

**Table 1. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**01 - New England**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.26	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22	-0.8%
Kerosene	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	-2.1%
Liquefied Petroleum Gas	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	-0.6%
Petroleum Subtotal	0.30	0.30	0.30	0.29	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	0.26	0.25	0.25	0.25	0.25	-0.8%
Natural Gas	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.23	1.2%
Coal	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	-0.5%
Renewable Energy 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	0.7%
Electricity	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	1.0%
Delivered Energy	0.65	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.70	0.3%
Electricity Related Losses	0.27	0.30	0.32	0.34	0.33	0.33	0.33	0.33	0.32	0.32	0.31	0.31	0.31	0.30	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.5%
Total	0.92	0.98	0.99	1.02	1.01	1.01	1.00	1.01	1.00	1.00	1.00	0.99	1.00	0.99	0.97	0.97	0.98	0.99	0.99	0.99	1.00	0.99	0.4%
<b>Commercial</b>																							
Distillate Fuel	0.06	0.07	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	-0.7%
Residual Fuel	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	-0.1%
Kerosene	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	-0.3%
Liquefied Petroleum Gas	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	0.5%
Motor Gasoline 2/	0.00	0.01	0.01	0.01	0.01	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	-0.3%
Petroleum Subtotal	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	-0.5%
Natural Gas	0.16	0.17	0.17	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	0.19	0.7%
Coal	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	0.5%
Renewable Energy 3/	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	0.0%
Electricity	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.7%
Delivered Energy	0.44	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.4%
Electricity Related Losses	0.29	0.32	0.34	0.36	0.35	0.34	0.34	0.35	0.34	0.33	0.33	0.33	0.33	0.31	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.30	0.2%
Total	0.72	0.77	0.79	0.81	0.81	0.80	0.80	0.81	0.81	0.80	0.80	0.80	0.81	0.80	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.78	0.4%
<b>Industrial 4/</b>																							
Distillate Fuel	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	1.1%
Liquefied Petroleum Gas	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	0.9%
Petrochemical Feedstocks	0.02	0.01	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	0.8%
Residual Fuel	0.07	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-0.1%
Motor Gasoline 2/	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	1.0%
Other Petroleum 5/	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	0.05	0.05	0.05	0.9%
Petroleum Subtotal	0.16	0.15	0.16	0.16	0.16	0.16	0.17	0.17	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	0.5%
Natural Gas 6/	0.14	0.14	0.14	0.14	0.14	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	0.9%
Metallurgical Coal	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
Steam Coal	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	0.1%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	2.8%
Renewable Energy 7/	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	0.17	0.17	0.17	0.17	0.17	0.7%
Electricity	0.09	0.09	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	0.10	0.10	0.10	0.10	0.11	0.8%
Delivered Energy	0.54	0.54	0.54	0.55	0.56	0.57	0.58	0.59	0.59	0.60	0.60	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.8%
Electricity Related Losses	0.16	0.18	0.18	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.17	0.3%
Total	0.70	0.71	0.73	0.75	0.76	0.77	0.77	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.79	0.80	0.80	0.81	0.81	0.81	0.6%

**Table 1. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**01 - New England**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Transportation</b>																							
Distillate Fuel	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	0.16	0.16	0.16	0.5%
Jet Fuel 8/	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	2.2%
Motor Gasoline 2/	0.74	0.77	0.79	0.80	0.81	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.93	0.94	0.95	0.95	0.96	0.96	1.2%
Residual Fuel	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	0.02	0.02	0.02	0.02	0.02	0.02	1.8%
Liquefied Petroleum Gas	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	5.6%
Other Petroleum 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	0.2%
Petroleum Subtotal	0.98	1.02	1.04	1.06	1.07	1.09	1.11	1.12	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.22	1.23	1.24	1.25	1.25	1.26	1.27	1.2%
Pipeline Fuel Natural Gas	0.01	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	0.01	0.01	0.01	0.01	0.01	1.2%
Compressed Natural Gas	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	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	12.9%
Renewables (E85) 10/	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	16.1%
Methanol (M85) 11/	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	14.0%
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	N/A
Electricity	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	0.01	0.01	0.01	3.9%
Delivered Energy	0.99	1.03	1.05	1.07	1.09	1.11	1.13	1.15	1.16	1.18	1.19	1.21	1.22	1.23	1.24	1.26	1.27	1.28	1.29	1.30	1.31	1.31	1.3%
Electricity Related Losses	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	3.4%
Total	1.00	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.17	1.19	1.20	1.22	1.23	1.24	1.25	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.3%
<b>Delivered Energy Consumption All Sectors</b>																							
Distillate Fuel	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.48	0.47	0.47	0.47	-0.2%
Kerosene	0.02	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	-1.7%
Jet Fuel 8/	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	2.2%
Liquefied Petroleum Gas	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.4%
Motor Gasoline 2/	0.75	0.78	0.80	0.81	0.82	0.84	0.85	0.86	0.88	0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	1.2%
Petrochemical Feedstocks	0.02	0.01	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	0.8%
Residual Fuel	0.10	0.09	0.09	0.09	0.09	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	0.10	0.10	0.1%
Other Petroleum 12/	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.8%
Petroleum Subtotal	1.54	1.57	1.59	1.61	1.62	1.64	1.66	1.67	1.68	1.70	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.77	1.78	1.78	1.79	0.7%
Natural Gas 6/	0.48	0.50	0.51	0.51	0.52	0.52	0.53	0.54	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.59	0.59	0.59	0.60	0.60	0.60	1.1%
Metallurgical Coal	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
Steam Coal	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	0.0%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	2.4%
Renewable Energy 13/	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.7%
Methanol (M85) 11/	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	14.0%
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	N/A
Electricity	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.48	0.9%
Delivered Energy	2.62	2.69	2.72	2.76	2.78	2.82	2.85	2.87	2.90	2.93	2.94	2.97	2.98	3.00	3.02	3.05	3.07	3.08	3.09	3.10	3.11	3.13	0.8%
Electricity Related Losses	0.72	0.80	0.85	0.90	0.89	0.87	0.87	0.88	0.87	0.85	0.84	0.83	0.84	0.80	0.77	0.77	0.78	0.79	0.79	0.79	0.80	0.78	0.4%
Total	3.34	3.49	3.57	3.66	3.68	3.69	3.72	3.75	3.77	3.77	3.78	3.80	3.82	3.80	3.79	3.81	3.85	3.87	3.88	3.90	3.92	3.91	0.7%
<b>Electric Generators 14/</b>																							
Distillate Fuel	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	-1.0%
Residual Fuel	0.23	0.16	0.19	0.17	0.18	0.16	0.14	0.13	0.11	0.09	0.08	0.05	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.03	-9.4%
Petroleum Subtotal	0.23	0.16	0.19	0.18	0.18	0.16	0.14	0.13	0.11	0.09	0.08	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-9.3%
Natural Gas	0.20	0.15	0.16	0.17	0.17	0.19	0.22	0.28	0.32	0.35	0.37	0.41	0.43	0.47	0.50	0.51	0.52	0.52	0.52	0.52	0.52	0.52	4.5%
Steam Coal	0.15	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	1.8%
Nuclear Power	0.22	0.31	0.31	0.31	0.31	0.31	0.31	0.26	0.27	0.27	0.27	0.27	0.27	0.23	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	-0.9%
Renewable Energy 15/	0.16	0.15	0.16	0.17	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	1.1%
Electricity Imports 16/	0.16	0.21	0.21	0.27	0.26	0.24	0.22	0.24	0.21	0.18	0.16	0.13	0.14	0.11	0.11	0.10	0.10	0.11	0.11	0.11	0.12	0.11	-1.8%
Total	1.12	1.21	1.26	1.32	1.31	1.30	1.30	1.31	1.31	1.30	1.29	1.29	1.30	1.26	1.24	1.24	1.26	1.26	1.27	1.27	1.28	1.27	0.6%

