996 natural gas lease, plant, and pipeline fuel values: Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). 1996 electric utility fuel consumption: EIA, Electric Power Annual 1996, Volume I, DOE/EIA-0348(96)/1 (Washington, DC, August 1997). 1996 nonutility consumption estimates: EIA Form 867, "Annual Nonutility Power Producer Report." Other 1996 values: EIA, Short-Term Energy Outlook August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 3. Energy Prices by Sector and Source (1996 Dollars per Million Btu)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Electric Generators 13/																										
Fossil Fuel Average	1.54	1.49	1.45	1.48	1.45	1.47	1.47	1.48	1.50	2.66	3.27	4.05	4.41	4.48	4.65	4.76	4.85	5.02	4.97	5.13	5.15	5.10	5.18	5.28	5.20	5.2%
Petroleum Products	3.25	2.92	2.97	2.95	3.03	3.02	3.13	3.22	3.30	4.33	4.86	5.74	6.01	5.91	6.09	6.09	6.22	6.45	6.50	6.61	6.66	6.57	6.65	6.71	6.71	3.1%
Distillate Fuel	4.91	4.58	4.55	4.57	4.62	4.66	4.72	4.80	4.91	5.93	6.40	7.10	7.40	7.36	7.47	7.42	7.45	7.60	7.50	7.56	7.44	7.27	7.31	7.32	7.21	1.6%
Residual Fuel	3.07	2.74	2.74	2.72	2.79	2.80	2.87	2.95	3.01	4.11	4.65	5.53	5.82	5.72	5.88	5.87	5.97	6.19	6.24	6.37	6.36	6.21	6.23	6.28	6.24	3.0%
Natural Gas	2.64	2.66	2.42	2.60	2.47	2.52	2.52	2.56	2.60	3.32	3.73	4.32	4.65	4.78	4.99	5.16	5.30	5.50	5.51	5.66	5.71	5.70	5.78	5.87	5.81	3.3%
Steam Coal	1.29	1.25	1.24	1.22	1.22	1.21	1.20	1.18	1.17	2.42	3.06	3.88	4.24	4.25	4.37	4.41	4.41	4.50	4.31	4.39	4.33	4.16	4.19	4.24	4.07	4.9%
Average Price to All Users 14/																										
Petroleum Products 2/	7.83	7.32	7.23	7.33	7.41	7.48	7.55	7.63	7.75	8.60	9.03	9.58	9.80	9.70	9.74	9.65	9.61	9.69	9.56	9.59	9.61	9.45	9.48	9.50	9.43	0.8%
Distillate Fuel 6/	7.84	7.44	7.29	7.40	7.43	7.45	7.51	7.58	7.69	8.66	9.09	9.74	10.00	9.93	9.99	9.88	9.84	9.95	9.81	9.85	9.77	9.65	9.68	9.66	9.54	0.8%
Jet Fuel	5.52	4.81	4.78	4.88	4.98	5.05	5.14	5.21	5.34	6.30	6.81	7.38	7.65	7.60	7.65	7.61	7.65	7.75	7.64	7.69	7.74	7.64	7.74	7.75	7.70	1.4%
Liquefied Petroleum Gas	8.53	6.73	6.73	7.15	7.28	7.38	7.65	7.74	7.89	8.64	8.90	9.58	9.73	9.55	9.67	9.62	9.65	9.79	9.70	9.79	9.74	9.52	9.57	9.56	9.52	0.5%
Motor Gasoline 8/	9.89	9.59	9.37	9.44	9.55	9.67	9.70	9.76	9.90	10.82	11.37	11.89	12.17	12.09	12.12	12.00	11.90	11.99	11.85	11.86	11.92	11.74	11.74	11.79	11.73	0.7%
Residual Fuel	2.84	2.69	2.67	2.55	2.60	2.64	2.67	2.72	2.78	3.82	4.34	5.08	5.37	5.30	5.42	5.44	5.57	5.47	5.54	5.54	5.41	5.46	5.51	5.43	5.43	2.7%
Natural Gas	4.14	4.18	3.80	3.79	3.74	3.76	3.72	3.73	3.71	4.39	4.75	5.27	5.55	5.63	5.80	5.93	6.03	6.19	6.18	6.32	6.37	6.36	6.44	6.53	6.48	1.9%
Coal	1.32	1.27	1.25	1.24	1.23	1.22	1.21	1.20	1.19	2.43	3.07	3.90	4.26	4.27	4.39	4.42	4.43	4.52	4.33	4.41	4.35	4.19	4.22	4.28	4.10	4.8%
E85 11/	15.85	15.86	15.85	15.49	15.76	15.93	16.01	16.12	16.25	16.60	16.74	16.75	16.79	16.60	16.38	16.26	16.08	16.14	16.01	15.93	16.12	15.97	16.09	16.28	16.27	0.1%
Methanol 12/	12.24	12.24	12.24	11.86	11.96	12.10	12.75	12.91	12.35	13.32	13.73	14.22	14.40	14.31	14.31	14.22	14.20	14.30	14.19	14.26	14.26	14.15	14.18	14.22	14.14	0.6%
Electricity	20.01	19.57	19.17	18.70	18.43	18.23	18.01	17.86	17.65	20.11	21.74	23.18	23.99	23.85	23.94	23.80	23.53	23.60	23.29	23.23	23.12	22.98	22.97	22.92	22.79	0.5%
Non-Renewable Energy Expenditures by Sect. (billion 1996 dollars)																										
Residential	135.31	130.27	131.56	130.75	132.20	133.89	134.06	134.88	135.83	150.47	159.49	169.34	175.22	175.74	178.46	180.12	181.93	184.70	185.03	187.13	189.29	189.54	191.53	193.72	194.97	1.5%
Commercial	95.91	95.13	94.44	94.74	94.51	95.01	95.11	95.58	95.76	108.14	115.38	122.91	126.94	127.67	129.55	130.35	130.65	132.23	131.80	132.63	132.83	132.50	132.90	133.19	132.32	1.4%
Industrial	111.94	106.26	103.33	105.16	105.33	106.83	108.41	109.67	111.06	131.62	142.19	156.30	162.92	163.76	168.16	170.80	173.11	177.39	176.41	178.02	177.93	176.34	177.07	177.85	176.32	1.9%
Transportation	210.43	206.44	206.23	213.41	219.28	225.94	231.17	236.64	244.09	273.77	290.80	307.69	316.93	316.71	320.24	319.93	321.18	326.82	326.17	329.50	332.38	329.84	332.80	335.13	334.53	2.0%
Total Non-Renewable Expend.	553.58	538.10	535.56	544.05	551.32	561.67	568.75	576.77	586.74	664.00	707.86	756.25	782.01	783.88	796.40	801.19	806.88	821.14	819.42	827.27	832.44	828.22	834.30	839.89	838.14	1.7%
Trans. Renew. Expenditures	0.08	0.12	0.17	0.22	0.30	0.45	0.63	0.79	0.96	1.17	1.37	1.57	1.75	1.89	2.04	2.14	2.23	2.35	2.43	2.52	2.63	2.68	2.76	2.86	2.91	16.0%
Total Expenditures	553.66	538.22	535.72	544.27	551.62	562.12	569.37	577.56	587.69	665.17	709.23	757.81	783.76	785.77	798.44	803.33	809.11	823.49	821.85	829.80	835.07	830.90	837.06	842.75	841.05	1.8%

- 1/ Weighted average price includes fuels below as well as coal.
- 2/ This quantity is the weighted average for all petroleum products, not just those listed below.
- 3/ Excludes independent power producers.
- 4/ Includes cogenerators.
- 5/ Excludes uses for lease and plant fuel.
- 6/ Low sulfur diesel fuel. Price includes Federal and State taxes while excluding county and local taxes.
- 7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.
- 8/ Sales weighted-average price for all grades. Includes Federal and State taxes and excludes county and local taxes.
- 9/ Includes Federal and State taxes while excluding county and local taxes.
- 10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.
- 11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).
- 12/ Only M85 (85 percent methanol and 15 percent motor gasoline).
- 13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

Table 3. Energy Prices by Sector and Source Notes (Continued)

14/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Note: 1996 figures may differ from published data due to internal rounding.

Sources: 1996 prices for gasoline, distillate, and jet fuel are based on prices in various issues of EIA, Petroleum Marketing Monthly, DOE/EIA-0380(96/13-97/4) (Washington, DC, 1996-97). 1996 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1994, DOE/EIA-0376(94) (Washington, DC, June 1997). 1996 industrial gas delivered prices are based on EIA, Manufacturing Energy Consumption Survey 1991. 1996 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(97/6) (Washington, DC, June 1997). Other 1996 natural gas delivered prices: EIA, AEO98 National Energy Modeling System run FD1998.D080398B. Values for 1996 coal prices have been estimated from EIA, State Energy Price and Expenditure Report 1994, DOE/EIA-0376(94)(Washington, DC, June 1997) by use of consumption quantities aggregated from EIA, State Energy Data Report 1994. Online. <ftp://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997) and the Coal Industry Annual 1996, DOE/EIA-0584(96) (Washington, DC, November 1997). 1996 electricity prices for commercial, industrial, and transportation: EIA, AEO98 National Energy Modeling System run FD1998.D080398B. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Key Indicators																											
Households (millions)																											
Single-Family	69.61	70.54	71.46	72.38	73.26	74.13	74.97	75.79	76.63	77.43	78.22	79.01	79.79	80.57	81.37	82.20	83.06	83.94	84.79	85.60	86.40	87.19	87.98	88.77	89.53	1.1%	
Multifamily	24.76	24.97	25.17	25.37	25.54	25.72	25.91	26.11	26.32	26.52	26.72	26.94	27.17	27.43	27.71	28.02	28.35	28.69	29.03	29.34	29.64	29.93	30.21	30.48	30.75	0.9%	
Mobile Homes	6.00	6.15	6.29	6.42	6.54	6.65	6.76	6.87	6.97	7.08	7.17	7.27	7.37	7.46	7.56	7.66	7.76	7.87	7.96	8.05	8.13	8.20	8.27	8.33	8.39	1.4%	
Total	100.37	101.66	102.92	104.17	105.34	106.50	107.63	108.77	109.92	111.02	112.11	113.22	114.32	115.46	116.64	117.88	119.17	120.49	121.78	123.00	124.17	125.33	126.46	127.58	128.68	1.0%	
Average House Square Footage																											
	1649	1655	1660	1665	1670	1675	1679	1684	1688	1691	1695	1698	1701	1704	1707	1710	1713	1715	1718	1720	1722	1725	1727	1730	1732	0.2%	
Energy Intensity (million Btu per household)																											
Delivered Energy Consumption	110.92	105.43	107.97	107.88	108.24	107.94	107.63	107.10	107.05	103.34	101.19	99.12	97.98	97.17	96.41	95.86	95.65	94.77	94.59	94.03	93.86	93.30	92.86	92.47	92.50	-0.8%	
Electricity Related Losses	81.78	77.48	80.69	80.91	82.40	83.19	82.76	82.41	82.03	77.75	74.47	71.70	69.44	67.76	66.09	64.55	63.57	61.95	60.84	59.98	59.79	59.32	59.07	58.96	59.04	-1.3%	
Total Energy Consumption	192.70	182.91	188.66	188.79	190.64	191.13	190.40	189.51	189.08	181.09	175.66	170.82	167.42	164.93	162.50	160.41	159.22	156.72	155.43	154.01	153.65	152.62	151.93	151.43	151.53	-1.0%	
Delivered Energy Consum. by Fuel																											
Electricity																											
Space Heating	0.47	0.44	0.46	0.46	0.46	0.47	0.47	0.47	0.48	0.46	0.45	0.44	0.44	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.46	-0.1%	
Space Cooling	0.46	0.44	0.47	0.47	0.48	0.48	0.49	0.50	0.50	0.49	0.48	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.3%	
Water Heating	0.37	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.1%	
Refrigeration	0.41	0.38	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	-1.7%	
Cooking	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	1.0%	
Clothes Dryers	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.8%	
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-2.4%	
Lighting	0.32	0.32	0.33	0.33	0.34	0.35	0.35	0.36	0.36	0.36	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	1.0%	
Clothes Washers 1/	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.7%	
Dishwashers 1/	0.05	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%	
Color Televisions	0.21	0.22	0.23	0.24	0.26	0.26	0.27	0.28	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31	1.6%	
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	5.1%	
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	1.5%	
Other Uses 2/	0.79	0.84	0.93	1.00	1.09	1.19	1.23	1.26	1.31	1.30	1.31	1.33	1.36	1.39	1.43	1.47	1.52	1.55	1.59	1.63	1.68	1.70	1.74	1.77	1.81	3.5%	
Delivered Energy	3.68	3.61	3.80	3.86	3.99	4.10	4.16	4.21	4.29	4.21	4.17	4.17	4.19	4.23	4.27	4.32	4.40	4.44	4.51	4.57	4.65	4.69	4.75	4.81	4.88	1.2%	
Natural Gas																											
Space Heating	3.77	3.52	3.66	3.74	3.77	3.77	3.80	3.82	3.85	3.73	3.68	3.61	3.58	3.56	3.55	3.54	3.55	3.54	3.56	3.55	3.56	3.56	3.55	3.55	3.57	-0.2%	
Space Cooling	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	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	9.0%	
Water Heating	1.31	1.25	1.29	1.31	1.32	1.32	1.33	1.34	1.35	1.31	1.29	1.28	1.27	1.27	1.28	1.28	1.29	1.29	1.30	1.29	1.29	1.29	1.29	1.29	1.29	-0.1%	
Cooking	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.6%	
Clothes Dryers	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.6%	
Other Uses 3/	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.5%	
Delivered Energy	5.39	5.06	5.26	5.36	5.41	5.40	5.45	5.47	5.52	5.35	5.29	5.20	5.17	5.16	5.15	5.15	5.18	5.16	5.20	5.18	5.20	5.20	5.19	5.19	5.22	-0.1%	