**Table 1. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
01 - New England**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	0.50	0.51	0.51	0.51	0.51	0.51	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.47	0.47	0.47	-0.2%
Kerosene	0.02	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	-1.7%
Jet Fuel 8/	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	2.2%
Liquefied Petroleum Gas	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.4%
Motor Gasoline 2/	0.75	0.78	0.80	0.81	0.82	0.84	0.85	0.86	0.88	0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	1.2%
Petrochemical Feedstocks	0.02	0.01	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	0.8%
Residual Fuel	0.33	0.24	0.28	0.26	0.27	0.25	0.23	0.22	0.20	0.18	0.17	0.15	0.13	0.13	0.13	0.12	0.13	0.12	0.13	0.13	0.13	0.13	-4.2%
Other Petroleum 12/	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.8%
Petroleum Subtotal	1.77	1.72	1.78	1.78	1.80	1.80	1.80	1.80	1.79	1.79	1.78	1.77	1.76	1.76	1.77	1.78	1.79	1.79	1.80	1.80	1.81	1.81	0.1%
Natural Gas	0.67	0.66	0.66	0.69	0.69	0.71	0.75	0.81	0.86	0.90	0.92	0.97	1.00	1.04	1.07	1.09	1.11	1.11	1.12	1.12	1.12	1.12	2.4%
Metallurgical Coal	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
Steam Coal	0.16	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	1.8%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	0.17	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.9%
Nuclear Power	0.22	0.31	0.31	0.31	0.31	0.31	0.31	0.26	0.27	0.27	0.27	0.27	0.27	0.23	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	-0.9%
Renewable Energy 17/	0.35	0.35	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.43	0.43	0.9%
Methanol (M85) 11/	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	14.0%
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	N/A
Electricity Imports 16/	0.16	0.21	0.21	0.27	0.26	0.24	0.22	0.24	0.21	0.18	0.16	0.13	0.14	0.11	0.11	0.10	0.10	0.11	0.11	0.11	0.12	0.11	-1.8%
Total	3.34	3.49	3.57	3.66	3.68	3.69	3.72	3.75	3.77	3.77	3.78	3.80	3.82	3.80	3.79	3.81	3.85	3.87	3.88	3.90	3.92	3.91	0.7%
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	2.62	2.69	2.72	2.76	2.78	2.82	2.85	2.87	2.90	2.93	2.94	2.97	2.98	3.00	3.02	3.05	3.07	3.08	3.09	3.10	3.11	3.13	0.8%
Total Energy Use	3.34	3.49	3.57	3.66	3.68	3.69	3.72	3.75	3.77	3.77	3.78	3.80	3.82	3.80	3.79	3.81	3.85	3.87	3.88	3.90	3.92	3.91	0.7%
Population (millions)	13.44	13.57	13.63	13.70	13.77	13.83	13.88	13.94	14.00	14.05	14.10	14.16	14.22	14.27	14.33	14.38	14.44	14.49	14.54	14.59	14.63	14.67	0.4%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 2. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**02 - Middle Atlantic**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.33	0.33	0.32	0.32	0.31	0.31	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.24	-1.3%
Kerosene	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	-2.2%
Liquefied Petroleum Gas	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	-1.0%
Petroleum Subtotal	0.39	0.38	0.38	0.37	0.37	0.36	0.36	0.35	0.35	0.34	0.33	0.33	0.33	0.32	0.32	0.31	0.31	0.30	0.30	0.30	0.29	0.29	-1.3%
Natural Gas	0.80	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.88	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.5%
Coal	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	-0.4%
Renewable Energy 1/	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.10	0.3%
Electricity	0.40	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.49	0.9%
Delivered Energy	1.69	1.79	1.79	1.79	1.79	1.79	1.78	1.78	1.78	1.79	1.79	1.78	1.78	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	0.2%
Electricity Related Losses	0.83	0.81	0.82	0.83	0.84	0.86	0.87	0.88	0.89	0.91	0.91	0.91	0.90	0.92	0.94	0.92	0.92	0.92	0.92	0.93	0.94	0.95	0.6%
Total	2.52	2.60	2.61	2.62	2.63	2.65	2.65	2.67	2.67	2.70	2.70	2.69	2.69	2.71	2.72	2.71	2.70	2.71	2.70	2.71	2.72	2.73	0.4%
<b>Commercial</b>																							
Distillate Fuel	0.12	0.12	0.12	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	0.10	-0.8%
Residual Fuel	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	0.07	0.07	0.07	0.07	-0.3%
Kerosene	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	-0.5%
Liquefied Petroleum Gas	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%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.19	-0.6%
Natural Gas	0.55	0.59	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.61	0.5%
Coal	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%
Renewable Energy 3/	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	0.0%
Electricity	0.47	0.49	0.49	0.50	0.50	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.53	0.53	0.53	0.53	0.53	0.5%
Delivered Energy	1.28	1.32	1.33	1.34	1.34	1.35	1.35	1.36	1.36	1.37	1.38	1.38	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.38	1.37	0.3%
Electricity Related Losses	0.99	0.96	0.97	0.98	0.99	1.00	1.02	1.03	1.04	1.05	1.06	1.05	1.05	1.07	1.08	1.06	1.05	1.04	1.04	1.04	1.03	1.03	0.2%
Total	2.27	2.28	2.30	2.32	2.33	2.35	2.37	2.39	2.40	2.42	2.44	2.43	2.44	2.46	2.48	2.45	2.44	2.43	2.43	2.43	2.42	2.40	0.2%
<b>Industrial 4/</b>																							
Distillate Fuel	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	1.0%
Liquefied Petroleum Gas	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.7%
Petrochemical Feedstocks	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	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	0.8%
Residual Fuel	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.3%
Motor Gasoline 2/	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.0%
Other Petroleum 5/	0.38	0.48	0.49	0.49	0.48	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.48	0.50	0.48	0.48	0.49	1.2%
Petroleum Subtotal	0.65	0.74	0.75	0.76	0.76	0.77	0.78	0.78	0.79	0.79	0.79	0.79	0.79	0.79	0.80	0.80	0.81	0.80	0.81	0.80	0.80	0.81	1.0%
Natural Gas 6/	0.63	0.64	0.64	0.65	0.67	0.68	0.69	0.70	0.71	0.71	0.71	0.72	0.72	0.72	0.73	0.74	0.74	0.75	0.75	0.76	0.76	0.77	0.9%
Metallurgical Coal	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	-1.6%
Steam Coal	0.14	0.14	0.14	0.14	0.14	0.14	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	0.0%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	0.43	0.43	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.40	0.40	0.39	0.39	0.39	0.38	0.38	0.38	0.37	0.37	0.36	0.36	0.36	-0.9%
Renewable Energy 7/	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.6%
Electricity	0.30	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.8%
Delivered Energy	2.21	2.31	2.33	2.34	2.37	2.39	2.42	2.44	2.44	2.45	2.45	2.45	2.45	2.46	2.47	2.48	2.50	2.49	2.51	2.49	2.50	2.52	0.6%
Electricity Related Losses	0.63	0.60	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.67	0.66	0.66	0.67	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.5%
Total	2.84	2.91	2.92	2.95	2.98	3.02	3.06	3.09	3.10	3.11	3.11	3.11	3.10	3.13	3.16	3.16	3.18	3.17	3.19	3.18	3.19	3.22	0.6%

**Table 2. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**02 - Middle Atlantic**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.4%
Jet Fuel 8/	0.39	0.41	0.42	0.43	0.44	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.58	0.59	0.60	0.61	0.62	0.63	2.2%
Motor Gasoline 2/	1.80	1.85	1.87	1.89	1.91	1.93	1.95	1.97	1.99	2.00	2.02	2.04	2.05	2.05	2.06	2.08	2.09	2.10	2.10	2.11	2.12	2.13	0.8%
Residual Fuel	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	1.9%
Liquefied Petroleum Gas	0.00	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	5.3%
Other Petroleum 9/	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	0.1%
Petroleum Subtotal	2.73	2.82	2.85	2.89	2.92	2.97	3.00	3.04	3.07	3.10	3.13	3.16	3.18	3.20	3.22	3.25	3.28	3.30	3.32	3.34	3.36	3.38	1.0%
Pipeline Fuel Natural Gas	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.4%
Compressed Natural Gas	0.00	0.01	0.01	0.01	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	12.2%
Renewables (E85) 10/	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	0.01	0.01	0.01	0.01	15.5%
Methanol (M85) 11/	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	13.5%
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	N/A
Electricity	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	0.02	0.02	0.02	0.02	3.5%
Delivered Energy	2.79	2.89	2.93	2.97	3.01	3.06	3.10	3.14	3.18	3.22	3.25	3.28	3.31	3.33	3.36	3.40	3.43	3.45	3.47	3.49	3.51	3.53	1.1%
Electricity Related Losses	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	3.2%
Total	2.81	2.91	2.95	2.99	3.03	3.08	3.13	3.17	3.21	3.25	3.28	3.32	3.34	3.37	3.40	3.44	3.47	3.49	3.51	3.53	3.55	3.57	1.1%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.91	0.91	0.91	0.90	0.90	0.90	0.90	0.89	0.89	0.89	0.88	-0.3%
Kerosene	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	0.04	0.04	0.04	0.04	0.04	0.04	-1.4%
Jet Fuel 8/	0.39	0.41	0.42	0.43	0.44	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.58	0.59	0.60	0.61	0.62	0.63	2.2%
Liquefied Petroleum Gas	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	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	0.5%
Motor Gasoline 2/	1.81	1.87	1.89	1.91	1.92	1.95	1.97	1.99	2.01	2.02	2.04	2.05	2.06	2.07	2.08	2.10	2.11	2.12	2.12	2.13	2.14	2.14	0.8%
Petrochemical Feedstocks	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	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	0.8%
Residual Fuel	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.8%
Other Petroleum 12/	0.40	0.50	0.51	0.51	0.51	0.51	0.51	0.52	0.51	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.51	0.52	0.50	0.50	0.52	1.2%
Petroleum Subtotal	3.99	4.15	4.20	4.23	4.26	4.31	4.35	4.38	4.41	4.43	4.45	4.48	4.49	4.52	4.54	4.57	4.60	4.60	4.63	4.63	4.64	4.68	0.7%
Natural Gas 6/	2.03	2.15	2.16	2.18	2.20	2.22	2.24	2.25	2.26	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.37	2.38	2.38	0.7%
Metallurgical Coal	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	-1.6%
Steam Coal	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.0%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	0.47	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.44	0.44	0.43	0.43	0.43	0.42	0.42	0.41	0.41	0.41	0.40	0.40	0.40	0.39	-0.8%
Renewable Energy 13/	0.31	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.6%
Methanol (M85) 11/	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	13.5%
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	N/A
Electricity	1.18	1.21	1.22	1.24	1.25	1.27	1.28	1.29	1.30	1.32	1.33	1.33	1.34	1.35	1.36	1.36	1.37	1.38	1.38	1.38	1.39	1.39	0.8%
Delivered Energy	7.98	8.31	8.37	8.44	8.51	8.59	8.66	8.72	8.77	8.82	8.86	8.90	8.93	8.98	9.01	9.05	9.11	9.12	9.15	9.15	9.17	9.22	0.7%
Electricity Related Losses	2.47	2.38	2.40	2.43	2.46	2.52	2.56	2.59	2.61	2.65	2.67	2.66	2.64	2.69	2.74	2.70	2.68	2.68	2.68	2.70	2.70	2.71	0.4%
Total	10.44	10.69	10.78	10.87	10.97	11.11	11.22	11.31	11.39	11.47	11.53	11.56	11.57	11.67	11.75	11.75	11.79	11.80	11.83	11.85	11.87	11.92	0.6%
Electric Generators 14/																							
Distillate Fuel	0.01	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	-5.0%
Residual Fuel	0.21	0.20	0.17	0.14	0.13	0.16	0.15	0.15	0.14	0.13	0.10	0.11	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	-6.4%
Petroleum Subtotal	0.21	0.20	0.18	0.14	0.13	0.16	0.15	0.15	0.14	0.13	0.11	0.11	0.07	0.07	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	-6.3%
Natural Gas	0.30	0.17	0.18	0.21	0.23	0.26	0.32	0.37	0.46	0.51	0.56	0.68	0.75	0.80	0.85	0.95	1.07	1.14	1.19	1.21	1.20	1.21	6.6%
Steam Coal	1.42	1.51	1.54	1.57	1.61	1.67	1.68	1.68	1.69	1.70	1.71	1.70	1.70	1.70	1.71	1.72	1.73	1.74	1.75	1.75	1.76	1.76	1.0%
Nuclear Power	1.38	1.38	1.38	1.38	1.37	1.32	1.32	1.29	1.24	1.24	1.23	1.08	1.03	1.03	1.01	0.88	0.73	0.66	0.60	0.60	0.60	0.60	-3.7%
Renewable Energy 15/	0.30	0.29	0.30	0.31	0.31	0.32	0.32	0.34	0.34	0.35	0.37	0.38	0.40	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	1.9%
Electricity Imports 16/	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.8%
Total	3.64	3.59	3.62	3.67	3.71	3.78	3.84	3.88	3.92	3.97	4.00	3.99	3.98	4.05	4.10	4.07	4.05	4.06	4.06	4.08	4.09	4.10	0.5%

**Table 2. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
02 - Middle Atlantic**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	0.94	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.90	0.90	0.89	0.89	0.89	0.89	-0.3%
Kerosene	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	0.04	0.04	0.04	0.04	0.04	0.04	-1.4%
Jet Fuel 8/	0.39	0.41	0.42	0.43	0.44	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.58	0.59	0.60	0.61	0.62	0.63	2.2%
Liquefied Petroleum Gas	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	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	0.5%
Motor Gasoline 2/	1.81	1.87	1.89	1.91	1.92	1.95	1.97	1.99	2.01	2.02	2.04	2.05	2.06	2.07	2.08	2.10	2.11	2.12	2.12	2.13	2.14	2.14	0.8%
Petrochemical Feedstocks	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	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	0.8%
Residual Fuel	0.40	0.38	0.36	0.33	0.33	0.36	0.35	0.35	0.34	0.33	0.31	0.32	0.29	0.28	0.28	0.27	0.28	0.28	0.27	0.27	0.27	0.28	-1.7%
Other Petroleum 12/	0.40	0.50	0.51	0.51	0.51	0.51	0.51	0.52	0.51	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.51	0.52	0.50	0.50	0.52	1.2%
Petroleum Subtotal	4.20	4.35	4.37	4.37	4.39	4.47	4.50	4.53	4.55	4.56	4.56	4.59	4.57	4.59	4.61	4.62	4.66	4.66	4.68	4.67	4.69	4.73	0.5%
Natural Gas	2.33	2.33	2.34	2.39	2.43	2.48	2.55	2.62	2.73	2.79	2.84	2.98	3.06	3.12	3.19	3.30	3.42	3.50	3.55	3.58	3.58	3.60	2.0%
Metallurgical Coal	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	-1.6%
Steam Coal	1.60	1.69	1.72	1.75	1.79	1.85	1.86	1.87	1.88	1.88	1.89	1.88	1.88	1.88	1.89	1.90	1.91	1.92	1.92	1.93	1.94	1.94	0.9%
Net Coal Coke Imports	0.00	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	5.5%
Coal Subtotal	1.89	1.97	2.00	2.03	2.07	2.12	2.13	2.13	2.14	2.14	2.14	2.13	2.12	2.12	2.13	2.13	2.15	2.14	2.15	2.15	2.16	2.15	0.6%
Nuclear Power	1.38	1.38	1.38	1.38	1.37	1.32	1.32	1.29	1.24	1.24	1.23	1.08	1.03	1.03	1.01	0.88	0.73	0.66	0.60	0.60	0.60	0.60	-3.7%
Renewable Energy 17/	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.68	0.68	0.69	0.71	0.73	0.75	0.78	0.78	0.79	0.79	0.80	0.80	0.80	0.80	0.80	1.3%
Methanol (M85) 11/	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	13.5%
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	N/A
Electricity Imports 16/	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.8%
<b>Total</b>	<b>10.44</b>	<b>10.69</b>	<b>10.78</b>	<b>10.87</b>	<b>10.97</b>	<b>11.11</b>	<b>11.22</b>	<b>11.31</b>	<b>11.39</b>	<b>11.47</b>	<b>11.53</b>	<b>11.56</b>	<b>11.57</b>	<b>11.67</b>	<b>11.75</b>	<b>11.75</b>	<b>11.79</b>	<b>11.80</b>	<b>11.83</b>	<b>11.85</b>	<b>11.87</b>	<b>11.92</b>	<b>0.6%</b>
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	7.98	8.31	8.37	8.44	8.51	8.59	8.66	8.72	8.77	8.82	8.86	8.90	8.93	8.98	9.01	9.05	9.11	9.12	9.15	9.15	9.17	9.22	0.7%
Total Energy Use	10.44	10.69	10.78	10.87	10.97	11.11	11.22	11.31	11.39	11.47	11.53	11.56	11.57	11.67	11.75	11.75	11.79	11.80	11.83	11.85	11.87	11.92	0.6%
Population (millions)	38.30	38.42	38.46	38.52	38.57	38.63	38.69	38.76	38.82	38.89	38.95	39.02	39.08	39.15	39.22	39.28	39.34	39.40	39.45	39.50	39.55	39.59	0.2%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 3. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**03 - East North Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.09	0.09	0.09	0.08	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	0.06	0.06	0.06	-1.5%
Kerosene	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	-0.8%
Liquefied Petroleum Gas	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.1%
Petroleum Subtotal	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	-0.6%
Natural Gas	1.42	1.54	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.54	1.54	1.55	1.55	1.55	1.56	1.57	1.57	1.57	1.58	1.59	0.5%
Coal	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	-0.6%
Renewable Energy 1/	0.04	0.04	0.04	0.04	0.04	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	1.3%
Electricity	0.57	0.60	0.60	0.61	0.62	0.64	0.65	0.65	0.66	0.68	0.69	0.69	0.70	0.71	0.72	0.73	0.73	0.74	0.75	0.75	0.76	0.77	1.4%
Delivered Energy	2.23	2.39	2.39	2.40	2.41	2.42	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.50	2.50	2.51	2.52	2.54	2.54	2.55	2.57	2.59	0.7%
Electricity Related Losses	1.22	1.28	1.33	1.36	1.40	1.40	1.43	1.43	1.44	1.47	1.50	1.52	1.54	1.56	1.56	1.59	1.60	1.62	1.63	1.63	1.65	1.66	1.4%
Total	3.45	3.67	3.72	3.76	3.81	3.82	3.85	3.86	3.88	3.93	3.96	3.99	4.02	4.06	4.06	4.10	4.12	4.16	4.17	4.18	4.22	4.25	1.0%
<b>Commercial</b>																							
Distillate Fuel	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	0.1%
Residual Fuel	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	0.3%
Kerosene	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	-0.1%
Liquefied Petroleum Gas	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	0.7%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.3%
Natural Gas	0.78	0.81	0.82	0.82	0.83	0.83	0.84	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.89	0.89	0.89	0.6%
Coal	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%
Renewable Energy 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	0.0%
Electricity	0.56	0.58	0.59	0.60	0.61	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.67	0.68	0.68	0.69	0.69	0.69	0.69	0.69	0.70	0.70	1.0%
Delivered Energy	1.43	1.49	1.51	1.52	1.53	1.54	1.56	1.57	1.58	1.60	1.61	1.63	1.64	1.65	1.66	1.67	1.68	1.68	1.68	1.69	1.69	1.69	0.7%
Electricity Related Losses	1.21	1.25	1.29	1.32	1.35	1.35	1.38	1.37	1.39	1.41	1.44	1.45	1.47	1.48	1.48	1.50	1.51	1.51	1.51	1.50	1.51	1.51	1.0%
Total	2.64	2.75	2.80	2.84	2.89	2.89	2.93	2.94	2.97	3.01	3.05	3.08	3.12	3.14	3.15	3.17	3.18	3.19	3.20	3.19	3.20	3.19	0.9%
<b>Industrial 4/</b>																							
Distillate Fuel	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	1.4%
Liquefied Petroleum Gas	0.13	0.13	0.13	0.13	0.13	0.13	0.14	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	0.15	0.16	0.9%
Petrochemical Feedstocks	0.18	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.9%
Residual Fuel	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	0.7%
Motor Gasoline 2/	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	1.3%
Other Petroleum 5/	0.64	0.69	0.70	0.71	0.71	0.71	0.72	0.72	0.74	0.74	0.74	0.74	0.74	0.75	0.75	0.76	0.77	0.77	0.78	0.78	0.79	0.79	1.0%
Petroleum Subtotal	1.15	1.20	1.21	1.23	1.24	1.26	1.27	1.29	1.30	1.31	1.32	1.33	1.33	1.34	1.35	1.37	1.39	1.39	1.40	1.41	1.43	1.44	1.0%
Natural Gas 6/	1.41	1.45	1.46	1.48	1.52	1.56	1.59	1.62	1.64	1.65	1.66	1.68	1.69	1.70	1.72	1.74	1.76	1.77	1.78	1.80	1.81	1.83	1.2%
Metallurgical Coal	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.19	-1.6%
Steam Coal	0.40	0.40	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.2%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	0.69	0.69	0.69	0.69	0.69	0.69	0.70	0.70	0.70	0.69	0.69	0.69	0.69	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	-0.1%
Renewable Energy 7/	0.36	0.37	0.38	0.39	0.40	0.40	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.46	0.46	0.47	0.47	0.48	0.49	0.49	1.4%
Electricity	0.76	0.76	0.76	0.77	0.79	0.81	0.82	0.83	0.84	0.85	0.86	0.86	0.87	0.88	0.89	0.91	0.92	0.93	0.94	0.94	0.96	0.97	1.1%
Delivered Energy	4.37	4.47	4.50	4.56	4.64	4.72	4.80	4.85	4.90	4.94	4.96	5.00	5.01	5.05	5.11	5.16	5.22	5.24	5.27	5.31	5.36	5.41	1.0%
Electricity Related Losses	1.64	1.64	1.67	1.71	1.77	1.77	1.82	1.81	1.83	1.86	1.87	1.89	1.91	1.93	1.94	1.98	2.01	2.02	2.04	2.04	2.07	2.09	1.1%
Total	6.01	6.11	6.17	6.26	6.41	6.49	6.62	6.67	6.73	6.79	6.83	6.89	6.93	6.98	7.05	7.15	7.23	7.26	7.32	7.35	7.43	7.50	1.0%