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Distillate																										
Space Heating	0.80	0.79	0.79	0.76	0.74	0.73	0.72	0.71	0.70	0.66	0.64	0.62	0.60	0.59	0.58	0.57	0.57	0.56	0.55	0.54	0.54	0.53	0.53	0.52	0.51	-1.8%
Water Heating	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.5%
Other Uses 4/	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Delivered Energy	0.89	0.88	0.88	0.85	0.84	0.83	0.81	0.80	0.79	0.75	0.73	0.71	0.69	0.68	0.67	0.66	0.65	0.64	0.64	0.63	0.62	0.62	0.61	0.60	0.60	-1.7%
Liquefied Petroleum Gas																										
Space Heating	0.32	0.31	0.31	0.31	0.31	0.32	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.1%
Water Heating	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	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	0.09	0.09	1.2%
Cooking	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	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	0.04	0.8%
Other Uses 3/	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.2%
Delivered Energy	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.4%
Marketed Renewables (wood) 5/	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.2%
Other Fuels 6/	0.13	0.15	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-1.2%
Deliv. Energy Consum. by End-Use																										
Space Heating	6.10	5.80	5.97	6.01	6.04	6.02	6.04	6.05	6.08	5.89	5.80	5.69	5.65	5.62	5.59	5.58	5.60	5.57	5.59	5.58	5.59	5.59	5.58	5.57	5.60	-0.4%
Space Cooling	0.47	0.44	0.48	0.48	0.48	0.49	0.49	0.50	0.51	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.51	0.51	0.4%
Water Heating	1.84	1.77	1.82	1.84	1.85	1.85	1.86	1.87	1.89	1.83	1.81	1.79	1.78	1.79	1.79	1.79	1.81	1.81	1.82	1.82	1.83	1.83	1.83	1.83	1.84	0.0%
Refrigeration	0.41	0.38	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	-1.7%
Cooking	0.33	0.32	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.8%
Clothes Dryers	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.8%
Freezers	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-2.4%
Lighting	0.32	0.32	0.33	0.33	0.34	0.35	0.35	0.36	0.36	0.36	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	1.0%
Clothes Washers	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.7%
Dishwashers	0.05	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%
Color Televisions	0.21	0.22	0.23	0.24	0.26	0.26	0.27	0.28	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31	1.6%
Personal Computers	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	5.1%
Furnace Fans	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	1.5%
Other Uses 7/	0.90	0.94	1.03	1.10	1.20	1.29	1.33	1.37	1.42	1.41	1.42	1.43	1.46	1.50	1.54	1.58	1.63	1.66	1.70	1.74	1.79	1.82	1.85	1.89	1.93	3.2%
Delivered Energy	11.13	10.72	11.11	11.24	11.40	11.49	11.58	11.65	11.77	11.47	11.34	11.22	11.20	11.22	11.25	11.30	11.40	11.42	11.52	11.57	11.66	11.69	11.74	11.80	11.90	0.3%
Electricity Related Losses	8.21	7.88	8.30	8.43	8.68	8.86	8.91	8.96	9.02	8.63	8.35	8.12	7.94	7.82	7.71	7.61	7.58	7.46	7.41	7.38	7.42	7.43	7.47	7.52	7.60	-0.3%

Table 4. Residential Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Total Energy Consum. by End-Use																											
Space Heating	7.15	6.76	6.97	7.01	7.04	7.02	7.05	7.05	7.08	6.83	6.70	6.55	6.48	6.42	6.37	6.35	6.35	6.31	6.31	6.29	6.30	6.30	6.29	6.28	6.31	-0.5%	
Space Cooling	1.50	1.40	1.51	1.51	1.53	1.53	1.54	1.56	1.57	1.49	1.44	1.40	1.37	1.35	1.33	1.32	1.31	1.30	1.29	1.29	1.29	1.28	1.28	1.28	1.29	-0.6%	
Water Heating	2.66	2.55	2.62	2.63	2.65	2.64	2.65	2.66	2.67	2.58	2.52	2.47	2.44	2.43	2.42	2.41	2.41	2.40	2.41	2.40	2.40	2.40	2.40	2.41	2.42	-0.4%	
Refrigeration	1.32	1.22	1.21	1.17	1.14	1.12	1.07	1.04	1.00	0.96	0.92	0.88	0.85	0.82	0.80	0.77	0.76	0.74	0.72	0.71	0.71	0.70	0.70	0.70	0.70	-2.6%	
Cooking	0.62	0.60	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.63	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.2%
Clothes Dryers	0.68	0.65	0.67	0.68	0.69	0.69	0.70	0.70	0.71	0.68	0.66	0.65	0.64	0.64	0.64	0.63	0.64	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.66	0.66	-0.1%
Freezers	0.42	0.38	0.37	0.35	0.34	0.32	0.30	0.29	0.28	0.26	0.25	0.24	0.23	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.19	0.19	0.18	0.18	0.18	-3.4%	
Lighting	1.05	1.01	1.05	1.06	1.08	1.09	1.11	1.12	1.13	1.09	1.06	1.04	1.03	1.02	1.02	1.01	1.02	1.01	1.01	1.02	1.02	1.03	1.03	1.04	1.05	0.0%	
Clothes Washers	0.09	0.08	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.3%	
Dishwashers	0.15	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	-0.4%	
Color Televisions	0.68	0.69	0.74	0.77	0.81	0.83	0.85	0.87	0.89	0.87	0.84	0.82	0.80	0.79	0.78	0.77	0.77	0.76	0.76	0.75	0.76	0.77	0.77	0.78	0.79	0.6%	
Personal Computers	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14	4.1%	
Furnace Fans	0.29	0.28	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.32	0.31	0.31	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.5%	
Other Uses 7/	2.67	2.76	3.06	3.28	3.58	3.86	3.96	4.06	4.17	4.08	4.04	4.02	4.04	4.08	4.12	4.17	4.24	4.26	4.32	4.38	4.47	4.52	4.58	4.66	4.74	2.4%	
Total	19.34	18.60	19.42	19.67	20.08	20.36	20.49	20.61	20.78	20.11	19.69	19.34	19.14	19.04	18.95	18.91	18.97	18.88	18.93	18.94	19.08	19.13	19.21	19.32	19.50	0.0%	
Non-Marketed Renewables																											
Geothermal 8/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	6.8%	
Solar 9/	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.3%	
Total	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	4.3%	

1/ Does not include water heating of load.

2/ Includes small electric devices, heating elements and motors.

3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).

4/ Includes such appliances as swimming pool and hot tub heaters.

5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 1993.

6/ Includes kerosene and coal.

7/ Includes all other uses listed above.

8/ Includes primary energy displaced by geothermal heat pumps in space heating and cooling applications.

9/ Includes primary energy displaced by solar thermal water heaters.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1996: Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997, Online: <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 5. Commercial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Marketed Renewable Fuels																											
Biomass	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1%
Delivered Energy	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1%
Deliv. Energy Consump. by End-Use																											
Space Heating	1.65	1.61	1.64	1.64	1.64	1.64	1.65	1.65	1.65	1.60	1.56	1.52	1.50	1.50	1.49	1.48	1.48	1.47	1.47	1.46	1.46	1.46	1.45	1.44	1.44	-0.6%	
Space Cooling	0.53	0.52	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.55	0.54	0.53	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.52	-0.1%	
Water Heating	0.68	0.69	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.69	0.68	0.66	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	-0.2%
Ventilation	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	-0.0%
Cooking	0.21	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.1%
Lighting	1.16	1.18	1.20	1.21	1.22	1.23	1.23	1.24	1.24	1.21	1.17	1.15	1.13	1.13	1.12	1.12	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.12	1.12	1.12	-0.2%
Refrigeration	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.7%
Office Equipment (PC)	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	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	0.09	0.10	0.10	0.10	1.5%
Office Equipment (non-PC)	0.20	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.32	2.0%	
Other Uses 6/	2.65	2.69	2.75	2.84	2.90	2.95	3.01	3.07	3.13	3.09	3.08	3.06	3.07	3.11	3.14	3.18	3.22	3.25	3.30	3.32	3.35	3.38	3.39	3.40	3.43	1.1%	
Delivered Energy	7.47	7.49	7.66	7.78	7.87	7.94	8.03	8.11	8.20	8.02	7.90	7.79	7.74	7.80	7.82	7.86	7.91	7.94	8.01	8.03	8.06	8.09	8.10	8.10	8.12	0.4%	
Electricity Related Losses	7.52	7.43	7.66	7.85	7.94	7.99	8.04	8.09	8.12	7.78	7.48	7.24	7.03	6.94	6.82	6.72	6.66	6.56	6.49	6.42	6.41	6.40	6.37	6.37	6.35	-0.7%	
Total Energy Consump. by End-Use																											
Space Heating	1.91	1.85	1.89	1.89	1.88	1.88	1.88	1.88	1.88	1.81	1.77	1.72	1.68	1.68	1.66	1.65	1.64	1.63	1.63	1.61	1.60	1.60	1.59	1.58	1.57	-0.8%	
Space Cooling	1.67	1.59	1.71	1.72	1.72	1.72	1.71	1.71	1.70	1.62	1.55	1.50	1.45	1.43	1.41	1.39	1.38	1.36	1.34	1.33	1.32	1.31	1.30	1.29	1.28	-1.1%	
Water Heating	1.07	1.07	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.04	1.01	0.98	0.95	0.95	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.89	0.89	0.88	0.88	-0.8%	
Ventilation	0.55	0.54	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.54	0.52	0.50	0.49	0.48	0.47	0.47	0.46	0.45	0.44	0.44	0.44	0.44	0.43	0.43	0.43	-1.0%	
Cooking	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.30	0.29	0.28	0.28	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.25	0.25	-0.5%	
Lighting	3.75	3.75	3.81	3.87	3.88	3.88	3.87	3.87	3.85	3.68	3.51	3.38	3.26	3.21	3.15	3.10	3.07	3.03	2.99	2.96	2.95	2.92	2.90	2.88	2.86	-1.1%	
Refrigeration	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.47	0.47	0.46	0.46	0.46	0.45	0.45	0.44	0.44	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.42	0.42	-0.3%	
Office Equipment (PC)	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.5%	
Office Equipment (non-PC)	0.63	0.64	0.66	0.68	0.70	0.71	0.73	0.74	0.76	0.74	0.73	0.72	0.72	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.77	0.78	0.79	0.80	0.81	1.1%	
Other Uses 6/	4.43	4.51	4.64	4.86	4.99	5.11	5.23	5.35	5.46	5.38	5.32	5.28	5.26	5.32	5.35	5.38	5.44	5.46	5.51	5.54	5.58	5.62	5.65	5.68	5.72	1.1%	
Total	14.98	14.92	15.32	15.63	15.81	15.94	16.07	16.20	16.32	15.80	15.38	15.03	14.76	14.73	14.64	14.58	14.57	14.50	14.49	14.45	14.47	14.49	14.47	14.47	14.48	-0.1%	
Non-Marketed Renewable Fuels																											
Solar 7/	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%	
Total	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%	

- 1/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, and medical equipment.
- 2/ Excludes estimated consumption from independent power producers.
- 3/ Includes miscellaneous uses, such as district services, pumps, lighting, emergency electric generators, and manufacturing performed in commercial buildings.
- 4/ Includes miscellaneous uses, such as cooking, district services, and emergency electric generators.
- 5/ Includes residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

Table 5. Commercial Sector Key Indicators and Consumption Notes (Continued)

6/ Includes miscellaneous uses, such as service station equipment, district services, automated teller machines, telecommunications equipment, medical equipment, pumps, lighting, emergency electric generators, manufacturing performed in commercial buildings, and cooking (distillate), plus residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

7/ Includes primary energy displaced by solar thermal water heaters.

Btu = British thermal unit.

PC = Personal computer.

Note: Totals may not equal sum of components due to independent rounding. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Source: 1996: Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997, Online.<http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 6. Industrial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Key Indicators																											
Value of Gross Output(bill.87\$)																											
Manufacturing	3030	3162	3194	3248	3324	3410	3493	3579	3687	3776	3856	3934	4012	4102	4202	4304	4398	4479	4543	4592	4636	4691	4729	4781	4828	2.0%	
Nonmanufacturing	774	794	812	824	834	846	858	866	878	888	896	904	914	925	940	957	974	993	1006	1014	1019	1024	1029	1034	1037	1.2%	
Total	3805	3955	4006	4072	4157	4256	4352	4445	4565	4664	4752	4839	4926	5027	5142	5261	5373	5472	5550	5606	5655	5715	5758	5815	5865	1.8%	
Energy Prices (1996\$/mmBtu)																											
Electricity	13.38	13.09	12.74	12.52	12.30	12.15	11.98	11.86	11.71	13.41	14.55	15.51	16.04	15.93	15.96	15.79	15.56	15.56	15.33	15.24	15.09	14.98	14.94	14.86	14.74	0.4%	
Natural Gas	2.96	3.02	2.68	2.71	2.69	2.72	2.73	2.77	2.76	3.51	3.89	4.49	4.78	4.88	5.06	5.21	5.33	5.51	5.52	5.67	5.72	5.71	5.80	5.90	5.86	2.9%	
Steam Coal	1.46	1.41	1.39	1.38	1.37	1.35	1.33	1.32	1.31	2.56	3.20	4.03	4.39	4.41	4.53	4.57	4.58	4.68	4.49	4.58	4.52	4.37	4.40	4.44	4.27	4.6%	
Residual Oil	2.99	2.68	2.69	2.52	2.55	2.61	2.63	2.70	2.72	3.77	4.24	5.01	5.30	5.21	5.35	5.35	5.39	5.53	5.44	5.50	5.52	5.36	5.40	5.47	5.39	2.5%	
Distillate Oil	5.50	5.09	5.05	5.03	5.08	5.11	5.18	5.27	5.37	6.35	6.78	7.50	7.77	7.71	7.83	7.78	7.82	7.97	7.85	7.90	7.89	7.77	7.83	7.85	7.76	1.4%	
Liquefied Petroleum Gas	7.80	5.64	5.63	6.09	6.21	6.30	6.54	6.60	6.73	7.45	7.68	8.35	8.49	8.29	8.41	8.36	8.39	8.52	8.42	8.50	8.43	8.21	8.25	8.23	8.18	0.2%	
Motor Gasoline	9.86	9.54	9.32	8.10	8.24	8.39	8.46	8.55	8.72	9.68	10.27	10.83	11.15	11.10	11.17	11.07	10.99	11.12	11.00	11.03	11.13	10.95	11.00	11.07	11.04	0.5%	
Metallurgical Coal	1.77	1.76	1.73	1.71	1.69	1.68	1.67	1.66	1.65	2.88	3.52	4.34	4.70	4.72	4.85	4.88	4.90	5.00	4.82	4.90	4.85	4.70	4.72	4.77	4.60	4.1%	
Energy Consumption																											
Consumption (quad. Btu/ year) ^{1/}																											
Purchased Electricity	3.46	3.54	3.58	3.67	3.70	3.78	3.86	3.91	3.98	3.98	3.96	3.93	3.93	3.96	3.99	4.05	4.09	4.14	4.16	4.17	4.17	4.18	4.17	4.18	4.19	0.8%	
Natural Gas 2/	9.96	10.22	10.51	10.80	10.75	10.77	10.79	10.79	10.86	11.01	11.15	11.32	11.36	11.44	11.52	11.57	11.66	11.70	11.69	11.67	11.66	11.62	11.60	11.57	11.45	0.6%	
Steam Coal	1.55	1.51	1.54	1.55	1.56	1.59	1.62	1.65	1.67	1.40	1.25	1.15	1.12	1.13	1.14	1.16	1.18	1.19	1.23	1.23	1.25	1.27	1.27	1.27	1.30	-0.7%	
Metallurgical Coal & Coke 3/	0.85	0.95	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	-0.6%	
Residual Fuel	0.34	0.35	0.34	0.33	0.33	0.33	0.35	0.35	0.33	0.35	0.34	0.34	0.34	0.35	0.35	0.36	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.5%	
Distillate	1.17	1.18	1.17	1.19	1.20	1.23	1.26	1.28	1.31	1.33	1.34	1.36	1.38	1.39	1.42	1.44	1.46	1.48	1.50	1.51	1.52	1.53	1.53	1.54	1.54	1.2%	
Liquefied Petroleum Gas	2.12	2.14	2.13	2.12	2.15	2.19	2.21	2.23	2.25	2.27	2.29	2.30	2.32	2.35	2.38	2.41	2.43	2.45	2.46	2.46	2.47	2.47	2.47	2.47	2.47	0.6%	
Petrochemical Feedstocks	1.28	1.29	1.28	1.29	1.31	1.33	1.35	1.36	1.37	1.38	1.38	1.39	1.39	1.41	1.42	1.43	1.44	1.45	1.46	1.46	1.46	1.46	1.45	1.45	1.45	0.5%	
Other Petroleum 4/	4.31	4.36	4.37	4.51	4.57	4.63	4.67	4.68	4.72	4.74	4.79	4.72	4.77	4.82	4.85	4.91	4.95	5.06	5.17	5.25	5.25	5.32	5.32	5.36	5.45	1.0%	
Renewables 5/	1.82	1.89	1.90	1.93	1.96	1.99	2.02	2.05	2.08	2.11	2.13	2.15	2.17	2.20	2.24	2.27	2.30	2.33	2.36	2.37	2.38	2.38	2.38	2.39	2.39	1.1%	
Delivered Energy	26.87	27.41	27.78	28.35	28.48	28.78	29.07	29.21	29.49	29.46	29.51	29.52	29.63	29.88	30.14	30.42	30.72	31.00	31.21	31.31	31.31	31.38	31.35	31.37	31.37	0.6%	
Electricity Related Losses	7.72	7.71	7.82	8.02	8.06	8.18	8.27	8.32	8.37	8.16	7.92	7.66	7.45	7.33	7.21	7.12	7.05	6.95	6.84	6.73	6.66	6.63	6.56	6.53	6.51	-0.7%	
Total	34.59	35.12	35.60	36.37	36.54	36.96	37.33	37.53	37.87	37.61	37.42	37.18	37.08	37.21	37.34	37.54	37.76	37.95	38.05	38.04	37.97	38.00	37.91	37.90	37.88	0.4%	

Table 6. Industrial Sector Key Indicators and Consumption (Quadrillion Btu per year, Unless otherwise noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Consumption / Unit of Output1/ (thousand Btu / 1987 dollar)																										
Purchased Electricity	0.91	0.89	0.89	0.90	0.89	0.89	0.89	0.88	0.87	0.85	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.74	0.73	0.72	0.72	0.71	-1.0%
Natural Gas 2/	2.62	2.58	2.62	2.65	2.59	2.53	2.48	2.43	2.38	2.36	2.35	2.34	2.31	2.28	2.24	2.20	2.17	2.14	2.11	2.08	2.06	2.03	2.01	1.99	1.95	-1.2%
Steam Coal	0.41	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.30	0.26	0.24	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	-2.5%
Metallurgical Coal & Coke 3/	0.22	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.20	0.19	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13	-2.4%
Residual Fuel	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-1.3%
Distillate	0.31	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.26	-0.6%
Liquefied Petroleum Gas	0.56	0.54	0.53	0.52	0.52	0.51	0.51	0.50	0.49	0.49	0.48	0.48	0.47	0.47	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.42	-1.2%
Petrochemical Feedstocks	0.34	0.33	0.32	0.32	0.31	0.31	0.31	0.31	0.30	0.29	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.25	-1.3%
Other Petroleum 4/	1.13	1.10	1.09	1.11	1.10	1.09	1.07	1.05	1.03	1.02	1.01	0.97	0.97	0.96	0.94	0.93	0.92	0.93	0.93	0.94	0.93	0.93	0.92	0.92	0.93	-0.8%
Renewables 5/	0.48	0.48	0.48	0.47	0.47	0.47	0.47	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.42	0.41	0.41	0.41	-0.7%
Delivered Energy	7.06	6.93	6.93	6.96	6.85	6.76	6.68	6.57	6.46	6.32	6.21	6.10	6.02	5.94	5.86	5.78	5.72	5.67	5.62	5.58	5.54	5.49	5.44	5.39	5.35	-1.2%
Electricity Related Losses	2.03	1.95	1.95	1.97	1.94	1.92	1.90	1.87	1.83	1.75	1.67	1.58	1.51	1.46	1.40	1.35	1.31	1.27	1.23	1.20	1.18	1.16	1.14	1.12	1.11	-2.5%
Total	9.09	8.88	8.89	8.93	8.79	8.68	8.58	8.44	8.30	8.06	7.88	7.68	7.53	7.40	7.26	7.14	7.03	6.93	6.86	6.79	6.71	6.65	6.58	6.52	6.46	-1.4%

1/ Fuel consumption includes consumption for cogeneration.

2/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.

3/ Includes net coke coal imports.

4/ Includes petroleum coke, asphalt, road oil, lubricants, motor gasoline, still gas, and miscellaneous petroleum products.

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

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 prices for gasoline and distillate are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380(96/03-97/04) (Washington, DC, 1996-97). 1996 coal prices: EIA, Monthly Energy Review, DOE/EIA-0035(97/08) (Washington, DC, August 1997). 1996 electricity prices: EIA, AEO98 National Energy Modeling System run FD1998.D080398B. Other 1996 prices derived from EIA, State Energy Data Report 1994. Online. <ftp://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997). Other 1996 values: EIA, Short-Term Energy Outlook, August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Key Indicators																										
Level of Travel (billions)																										
Light-Duty Veh.<8500 lbs.(VMT)	2276	2330	2384	2425	2458	2499	2539	2579	2621	2654	2681	2698	2722	2754	2790	2831	2874	2913	2961	3000	3033	3072	3105	3136	3168	1.4%
Commercial Light Trucks(VMT) 1/	67	69	70	71	73	74	75	77	78	79	80	81	82	83	85	86	88	89	91	92	93	94	94	95	96	1.5%
Freight Trucks >10000 lbs.(VMT)	162	174	179	183	188	193	198	202	207	211	214	217	219	223	227	231	235	238	240	242	243	244	245	246	246	1.8%
Air (seat miles demanded)	999	1074	1124	1175	1221	1265	1316	1361	1418	1462	1507	1525	1569	1619	1667	1725	1791	1845	1918	1966	2021	2074	2122	2167	2215	3.4%
Rail (ton miles traveled)	1218	1312	1348	1369	1387	1427	1446	1459	1475	1444	1411	1376	1344	1353	1349	1360	1357	1350	1343	1333	1332	1328	1320	1316	1313	0.3%
Marine (ton miles traveled)	779	785	792	807	810	817	828	835	845	848	850	855	859	863	869	874	882	889	893	895	896	895	894	894	893	0.6%
Energy Efficiency Indicators																										
New Car (MPG) 2/	28.2	27.8	27.4	27.9	28.1	28.5	28.7	29.2	29.7	30.4	31.0	31.6	32.4	32.9	33.0	33.1	32.8	32.7	32.5	32.5	32.6	32.5	32.6	32.8	33.3	0.7%
New Light Truck (MPG) 2/	20.9	19.5	19.1	19.2	19.3	19.5	19.6	19.8	20.0	20.4	20.8	21.1	21.5	21.7	21.8	21.8	21.8	21.8	21.7	21.8	22.0	22.0	22.2	22.4	22.8	0.4%
Light-Duty Fleet (MPG) 3/	20.2	20.3	20.4	20.4	20.4	20.3	20.3	20.2	20.3	20.3	20.4	20.5	20.6	20.8	21.0	21.2	21.4	21.6	21.7	21.9	22.0	22.1	22.2	22.3	22.4	0.4%
New Comm. Light Truck (MPG) 1/	20.2	19.0	18.6	18.7	18.8	18.9	19.0	19.1	19.3	19.7	20.0	20.3	20.7	20.9	21.0	21.0	20.9	20.9	20.8	20.9	21.0	21.0	21.2	21.5	21.5	0.3%
Stock Comm. Light Truck(MPG) 1/	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.8	14.8	14.9	14.9	15.0	15.1	15.2	15.3	15.3	15.4	15.5	15.6	15.6	15.7	15.7	15.8	15.9	15.9	0.4%
Aircraft Stock (seat miles/gal)	50.6	51.1	51.4	51.8	52.1	52.5	52.8	53.2	53.5	53.9	54.2	54.5	54.8	55.2	55.6	56.1	56.6	57.0	57.5	57.9	58.3	58.7	59.1	59.4	59.8	0.7%
Freight Truck Efficiency (MPG)	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	0.6%
Rail Eff.(ton miles/thous. Btu)	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.5%
Domestic Shipping Efficiency																										
(ton miles per thousand Btu)	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	0.5%
Energy Use by Mode(quad. Btu/yr)																										
Light-Duty Vehicles	13.95	14.20	14.52	14.82	15.09	15.41	15.70	15.97	16.23	16.40	16.50	16.50	16.51	16.55	16.62	16.70	16.81	16.92	17.08	17.22	17.32	17.47	17.58	17.66	17.76	1.0%
Commercial Light Trucks 1/	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.70	0.70	0.71	0.72	0.73	0.74	0.74	0.74	0.75	0.75	0.75	1.1%
Freight Trucks 4/	4.04	4.32	4.43	4.47	4.52	4.62	4.70	4.77	4.85	4.91	4.93	4.95	4.99	5.02	5.09	5.14	5.20	5.25	5.28	5.27	5.25	5.25	5.23	5.22	5.19	1.1%
Air	3.32	3.37	3.41	3.76	3.85	3.94	4.04	4.14	4.28	4.37	4.47	4.51	4.60	4.71	4.80	4.92	5.05	5.15	5.29	5.37	5.47	5.56	5.64	5.72	5.79	2.4%
Rail	0.53	0.56	0.58	0.58	0.59	0.60	0.60	0.61	0.61	0.60	0.59	0.57	0.56	0.56	0.56	0.56	0.56	0.55	0.55	0.54	0.54	0.54	0.54	0.53	0.53	0.0%
Marine	1.43	1.41	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.73	1.77	1.81	1.85	1.89	1.93	1.97	2.01	2.05	2.08	2.11	2.14	2.17	2.20	2.23	1.9%
Pipeline Fuel	0.73	0.76	0.77	0.80	0.76	0.75	0.77	0.77	0.78	0.82	0.83	0.86	0.87	0.90	0.91	0.94	0.96	0.99	1.02	1.04	1.07	1.07	1.08	1.08	1.09	1.7%
Other 5/	0.24	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	1.2%
Total	24.73	25.37	25.88	26.68	27.13	27.68	28.24	28.72	29.25	29.64	29.90	30.03	30.20	30.46	30.74	31.07	31.44	31.76	32.18	32.45	32.71	32.99	33.19	33.37	33.57	1.3%

1/ Commercial trucks 8,500 to 10,000 pounds.

2/ Environmental Protection Agency rated miles per gallon.

3/ Combined car and light truck "on-the-road" estimate.

4/ Includes energy use by buses.

5/ Includes lubricants and aviation gasoline.

Btu = British thermal unit.

VMT=Vehicle miles traveled.

MPG = Miles per gallon.

Lbs. = Pounds.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996: Federal Aviation Administration (FAA), FAA Aviation Forecasts Fiscal Years 1996-2007, (Washington, DC, February 1995); Energy Information Administration (EIA), Short-Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997); EIA, Fuel Oil and Kerosene Sales 1996, DOE/EIA-0535(96) (Washington, DC, September 1997); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 8. Electricity Supply, Disposition, and Prices (Billion Kilowatthours, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Generation by Fuel Type																										
Electric Generators 1/																										
Coal	1758	1810	1903	1911	1922	1938	1937	1939	1937	1820	1704	1523	1414	1341	1273	1220	1156	1080	1010	956	915	892	856	821	797	-3.2%
Petroleum	80	81	62	64	58	65	56	53	49	37	37	29	29	29	25	24	19	18	16	16	18	21	24	26	27	-4.5%
Natural Gas	288	264	319	355	358	409	465	515	581	714	805	978	1088	1195	1309	1420	1533	1660	1774	1869	1930	1983	2029	2075	2098	8.6%
Nuclear Power	675	644	656	679	684	689	694	698	691	683	676	668	661	659	646	624	619	601	590	568	559	535	524	523	528	-1.0%
Pumped Storage	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	1.3%
Renewable Sources 2/	392	391	358	362	366	367	368	369	370	385	387	390	394	397	404	412	422	432	442	455	472	490	510	528	548	1.4%
Total	3191	3187	3294	3368	3385	3464	3518	3571	3625	3637	3605	3586	3583	3617	3654	3697	3747	3787	3829	3860	3891	3917	3940	3969	3994	0.9%
Non-Utility Gen. for Own Use	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	-0.6%
Cogenerators 3/																										
Coal	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	49	-0.1%
Petroleum	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	0.3%
Natural Gas	196	199	200	206	208	209	211	211	213	218	223	226	228	229	230	232	233	233	232	231	229	228	227	226	225	0.6%
Other Gaseous Fuels 4/	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.0%
Renewable 2/	42	42	42	43	43	44	45	45	46	47	47	48	48	49	49	50	51	51	52	52	52	52	53	53	53	1.0%
Other 5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-0.0%
Total	305	309	310	317	319	321	323	325	327	332	337	340	343	344	346	348	350	352	351	350	348	347	346	345	345	0.5%
Sales to Utilities	156	159	159	159	159	160	160	160	161	161	162	162	163	163	163	164	164	164	164	164	164	164	164	163	163	0.2%
Generation for Own Use	149	150	151	158	160	162	163	165	166	171	175	178	180	181	183	185	186	187	187	186	184	184	183	182	181	0.8%
Net Imports 6/	38	34	32	25	74	72	73	69	75	21	13	12	10	11	10	10	8	7	5	4	4	4	4	4	4	-8.7%
Electricity Sales by Sector																										
Residential	1079	1058	1115	1130	1168	1201	1218	1234	1256	1235	1223	1222	1227	1238	1252	1268	1290	1302	1322	1340	1362	1374	1392	1410	1431	1.2%
Commercial	988	999	1028	1052	1069	1084	1099	1114	1131	1112	1096	1089	1086	1098	1108	1119	1134	1145	1157	1167	1177	1182	1188	1194	1197	0.8%
Industrial	1014	1036	1049	1075	1085	1109	1130	1146	1167	1167	1160	1153	1151	1159	1171	1186	1200	1212	1220	1222	1223	1225	1223	1225	1227	0.8%
Transportation	17	17	18	18	18	19	19	21	23	24	25	26	27	28	29	30	31	32	32	33	34	34	35	35	36	3.2%
Total	3098	3110	3210	3275	3341	3413	3466	3515	3577	3538	3504	3489	3491	3524	3561	3603	3655	3691	3732	3762	3795	3816	3837	3864	3892	1.0%
End-Use Prices (1996 cents/kwh)7/																										
Residential	8.3	8.2	8.0	7.8	7.7	7.6	7.5	7.5	7.4	8.4	9.0	9.6	10.0	9.9	9.9	9.9	9.8	9.9	9.8	9.7	9.7	9.6	9.6	9.6	9.6	0.6%
Commercial	7.5	7.4	7.2	7.1	6.9	6.9	6.8	6.7	6.6	7.6	8.3	8.8	9.2	9.1	9.1	9.1	9.0	9.0	8.8	8.8	8.7	8.7	8.7	8.6	8.6	0.5%
Industrial	4.6	4.5	4.3	4.3	4.2	4.1	4.1	4.0	4.0	4.6	5.0	5.3	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.1	5.0	0.4%
Transportation	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.7	4.7	4.8	4.9	4.8	4.8	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4	-0.7%
All Sectors Average	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.9	7.4	7.9	8.2	8.1	8.2	8.1	8.0	8.1	7.9	7.9	7.9	7.8	7.8	7.8	7.8	0.5%

1/ Includes grid-connected generation at all utilities and nonutilities except for cogenerators. Includes small power producers, exempt wholesale generators, and generators at industrial and commercial facilities which provide electricity for on-site use and for sales to utilities.