**Table 3. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**03 - East North Central**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.79	0.81	0.81	0.82	0.83	0.84	0.85	0.85	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.5%
Jet Fuel 8/	0.27	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.45	0.45	2.3%
Motor Gasoline 2/	2.50	2.59	2.63	2.68	2.70	2.75	2.78	2.83	2.86	2.90	2.93	2.96	2.98	3.00	3.02	3.05	3.08	3.09	3.11	3.12	3.14	3.16	1.1%
Residual Fuel	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	2.0%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	4.3%
Other Petroleum 9/	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	0.05	0.05	0.05	0.05	0.4%
Petroleum Subtotal	3.62	3.74	3.80	3.86	3.91	3.98	4.03	4.09	4.14	4.18	4.22	4.26	4.29	4.32	4.36	4.40	4.43	4.46	4.48	4.51	4.53	4.56	1.1%
Pipeline Fuel Natural Gas	0.07	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	0.08	0.08	0.09	0.7%
Compressed Natural Gas	0.00	0.01	0.01	0.02	0.02	0.02	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	0.05	0.05	0.05	12.5%
Renewables (E85) 10/	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	0.01	0.01	0.01	0.01	0.01	15.9%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	13.9%
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	N/A
Electricity	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	3.8%
Delivered Energy	3.71	3.84	3.91	3.97	4.03	4.10	4.16	4.22	4.28	4.33	4.37	4.42	4.45	4.49	4.53	4.57	4.62	4.64	4.67	4.70	4.72	4.75	1.1%
Electricity Related Losses	0.02	0.02	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	0.05	0.05	0.05	3.8%
Total	3.73	3.87	3.93	4.00	4.06	4.13	4.19	4.26	4.32	4.37	4.41	4.46	4.50	4.53	4.57	4.62	4.67	4.69	4.72	4.75	4.78	4.80	1.2%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	1.06	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.14	1.14	1.14	1.14	1.14	1.15	1.15	1.16	1.16	1.16	1.17	1.17	1.17	1.17	0.5%
Kerosene	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	-0.7%
Jet Fuel 8/	0.27	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.45	0.45	2.3%
Liquefied Petroleum Gas	0.25	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.8%
Motor Gasoline 2/	2.54	2.62	2.67	2.71	2.74	2.79	2.82	2.87	2.90	2.94	2.97	3.00	3.02	3.04	3.07	3.09	3.12	3.14	3.15	3.17	3.19	3.20	1.1%
Petrochemical Feedstocks	0.18	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.9%
Residual Fuel	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	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Other Petroleum 12/	0.68	0.73	0.74	0.75	0.75	0.76	0.76	0.77	0.78	0.78	0.78	0.79	0.79	0.79	0.80	0.81	0.81	0.82	0.82	0.83	0.83	0.84	1.0%
Petroleum Subtotal	5.02	5.20	5.28	5.35	5.41	5.49	5.56	5.63	5.70	5.75	5.79	5.84	5.87	5.91	5.95	6.01	6.06	6.09	6.12	6.16	6.19	6.23	1.0%
Natural Gas 6/	3.68	3.88	3.89	3.92	3.97	4.02	4.06	4.09	4.11	4.15	4.16	4.19	4.21	4.24	4.27	4.30	4.33	4.35	4.37	4.39	4.41	4.44	0.8%
Metallurgical Coal	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.19	-1.6%
Steam Coal	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	0.45	0.45	0.2%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	0.73	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0.74	0.73	0.73	0.73	0.73	0.73	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	-0.1%
Renewable Energy 13/	0.41	0.43	0.44	0.44	0.45	0.46	0.47	0.48	0.48	0.49	0.49	0.50	0.50	0.51	0.52	0.52	0.53	0.54	0.54	0.55	0.55	0.56	1.5%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	13.9%
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	N/A
Electricity	1.90	1.95	1.97	2.00	2.04	2.07	2.11	2.13	2.16	2.19	2.22	2.24	2.26	2.29	2.31	2.34	2.36	2.38	2.40	2.42	2.44	2.47	1.2%
Delivered Energy	11.74	12.19	12.30	12.45	12.61	12.78	12.94	13.08	13.20	13.32	13.40	13.52	13.59	13.69	13.80	13.92	14.03	14.11	14.17	14.25	14.34	14.43	0.9%
Electricity Related Losses	4.10	4.20	4.31	4.41	4.56	4.56	4.65	4.65	4.70	4.78	4.85	4.91	4.98	5.01	5.03	5.12	5.17	5.21	5.24	5.22	5.28	5.32	1.2%
Total	15.84	16.39	16.61	16.86	17.16	17.34	17.59	17.72	17.90	18.10	18.26	18.42	18.57	18.70	18.83	19.04	19.20	19.31	19.41	19.47	19.62	19.75	1.0%
Electric Generators 14/																							
Distillate Fuel	0.02	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	-2.2%
Residual Fuel	0.02	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	-13.6%
Petroleum Subtotal	0.04	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	-5.4%
Natural Gas	0.14	0.28	0.22	0.23	0.24	0.18	0.25	0.26	0.36	0.44	0.50	0.57	0.64	0.68	0.73	0.79	0.92	0.96	1.09	1.20	1.24	1.27	10.4%
Steam Coal	4.41	4.39	4.57	4.66	4.84	4.94	5.00	5.03	5.07	5.13	5.16	5.18	5.23	5.27	5.35	5.41	5.49	5.51	5.55	5.56	5.61	5.64	1.1%
Nuclear Power	1.24	1.27	1.27	1.27	1.28	1.28	1.29	1.26	1.22	1.21	1.22	1.22	1.19	1.19	1.11	1.11	0.98	0.96	0.83	0.71	0.71	0.71	-2.5%
Renewable Energy 15/	0.07	0.08	0.09	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	0.08	0.09	0.09	0.7%
Electricity Imports 16/	0.09	0.12	0.12	0.15	0.15	0.14	0.13	0.14	0.12	0.10	0.09	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	-1.8%
Total	6.00	6.15	6.28	6.41	6.59	6.62	6.76	6.78	6.86	6.97	7.07	7.15	7.24	7.30	7.35	7.46	7.54	7.59	7.64	7.63	7.73	7.78	1.2%



**Table 3. Energy Consumption by Sector and Source (3 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**03 - East North Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	1.08	1.09	1.09	1.11	1.12	1.13	1.14	1.14	1.15	1.15	1.15	1.15	1.15	1.15	1.16	1.17	1.17	1.18	1.18	1.18	1.18	1.18	0.4%
Kerosene	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	-0.7%
Jet Fuel 8/	0.27	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.45	0.45	2.3%
Liquefied Petroleum Gas	0.25	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.8%
Motor Gasoline 2/	2.54	2.62	2.67	2.71	2.74	2.79	2.82	2.87	2.90	2.94	2.97	3.00	3.02	3.04	3.07	3.09	3.12	3.14	3.15	3.17	3.19	3.20	1.1%
Petrochemical Feedstocks	0.18	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.9%
Residual Fuel	0.04	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	-2.1%
Other Petroleum 12/	0.68	0.73	0.74	0.75	0.75	0.76	0.76	0.77	0.78	0.78	0.78	0.79	0.79	0.79	0.80	0.81	0.81	0.82	0.82	0.83	0.83	0.84	1.0%
Petroleum Subtotal	5.06	5.22	5.29	5.36	5.41	5.50	5.57	5.63	5.70	5.75	5.79	5.85	5.88	5.92	5.96	6.02	6.07	6.11	6.14	6.17	6.21	6.24	1.0%
Natural Gas	3.83	4.16	4.12	4.15	4.21	4.19	4.31	4.35	4.48	4.58	4.66	4.76	4.85	4.92	4.99	5.08	5.25	5.31	5.45	5.58	5.65	5.71	1.8%
Metallurgical Coal	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.19	-1.6%
Steam Coal	4.84	4.83	5.01	5.10	5.28	5.39	5.45	5.48	5.51	5.57	5.61	5.63	5.68	5.72	5.80	5.86	5.94	5.96	6.01	6.02	6.06	6.10	1.1%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	5.13	5.12	5.30	5.39	5.57	5.68	5.74	5.77	5.80	5.86	5.89	5.91	5.96	6.00	6.08	6.13	6.21	6.23	6.27	6.28	6.33	6.36	1.0%
Nuclear Power	1.24	1.27	1.27	1.27	1.28	1.28	1.29	1.26	1.22	1.21	1.22	1.22	1.19	1.19	1.11	1.11	0.98	0.96	0.83	0.71	0.71	0.71	-2.5%
Renewable Energy 17/	0.48	0.51	0.52	0.52	0.53	0.54	0.55	0.56	0.57	0.57	0.58	0.59	0.60	0.60	0.60	0.61	0.62	0.62	0.63	0.63	0.64	0.65	1.4%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	13.9%
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	N/A
Electricity Imports 16/	0.09	0.12	0.12	0.15	0.15	0.14	0.13	0.14	0.12	0.10	0.09	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	-1.8%
<b>Total</b>	<b>15.84</b>	<b>16.39</b>	<b>16.61</b>	<b>16.86</b>	<b>17.16</b>	<b>17.34</b>	<b>17.59</b>	<b>17.72</b>	<b>17.90</b>	<b>18.10</b>	<b>18.26</b>	<b>18.42</b>	<b>18.57</b>	<b>18.70</b>	<b>18.83</b>	<b>19.04</b>	<b>19.20</b>	<b>19.31</b>	<b>19.41</b>	<b>19.47</b>	<b>19.62</b>	<b>19.75</b>	<b>1.0%</b>
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	11.74	12.19	12.30	12.45	12.61	12.78	12.94	13.08	13.20	13.32	13.40	13.52	13.59	13.69	13.80	13.92	14.03	14.11	14.17	14.25	14.34	14.43	0.9%
Total Energy Use	15.84	16.39	16.61	16.86	17.16	17.34	17.59	17.72	17.90	18.10	18.26	18.42	18.57	18.70	18.83	19.04	19.20	19.31	19.41	19.47	19.62	19.75	1.0%
Population (millions)	44.22	44.57	44.75	44.94	45.13	45.31	45.49	45.68	45.87	46.03	46.18	46.34	46.49	46.64	46.78	46.92	47.05	47.16	47.28	47.39	47.49	47.58	0.3%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 4. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**04 - West North Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.04	0.04	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	-1.7%
Kerosene	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	-0.2%
Liquefied Petroleum Gas	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	0.05	0.05	0.05	0.05	0.05	0.05	-1.3%
Petroleum Subtotal	0.10	0.11	0.10	0.10	0.10	0.10	0.10	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	-1.4%
Natural Gas	0.44	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53	0.53	0.8%
Coal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	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	-0.5%
Renewable Energy 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	0.2%
Electricity	0.29	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	1.3%
Delivered Energy	0.86	0.93	0.93	0.94	0.94	0.94	0.95	0.95	0.95	0.96	0.96	0.96	0.97	0.98	0.98	0.98	0.99	1.00	1.00	1.00	1.01	1.02	0.7%
Electricity Related Losses	0.76	0.82	0.85	0.87	0.89	0.91	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.94	0.94	0.94	0.94	0.94	1.0%
Total	1.62	1.76	1.78	1.81	1.83	1.86	1.86	1.87	1.87	1.88	1.88	1.89	1.89	1.90	1.90	1.90	1.92	1.93	1.94	1.94	1.95	1.96	0.9%
<b>Commercial</b>																							
Distillate Fuel	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	0.2%
Residual Fuel	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	0.4%
Kerosene	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	-0.1%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.8%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.4%
Natural Gas	0.34	0.35	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.7%
Coal	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	0.7%
Renewable Energy 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	0.0%
Electricity	0.24	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	1.1%
Delivered Energy	0.63	0.66	0.67	0.68	0.68	0.69	0.69	0.70	0.70	0.71	0.72	0.72	0.73	0.74	0.74	0.75	0.75	0.76	0.76	0.76	0.76	0.76	0.8%
Electricity Related Losses	0.65	0.70	0.72	0.75	0.76	0.78	0.78	0.79	0.79	0.79	0.80	0.80	0.80	0.80	0.80	0.79	0.80	0.80	0.80	0.80	0.79	0.79	0.9%
Total	1.28	1.36	1.40	1.43	1.44	1.47	1.48	1.49	1.50	1.50	1.52	1.52	1.53	1.53	1.54	1.54	1.55	1.55	1.56	1.55	1.54	1.54	0.8%
<b>Industrial 4/</b>																							
Distillate Fuel	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	1.4%
Liquefied Petroleum Gas	0.09	0.09	0.09	0.09	0.09	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	0.11	0.11	0.11	1.0%
Petrochemical Feedstocks	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	0.03	0.9%
Residual Fuel	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	0.7%
Motor Gasoline 2/	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	0.04	0.04	0.04	0.04	0.05	0.05	1.3%
Other Petroleum 5/	0.26	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	1.2%
Petroleum Subtotal	0.58	0.61	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.70	0.71	0.72	0.73	0.73	0.74	0.75	0.76	1.2%
Natural Gas 6/	0.48	0.50	0.50	0.50	0.51	0.52	0.54	0.55	0.57	0.58	0.58	0.60	0.60	0.61	0.62	0.62	0.63	0.64	0.64	0.65	0.67	0.68	1.6%
Metallurgical Coal	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
Steam Coal	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.2%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	0.24	0.25	0.26	0.26	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.31	1.0%
Renewable Energy 7/	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	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	1.2%
Electricity	0.27	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	1.1%
Delivered Energy	1.70	1.76	1.77	1.79	1.82	1.86	1.89	1.92	1.95	1.97	1.99	2.01	2.03	2.05	2.07	2.10	2.13	2.14	2.16	2.18	2.21	2.25	1.3%
Electricity Related Losses	0.70	0.72	0.73	0.76	0.79	0.81	0.82	0.82	0.82	0.82	0.82	0.83	0.81	0.81	0.82	0.82	0.84	0.84	0.84	0.84	0.84	0.85	0.9%
Total	2.40	2.48	2.50	2.55	2.61	2.66	2.71	2.74	2.77	2.80	2.81	2.84	2.84	2.86	2.89	2.92	2.96	2.98	3.00	3.03	3.06	3.09	1.2%