2/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

3/ Cogenerators produce electricity and other useful thermal energy. Includes sales to utilities and generation for own use.

4/ Other gaseous fuels include refinery and still gas.

5/ Other includes hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

6/ In 1996 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

7/ Prices represent average revenue per kilowatthour.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 commercial and transportation sales derived from: Total transportation plus commercial sales come from Energy Information Administration (EIA), State Energy Data Report 1994. Online.

<http://ftp.eia.doe.gov/pub/state.data/021494.pdf> (August 26, 1997), but individual sectors do not match because sales taken from commercial and placed in transportation, according to Oak Ridge National Laboratories, Transportation Energy Data Book 16 (July 1996) which indicates the transportation value should be higher. 1996 generation by electric utilities, nonutilities, and cogenerators, net electricity imports, residential sales, and industrial sales: EIA, Annual Energy Review 1996, DOE/EIA-0384(96) (Washington, DC, July 1997). 1996 residential electricity prices derived from EIA, Short Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). 1996 electricity prices for commercial, industrial, and transportation; price components; and projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 9. Electricity Generating Capability (Thousand Megawatts)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Summer Net Capability 1/																											
Cogenerators 7/																											
Capability																											
Coal	9.2	9.2	9.7	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	0.3%
Petroleum	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.5%
Natural Gas	31.4	31.7	32.3	33.9	34.1	34.3	34.5	34.6	34.7	35.4	36.2	36.5	36.8	36.9	37.1	37.3	37.4	37.6	37.4	37.2	37.0	37.0	36.8	36.7	36.6	0.6%	
Other Gaseous Fuels	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.1%	
Renewables 4/	5.9	5.9	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9	7.0	7.1	7.1	7.2	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	1.0%	
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total	48.8	49.1	50.8	52.6	52.9	53.2	53.4	53.6	53.9	54.6	55.3	55.7	56.0	56.3	56.6	56.8	57.1	57.3	57.2	57.1	56.9	56.8	56.6	56.5	56.5	0.6%	
Cumulative Additions 5/	18.2	18.5	20.1	22.0	22.2	22.5	22.8	23.0	23.2	23.9	24.7	25.0	25.4	25.6	25.9	26.2	26.4	26.6	26.6	26.4	26.2	26.2	26.0	25.9	25.8	1.5%	

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand.
2/ Includes grid-connected utilities and nonutilities except for cogenerators. Includes small power producers, exempt wholesale generators, and generators at industrial and commercial facilities which produce electricity for on-site use and sales to utilities.
3/ Includes oil-, gas-, and dual-fired capability.
4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar and wind power.
5/ Cumulative additions after December 31, 1995. Non-zero utility planned additions in 1995 indicate units operational in 1995 but not supplying power to the grid.
6/ Cumulative total retirements from 1990.
7/ Nameplate capacity is reported for nonutilities on Form EIA-867, "Annual Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to the net summer capability based on historic relationships.
N/A = Not applicable.
Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for nonutility generators for AEO98. Net summer capacity is used to be consistent with electric utility capacity estimates. Data for electric utility capacity are the most recent data available as of August 25, 1997. Therefore, capacity estimates may differ from other Energy Information Administration sources.
Sources: 1996 net summer capability at electric utilities and planned additions: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generator Report." Net summer capability for nonutilities and cogeneration in 1996 and planned additions estimated based on EIA, Form EIA-867, "Annual Nonutility Power Producer Report." Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 10. Electricity Trade (Billion Kilowatthours, Unless Otherwise Noted)																								1996- 2020		
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Interregional Electricity Trade																										
Gross Domestic Firm Power Sales	173.4	167.9	161.7	159.9	149.3	143.4	142.7	141.4	141.6	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	-0.9%
Gross Domestic Economy Sales	55.1	72.3	71.8	75.6	72.7	74.2	72.3	72.3	70.1	58.3	48.6	47.7	45.7	42.4	39.6	41.8	44.9	48.3	51.1	49.5	44.8	46.9	42.8	45.4	52.0	-0.2%
Gross Domestic Trade	228.5	240.2	233.5	235.5	222.0	217.6	215.0	213.7	211.8	197.5	187.8	187.0	184.9	181.6	178.8	181.0	184.1	187.5	190.4	188.8	184.1	186.1	182.0	184.7	191.3	-0.7%
Gross Domestic Firm Power Sales (million 1996 dollars)	8050	7795	7507	7425	6932	6656	6623	6563	6576	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	6463	-0.9%
Gross Domestic Econom Sales (million 1996 dollars)	1310	1617	1501	1609	1588	1673	1617	1631	1554	1920	1828	2120	2144	1971	1884	1977	2140	2287	2317	2259	2044	2031	1862	1995	2211	2.2%
Gross Domestic Sales (million 1996 dollars)	9361	9411	9008	9034	8520	8329	8240	8194	8130	8382	8291	8583	8607	8434	8347	8440	8603	8750	8780	8722	8506	8493	8325	8458	8673	-0.3%
International Electricity Trade																										
Firm Power Imp. From Can.&Mex. 1/	26.1	22.1	21.5	19.8	66.1	58.0	57.8	57.8	61.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	-6.2%
Economy Imp. From Canada&Mex.1/	20.7	20.9	20.3	20.4	22.2	29.3	29.8	31.6	33.1	35.9	27.5	27.2	25.3	26.5	25.5	25.1	23.6	22.0	20.4	19.6	19.6	19.6	19.6	19.6	19.6	-0.2%
Gross Imp. From Canada & Mex. 1/	46.8	43.0	41.7	40.2	88.3	87.3	87.7	89.4	94.8	41.5	33.2	32.9	30.9	32.1	31.1	30.8	29.3	27.7	26.0	25.2	25.2	25.2	25.2	25.2	25.2	-2.5%
Firm Power Exports To Canada&Mex.	2.8	2.7	3.7	8.8	8.3	8.3	8.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	6.7%
Economy Exports To Canada & Mex.	6.4	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.7%
Gross Exports To Canada & Mex.	9.3	8.8	9.9	15.1	14.7	14.8	15.0	20.1	20.2	20.3	20.5	20.6	20.7	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	3.5%

1/ Historically electric imports were primarily from renewable resources, principally hydroelectric.

Note: Totals may not equal sum of components due to independent rounding. Firm Power Sales are capacity sales, meaning the delivery of the power is scheduled as part of the normal operating conditions of the affected electric systems. Economy Sales are subject to curtailment or cessation of delivery by the supplier in accordance with prior agreements or under specified conditions.

Sources: 1996 interregional electricity trade data: Energy Information Administration (EIA), Bulk Power Data System. 1996 international electricity trade data: DOE Form FE-718R, "Annual Report of International Electrical Export/Import Data." Firm/economy share: National Energy Board, Annual Report 1993. Planned interregional and international firm power sales: DOE Form IE-411, "Coordinated Bulk Power Supply Program Report," April 1995. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 11. Petroleum Supply and Disposition Balance (Million Barrels per Day, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Crude Oil																										
Domestic Crude Production ^{1/}	6.48	6.41	6.39	6.34	6.27	6.19	6.12	6.08	6.04	6.00	5.97	5.92	5.87	5.82	5.76	5.69	5.61	5.54	5.44	5.35	5.26	5.18	5.10	5.02	4.94	-1.1%
Alaska	1.40	1.30	1.21	1.17	1.13	1.09	1.05	1.02	0.97	0.93	0.89	0.86	0.82	0.78	0.74	0.71	0.68	0.64	0.61	0.59	0.56	0.54	0.51	0.49	0.47	-4.4%
Lower 48 States	5.08	5.11	5.18	5.16	5.14	5.10	5.07	5.07	5.07	5.07	5.07	5.07	5.06	5.04	5.02	4.98	4.94	4.90	4.83	4.76	4.70	4.64	4.59	4.53	4.47	-0.5%
Net Imports	7.40	7.81	7.94	8.74	8.82	9.19	9.44	9.57	9.71	9.77	9.83	9.88	9.94	10.00	10.10	10.18	10.28	10.44	10.60	10.72	10.85	10.95	11.04	11.14	11.31	1.8%
Gross Imports	7.51	7.91	8.04	8.89	8.97	9.34	9.59	9.70	9.84	9.87	9.93	9.98	10.04	10.08	10.15	10.33	10.43	10.57	10.65	10.72	10.85	10.95	11.04	11.14	11.35	1.7%
Exports	0.11	0.10	0.10	0.15	0.15	0.15	0.15	0.13	0.14	0.10	0.10	0.10	0.10	0.08	0.05	0.15	0.15	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.05	-3.5%
Other Crude Supply ^{2/}	0.33	0.22	0.27	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Crude Supply	13.87	14.22	14.33	15.07	15.08	15.38	15.56	15.65	15.75	15.78	15.79	15.80	15.81	15.82	15.86	15.87	15.89	15.98	16.05	16.07	16.12	16.13	16.14	16.16	16.25	0.7%
Natural Gas Plant Liquids	1.83	1.84	1.86	1.85	1.82	1.81	1.85	1.87	1.91	1.98	2.01	2.12	2.16	2.21	2.26	2.31	2.36	2.42	2.48	2.52	2.55	2.58	2.60	2.62	2.62	1.5%
Other Inputs ^{3/}	0.39	0.32	0.30	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.24	0.25	0.26	0.27	0.28	0.23	0.26	0.27	0.29	0.30	0.29	0.29	0.30	0.32	0.31	-1.0%
Refinery Processing Gain ^{4/}	0.84	0.84	0.86	0.80	0.81	0.84	0.84	0.84	0.85	0.83	0.83	0.82	0.81	0.81	0.79	0.77	0.75	0.76	0.75	0.76	0.74	0.74	0.74	0.72	0.69	-0.8%
Net Product Imports ^{5/}	1.10	1.24	1.35	1.32	1.59	1.63	1.68	1.79	1.91	1.95	2.06	1.92	1.97	2.05	2.12	2.33	2.44	2.46	2.57	2.66	2.72	2.86	2.93	2.98	3.07	4.4%
Gross Refined Prod. Imports	1.39	1.49	1.58	1.52	1.78	1.80	1.81	1.90	2.01	2.06	2.20	2.00	2.08	2.19	2.19	2.27	2.33	2.37	2.49	2.64	2.59	2.72	2.78	2.87	2.85	3.0%
Unfinished Oil Imports	0.37	0.39	0.41	0.57	0.57	0.62	0.65	0.67	0.71	0.68	0.69	0.70	0.69	0.69	0.72	0.77	0.79	0.80	0.83	0.80	0.88	0.87	0.88	0.85	0.90	3.8%
Ethers Imported	0.05	0.05	0.05	0.02	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.07	0.07	0.07	0.05	0.04	0.04	0.05	0.04	0.03	0.08	1.6%
Blending Components Import.	0.17	0.17	0.17	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Exports	0.87	0.85	0.85	0.79	0.80	0.83	0.82	0.83	0.86	0.85	0.89	0.84	0.85	0.88	0.84	0.78	0.76	0.78	0.80	0.82	0.78	0.78	0.77	0.77	0.75	-0.6%
Total Primary Supply ^{6/}	18.03	18.46	18.71	19.31	19.58	19.94	20.21	20.44	20.70	20.81	20.94	20.90	21.01	21.16	21.31	21.50	21.70	21.89	22.14	22.31	22.43	22.60	22.70	22.80	22.94	1.0%
Refined Petrol. Products Supp.																										
Motor Gasoline ^{7/}	7.99	8.12	8.25	8.39	8.52	8.66	8.79	8.89	9.00	9.06	9.08	9.06	9.04	9.04	9.06	9.09	9.14	9.18	9.25	9.30	9.34	9.41	9.45	9.48	9.52	0.7%
Jet Fuel ^{8/}	1.58	1.61	1.63	1.80	1.84	1.88	1.93	1.98	2.05	2.09	2.14	2.16	2.20	2.25	2.30	2.35	2.41	2.46	2.53	2.57	2.62	2.66	2.70	2.73	2.77	2.4%
Distillate Fuel ^{9/}	3.32	3.48	3.52	3.56	3.61	3.67	3.73	3.77	3.81	3.80	3.81	3.81	3.82	3.85	3.87	3.91	3.94	3.97	3.99	4.00	4.01	4.02	4.02	4.02	4.03	0.8%
Residual Fuel	0.90	0.91	0.82	0.83	0.82	0.86	0.85	0.85	0.84	0.82	0.83	0.81	0.83	0.84	0.85	0.86	0.86	0.87	0.88	0.89	0.90	0.92	0.93	0.94	0.95	0.2%
Other ^{10/}	4.66	4.70	4.70	4.77	4.84	4.91	4.96	4.99	5.05	5.08	5.13	5.12	5.17	5.23	5.28	5.35	5.40	5.48	5.54	5.59	5.60	5.64	5.64	5.67	5.71	N/A
Total	18.45	18.82	18.92	19.36	19.63	19.99	20.26	20.49	20.75	20.86	20.99	20.95	21.05	21.20	21.36	21.56	21.75	21.95	22.19	22.35	22.47	22.64	22.74	22.84	22.98	0.9%
Refined Petrol. Products Supp.																										
Residential and Commercial	1.13	1.13	1.10	1.09	1.08	1.08	1.07	1.06	1.06	1.03	1.01	0.99	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	-0.7%
Industrial ^{11/}	4.87	4.91	4.90	4.97	5.04	5.11	5.18	5.21	5.25	5.29	5.34	5.32	5.37	5.43	5.49	5.56	5.61	5.69	5.76	5.81	5.81	5.85	5.85	5.87	5.92	0.8%
Transportation	12.12	12.42	12.65	13.02	13.25	13.52	13.77	13.99	14.23	14.38	14.49	14.52	14.58	14.67	14.79	14.93	15.09	15.22	15.39	15.51	15.62	15.75	15.84	15.91	16.01	1.2%
Electric Generators ^{12/}	0.33	0.36	0.27	0.28	0.26	0.28	0.25	0.23	0.21	0.16	0.16	0.12	0.12	0.12	0.11	0.10	0.08	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	-4.8%
Total	18.45	18.82	18.92	19.36	19.63	19.99	20.26	20.49	20.75	20.86	20.99	20.95	21.05	21.20	21.36	21.56	21.75	21.95	22.19	22.35	22.47	22.64	22.74	22.84	22.98	0.9%
Discrepancy ^{13/}	-0.42	-0.36	-0.21	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.06	-0.05	-0.05	-0.04	-0.04	-0.06	-0.05	-0.06	-0.05	-0.05	-0.04	-0.05	-0.04	-0.04	-0.04	-9.3%

Table 11. Petroleum Supply and Disposition Balance (Million Barrels per Day, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
World Oil Price (1996 \$/bbl)14/	20.48	18.16	17.98	18.49	19.00	19.25	19.41	19.70	19.91	20.04	19.91	19.77	19.58	19.36	19.15	18.93	18.98	19.11	19.23	19.35	19.46	19.55	19.63	19.71	19.81	-0.1%
Imp. Share of Product Supplied	0.46	0.48	0.49	0.52	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.56	0.57	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.63	1.3%
Net Expenditures for Imp. Crude & Petr.Prod. (billion 96\$ /year)	62.27	58.72	61.82	68.01	72.02	75.83	79.13	82.32	85.40	86.88	87.22	86.69	86.38	86.11	86.36	87.16	88.84	91.10	93.67	95.49	97.70	99.39	101.13	102.46	104.10	2.2%
Domestic Refinery Distill. Cap.	15.4	15.5	15.6	16.1	16.3	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.1	17.1	0.4%
Capacity Utilization Rate (%)	94.0	94.0	95.0	93.7	92.4	93.6	94.4	94.7	95.1	95.2	95.2	95.2	95.2	95.3	95.2	95.1	95.1	95.0	95.1	95.0	95.2	95.2	95.2	94.9	95.2	0.1%

1/ Includes lease condensate.

2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude products supplied.

3/ Includes alcohols, ethers, petroleum product stock withdrawals, domestic sources of blending components, and other hydrocarbons.

4/ Represents volumetric gain in refinery distillation and cracking processes.

5/ Includes net imports of finished petroleum products, unfinished oils, other hydrocarbons, alcohols, ethers, and blending components.

6/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net petroleum imports.

7/ Includes ethanol and ethers blended into gasoline.

8/ Includes naphtha and kerosene types.

9/ Includes distillate and kerosene.

10/ Includes aviation gasoline, liquefied petroleum gas, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, and miscellaneous petroleum products.

11/ Includes consumption by cogenerators.

12/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

13/ Balancing item. Includes unaccounted for supply, losses and gains.

14/ Average refiner acquisition cost for imported crude oil.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 expenditures for imported crude oil and petroleum products based on internal calculations. 1996 product supplied data from Table 2. Other 1996 data: Energy Information Administration (EIA), Petroleum Supply Annual 1996, DOE/EIA-0340(96) (Washington, DC, June 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 12. Petroleum Product Prices (1996 Cents Per Gallon, Unless Otherwise Noted)																									1996-2020	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
World Oil Price (\$/bbl)	20.48	18.16	17.98	18.49	19.00	19.25	19.41	19.70	19.91	20.04	19.91	19.77	19.58	19.36	19.15	18.93	18.98	19.11	19.23	19.35	19.46	19.55	19.63	19.71	19.81	-0.1%
Delivered Sector Product Prices																										
Residential																										
Distillate Fuel	98.4	96.5	91.5	100.0	100.8	101.2	101.9	102.7	104.2	117.6	124.2	133.3	137.0	136.5	137.7	137.6	138.4	139.8	138.0	138.7	138.6	137.0	137.9	138.2	136.9	1.4%
Liquefied Petroleum Gas	100.0	97.0	96.8	98.4	99.6	100.5	102.7	103.4	104.6	111.1	113.5	119.4	120.7	119.3	120.1	119.6	119.9	121.0	120.3	121.1	120.6	118.8	119.1	119.0	118.5	0.7%
Commercial																										
Distillate Fuel	73.1	69.4	68.9	69.3	70.0	70.4	71.1	72.1	73.5	87.0	93.3	102.7	106.5	105.8	107.1	106.8	107.4	109.1	107.3	108.0	107.9	106.2	107.1	107.3	106.0	1.6%
Residual Fuel	48.4	47.1	47.2	44.7	44.7	45.8	45.6	46.9	46.4	61.8	68.7	80.4	84.4	82.2	84.2	84.0	84.4	86.7	86.5	87.3	87.7	84.5	85.0	86.6	85.1	2.4%
Residual Fuel(\$/bbl)	20.35	19.80	19.80	18.76	18.79	19.25	19.17	19.68	19.47	25.97	28.86	33.79	35.47	34.54	35.35	35.28	35.45	36.43	36.31	36.66	36.82	35.48	35.70	36.38	35.75	2.4%
Industrial 1/																										
Distillate Fuel	76.3	70.5	70.1	69.8	70.4	70.8	71.8	73.0	74.5	88.0	94.1	104.0	107.8	107.0	108.6	107.9	108.4	110.6	108.8	109.6	109.4	107.8	108.6	108.9	107.6	1.4%
Liquefied Petroleum Gas	67.3	48.7	48.6	52.5	53.6	54.3	56.5	57.0	58.1	64.3	66.3	72.1	73.2	71.5	72.6	72.1	72.4	73.5	72.6	73.4	72.8	70.8	71.2	71.1	70.6	0.2%
Residual Fuel	44.8	40.2	40.3	37.8	38.2	39.0	39.4	40.4	40.7	56.4	63.4	75.1	79.3	78.0	80.1	80.1	80.6	82.8	81.4	82.3	82.6	80.3	80.9	81.9	80.7	2.5%
Residual Fuel(\$/bbl)	18.81	16.88	16.93	15.86	16.06	16.40	16.55	16.97	17.09	23.68	26.63	31.52	33.32	32.77	33.64	33.66	33.87	34.78	34.20	34.56	34.71	33.72	33.98	34.40	33.89	2.5%
Transportation																										
Diesel Fuel (Distillate) 2/	123.5	116.1	113.4	114.1	114.2	114.4	115.0	116.0	117.5	130.5	136.3	145.0	148.6	147.5	147.9	146.1	145.1	146.5	144.5	144.9	143.5	141.9	142.3	141.9	140.1	0.5%
Jet Fuel 3/	74.6	64.9	64.5	65.9	67.2	68.2	69.3	70.3	72.1	85.1	91.9	99.6	103.3	102.6	103.3	102.8	103.3	104.6	103.1	103.8	104.5	103.2	104.6	104.6	104.0	1.4%
Motor Gasoline 4/	122.5	118.6	116.2	117.3	118.6	120.0	120.4	121.2	122.8	134.2	141.1	147.5	151.0	150.0	150.4	148.8	147.6	148.7	147.0	147.1	147.9	145.4	145.7	146.3	145.5	0.7%
Liquid Petroleum Gas	109.0	109.2	108.9	107.9	108.8	109.4	111.3	111.6	112.6	118.6	120.6	126.0	126.9	125.2	125.6	124.7	124.7	125.5	124.4	124.9	124.1	122.1	122.1	121.7	121.0	0.4%
Residual Fuel	38.2	38.3	38.3	35.9	36.9	37.6	38.1	38.8	40.0	55.6	63.7	74.4	78.8	78.2	80.0	80.1	80.5	82.2	80.7	81.6	81.7	79.8	80.6	81.3	80.2	3.1%
Residual Fuel(\$/bbl)	16.04	16.09	16.09	15.09	15.50	15.79	16.00	16.28	16.80	23.36	26.74	31.23	33.11	32.84	33.59	33.64	33.80	34.54	33.89	34.29	34.30	33.53	33.86	34.13	33.68	3.1%
E85	141.7	141.8	141.8	138.5	140.9	142.5	143.2	144.2	145.3	148.4	149.7	149.7	150.1	148.5	146.5	145.4	143.8	144.3	143.2	142.5	144.1	142.8	143.9	145.6	145.5	0.1%
M85	89.6	89.6	89.7	86.8	87.6	88.6	93.4	94.5	90.5	97.6	100.5	104.1	105.4	104.8	104.8	104.1	104.0	104.7	103.9	104.4	104.5	103.6	103.8	104.2	103.5	0.6%
Electric Generators 5/																										
Distillate Fuel	68.1	63.5	63.1	63.4	64.1	64.6	65.5	66.6	68.1	82.2	88.7	98.5	102.7	102.1	103.6	102.9	103.3	105.4	104.0	104.8	103.1	100.9	101.4	101.5	100.0	1.6%
Residual Fuel	45.9	41.0	41.0	40.7	41.7	41.9	43.0	44.1	45.0	61.6	69.6	82.7	87.1	85.6	88.0	87.9	89.3	92.7	93.4	95.3	95.1	93.0	93.3	94.1	93.3	3.0%
Residual Fuel(\$/bbl)	19.28	17.21	17.22	17.11	17.52	17.60	18.06	18.53	18.91	25.86	29.24	34.74	36.56	35.94	36.95	36.90	37.52	38.92	39.25	40.04	39.96	39.04	39.19	39.51	39.20	3.0%
Refined Petroleum Prod. Prices 6/																										
Distillate Fuel 2/	108.7	103.1	101.1	102.6	103.0	103.4	104.1	105.2	106.7	120.1	126.0	135.1	138.7	137.7	138.5	137.1	136.5	138.0	136.1	136.6	135.5	133.8	134.2	134.0	132.3	0.8%
Jet Fuel 3/	74.6	64.9	64.5	65.9	67.2	68.2	69.3	70.3	72.1	85.1	91.9	99.6	103.3	102.6	103.3	102.8	103.3	104.6	103.1	103.8	104.5	103.2	104.6	104.6	104.0	1.4%
Liquefied Petroleum Gas	73.6	58.1	58.1	61.7	62.9	63.7	66.0	66.8	68.1	74.6	76.8	82.7	84.0	82.4	83.4	83.0	83.3	84.5	83.7	84.5	84.0	82.2	82.6	82.5	82.2	0.5%
Motor Gasoline 4/	122.5	118.6	116.2	117.1	118.4	119.8	120.1	120.9	122.6	134.0	140.9	147.3	150.8	149.8	150.2	148.7	147.4	148.5	146.8	147.0	147.8	145.3	145.5	146.1	145.3	0.7%
Residual Fuel	42.5	40.2	40.0	38.2	38.9	39.5	40.0	40.8	41.6	57.2	64.9	76.0	80.3	79.3	81.1	81.1	81.4	83.3	81.9	82.9	82.9	80.9	81.7	82.4	81.2	2.7%
Residual Fuel(\$/bbl)	17.87	16.88	16.79	16.04	16.34	16.61	16.80	17.12	17.46	24.01	27.27	31.91	33.73	33.32	34.07	34.06	34.20	34.99	34.41	34.81	34.83	33.99	34.30	34.62	34.11	2.7%
Average	102.8	96.6	95.4	96.5	97.6	98.5	99.3	100.2	101.7	113.0	118.8	125.8	128.9	127.6	128.2	126.9	126.3	127.4	125.8	126.2	126.4	124.3	124.8	125.0	124.0	0.8%

1/ Includes cogenerators. Includes Federal and State taxes while excluding county and state taxes.

2/ Low sulfur diesel fuel. Includes Federal and State taxes while excluding county and local taxes.

3/ Kerosene-type jet fuel.

4/ Sales weighted-average price for all grades. Includes Federal and State taxes while excluding county and local taxes.

5/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

6/ Weighted averages of end-use fuel prices are derived from the prices in each sector and the corresponding sectoral consumption.

Sources: 1996 prices for gasoline, distillate, and jet fuel are based on prices in various issues of Energy Information Administration (EIA), Petroleum Marketing Monthly, DOE/EIA-0380(96/03-97/04) (Washington, DC, 1996-97). 1996 prices for all other petroleum products are derived from EIA, State Energy Price and Expenditures Report: 1994, DOE/EIA-0376(94) (Washington, DC, June 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 13. Natural Gas Supply and Disposition (Trillion Cubic Feet per Year)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Production																										
Dry Gas Production 1/	19.02	18.37	18.75	19.98	19.73	19.61	20.09	20.43	20.95	21.65	22.13	23.34	23.78	24.33	25.00	25.49	26.11	26.80	27.43	27.89	28.22	28.49	28.71	28.92	28.97	1.8%
Supplemental Natural Gas 2/	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.08	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-3.0%
Net Imports	2.72	3.03	3.21	3.67	3.88	4.34	4.37	4.44	4.53	4.62	4.70	4.77	4.91	4.99	5.03	5.17	5.29	5.40	5.48	5.57	5.64	5.65	5.68	5.69	5.70	3.1%
Canada	2.76	3.03	3.17	3.59	3.78	4.21	4.21	4.24	4.27	4.32	4.37	4.44	4.57	4.64	4.69	4.78	4.89	5.00	5.08	5.16	5.22	5.24	5.27	5.28	5.29	2.7%
Mexico	-0.02	-0.01	-0.02	-0.02	-0.02	-0.01	-0.01	0.00	0.02	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	N/A
Liquefied Natural Gas	-0.03	0.01	0.05	0.10	0.12	0.14	0.16	0.20	0.23	0.27	0.29	0.29	0.29	0.29	0.29	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	N/A
Total Supply	21.86	21.53	22.09	23.76	23.71	24.06	24.57	24.97	25.59	26.38	26.94	28.22	28.80	29.40	30.09	30.71	31.46	32.26	32.97	33.52	33.92	34.20	34.45	34.68	34.73	1.9%
Consumption by Sector																										
Residential	5.23	4.92	5.11	5.21	5.25	5.25	5.30	5.32	5.37	5.20	5.14	5.06	5.03	5.02	5.00	5.01	5.03	5.02	5.05	5.04	5.05	5.05	5.05	5.04	5.07	-0.1%
Commercial	3.20	3.18	3.32	3.36	3.39	3.41	3.44	3.47	3.51	3.41	3.36	3.30	3.26	3.28	3.27	3.27	3.27	3.27	3.29	3.28	3.28	3.29	3.28	3.27	3.28	0.1%
Industrial 3/	8.43	8.66	8.92	9.15	9.11	9.14	9.13	9.11	9.16	9.26	9.37	9.48	9.49	9.54	9.58	9.60	9.65	9.65	9.60	9.56	9.53	9.47	9.44	9.39	9.27	0.4%
Electric Generators 4/	2.98	2.65	3.25	3.63	3.59	3.89	4.25	4.59	5.00	5.86	6.36	7.61	8.17	8.68	9.28	9.81	10.40	11.15	11.77	12.34	12.70	13.00	13.26	13.53	13.66	6.6%
Lease and Plant Fuel 5/	1.25	1.27	1.29	1.35	1.34	1.33	1.35	1.37	1.40	1.44	1.46	1.53	1.55	1.58	1.61	1.64	1.68	1.72	1.76	1.79	1.81	1.83	1.84	1.85	1.86	1.7%
Pipeline Fuel	0.71	0.74	0.75	0.78	0.74	0.73	0.75	0.75	0.76	0.80	0.81	0.84	0.85	0.87	0.88	0.91	0.94	0.96	0.99	1.01	1.04	1.04	1.05	1.05	1.06	1.7%
Transportation 6/	0.01	0.02	0.02	0.04	0.06	0.08	0.11	0.13	0.15	0.17	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.28	0.29	0.29	0.30	0.30	14.4%
Total	21.82	21.44	22.67	23.52	23.48	23.83	24.33	24.74	25.35	26.15	26.69	27.99	28.55	29.18	29.86	30.48	31.22	32.02	32.74	33.28	33.68	33.96	34.21	34.45	34.50	1.9%
Discrepancy 7/	0.04	0.09	-0.58	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.25	0.23	0.25	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	N/A

1/ Marketed production (wet) minus extraction losses.

2/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

5/ Represents natural gas used in the field gathering and processing plant machinery.

6/ Compressed natural gas used as vehicle fuel.

7/ Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different data reporting systems which vary in scope, format, definition, and respondent type. In addition, 1996 values include net storage injections.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 may differ from published data due to internal conversion factors.