**Table 4. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**04 - West North Central**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.51	0.52	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.8%
Jet Fuel 8/	0.16	0.17	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	2.4%
Motor Gasoline 2/	1.22	1.27	1.29	1.32	1.33	1.36	1.37	1.40	1.42	1.43	1.45	1.47	1.48	1.50	1.51	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.2%
Residual Fuel	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	2.3%
Liquefied Petroleum Gas	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	4.7%
Other Petroleum 9/	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	0.03	0.03	0.03	0.03	0.7%
Petroleum Subtotal	1.92	1.99	2.02	2.06	2.09	2.13	2.16	2.19	2.22	2.25	2.27	2.30	2.32	2.34	2.37	2.39	2.42	2.43	2.45	2.47	2.48	2.50	1.2%
Pipeline Fuel Natural Gas	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	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	1.6%
Compressed Natural Gas	0.00	0.00	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	0.02	0.02	0.02	0.02	12.9%
Renewables (E85) 10/	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	0.01	0.01	0.01	0.01	0.01	16.1%
Methanol (M85) 11/	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	0.01	0.01	0.01	14.1%
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	N/A
Electricity	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	4.0%
Delivered Energy	2.01	2.10	2.14	2.17	2.21	2.25	2.28	2.32	2.35	2.39	2.41	2.45	2.47	2.49	2.52	2.55	2.58	2.60	2.61	2.64	2.65	2.67	1.3%
Electricity Related Losses	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	3.7%
Total	2.02	2.11	2.15	2.19	2.22	2.27	2.30	2.34	2.37	2.41	2.43	2.47	2.49	2.52	2.54	2.57	2.60	2.62	2.64	2.66	2.68	2.70	1.3%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	0.73	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.82	0.83	0.83	0.83	0.84	0.85	0.85	0.86	0.86	0.87	0.87	0.87	0.88	0.8%
Kerosene	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	-0.3%
Jet Fuel 8/	0.16	0.17	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	2.4%
Liquefied Petroleum Gas	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.3%
Motor Gasoline 2/	1.26	1.31	1.33	1.35	1.37	1.40	1.42	1.44	1.46	1.48	1.49	1.51	1.53	1.54	1.56	1.57	1.59	1.60	1.61	1.62	1.63	1.64	1.2%
Petrochemical Feedstocks	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	0.03	0.9%
Residual Fuel	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	0.7%
Other Petroleum 12/	0.28	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	1.1%
Petroleum Subtotal	2.64	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.05	3.08	3.11	3.13	3.16	3.19	3.22	3.26	3.28	3.30	3.32	3.35	3.37	1.1%
Natural Gas 6/	1.35	1.45	1.45	1.46	1.47	1.49	1.51	1.53	1.55	1.57	1.58	1.60	1.62	1.63	1.64	1.66	1.67	1.69	1.70	1.71	1.73	1.75	1.2%
Metallurgical Coal	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
Steam Coal	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.2%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	1.0%
Renewable Energy 13/	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	1.1%
Methanol (M85) 11/	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	0.01	0.01	0.01	14.1%
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	N/A
Electricity	0.80	0.83	0.84	0.85	0.86	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.97	0.98	0.99	1.00	1.01	1.01	1.02	1.03	1.04	1.2%
Delivered Energy	5.21	5.45	5.51	5.58	5.65	5.74	5.82	5.89	5.96	6.03	6.08	6.15	6.20	6.26	6.31	6.38	6.45	6.49	6.53	6.58	6.64	6.70	1.1%
Electricity Related Losses	2.12	2.26	2.32	2.40	2.45	2.52	2.53	2.55	2.55	2.56	2.57	2.57	2.55	2.55	2.56	2.55	2.59	2.60	2.60	2.60	2.60	2.60	0.9%
Total	7.33	7.71	7.83	7.98	8.11	8.25	8.35	8.44	8.51	8.59	8.65	8.72	8.75	8.81	8.88	8.93	9.04	9.09	9.13	9.18	9.23	9.29	1.1%
Electric Generators 14/																							
Distillate Fuel	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	-1.1%
Residual Fuel	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.6%
Petroleum Subtotal	0.02	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	-3.0%
Natural Gas	0.08	0.06	0.04	0.03	0.03	0.04	0.04	0.06	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.19	0.24	0.26	0.26	0.27	0.27	0.27	5.9%
Steam Coal	2.19	2.39	2.47	2.56	2.64	2.77	2.80	2.81	2.82	2.82	2.83	2.83	2.84	2.84	2.84	2.85	2.86	2.86	2.86	2.86	2.87	2.87	1.2%
Nuclear Power	0.45	0.45	0.45	0.45	0.44	0.38	0.37	0.37	0.37	0.37	0.37	0.36	0.32	0.32	0.32	0.29	0.28	0.28	0.28	0.28	0.28	0.27	-2.2%
Renewable Energy 15/	0.18	0.18	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.6%
Electricity Imports 16/	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	2.92	3.09	3.16	3.25	3.32	3.39	3.42	3.45	3.46	3.48	3.50	3.51	3.50	3.52	3.54	3.54	3.59	3.60	3.61	3.62	3.63	3.64	1.0%

**Table 4. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
04 - West North Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Total Energy Consumption																							
Distillate Fuel	0.74	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.82	0.83	0.83	0.84	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.87	0.88	0.88	0.8%
Kerosene	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	-0.3%
Jet Fuel 8/	0.16	0.17	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	2.4%
Liquefied Petroleum Gas	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.3%
Motor Gasoline 2/	1.26	1.31	1.33	1.35	1.37	1.40	1.42	1.44	1.46	1.48	1.49	1.51	1.53	1.54	1.56	1.57	1.59	1.60	1.61	1.62	1.63	1.64	1.2%
Petrochemical Feedstocks	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	0.9%
Residual Fuel	0.02	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	-1.8%
Other Petroleum 12/	0.28	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	1.1%
Petroleum Subtotal	2.65	2.75	2.79	2.83	2.87	2.91	2.95	2.99	3.03	3.06	3.09	3.12	3.14	3.17	3.20	3.23	3.27	3.29	3.31	3.33	3.35	3.38	1.1%
Natural Gas	1.43	1.51	1.48	1.49	1.50	1.52	1.55	1.59	1.62	1.65	1.67	1.71	1.75	1.77	1.81	1.84	1.91	1.94	1.96	1.98	2.00	2.02	1.6%
Metallurgical Coal	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
Steam Coal	2.43	2.63	2.71	2.80	2.89	3.01	3.05	3.06	3.07	3.07	3.08	3.08	3.09	3.09	3.09	3.10	3.11	3.11	3.11	3.11	3.12	3.13	1.1%
Net Coal Coke Imports	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	6.4%
Coal Subtotal	2.45	2.66	2.74	2.84	2.92	3.05	3.09	3.11	3.12	3.12	3.13	3.14	3.14	3.15	3.15	3.16	3.17	3.17	3.18	3.18	3.19	3.20	1.2%
Nuclear Power	0.45	0.45	0.45	0.45	0.44	0.38	0.37	0.37	0.37	0.37	0.37	0.36	0.32	0.32	0.32	0.29	0.28	0.28	0.28	0.28	0.28	0.27	-2.2%
Renewable Energy 17/	0.34	0.34	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.41	0.41	0.9%
Methanol (M85) 11/	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	0.01	0.01	0.01	14.1%
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	N/A
Electricity Imports 16/	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	7.33	7.71	7.83	7.98	8.11	8.25	8.35	8.44	8.51	8.59	8.65	8.72	8.75	8.81	8.88	8.93	9.04	9.09	9.13	9.18	9.23	9.29	1.1%
Energy Use & Related Statistics																							
Delivered Energy Use	5.21	5.45	5.51	5.58	5.65	5.74	5.82	5.89	5.96	6.03	6.08	6.15	6.20	6.26	6.31	6.38	6.45	6.49	6.53	6.58	6.64	6.70	1.1%
Total Energy Use	7.33	7.71	7.83	7.98	8.11	8.25	8.35	8.44	8.51	8.59	8.65	8.72	8.75	8.81	8.88	8.93	9.04	9.09	9.13	9.18	9.23	9.29	1.1%
Population (millions)	18.71	18.94	19.05	19.17	19.29	19.40	19.50	19.60	19.70	19.81	19.92	20.04	20.15	20.27	20.39	20.50	20.61	20.71	20.82	20.92	21.01	21.10	0.5%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 5. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**05 - South Atlantic**