Sources: 1996 supplemental natural gas: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(97/6) (Washington, DC, June 1997). 1996 imports and drygas production derived from: EIA, Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, November 1997). 1996 transportation sector consumption: EIA, AEO98 National Energy Modeling System run FD1998.D080398B. Other 1996 consumption: EIA, Short-Term Energy Outlook August 1997. Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997) with adjustments to end-use sector consumption levels for consumption of natural gas by electric wholesale generators based on EIA, AEO98 National Energy Modeling System run FD1998.D080398B. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 14. Natural Gas Prices, Margins and Revenues (1996 Dollars per Thousand Cubic Feet, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Source Price																										
Aver. Lower 48 Well. Price1/	2.24	2.26	2.11	2.14	2.13	2.11	2.12	2.13	2.15	2.19	2.24	2.34	2.43	2.51	2.62	2.73	2.84	2.95	3.06	3.15	3.24	3.31	3.38	3.45	3.50	1.9%
Average Import Price	1.98	2.05	1.88	2.02	1.87	2.07	2.03	2.07	2.11	2.18	2.19	2.39	2.45	2.55	2.66	2.75	2.84	2.97	3.05	3.15	3.29	3.37	3.46	3.55	3.60	2.5%
Average 2/	2.21	2.23	2.07	2.12	2.08	2.11	2.10	2.12	2.14	2.19	2.23	2.35	2.43	2.52	2.63	2.73	2.84	2.95	3.06	3.15	3.24	3.32	3.40	3.47	3.52	2.0%
Delivered Prices																										
Residential	6.37	6.48	6.05	5.96	5.88	5.93	5.83	5.83	5.78	6.56	6.97	7.55	7.83	7.91	8.09	8.20	8.31	8.48	8.46	8.61	8.69	8.70	8.81	8.93	8.89	1.4%
Commercial	5.43	5.47	5.06	5.03	4.95	5.00	4.92	4.91	4.87	5.62	6.02	6.59	6.86	6.92	7.08	7.18	7.26	7.42	7.37	7.50	7.54	7.50	7.57	7.64	7.57	1.4%
Industrial 3/	3.05	3.11	2.76	2.79	2.77	2.80	2.81	2.85	2.84	3.62	4.01	4.62	4.92	5.02	5.21	5.36	5.48	5.67	5.68	5.83	5.89	5.88	5.97	6.07	6.03	2.9%
Electric Generators 4/	2.70	2.72	2.47	2.66	2.52	2.57	2.57	2.62	2.66	3.40	3.82	4.42	4.75	4.88	5.10	5.27	5.42	5.62	5.63	5.79	5.84	5.82	5.91	5.99	5.94	3.3%
Transportation 5/	5.57	6.66	6.07	5.83	5.68	5.71	5.68	5.75	5.84	6.71	7.31	8.06	8.52	8.72	8.99	9.16	9.30	9.50	9.51	9.66	9.74	9.74	9.85	9.97	9.95	2.4%
Average 6/	4.26	4.30	3.90	3.90	3.84	3.87	3.82	3.84	3.81	4.51	4.89	5.42	5.70	5.79	5.96	6.09	6.20	6.37	6.36	6.50	6.55	6.53	6.62	6.71	6.66	1.9%
Trans.&Distr.Margins by Sect. 7/																										
Residential	4.17	4.25	3.98	3.85	3.79	3.82	3.73	3.71	3.64	4.37	4.74	5.20	5.40	5.39	5.46	5.47	5.47	5.53	5.40	5.46	5.44	5.38	5.41	5.46	5.37	1.1%
Commercial	3.23	3.24	2.99	2.91	2.86	2.89	2.82	2.78	2.72	3.43	3.79	4.24	4.43	4.40	4.45	4.44	4.43	4.47	4.32	4.34	4.29	4.18	4.17	4.18	4.05	0.9%
Industrial 3/	0.84	0.88	0.68	0.67	0.68	0.69	0.70	0.73	0.70	1.43	1.78	2.27	2.49	2.51	2.58	2.63	2.65	2.71	2.62	2.68	2.64	2.56	2.58	2.61	2.51	4.7%
Electric Generators 4/	0.49	0.49	0.40	0.54	0.44	0.47	0.47	0.50	0.51	1.21	1.59	2.07	2.32	2.36	2.47	2.54	2.58	2.67	2.58	2.63	2.59	2.50	2.51	2.53	2.42	6.8%
Transportation 5/	3.37	4.43	4.00	3.71	3.60	3.71	3.58	3.63	3.69	4.52	5.08	5.71	6.09	6.20	6.36	6.43	6.47	6.55	6.45	6.51	6.49	6.42	6.45	6.50	6.43	2.7%
Average 6/	2.05	2.07	1.83	1.78	1.76	1.76	1.72	1.71	1.67	2.33	2.66	3.07	3.27	3.27	3.33	3.36	3.37	3.42	3.30	3.34	3.30	3.21	3.22	3.24	3.14	1.8%
Transmission & Distr. Revenue (billion 1996 dollars)																										
Residential	21.81	20.88	20.33	20.04	19.94	20.05	19.75	19.70	19.52	22.75	24.35	26.31	27.14	27.04	27.32	27.39	27.50	27.76	27.27	27.49	27.49	27.15	27.31	27.53	27.21	0.9%
Commercial	10.34	10.30	9.92	9.78	9.70	9.85	9.70	9.67	9.55	11.70	12.75	13.99	14.45	14.42	14.55	14.54	14.50	14.59	14.20	14.24	14.07	13.77	13.70	13.67	13.27	1.0%
Industrial 3/	7.10	7.58	6.10	6.11	6.22	6.32	6.42	6.63	6.40	13.23	16.68	21.51	23.65	23.90	24.73	25.21	25.53	26.21	25.15	25.59	25.20	24.22	24.30	24.47	23.26	5.1%
Electric Generators 4/	1.47	1.31	1.29	1.98	1.58	1.82	2.00	2.28	2.56	7.09	10.11	15.74	18.97	20.51	22.96	24.90	26.87	29.72	30.32	32.48	32.93	32.52	33.29	34.22	33.02	13.8%
Transportation 5/	0.04	0.07	0.09	0.13	0.20	0.29	0.38	0.47	0.56	0.77	0.94	1.12	1.26	1.35	1.45	1.53	1.61	1.69	1.73	1.80	1.84	1.86	1.90	1.95	1.95	17.5%
Total	40.76	40.13	37.73	38.04	37.63	38.32	38.25	38.75	38.59	55.54	64.82	78.67	85.47	87.22	91.01	93.57	96.01	99.96	98.67	101.59	101.52	99.51	100.50	101.83	98.71	3.8%

1/ Represents lower 48 onshore and offshore supplies.

2/ Quantity-weighted average of the average lower 48 wellhead price and the average price of imports at the U.S. border.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

5/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

6/ Weighted average prices and margins. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

7/ Within the table, "transmission and distribution" margins equal the difference between the delivered price and the source price (average of the wellhead price and the price of imports at the U.S. border) of natural gas and, thus, reflect the total cost of bringing natural gas to market. When the term "transmission and distribution" margins is used in today's natural gas market, it generally does not include the cost of independent natural gas marketers or costs associated with aggregation of supplies, provisions of storage, and other services. As used here, the term includes the cost of all services and the cost of pipeline fuel used in compressor stations.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 industrial delivered prices based on Energy Information Administration (EIA), Manufacturing Energy Consumption Survey 1991. 1996 residential and commercial delivered prices, average lower 48 wellhead price, and average import price: EIA, Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC, June 1997). Other 1996 values, and projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 15. Oil and Gas Supply																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Crude Oil																										
Lower 48 Aver. Wellhead Price 1/ (1996\$ per barrel)	19.41	17.23	17.10	17.65	18.19	18.56	18.78	19.13	19.34	19.54	19.44	19.21	19.07	18.86	18.57	18.17	18.10	18.25	18.45	18.56	18.62	18.60	18.70	18.76	18.79	-0.1%
Production(mill. barrels/day) 2/																										
U.S. Total	6.48	6.41	6.39	6.34	6.27	6.19	6.12	6.08	6.04	6.00	5.97	5.92	5.87	5.82	5.76	5.69	5.61	5.54	5.44	5.35	5.26	5.18	5.10	5.02	4.94	-1.1%
Lower 48 Onshore	3.76	3.72	3.66	3.59	3.52	3.45	3.40	3.39	3.38	3.38	3.39	3.40	3.41	3.42	3.42	3.42	3.41	3.40	3.36	3.32	3.29	3.26	3.23	3.20	3.17	-0.7%
Conventional	3.15	3.12	3.08	3.01	2.94	2.87	2.82	2.79	2.77	2.75	2.74	2.74	2.73	2.72	2.71	2.70	2.69	2.67	2.66	2.65	2.65	2.64	2.63	2.63	2.62	-0.8%
Enhanced Oil Recovery	0.61	0.59	0.58	0.58	0.58	0.58	0.59	0.59	0.61	0.63	0.65	0.66	0.68	0.69	0.71	0.71	0.72	0.72	0.70	0.67	0.64	0.61	0.59	0.57	0.55	-0.4%
Lower 48 Offshore	1.32	1.40	1.53	1.58	1.62	1.65	1.67	1.68	1.69	1.69	1.68	1.66	1.64	1.62	1.59	1.56	1.53	1.50	1.47	1.44	1.42	1.39	1.36	1.33	1.30	-0.0%
Alaska	1.40	1.30	1.21	1.17	1.13	1.09	1.05	1.02	0.97	0.93	0.89	0.86	0.82	0.78	0.74	0.71	0.68	0.64	0.61	0.59	0.56	0.54	0.51	0.49	0.47	-4.4%
L48 End of Yr. Reserve (bill. bbl.)	16.82	16.49	16.15	15.85	15.59	15.41	15.31	15.23	15.21	15.24	15.27	15.28	15.29	15.29	15.29	15.22	15.14	15.07	14.91	14.75	14.59	14.44	14.29	14.16	14.03	-0.8%
Natural Gas																										
Lower 48 Aver. Wellhead Price 1/ (1996\$ per thousand cubic feet)	2.24	2.26	2.11	2.14	2.13	2.11	2.12	2.13	2.15	2.19	2.24	2.34	2.43	2.51	2.62	2.73	2.84	2.95	3.06	3.15	3.24	3.31	3.38	3.45	3.50	1.9%
Production (trill. cubic ft.) 3/																										
U.S. Total	19.01	18.37	18.75	19.98	19.73	19.61	20.09	20.43	20.95	21.65	22.13	23.34	23.78	24.33	25.00	25.49	26.11	26.80	27.43	27.89	28.22	28.49	28.71	28.92	28.97	1.8%
Lower 48 Onshore	13.07	12.89	12.84	13.60	13.35	13.23	13.45	13.77	14.13	14.67	15.14	16.03	16.35	16.77	17.39	17.75	18.31	18.95	19.51	19.95	20.26	20.41	20.47	20.50	20.34	1.9%
Associated-Dissolved 4/	1.84	1.84	1.82	1.80	1.74	1.68	1.62	1.58	1.55	1.52	1.50	1.48	1.47	1.46	1.44	1.43	1.42	1.40	1.39	1.37	1.36	1.34	1.33	1.32	1.30	-1.4%
Non-Associated	11.23	11.05	11.01	11.79	11.61	11.55	11.83	12.20	12.58	13.15	13.64	14.55	14.88	15.32	15.94	16.32	16.90	17.55	18.13	18.58	18.90	19.06	19.14	19.18	19.03	2.2%
Conventional	7.96	7.59	7.77	8.27	8.16	8.13	8.43	8.62	8.86	9.24	9.47	10.03	10.12	10.37	10.67	10.93	11.38	11.83	12.28	12.60	12.75	12.96	13.03	13.09	13.00	2.1%
Unconventional	3.27	3.47	3.24	3.52	3.45	3.42	3.40	3.58	3.72	3.91	4.17	4.52	4.76	4.95	5.28	5.40	5.52	5.72	5.84	5.98	6.15	6.11	6.11	6.10	6.03	2.6%
Lower 48 Offshore	5.50	5.02	5.44	5.90	5.88	5.88	6.13	6.14	6.30	6.45	6.46	6.76	6.88	7.01	7.06	7.17	7.23	7.28	7.34	7.35	7.37	7.48	7.63	7.82	8.02	1.6%
Associated-Dissolved 4/	0.80	0.82	0.84	0.88	0.89	0.90	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.2%
Non-Associated	4.70	4.21	4.60	5.02	4.99	4.98	5.22	5.22	5.38	5.53	5.54	5.84	5.97	6.09	6.15	6.27	6.34	6.39	6.46	6.48	6.51	6.63	6.78	6.98	7.18	1.8%
Alaska	0.43	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.52	0.53	0.54	0.54	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.61	1.4%
Lower 48 End of Yr. Reserves (tcf)	157.23	159.81	161.66	162.76	163.94	165.35	166.53	168.05	169.74	171.61	173.55	174.87	176.46	178.00	179.51	181.07	182.50	183.70	184.67	185.51	186.16	186.49	186.45	185.88	184.71	0.7%
Supplemental Gas Supplies (tcf) 5/	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.08	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-3.0%
Lower 48 Wells (thousands)	22.07	23.54	23.80	24.06	24.11	24.89	25.74	26.25	26.93	28.08	28.75	29.29	29.93	30.38	30.98	31.45	31.84	32.55	33.40	34.22	34.92	35.38	35.92	36.41	36.90	2.2%

Ft. = feet.

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Market production (wet) minus extraction losses.

4/ Gas which occurs in crude oil reserves either as free gas (associated) or as gas in solution with crude oil (dissolved).

5/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 may differ from published data due to internal conversion factors.

Sources: 1996 crude oil lower 48 average wellhead price: Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting. 1996 total wells completed: EIA, Office of Integrated Analysis and Forecasting. 1996 lower 48 onshore, lower 48 offshore, Alaska crude oil production: EIA, Petroleum Supply Annual 1996, DOE/EIA-0340(96) (Washington, DC, June 1997). 1996 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas Monthly, DOE/EIA-0130(97/06) (Washington, DC, June 1997). Other 1996 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 16. Coal Supply, Disposition, and Prices (Million Short Tons per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Production 1/																										
Appalachia	452	466	475	472	471	462	462	460	458	440	419	401	376	374	357	344	324	315	306	304	302	307	299	299	295	-1.8%
Interior	173	168	166	166	166	163	154	152	149	137	133	128	117	121	112	117	109	104	96	89	81	72	73	65	59	-4.4%
West	439	454	489	508	518	549	559	565	567	513	442	383	339	331	316	297	285	265	248	228	217	205	193	186	184	-3.6%
East of the Mississippi	564	571	577	573	569	556	554	549	546	524	511	498	471	464	442	432	409	395	380	373	366	365	360	354	344	-2.0%
West of the Mississippi	500	517	553	573	586	617	621	627	629	565	484	415	361	362	343	326	310	289	269	248	233	218	204	195	194	-3.9%
Total	1064	1088	1131	1146	1155	1173	1175	1176	1175	1090	994	913	832	826	785	758	719	684	650	621	600	583	564	550	538	-2.8%
Net Imports																										
Imports	7	7	7	7	7	7	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	-2.1%
Exports	90	87	88	88	89	90	91	90	90	89	89	89	90	89	89	89	89	90	90	91	91	92	92	93	93	0.1%
Total	-83	-80	-81	-81	-81	-83	-84	-83	-83	-83	-83	-84	-85	-85	-85	-85	-85	-85	-86	-86	-87	-87	-88	-88	-89	0.3%
Total Supply 2/	981	1008	1050	1065	1073	1091	1091	1092	1091	1006	911	830	747	741	700	673	634	599	564	535	513	496	476	461	449	-3.2%
Consumption by Sector																										
Residential and Commercial	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	-0.3%
Industrial 3/	70	69	70	71	71	72	74	75	76	63	56	52	51	51	51	52	53	53	55	55	56	57	57	57	59	-0.7%
Coke Plants	32	32	32	32	31	30	30	29	29	28	27	26	25	24	23	22	21	20	19	19	18	17	17	16	15	-3.0%
Electric Generators 4/	896	903	951	958	967	984	982	982	982	905	838	738	679	649	614	588	556	520	485	455	433	419	400	383	373	-3.6%
Total	1003	1009	1059	1066	1075	1093	1092	1093	1092	1002	927	821	759	729	694	668	635	599	565	534	513	499	480	462	452	-3.3%
Discrepancy and Stock Change 5/																										
	-23	-1	-9	-1	-1	-2	-0	-0	-1	4	-16	9	-12	12	7	6	-1	-0	-1	0	0	-3	-4	-0	-3	N/A
Average Minemouth Price																										
(1996 dollars per short ton)	18.50	18.19	17.58	17.20	16.86	16.24	16.01	15.81	15.62	15.78	15.89	16.09	16.18	15.92	15.81	15.70	15.57	15.47	15.45	15.58	15.57	15.61	15.64	15.65	15.51	-0.7%
(1996\$ per million Btu)	0.87	0.86	0.83	0.81	0.80	0.78	0.76	0.75	0.75	0.75	0.75	0.75	0.75	0.74	0.73	0.73	0.72	0.72	0.71	0.71	0.71	0.71	0.71	0.71	0.70	-0.9%
Deliv. Price(1996\$/short ton) 6/																										
Industrial	32.28	31.13	30.72	30.36	30.06	29.68	29.37	29.11	28.87	56.50	71.00	89.44	97.52	97.87	100.54	101.41	101.69	103.82	99.68	101.58	100.28	96.78	97.41	98.47	94.49	4.6%
Coke Plants	47.33	47.17	46.38	45.87	45.42	45.07	44.84	44.50	44.14	77.15	94.44	116.42	126.09	126.48	129.91	130.88	131.20	133.96	129.07	131.31	130.05	125.86	126.53	127.79	123.32	4.1%
Electric Generators																										
(1996 dollars / short ton)	26.45	25.74	25.32	25.03	24.79	24.42	24.26	24.00	23.78	49.51	62.98	80.58	88.61	87.93	90.53	91.05	91.45	92.87	89.13	91.38	90.44	87.60	88.39	89.59	85.72	5.0%
(1996 dollars /million Btu)	1.29	1.25	1.24	1.22	1.22	1.21	1.20	1.18	1.17	2.42	3.06	3.88	4.24	4.25	4.37	4.41	4.41	4.50	4.31	4.39	4.33	4.16	4.19	4.24	4.07	4.9%
Average	27.52	26.79	26.32	26.01	25.73	25.35	25.17	24.90	24.68	50.73	64.39	82.28	90.45	89.90	92.59	93.18	93.65	95.26	91.56	93.86	92.93	90.00	90.81	92.03	88.15	5.0%
Exports 7/	40.77	40.30	39.65	39.10	38.60	38.07	37.67	37.50	37.23	36.96	36.66	36.40	36.07	35.85	35.66	35.27	34.92	34.75	34.52	34.25	34.08	33.74	33.47	33.25	33.07	-0.9%

1/ Includes anthracite, bituminous coal, and lignite.

2/ Production plus net imports and net storage withdrawals.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

5/ Balancing item: the sum of production, net imports, and net storage minus total consumption.

6/ Sectoral prices weighted by consumption tonnage; weighted average excludes residential/ commercial prices and export free-alongside-ship (f.a.s.) prices.

7/ F.a.s. price at U.S. port of exit.

N/A = Not applicable.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 1996 data derived from: Energy Information Administration (EIA), Coal Industry Annual 1996, DOE/EIA-0584(96) (Washington, DC, November 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 17. Renewable Energy Generating Capability and Generation (Thousand Megawatts, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Electricity																										
Elect.Generators (excl.cogen)1/																										
Net Summer Capability (gigawatt)																										
Conventional Hydropower	77.66	77.86	78.07	79.34	79.39	79.41	79.49	79.62	79.67	79.74	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80	0.1%
Geothermal 2/	3.02	3.02	3.02	3.02	3.02	3.02	3.00	2.91	2.81	2.99	2.89	3.03	3.23	3.23	3.13	3.30	3.51	3.47	3.49	3.55	3.77	4.03	4.21	4.24	4.24	1.4%
Municipal Solid Waste 3/	3.26	3.29	3.33	3.37	3.40	3.45	3.49	3.54	3.58	3.66	3.72	3.79	3.85	3.92	3.99	4.06	4.13	4.20	4.26	4.32	4.36	4.39	4.40	4.41	4.42	1.3%
Wood and Other Biomass 4/	1.64	1.64	1.64	1.64	1.64	1.71	1.76	1.76	1.76	2.25	2.25	2.32	2.32	2.32	2.91	3.50	4.10	4.67	5.32	6.13	7.00	8.14	9.44	10.56	11.81	8.6%
Solar Thermal	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.39	0.43	0.43	0.44	0.45	0.46	0.47	0.48	0.48	0.49	0.51	0.52	0.53	0.54	1.7%
Solar Photovoltaic	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.08	0.10	0.12	0.17	0.20	0.22	0.25	0.28	0.31	0.35	0.38	0.42	0.45	0.49	0.52	0.56	18.0%
Wind	1.85	1.86	2.09	2.48	2.55	2.55	2.68	2.79	2.99	3.44	4.05	4.78	5.60	6.39	7.54	8.62	10.13	11.89	13.85	16.07	18.88	21.69	24.72	27.94	31.31	12.5%
Total	87.81	88.04	88.52	90.22	90.39	90.54	90.82	91.03	91.24	92.53	93.20	94.22	95.39	96.28	98.01	99.98	102.40	104.81	107.55	110.74	114.72	119.00	123.56	128.00	132.69	1.7%
Generation																										
Conventional Hydropower	346.28	338.33	304.09	307.35	310.33	310.32	310.79	311.67	312.07	312.55	312.96	312.96	312.97	312.99	313.00	313.02	313.04	313.06	313.07	313.08	313.10	313.11	313.11	313.12	313.12	-0.4%
Geothermal 2/	15.70	17.23	17.23	17.24	17.25	17.29	17.38	16.98	16.46	17.76	17.29	18.27	19.53	19.53	19.04	20.49	21.96	21.94	22.28	22.68	24.60	26.43	27.63	28.35	28.49	2.5%
Municipal Solid Waste 3/	18.85	21.98	22.24	22.51	22.78	23.07	23.38	23.71	24.02	24.53	24.98	25.44	25.88	26.32	26.81	27.32	27.80	28.27	28.70	29.09	29.39	29.54	29.66	29.73	29.77	1.9%
Wood and Other Biomass 4/	7.27	8.74	8.85	8.85	8.85	9.17	9.37	9.37	9.37	21.00	20.55	20.60	20.21	19.79	23.63	27.50	31.32	35.04	39.24	44.57	50.49	58.32	67.25	74.89	83.48	10.7%
Solar Thermal	0.82	0.92	0.92	0.92	0.92	0.92	0.93	0.94	0.95	0.96	0.97	0.99	1.11	1.13	1.15	1.18	1.21	1.24	1.27	1.30	1.33	1.37	1.40	1.44	1.47	2.5%
Solar Photovoltaic	0.00	0.03	0.04	0.04	0.05	0.07	0.09	0.13	0.16	0.20	0.25	0.30	0.48	0.54	0.60	0.68	0.75	0.83	0.92	1.00	1.09	1.18	1.27	1.36	1.45	29.4%
Wind	3.17	3.92	4.51	5.50	5.67	5.67	5.98	6.27	6.81	8.03	9.73	11.78	14.08	16.30	19.38	22.24	26.24	31.24	36.89	43.43	51.74	60.18	69.54	79.52	89.81	15.0%
Total	392.09	391.15	357.87	362.40	365.85	366.51	367.92	369.06	369.85	385.03	386.73	390.34	394.24	396.58	403.61	412.40	422.31	431.59	442.35	455.15	471.74	490.12	509.84	528.40	547.60	1.4%
Cogenerators 5/																										
Net Summer Capability (gigawatt)																										
Municipal Solid Waste	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.2%
Wood and Other Biomass	5.44	5.45	5.94	6.02	6.08	6.15	6.23	6.28	6.34	6.38	6.41	6.44	6.49	6.55	6.62	6.70	6.77	6.83	6.88	6.92	6.92	6.93	6.93	6.94	6.94	1.0%
Total	5.87	5.87	6.38	6.46	6.52	6.59	6.67	6.72	6.79	6.83	6.85	6.89	6.93	6.99	7.07	7.14	7.22	7.28	7.33	7.36	7.37	7.38	7.38	7.39	7.39	1.0%
Generation																										
Municipal Solid Waste	2.21	2.22	2.23	2.23	2.24	2.25	2.25	2.26	2.27	2.27	2.28	2.28	2.29	2.29	2.29	2.30	2.30	2.31	2.31	2.31	2.31	2.32	2.32	2.32	2.32	0.2%
Wood and Other Biomass	39.40	39.50	39.89	40.62	41.24	41.90	42.62	43.14	43.77	44.37	44.82	45.25	45.74	46.34	47.04	47.78	48.47	49.08	49.59	49.90	50.01	50.11	50.16	50.24	50.30	1.0%
Total	41.61	41.72	42.12	42.85	43.48	44.15	44.87	45.40	46.03	46.64	47.10	47.53	48.02	48.63	49.34	50.08	50.77	51.38	51.90	52.21	52.32	52.43	52.47	52.55	52.62	1.0%

1/ Includes grid-connected utilities and nonutilities other than cogenerators. These nonutility facilities include small power producers, exempt wholesale generators and generators at industrial and commercial facilities which do not produce steam for other uses.

2/ Includes hydrothermal resources only (hot water and steam).

3/ Includes landfill gas.

4/ Includes projections for energy crops after 2010.

5/ Cogenerators produce electricity and other useful thermal energy.

Notes: Totals may not equal sum of components due to independent rounding. Net summer capability has been estimated for nonutility generators for AEO98. Net summer capability is used to be consistent with electric utility capacity estimates. Data for electric utility capacity are the most recently available as of August 25, 1997. Additional retirements are also determined on the basis of the size and age of the units. Therefore, capacity estimates may differ from other Energy Information Administration sources.

Sources: 1996 electric utility capability: Energy Information Administration (EIA), Form EIA-860 "Annual Electric Utility Report," 1996 nonutility and cogenerator capability: Form EIA-867, "Annual Nonutility Power Producer Report." 1996 generation: EIA, Annual Energy Review 1996, DOE/EIA-0384(96) (Washington, DC, July 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 18. Renewable Energy, Consumption by Sector and Source 1/ (Quadrillion Btu per Year)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Marketed Renewable Energy 2/																										
Residential	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.2%
Wood	0.61	0.60	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.2%
Commercial 3/	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1%
Biomass	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1%
Industrial 4/	1.82	1.89	1.90	1.93	1.96	1.99	2.02	2.05	2.08	2.11	2.13	2.15	2.17	2.20	2.24	2.27	2.30	2.33	2.36	2.37	2.38	2.38	2.38	2.39	2.39	1.1%
Conventional Hydroelectric	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	N/A
Municipal Solid Waste	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Biomass	1.78	1.85	1.87	1.90	1.92	1.96	1.99	2.01	2.04	2.07	2.09	2.11	2.14	2.17	2.20	2.23	2.27	2.30	2.32	2.33	2.34	2.35	2.35	2.35	2.36	1.2%
Transportation	0.10	0.11	0.12	0.12	0.14	0.15	0.16	0.18	0.17	0.18	0.14	0.17	0.19	0.21	0.23	0.19	0.22	0.24	0.27	0.29	0.30	0.29	0.34	0.38	0.38	5.6%
Ethanol used in E85 5/	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	N/A
Ethanol used in Gas. Blending	0.10	0.11	0.12	0.10	0.13	0.13	0.13	0.14	0.12	0.12	0.08	0.09	0.10	0.12	0.13	0.09	0.11	0.12	0.15	0.16	0.17	0.16	0.20	0.24	0.24	3.6%
Electric Generators 6/	4.40	4.43	4.09	4.14	4.18	4.19	4.21	4.22	4.23	4.40	4.41	4.47	4.54	4.57	4.63	4.75	4.91	4.98	5.09	5.23	5.43	5.64	5.85	6.04	6.23	1.5%
Conventional Hydroelectric	3.56	3.48	3.13	3.16	3.19	3.19	3.19	3.20	3.21	3.21	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	-0.4%
Geothermal	0.43	0.47	0.48	0.48	0.48	0.49	0.49	0.48	0.47	0.51	0.50	0.53	0.57	0.57	0.56	0.60	0.68	0.65	0.66	0.68	0.74	0.79	0.83	0.85	0.85	2.9%
Municipal Solid Waste	0.30	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.44	0.45	0.46	0.47	0.47	0.47	0.47	0.48	0.48	1.9%
Biomass	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.19	0.18	0.18	0.18	0.18	0.21	0.25	0.28	0.31	0.35	0.40	0.45	0.52	0.60	0.67	0.74	10.7%
Solar Thermal	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	29.4%
Wind	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0.23	0.27	0.32	0.38	0.45	0.53	0.62	0.71	0.82	0.92	15.0%
Total Marketed Renew. Energy	6.94	7.03	6.74	6.80	6.90	6.95	7.01	7.06	7.09	7.29	7.29	7.40	7.52	7.60	7.71	7.84	8.06	8.17	8.35	8.52	8.74	8.95	9.21	9.45	9.65	1.4%
Non-Marketed Renewable Energy -- Selected Consumption 7/																										
Residential	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	4.3%
Solar Hot Water Heating	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.3%
Ground-Source Heat Pumps	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	6.8%
Commercial	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%
Solar Thermal	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	4.2%

1/ Actual heat rates used to determine fuel consumption for all renewable fuels except hydropower, solar, and wind. Consumption at hydroelectric, solar, and wind facilities determined by using the fossil fuel equivalent of 10,280 Btu per kilowatt-hour.

2/ Includes nonelectric renewable energy groups for which the energy source is bought and sold in the marketplace, although all transactions may not necessarily be marketed, and marketed renewable energy inputs for electricity entering the marketplace on the electric power grid. Excludes electricity imports; see Table 8.

3/ Value is less than 0.005 quadrillion Btu per year and rounds to zero.

4/ Includes all electricity production by industrial and other cogenerators for the grid and for own use.

5/ Excludes motor gasoline component of E85.

6/ Includes renewable energy delivered to the grid from electric utilities and nonutilities. Renewable energy used in generating electricity for own use is included in the individual sectoral electricity energy consumption values.

7/ Includes selected renewable energy consumption data for which the energy is not bought or sold, either directly or indirectly as an input to marketed energy. The Energy Information Administration does not estimate or project total consumption of nonmarketed renewable energy.