1998 -

1998 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2020

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	-1.6%
Kerosene	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.1%
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	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-0.1%
Petroleum Subtotal	0.21	0.21	0.21	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	-0.7%
Natural Gas	0.38	0.41	0.42	0.43	0.44	0.46	0.47	0.48	0.49	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	2.4%
Coal	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	-0.4%
Renewable Energy 1/	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	1.2%
Electricity	0.90	0.95	0.97	0.99	1.01	1.03	1.05	1.07	1.09	1.11	1.13	1.15	1.17	1.19	1.20	1.22	1.23	1.25	1.27	1.28	1.30	1.32	1.7%
Delivered Energy	1.56	1.65	1.68	1.71	1.74	1.77	1.80	1.83	1.86	1.90	1.93	1.96	1.98	2.01	2.03	2.06	2.09	2.12	2.14	2.16	2.19	2.22	1.6%
Electricity Related Losses	1.90	1.94	1.95	1.94	1.98	2.01	2.01	2.00	2.01	2.01	2.01	1.98	1.95	1.95	1.94	1.94	1.94	1.93	1.93	1.95	1.95	1.99	0.2%
Total	3.46	3.59	3.63	3.65	3.72	3.78	3.81	3.83	3.87	3.90	3.93	3.93	3.93	3.96	3.97	4.00	4.02	4.05	4.06	4.11	4.14	4.21	0.9%
<b>Commercial</b>																							
Distillate Fuel	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	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.3%
Residual Fuel	0.01	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.9%
Kerosene	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	0.5%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.2%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.5%
Natural Gas	0.32	0.34	0.34	0.35	0.36	0.36	0.37	0.37	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	1.5%
Coal	0.01	0.01	0.01	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	1.3%
Renewable Energy 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	N/A
Electricity	0.80	0.84	0.86	0.87	0.89	0.91	0.92	0.94	0.95	0.97	0.99	1.00	1.02	1.04	1.05	1.06	1.07	1.08	1.09	1.09	1.10	1.10	1.5%
Delivered Energy	1.25	1.31	1.34	1.36	1.38	1.41	1.43	1.45	1.47	1.50	1.52	1.55	1.57	1.60	1.62	1.63	1.65	1.66	1.67	1.68	1.69	1.70	1.4%
Electricity Related Losses	1.68	1.71	1.72	1.72	1.75	1.76	1.76	1.76	1.76	1.75	1.75	1.72	1.71	1.70	1.70	1.69	1.68	1.66	1.65	1.66	1.65	1.66	0.0%
Total	2.92	3.02	3.06	3.08	3.13	3.16	3.19	3.21	3.23	3.25	3.28	3.27	3.28	3.30	3.31	3.33	3.32	3.32	3.33	3.34	3.34	3.35	0.6%
<b>Industrial 4/</b>																							
Distillate Fuel	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	1.3%
Liquefied Petroleum Gas	0.06	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	0.08	0.08	0.08	0.08	0.08	0.08	0.08	1.1%
Petrochemical Feedstocks	0.17	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	1.1%
Residual Fuel	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	0.11	0.11	0.11	0.11	0.11	0.11	0.11	1.1%
Motor Gasoline 2/	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	0.04	0.04	0.04	0.04	1.4%
Other Petroleum 5/	0.34	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.40	0.41	0.42	0.43	0.43	0.44	0.44	0.45	0.46	1.4%
Petroleum Subtotal	0.84	0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.02	1.03	1.05	1.06	1.07	1.08	1.09	1.11	1.3%
Natural Gas 6/	0.70	0.70	0.70	0.71	0.73	0.75	0.76	0.77	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.86	0.87	0.88	1.0%
Metallurgical Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	-1.8%
Steam Coal	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.33	0.2%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.3%
Renewable Energy 7/	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.48	0.49	0.49	0.9%
Electricity	0.54	0.54	0.54	0.55	0.57	0.58	0.59	0.60	0.61	0.62	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.73	1.4%
Delivered Energy	2.86	2.89	2.91	2.95	3.00	3.05	3.10	3.14	3.17	3.20	3.22	3.25	3.27	3.30	3.34	3.39	3.43	3.46	3.49	3.53	3.56	3.60	1.1%
Electricity Related Losses	1.13	1.10	1.09	1.08	1.11	1.12	1.13	1.12	1.12	1.11	1.10	1.08	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.08	1.08	1.09	-0.1%
Total	3.99	3.99	4.00	4.03	4.11	4.17	4.23	4.26	4.29	4.31	4.32	4.33	4.34	4.37	4.41	4.46	4.50	4.52	4.56	4.60	4.64	4.70	0.7%

**Table 5. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**05 - South Atlantic**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.86	0.89	0.91	0.92	0.94	0.96	0.98	0.99	1.00	1.01	1.02	1.04	1.05	1.06	1.07	1.09	1.11	1.12	1.13	1.14	1.16	1.17	1.4%
Jet Fuel 8/	0.41	0.43	0.45	0.46	0.47	0.49	0.51	0.53	0.54	0.56	0.57	0.59	0.61	0.62	0.64	0.66	0.68	0.70	0.72	0.74	0.76	0.78	3.0%
Motor Gasoline 2/	3.03	3.15	3.22	3.30	3.35	3.43	3.50	3.58	3.65	3.72	3.79	3.87	3.93	4.00	4.06	4.14	4.21	4.27	4.33	4.40	4.46	4.53	1.8%
Residual Fuel	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	2.9%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	6.0%
Other Petroleum 9/	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.3%
Petroleum Subtotal	4.42	4.61	4.72	4.82	4.92	5.03	5.14	5.25	5.36	5.47	5.57	5.68	5.77	5.87	5.97	6.09	6.20	6.30	6.39	6.49	6.59	6.70	1.9%
Pipeline Fuel Natural Gas	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	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	0.8%
Compressed Natural Gas	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	13.4%
Renewables (E85) 10/	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	0.01	0.01	0.02	0.02	0.02	0.02	16.8%
Methanol (M85) 11/	0.00	0.00	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	0.03	0.03	0.03	0.03	0.03	14.8%
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	N/A
Electricity	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	4.7%
Delivered Energy	4.51	4.70	4.81	4.92	5.03	5.15	5.27	5.39	5.51	5.62	5.73	5.84	5.94	6.05	6.16	6.28	6.40	6.50	6.61	6.71	6.81	6.92	2.0%
Electricity Related Losses	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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	3.1%
Total	4.54	4.73	4.84	4.95	5.06	5.18	5.30	5.42	5.54	5.66	5.77	5.88	5.98	6.09	6.20	6.33	6.45	6.55	6.65	6.76	6.86	6.97	2.0%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	1.18	1.21	1.23	1.25	1.27	1.29	1.31	1.33	1.34	1.36	1.36	1.38	1.39	1.40	1.42	1.44	1.45	1.47	1.48	1.49	1.51	1.52	1.1%
Kerosene	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	0.05	0.1%
Jet Fuel 8/	0.41	0.43	0.45	0.46	0.47	0.49	0.51	0.53	0.54	0.56	0.57	0.59	0.61	0.62	0.64	0.66	0.68	0.70	0.72	0.74	0.76	0.78	3.0%
Liquefied Petroleum Gas	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	1.0%
Motor Gasoline 2/	3.06	3.18	3.26	3.33	3.38	3.46	3.53	3.61	3.69	3.76	3.83	3.90	3.97	4.03	4.10	4.17	4.25	4.31	4.37	4.44	4.50	4.57	1.8%
Petrochemical Feedstocks	0.17	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	1.1%
Residual Fuel	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.25	1.9%
Other Petroleum 12/	0.38	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.48	0.49	0.49	0.50	0.51	0.51	0.52	1.4%
Petroleum Subtotal	5.58	5.79	5.91	6.02	6.13	6.26	6.38	6.51	6.63	6.74	6.85	6.97	7.07	7.18	7.29	7.42	7.55	7.66	7.76	7.87	7.98	8.10	1.7%
Natural Gas 6/	1.47	1.52	1.54	1.57	1.61	1.65	1.69	1.72	1.75	1.78	1.81	1.84	1.86	1.89	1.92	1.95	1.98	2.01	2.03	2.05	2.08	2.10	1.6%
Metallurgical Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	-1.8%
Steam Coal	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.3%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.3%
Renewable Energy 13/	0.48	0.49	0.50	0.51	0.51	0.52	0.53	0.53	0.54	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.58	0.58	0.59	0.59	0.60	1.0%
Methanol (M85) 11/	0.00	0.00	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	0.03	0.03	0.03	0.03	0.03	14.8%
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	N/A
Electricity	2.25	2.34	2.38	2.43	2.48	2.53	2.58	2.62	2.67	2.72	2.76	2.80	2.85	2.90	2.94	2.98	3.02	3.05	3.08	3.12	3.15	3.19	1.6%
Delivered Energy	10.17	10.55	10.74	10.94	11.15	11.38	11.60	11.81	12.01	12.22	12.40	12.60	12.77	12.96	13.15	13.37	13.57	13.74	13.91	14.08	14.26	14.44	1.6%
Electricity Related Losses	4.73	4.77	4.78	4.77	4.87	4.92	4.93	4.92	4.93	4.90	4.90	4.82	4.77	4.76	4.74	4.75	4.73	4.70	4.69	4.73	4.73	4.79	0.1%
Total	14.90	15.33	15.52	15.71	16.02	16.30	16.53	16.73	16.94	17.12	17.30	17.42	17.54	17.72	17.90	18.12	18.30	18.44	18.60	18.81	18.99	19.23	1.2%
Electric Generators 14/																							
Distillate Fuel	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.7%
Residual Fuel	0.50	0.33	0.32	0.27	0.22	0.19	0.19	0.21	0.20	0.18	0.17	0.16	0.14	0.14	0.13	0.14	0.15	0.14	0.13	0.13	0.13	0.13	-6.1%
Petroleum Subtotal	0.53	0.34	0.33	0.28	0.24	0.20	0.20	0.21	0.21	0.19	0.18	0.16	0.15	0.14	0.14	0.15	0.16	0.15	0.14	0.14	0.14	0.14	-6.0%
Natural Gas	0.41	0.47	0.39	0.39	0.41	0.43	0.49	0.54	0.59	0.61	0.61	0.66	0.70	0.74	0.80	0.85	0.88	0.91	0.95	0.97	0.99	1.00	4.2%
Steam Coal	3.91	4.16	4.26	4.34	4.52	4.62	4.68	4.74	4.79	4.82	4.86	4.81	4.82	4.85	4.88	4.94	5.02	5.05	5.13	5.21	5.27	5.36	1.4%
Nuclear Power	1.89	1.90	1.90	1.90	1.90	1.90	1.84	1.75	1.71	1.71	1.71	1.69	1.65	1.62	1.56	1.49	1.39	1.33	1.25	1.23	1.18	1.18	-2.1%
Renewable Energy 15/	0.24	0.24	0.27	0.27	0.27	0.29	0.30	0.30	0.31	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.29	0.30	0.30	0.30	0.30	0.30	1.0%
Electricity Imports 16/	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	6.98	7.12	7.16	7.20	7.35	7.45	7.50	7.54	7.59	7.62	7.66	7.63	7.62	7.65	7.68	7.73	7.74	7.75	7.78	7.85	7.89	7.98	0.6%

**Table 5. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
05 - South Atlantic**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Total Energy Consumption																							
Distillate Fuel	1.20	1.23	1.24	1.26	1.28	1.30	1.32	1.33	1.35	1.36	1.37	1.38	1.39	1.41	1.42	1.44	1.46	1.47	1.49	1.50	1.52	1.53	1.1%
Kerosene	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	0.05	0.1%
Jet Fuel 8/	0.41	0.43	0.45	0.46	0.47	0.49	0.51	0.53	0.54	0.56	0.57	0.59	0.61	0.62	0.64	0.66	0.68	0.70	0.72	0.74	0.76	0.78	3.0%
Liquefied Petroleum Gas	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	1.0%
Motor Gasoline 2/	3.06	3.18	3.26	3.33	3.38	3.46	3.53	3.61	3.69	3.76	3.83	3.90	3.97	4.03	4.10	4.17	4.25	4.31	4.37	4.44	4.50	4.57	1.8%
Petrochemical Feedstocks	0.17	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	1.1%
Residual Fuel	0.67	0.50	0.49	0.45	0.40	0.38	0.38	0.40	0.39	0.38	0.37	0.36	0.35	0.35	0.35	0.36	0.38	0.37	0.37	0.37	0.37	0.37	-2.6%
Other Petroleum 12/	0.38	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.48	0.49	0.49	0.50	0.51	0.51	0.52	1.4%
Petroleum Subtotal	6.11	6.13	6.24	6.30	6.36	6.46	6.58	6.72	6.83	6.93	7.03	7.13	7.22	7.32	7.43	7.57	7.71	7.81	7.90	8.01	8.12	8.24	1.4%
Natural Gas	1.88	1.99	1.93	1.96	2.02	2.08	2.18	2.26	2.34	2.39	2.42	2.50	2.56	2.64	2.72	2.80	2.86	2.92	2.98	3.02	3.07	3.10	2.3%
Metallurgical Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	-1.8%
Steam Coal	4.24	4.49	4.59	4.68	4.86	4.96	5.01	5.08	5.12	5.16	5.20	5.15	5.16	5.19	5.22	5.28	5.36	5.39	5.47	5.56	5.62	5.71	1.4%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	4.31	4.56	4.67	4.75	4.93	5.03	5.09	5.15	5.20	5.24	5.28	5.22	5.23	5.26	5.30	5.35	5.43	5.47	5.55	5.63	5.69	5.78	1.3%
Nuclear Power	1.89	1.90	1.90	1.90	1.90	1.90	1.84	1.75	1.71	1.71	1.71	1.69	1.65	1.62	1.56	1.49	1.39	1.33	1.25	1.23	1.18	1.18	-2.1%
Renewable Energy 17/	0.72	0.74	0.77	0.78	0.79	0.81	0.83	0.83	0.84	0.84	0.85	0.86	0.86	0.86	0.87	0.87	0.87	0.88	0.89	0.89	0.89	0.90	1.0%
Methanol (M85) 11/	0.00	0.00	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	0.03	0.03	0.03	0.03	0.03	14.8%
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	N/A
Electricity Imports 16/	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	14.90	15.33	15.52	15.71	16.02	16.30	16.53	16.73	16.94	17.12	17.30	17.42	17.54	17.72	17.90	18.12	18.30	18.44	18.60	18.81	18.99	19.23	1.2%
Energy Use & Related Statistics																							
Delivered Energy Use	10.17	10.55	10.74	10.94	11.15	11.38	11.60	11.81	12.01	12.22	12.40	12.60	12.77	12.96	13.15	13.37	13.57	13.74	13.91	14.08	14.26	14.44	1.6%
Total Energy Use	14.90	15.33	15.52	15.71	16.02	16.30	16.53	16.73	16.94	17.12	17.30	17.42	17.54	17.72	17.90	18.12	18.30	18.44	18.60	18.81	18.99	19.23	1.2%
Population (millions)	49.01	50.18	50.76	51.36	51.95	52.55	53.16	53.78	54.42	55.07	55.74	56.42	57.12	57.83	58.54	59.26	59.99	60.72	61.46	62.21	62.95	63.68	1.2%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.



**Table 6. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**06 - East South Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.01	0.01	0.01	0.01	0.01	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	-1.9%
Kerosene	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	-1.3%
Liquefied Petroleum Gas	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.5%
Petroleum Subtotal	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	0.05	0.1%
Natural Gas	0.19	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	1.6%
Coal	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	-0.5%
Renewable Energy 1/	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	0.03	0.03	0.03	0.03	0.03	0.03	1.2%
Electricity	0.33	0.35	0.35	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	1.1%
Delivered Energy	0.59	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.69	0.70	0.70	0.71	0.72	0.72	0.73	0.74	0.74	0.75	0.75	0.76	0.77	0.77	1.2%
Electricity Related Losses	0.83	0.90	0.93	0.93	0.95	0.97	0.98	0.99	1.01	1.03	1.04	1.05	1.07	1.07	1.07	1.06	1.06	1.06	1.03	1.01	1.01	1.01	0.9%
Total	1.42	1.53	1.57	1.59	1.61	1.63	1.65	1.68	1.70	1.73	1.74	1.76	1.78	1.80	1.80	1.80	1.80	1.81	1.78	1.77	1.78	1.78	1.0%
<b>Commercial</b>																							
Distillate Fuel	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	-0.2%
Residual Fuel	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	0.6%
Kerosene	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	0.2%
Liquefied Petroleum Gas	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	1.0%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	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	0.2%
Natural Gas	0.15	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	0.19	0.19	0.19	0.19	0.19	0.19	1.0%
Coal	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.0%
Renewable Energy 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	0.0%
Electricity	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	1.8%
Delivered Energy	0.33	0.36	0.36	0.37	0.38	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	1.4%
Electricity Related Losses	0.39	0.42	0.44	0.45	0.46	0.48	0.49	0.51	0.52	0.54	0.55	0.56	0.58	0.58	0.59	0.59	0.59	0.58	0.57	0.56	0.56	0.55	1.6%
Total	0.72	0.77	0.80	0.82	0.84	0.86	0.88	0.90	0.92	0.94	0.96	0.98	1.00	1.02	1.03	1.03	1.03	1.03	1.02	1.01	1.01	1.00	1.5%
<b>Industrial 4/</b>																							
Distillate Fuel	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	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	1.3%
Liquefied Petroleum Gas	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	0.05	1.1%
Petrochemical Feedstocks	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.1%
Residual Fuel	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	1.1%
Motor Gasoline 2/	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	1.4%
Other Petroleum 5/	0.30	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	1.0%
Petroleum Subtotal	0.58	0.59	0.60	0.60	0.61	0.62	0.63	0.63	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.69	0.70	0.71	0.71	0.72	0.73	0.73	1.1%
Natural Gas 6/	0.51	0.50	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.56	0.57	0.57	0.58	0.59	0.59	0.60	0.61	0.62	0.62	0.63	0.64	0.64	1.1%
Metallurgical Coal	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	-1.8%
Steam Coal	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.2%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.0%
Renewable Energy 7/	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	1.1%
Electricity	0.47	0.47	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.54	0.55	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.62	0.63	1.4%
Delivered Energy	2.10	2.12	2.13	2.15	2.19	2.23	2.26	2.29	2.31	2.33	2.35	2.37	2.39	2.41	2.44	2.47	2.51	2.53	2.55	2.57	2.60	2.63	1.0%
Electricity Related Losses	1.16	1.21	1.24	1.26	1.30	1.33	1.36	1.39	1.42	1.45	1.46	1.49	1.51	1.52	1.54	1.54	1.54	1.54	1.52	1.50	1.51	1.50	1.2%
Total	3.26	3.33	3.37	3.41	3.49	3.55	3.62	3.68	3.73	3.78	3.81	3.86	3.90	3.94	3.98	4.01	4.05	4.07	4.07	4.07	4.11	4.13	1.1%



**Table 6. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**06 - East South Central**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.45	0.46	0.47	0.48	0.48	0.49	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54	0.9%
Jet Fuel 8/	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	2.7%
Motor Gasoline 2/	1.06	1.11	1.13	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.28	1.30	1.32	1.33	1.34	1.36	1.37	1.38	1.39	1.40	1.41	1.43	1.3%
Residual Fuel	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	0.03	0.03	0.03	0.03	0.03	0.03	2.5%
Liquefied Petroleum Gas	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	0.01	0.01	0.01	0.01	0.01	0.01	4.7%
Other Petroleum 9/	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	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Petroleum Subtotal	1.71	1.77	1.81	1.85	1.88	1.91	1.94	1.98	2.00	2.03	2.06	2.08	2.10	2.12	2.15	2.18	2.20	2.22	2.24	2.26	2.28	2.30	1.4%
Pipeline Fuel Natural Gas	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	1.4%
Compressed Natural Gas	0.00	0.00	0.00	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	0.02	0.02	0.02	13.1%
Renewables (E85) 10/	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	16.3%
Methanol (M85) 11/	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	0.01	0.01	14.2%
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	N/A
Electricity	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	0.01	0.01	0.01	0.01	0.01	0.01	4.0%
Delivered Energy	1.82	1.89	1.92	1.96	1.99	2.03	2.07	2.11	2.14	2.18	2.21	2.24	2.27	2.29	2.32	2.36	2.39	2.41	2.43	2.45	2.48	2.50	1.4%
Electricity Related Losses	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	3.8%
Total	1.83	1.90	1.93	1.97	2.00	2.05	2.09	2.13	2.16	2.20	2.23	2.26	2.29	2.32	2.35	2.38	2.41	2.43	2.46	2.48	2.50	2.52	1.5%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.67	0.67	0.67	0.68	0.68	0.69	0.69	0.9%
Kerosene	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	-0.9%
Jet Fuel 8/	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	2.7%
Liquefied Petroleum Gas	0.08	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	0.10	0.10	0.11	0.11	0.11	0.11	1.1%
Motor Gasoline 2/	1.08	1.12	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.29	1.31	1.32	1.34	1.35	1.36	1.38	1.39	1.41	1.42	1.43	1.44	1.45	1.3%
Petrochemical Feedstocks	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.1%
Residual Fuel	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	2.2%
Other Petroleum 12/	0.32	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	1.0%
Petroleum Subtotal	2.35	2.43	2.48	2.52	2.55	2.60	2.64	2.68	2.72	2.75	2.78	2.82	2.84	2.87	2.90	2.94	2.97	3.00	3.02	3.05	3.08	3.11	1.3%
Natural Gas 6/	0.96	0.98	0.99	1.00	1.02	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.16	1.17	1.19	1.20	1.22	1.23	1.24	1.25	1.27	1.28	1.3%
Metallurgical Coal	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	-1.8%
Steam Coal	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	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.2%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.0%
Renewable Energy 13/	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	1.2%
Methanol (M85) 11/	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	0.01	0.01	14.2%
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	N/A
Electricity	0.96	0.99	1.00	1.01	1.03	1.05	1.07	1.09	1.10	1.12	1.14	1.15	1.17	1.18	1.20	1.22	1.23	1.25	1.26	1.27	1.29	1.30	1.4%
Delivered Energy	4.85	5.00	5.06	5.13	5.22	5.31	5.39	5.47	5.55	5.62	5.67	5.74	5.80	5.86	5.93	6.01	6.08	6.13	6.18	6.23	6.29	6.35	1.2%
Electricity Related Losses	2.38	2.54	2.62	2.66	2.72	2.78	2.84	2.91	2.96	3.03	3.07	3.12	3.17	3.20	3.23	3.21	3.21	3.21	3.15	3.10	3.11	3.08	1.2%
Total	7.24	7.54	7.68	7.79	7.94	8.09	8.23	8.38	8.51	8.65	8.74	8.87	8.97	9.06	9.16	9.22	9.29	9.34	9.33	9.34	9.40	9.43	1.2%
Electric Generators 14/																							
Distillate Fuel	0.01	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	-2.8%
Residual Fuel	0.06	0.06	0.07	0.06	0.06	0.05	0.06	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	-0.9%
Petroleum Subtotal	0.07	0.07	0.07	0.07	0.06	0.05	0.06	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	0.05	0.05	-1.0%
Natural Gas	0.12	0.06	0.06	0.06	0.07	0.14	0.19	0.26	0.33	0.41	0.46	0.54	0.61	0.65	0.70	0.77	0.83	0.86	0.89	0.94	0.96	0.96	10.0%
Steam Coal	2.26	2.51	2.58	2.65	2.73	2.74	2.75	2.76	2.75	2.75	2.76	2.75	2.75	2.76	2.76	2.73	2.74	2.74	2.74	2.71	2.71	2.71	0.8%
Nuclear Power	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.64	0.58	0.55	0.47	0.43	0.43	0.41	-2.1%
Renewable Energy 15/	0.25	0.23	0.24	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.24	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	-0.2%
Electricity Imports 16/	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	3.34	3.53	3.62	3.67	3.76	3.84	3.91	4.00	4.07	4.15	4.20	4.28	4.34	4.38	4.43	4.43	4.45	4.45	4.41	4.37	4.39	4.38	1.2%