N/A = Not applicable.

Btu = British thermal unit.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: 1996 electric generators: Energy Information Administration (EIA), Form EIA-860, "Annual Electric Utility Report" and EIA, Form EIA-867, "Annual Nonutility Power Producer Report." 1996 ethanol: EIA, Petroleum Supply Annual 1996, DOE/EIA-0340(96/1) (Washington, DC, June 1997). Other 1996: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020	
Residential																											
Petroleum	27.3	26.2	25.9	25.5	25.3	25.0	24.7	24.5	24.3	23.4	23.0	22.4	22.2	21.9	21.7	21.6	21.6	21.4	21.3	21.2	21.1	21.1	20.9	20.8	20.8	-1.1%	
Natural Gas	77.4	72.8	75.7	77.2	77.8	77.8	78.5	78.8	79.5	77.1	76.1	74.9	74.5	74.3	74.2	74.2	74.5	74.4	74.8	74.7	74.8	74.8	74.8	74.7	75.1	-0.1%	
Coal	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-1.3%	
Electricity	179.9	181.6	195.3	197.0	200.2	205.3	206.1	207.7	209.4	199.3	190.2	179.0	172.2	168.2	164.7	162.4	159.9	156.5	153.8	152.4	151.8	151.8	151.1	150.1	149.9	-0.8%	
Total	286.0	282.1	298.4	301.2	304.8	309.5	310.7	312.3	314.6	301.0	290.5	277.5	270.0	265.5	261.7	259.3	257.0	253.2	251.0	249.3	248.8	248.7	247.8	246.6	246.8	-0.6%	
Commercial																											
Petroleum	15.3	14.2	12.8	12.8	12.8	12.7	12.7	12.7	12.6	12.2	12.0	11.7	11.6	11.6	11.5	11.6	11.5	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.2	-1.3%	
Natural Gas	47.4	47.2	49.1	49.7	50.2	50.5	51.0	51.4	52.0	50.5	49.8	48.8	48.3	48.6	48.4	48.5	48.5	48.4	48.8	48.6	48.6	48.8	48.7	48.5	48.6	0.1%	
Coal	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.2%	
Electricity	164.8	171.4	180.2	183.5	183.2	185.2	186.0	187.4	188.5	179.5	170.4	159.6	152.4	149.1	145.8	143.4	140.5	137.6	134.7	132.7	131.1	130.6	128.9	127.0	125.3	-1.1%	
Total	229.6	234.8	244.3	248.2	248.4	250.7	252.0	253.8	255.4	244.5	234.4	222.3	214.5	211.4	207.9	205.6	202.7	199.6	197.1	194.9	193.3	193.0	191.1	189.0	187.4	-0.8%	
Industrial 1/																											
Petroleum	104.8	102.9	102.9	104.6	105.8	107.0	108.2	108.4	108.6	109.7	110.6	109.4	110.8	112.1	113.1	114.7	115.7	117.7	119.6	121.3	121.2	122.4	122.6	123.3	124.8	0.7%	
Natural Gas 2/	142.8	145.2	149.5	153.7	152.9	153.1	153.4	153.3	154.5	156.5	158.5	161.0	161.5	162.6	163.7	164.4	165.7	166.3	166.1	165.9	165.7	165.1	164.8	164.4	162.6	0.5%	
Coal	59.3	62.4	63.3	63.6	63.3	64.0	64.9	65.2	65.7	58.2	54.1	51.1	50.2	50.1	50.1	50.4	50.8	50.9	51.6	51.2	51.4	51.7	51.5	51.2	51.8	-0.6%	
Electricity	169.2	177.8	183.9	187.4	185.9	189.6	191.3	192.8	194.5	188.3	180.4	168.9	161.6	157.5	154.0	151.9	148.7	145.6	142.0	139.0	136.2	135.3	132.7	130.4	128.5	-1.1%	
Total	476.1	488.3	499.5	509.2	507.9	513.7	517.8	519.7	523.2	512.8	503.6	490.4	484.0	482.3	480.9	481.5	480.9	480.5	479.4	477.4	474.5	474.5	471.6	469.3	467.7	-0.1%	
Transportation																											
Petroleum 3/	457.9	470.5	479.9	494.5	502.9	512.9	522.4	530.5	539.8	545.6	550.6	551.5	553.8	557.4	561.7	567.8	573.5	578.5	584.8	589.2	593.0	598.1	600.9	603.1	606.6	1.2%	
Natural Gas 4/	10.5	11.2	11.5	12.1	11.8	12.1	12.7	13.0	13.5	14.4	14.7	15.3	15.6	16.1	16.5	17.0	17.5	18.0	18.7	19.0	19.5	19.7	19.9	20.0	20.2	2.8%	
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8	N/A	
Electricity	2.8	3.0	3.1	3.1	3.1	3.2	3.3	3.5	3.8	3.9	3.9	3.9	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	1.2%
Total 3/	471.2	484.8	494.6	509.9	518.2	528.7	539.1	548.0	558.4	565.4	570.9	572.6	575.4	579.7	584.5	591.4	597.7	603.3	610.4	615.2	619.6	625.0	628.1	630.6	634.3	1.2%	
Total Carbon Emissions 6/																											
Petroleum	605.3	613.7	621.5	637.4	646.8	657.6	668.0	676.0	685.3	691.0	696.2	695.1	698.3	703.0	708.1	715.7	722.3	729.0	737.2	743.1	746.8	753.0	755.7	758.5	763.5	1.0%	
Natural Gas	278.1	276.4	285.8	292.7	292.7	293.5	295.6	296.6	299.5	298.6	299.1	300.0	299.9	301.6	302.8	304.1	306.3	307.1	308.4	308.2	308.7	308.4	308.2	307.6	306.5	0.4%	
Coal	62.8	66.0	66.9	67.2	67.0	67.7	68.6	68.9	69.4	61.7	57.5	54.4	53.4	53.4	53.3	53.6	54.0	54.0	54.8	54.4	54.5	54.9	54.7	54.4	55.0	-0.6%	
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8	N/A	
Electricity	516.7	533.7	562.5	571.0	572.5	583.3	586.6	591.4	596.2	571.0	544.9	511.4	490.1	478.6	468.3	461.6	453.0	443.5	434.3	428.0	422.9	421.5	416.5	411.3	407.5	-1.0%	
Total 3/	1462.9	1490.0	1536.8	1568.5	1579.3	1602.6	1619.6	1633.9	1651.6	1623.7	1599.4	1562.8	1543.9	1538.9	1535.0	1537.7	1538.3	1536.6	1537.8	1536.9	1536.3	1541.3	1538.6	1535.4	1536.2	0.2%	
Electric Generators 7/																											
Petroleum	15.5	17.4	13.1	13.5	12.2	13.6	11.8	11.0	10.2	7.7	7.5	6.0	5.8	5.8	5.1	4.8	3.8	3.5	3.1	3.1	3.4	3.8	4.3	4.5	4.6	-5.0%	
Natural Gas	40.3	39.1	47.9	53.5	52.9	57.3	62.6	67.5	73.7	86.3	93.7	111.9	120.2	127.8	136.5	144.3	153.1	164.0	173.3	181.5	186.9	191.3	195.2	199.2	201.0	6.9%	
Coal	460.9	477.2	501.5	504.0	507.3	512.4	512.3	512.9	512.3	476.9	443.7	393.5	364.0	345.0	326.7	312.5	296.0	276.0	257.9	243.3	232.6	226.4	217.0	207.6	201.9	-3.4%	
Total	516.7	533.7	562.5	571.0	572.5	583.3	586.6	591.4	596.2	571.0	544.9	511.4	490.1	478.6	468.3	461.6	453.0	443.5	434.3	428.0	422.9	421.5	416.5	411.3	407.5	-1.0%	

Table 19. Carbon Emissions by Sector and Source (Million Metric Tons per Year, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
Total Carbon Emissions 8/																										
Petroleum	620.8	631.2	634.5	650.9	659.0	671.2	679.8	687.0	695.6	698.7	703.7	701.0	704.2	708.8	713.2	720.4	726.1	732.5	740.4	746.2	750.2	756.9	760.0	763.0	768.1	0.9%
Natural Gas	318.4	315.5	333.7	346.2	345.6	350.7	358.1	364.1	373.1	384.9	392.8	412.0	420.2	429.4	439.3	448.4	459.4	471.2	481.6	489.7	495.6	499.7	503.4	506.8	507.5	2.0%
Coal	523.7	543.2	568.4	571.2	574.3	580.1	580.9	581.9	581.7	538.7	501.2	447.9	417.4	398.4	379.9	366.1	350.0	330.0	312.8	297.7	287.2	281.3	271.6	262.0	256.9	-2.9%
Other 5/	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8	N/A
Total 3/	1462.9	1490.0	1536.8	1568.5	1579.3	1602.6	1619.6	1633.9	1651.6	1623.7	1599.4	1562.8	1543.9	1538.9	1535.0	1537.7	1538.3	1536.6	1537.8	1536.9	1536.3	1541.3	1538.6	1535.4	1536.2	0.2%
Carbon Emissions (tons per person)	5.5	5.5	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.7	-0.6%

1/ Includes consumption by cogenerators.

2/ Includes lease and plant fuel.

3/ This includes international bunker fuels which, by convention, are excluded from the international accounting of carbon emissions. In the years 1989 through 1996, international bunker fuels account for 22 to 24 million metric tons of carbon annually.

4/ Includes pipeline fuel natural gas and compressed natural gas used as vehicle fuel.

5/ Includes methanol and liquid hydrogen.

6/ Measured for delivered energy consumption.

7/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

8/ Measured for total energy consumption, with emissions for electric power generators distributed to the primary fuels.

N/A = Not applicable

Note: Totals may not equal sum of components due to independent rounding.

Sources: Carbon coefficients from Energy Information Administration, (EIA) Emissions of Greenhouse Gases in the United States 1996, DOE/EIA-0573(96) (Washington,DC, October 1997). 1996 consumption estimates based on: EIA, Short Term Energy Outlook, August 1997, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/aug97/index.html> (August 21, 1997). Projections: EIA, AEO98 National Energy Modeling System run FD1998.D080398B.

Table 20. Macroeconomic Indicators (Billion 1992 Chain-Weighted Dollars, Unless Otherwise Noted)																										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1996-2020
GDP Chain-Type Price Index (1992=1.000)	1.102	1.125	1.151	1.178	1.207	1.238	1.271	1.305	1.341	1.393	1.444	1.497	1.548	1.596	1.645	1.698	1.754	1.812	1.871	1.936	2.004	2.074	2.148	2.227	2.308	3.1%
Real Gross Domestic Product	6928	7165	7332	7497	7670	7841	8001	8160	8338	8495	8620	8747	8894	9065	9268	9477	9690	9876	10033	10172	10298	10428	10559	10686	10808	1.9%
Real Consumption	4714	4865	5010	5131	5232	5332	5430	5523	5625	5730	5816	5909	6010	6125	6258	6400	6559	6710	6848	6978	7095	7214	7337	7460	7582	2.0%
Real Investment	1069	1182	1223	1266	1311	1355	1391	1417	1459	1488	1511	1533	1580	1636	1716	1797	1869	1920	1948	1963	1981	2010	2040	2070	2099	2.9%
Real Government Spending	1258	1270	1288	1294	1302	1309	1321	1340	1361	1385	1402	1420	1437	1454	1473	1492	1511	1532	1551	1569	1583	1594	1606	1615	1623	1.1%
Real Exports	857	954	1013	1090	1191	1296	1404	1521	1639	1749	1853	1956	2062	2177	2296	2416	2528	2628	2724	2820	2916	3011	3106	3201	3296	5.8%
Real Imports	971	1109	1213	1295	1373	1453	1545	1636	1740	1854	1967	2086	2221	2362	2520	2686	2852	3017	3177	3335	3488	3651	3822	3998	4179	6.3%
Real Disposable Personal Income	5077	5216	5376	5510	5611	5724	5834	5946	6073	6218	6323	6430	6533	6650	6794	6943	7097	7256	7404	7539	7655	7776	7898	8026	8151	2.0%
AA Utility Bond Rate (percent)	7.57	7.60	7.34	7.17	7.07	6.98	6.94	7.00	7.09	7.39	7.45	7.55	7.52	7.42	7.38	7.35	7.31	7.39	7.54	7.68	7.82	7.94	8.02	8.19	8.33	N/A
Real Yield on Government 10 Year Bonds (percent)	4.99	5.01	4.98	4.89	4.30	3.94	3.78	3.78	3.80	3.89	3.65	3.53	3.50	3.54	3.64	3.68	3.67	3.72	3.82	3.93	3.99	4.04	4.03	4.10	4.17	N/A
Energy Intensity (thousand Btu/92 dollar of GDP)																										
Delivered Energy	10.13	9.91	9.88	9.88	9.76	9.68	9.61	9.52	9.44	9.25	9.12	8.98	8.86	8.75	8.63	8.51	8.41	8.31	8.26	8.19	8.13	8.07	7.99	7.92	7.86	-1.1%
Total Energy	13.53	13.14	13.14	13.14	13.00	12.89	12.78	12.65	12.52	12.16	11.90	11.63	11.40	11.21	10.99	10.79	10.62	10.46	10.35	10.23	10.14	10.05	9.94	9.85	9.77	-1.3%
Consumer Price Ind. (1982-4=1.00)	1.57	1.61	1.65	1.69	1.74	1.79	1.85	1.91	1.97	2.06	2.15	2.24	2.33	2.41	2.49	2.59	2.68	2.78	2.88	2.99	3.11	3.23	3.35	3.48	3.62	3.5%
Unemployment Rate (percent)	5.38	4.97	4.92	5.16	5.28	5.40	5.51	5.66	5.71	5.80	6.09	6.40	6.57	6.57	6.38	6.14	5.81	5.58	5.53	5.57	5.69	5.77	5.82	5.86	5.91	N/A
Unit Sales Light-Duty Veh.(mill)	15.10	15.06	15.41	15.53	15.50	15.37	15.39	15.35	15.46	15.19	14.98	14.93	15.12	15.50	15.96	16.30	16.64	16.80	16.86	16.76	16.57	16.54	16.65	16.69	16.70	0.4%
Millions of People																										
Pop. w/Armed Forces Overseas	266.1	268.5	270.9	273.3	275.6	277.9	280.2	282.5	284.8	287.1	289.4	291.8	294.1	296.5	298.9	301.4	303.8	306.3	308.7	311.2	313.7	316.1	318.6	321.0	323.5	0.8%
Population (aged 16 and over)	204.2	206.4	208.5	210.7	212.8	214.9	217.1	219.2	221.5	223.8	226.2	228.6	230.9	233.2	235.4	237.6	239.7	241.8	243.8	245.8	247.8	249.8	251.7	253.6	255.6	0.9%
Labor Force	133.9	136.5	138.6	140.6	142.1	143.7	145.1	146.5	148.1	149.7	151.1	152.4	153.3	154.4	155.6	156.8	157.5	158.4	159.2	159.9	160.4	160.8	161.2	161.6	161.9	0.8%

GDP = Gross domestic product.

Btu = British thermal unit.

N/A = Not applicable.

Source: Simulation of the Data Resources, Inc. (DRI) Model of the U.S. Economy (1990 + 14%, Personal Income Tax Rebate).