**Table 6. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
06 - East South Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	0.57	0.59	0.59	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.69	0.9%
Kerosene	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	-0.9%
Jet Fuel 8/	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	2.7%
Liquefied Petroleum Gas	0.08	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	0.10	0.10	0.11	0.11	0.11	0.11	1.1%
Motor Gasoline 2/	1.08	1.12	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.29	1.31	1.32	1.34	1.35	1.36	1.38	1.39	1.41	1.42	1.43	1.44	1.45	1.3%
Petrochemical Feedstocks	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.1%
Residual Fuel	0.09	0.09	0.10	0.09	0.09	0.08	0.09	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.09	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.2%
Other Petroleum 12/	0.32	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	1.0%
Petroleum Subtotal	2.42	2.50	2.55	2.59	2.62	2.65	2.70	2.75	2.80	2.83	2.85	2.88	2.90	2.93	2.96	3.00	3.03	3.06	3.08	3.11	3.13	3.16	1.2%
Natural Gas	1.08	1.04	1.05	1.05	1.09	1.17	1.25	1.34	1.42	1.52	1.58	1.68	1.76	1.82	1.88	1.97	2.05	2.10	2.14	2.20	2.23	2.24	3.4%
Metallurgical Coal	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	-1.8%
Steam Coal	2.47	2.73	2.80	2.87	2.95	2.97	2.97	2.98	2.98	2.98	2.98	2.97	2.98	2.98	2.99	2.95	2.96	2.96	2.97	2.94	2.94	2.94	0.8%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	2.59	2.84	2.92	2.98	3.06	3.08	3.09	3.09	3.09	3.09	3.10	3.09	3.09	3.09	3.10	3.06	3.07	3.07	3.08	3.04	3.05	3.05	0.7%
Nuclear Power	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.64	0.58	0.55	0.47	0.43	0.43	0.41	-2.1%
Renewable Energy 17/	0.49	0.49	0.50	0.50	0.50	0.51	0.52	0.52	0.53	0.54	0.53	0.54	0.54	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.6%
Methanol (M85) 11/	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	0.01	0.01	14.2%
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	N/A
Electricity Imports 16/	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
<b>Total</b>	<b>7.24</b>	<b>7.54</b>	<b>7.68</b>	<b>7.79</b>	<b>7.94</b>	<b>8.09</b>	<b>8.23</b>	<b>8.38</b>	<b>8.51</b>	<b>8.65</b>	<b>8.74</b>	<b>8.87</b>	<b>8.97</b>	<b>9.06</b>	<b>9.16</b>	<b>9.22</b>	<b>9.29</b>	<b>9.34</b>	<b>9.33</b>	<b>9.34</b>	<b>9.40</b>	<b>9.43</b>	<b>1.2%</b>
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	4.85	5.00	5.06	5.13	5.22	5.31	5.39	5.47	5.55	5.62	5.67	5.74	5.80	5.86	5.93	6.01	6.08	6.13	6.18	6.23	6.29	6.35	1.2%
Total Energy Use	7.24	7.54	7.68	7.79	7.94	8.09	8.23	8.38	8.51	8.65	8.74	8.87	8.97	9.06	9.16	9.22	9.29	9.34	9.33	9.34	9.40	9.43	1.2%
Population (millions)	16.48	16.64	16.73	16.81	16.90	16.98	17.07	17.15	17.23	17.32	17.41	17.50	17.60	17.69	17.78	17.87	17.96	18.05	18.14	18.23	18.32	18.40	0.5%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
<b>Total Carbon Emis.(mill. m. tons)</b>	<b>1485.4</b>	<b>1552.4</b>	<b>1575.6</b>	<b>1599.5</b>	<b>1628.5</b>	<b>1657.5</b>	<b>1683.4</b>	<b>1707.8</b>	<b>1730.6</b>	<b>1750.9</b>	<b>1767.1</b>	<b>1786.6</b>	<b>1802.6</b>	<b>1821.3</b>	<b>1842.3</b>	<b>1865.8</b>	<b>1893.4</b>	<b>1908.8</b>	<b>1927.8</b>	<b>1944.7</b>	<b>1961.6</b>	<b>1979.2</b>	<b>1.3%</b>

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 7. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**07 - West South Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Energy Consumption																							
Residential																							
Distillate Fuel	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	1.2%
Kerosene	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	0.6%
Liquefied Petroleum Gas	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	-0.8%
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	-0.8%
Natural Gas	0.37	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.50	1.3%
Coal	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	-0.6%
Renewable Energy 1/	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	1.7%
Electricity	0.54	0.57	0.58	0.59	0.60	0.62	0.63	0.64	0.65	0.66	0.67	0.69	0.70	0.71	0.72	0.73	0.74	0.76	0.77	0.78	0.79	0.80	1.8%
Delivered Energy	0.95	1.06	1.08	1.09	1.10	1.12	1.13	1.14	1.15	1.16	1.18	1.19	1.21	1.23	1.24	1.25	1.27	1.29	1.30	1.31	1.33	1.35	1.6%
Electricity Related Losses	1.18	1.24	1.23	1.23	1.23	1.23	1.24	1.26	1.27	1.29	1.28	1.30	1.31	1.32	1.32	1.33	1.34	1.32	1.32	1.32	1.32	1.32	0.5%
Total	2.14	2.31	2.31	2.32	2.33	2.35	2.37	2.40	2.42	2.45	2.46	2.49	2.52	2.54	2.56	2.58	2.61	2.61	2.62	2.64	2.65	2.67	1.0%
Commercial																							
Distillate Fuel	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	0.1%
Residual Fuel	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	1.5%
Kerosene	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	0.4%
Liquefied Petroleum Gas	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	1.2%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	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%
Natural Gas	0.28	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37	1.3%
Coal	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	1.3%
Renewable Energy 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	0.0%
Electricity	0.45	0.47	0.48	0.49	0.50	0.51	0.52	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.60	0.60	1.3%
Delivered Energy	0.75	0.81	0.82	0.83	0.85	0.86	0.87	0.88	0.89	0.90	0.92	0.93	0.94	0.96	0.97	0.97	0.98	0.99	0.99	0.99	0.99	0.99	1.3%
Electricity Related Losses	0.99	1.03	1.02	1.02	1.02	1.01	1.02	1.03	1.04	1.05	1.05	1.06	1.06	1.07	1.07	1.07	1.06	1.04	1.04	1.02	1.01	1.00	0.0%
Total	1.74	1.83	1.84	1.86	1.86	1.87	1.89	1.91	1.93	1.95	1.96	1.99	2.01	2.02	2.04	2.04	2.04	2.03	2.03	2.02	2.00	1.99	0.6%
Industrial 4/																							
Distillate Fuel	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	1.3%
Liquefied Petroleum Gas	1.65	1.75	1.77	1.78	1.81	1.82	1.83	1.84	1.86	1.88	1.90	1.92	1.94	1.97	1.99	2.02	2.04	2.05	2.07	2.08	2.10	2.13	1.1%
Petrochemical Feedstocks	0.71	0.66	0.67	0.69	0.71	0.73	0.75	0.77	0.78	0.79	0.80	0.81	0.81	0.82	0.84	0.85	0.85	0.86	0.87	0.87	0.88	0.89	1.1%
Residual Fuel	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.1%
Motor Gasoline 2/	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	0.04	0.04	0.05	0.05	0.05	0.05	0.05	1.4%
Other Petroleum 5/	1.24	1.31	1.34	1.35	1.34	1.36	1.38	1.40	1.43	1.42	1.43	1.44	1.44	1.44	1.45	1.45	1.47	1.47	1.47	1.48	1.48	1.48	0.8%
Petroleum Subtotal	3.86	3.99	4.05	4.09	4.14	4.20	4.25	4.30	4.37	4.40	4.43	4.47	4.50	4.54	4.59	4.64	4.68	4.71	4.74	4.77	4.81	4.85	1.0%
Natural Gas 6/	4.14	3.97	3.95	3.99	4.09	4.17	4.25	4.34	4.38	4.43	4.45	4.50	4.53	4.57	4.61	4.66	4.71	4.73	4.76	4.79	4.82	4.84	0.7%
Metallurgical Coal	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
Steam Coal	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.2%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.2%
Renewable Energy 7/	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.29	0.30	1.4%
Electricity	0.53	0.54	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.61	0.62	0.63	0.63	0.64	0.65	0.67	0.67	0.68	0.69	0.70	0.70	1.3%
Delivered Energy	8.85	8.83	8.88	8.97	9.15	9.30	9.46	9.60	9.73	9.82	9.88	9.99	10.04	10.14	10.24	10.36	10.47	10.53	10.60	10.67	10.75	10.83	0.9%
Electricity Related Losses	1.17	1.17	1.14	1.14	1.14	1.15	1.16	1.17	1.19	1.19	1.17	1.18	1.17	1.17	1.18	1.18	1.19	1.17	1.18	1.17	1.16	1.16	0.0%
Total	10.02	10.01	10.03	10.12	10.29	10.44	10.62	10.77	10.92	11.00	11.05	11.16	11.22	11.31	11.42	11.54	11.66	11.70	11.78	11.84	11.91	11.99	0.8%

**Table 7. Energy Consumption by Sector and Source (2 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
07 - West South Central**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.81	0.84	0.85	0.87	0.89	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.98	1.00	1.01	1.02	1.03	1.04	1.04	1.05	1.06	1.3%
Jet Fuel 8/	0.79	0.84	0.86	0.89	0.93	0.96	1.00	1.03	1.07	1.10	1.13	1.17	1.20	1.24	1.27	1.32	1.35	1.39	1.43	1.47	1.51	1.54	3.1%
Motor Gasoline 2/	1.90	1.97	2.02	2.06	2.09	2.14	2.18	2.22	2.26	2.30	2.34	2.38	2.41	2.44	2.47	2.51	2.54	2.57	2.60	2.63	2.66	2.69	1.6%
Residual Fuel	0.21	0.22	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.28	0.29	0.30	0.31	0.32	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	2.9%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	5.0%
Other Petroleum 9/	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	0.06	0.06	0.06	0.06	0.06	0.06	1.1%
Petroleum Subtotal	3.75	3.92	4.02	4.11	4.21	4.31	4.41	4.51	4.61	4.70	4.79	4.89	4.96	5.05	5.13	5.24	5.33	5.42	5.50	5.58	5.67	5.76	2.0%
Pipeline Fuel Natural Gas	0.19	0.20	0.19	0.19	0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.24	1.1%
Compressed Natural Gas	0.00	0.01	0.01	0.01	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	0.04	0.04	0.04	0.04	13.3%
Renewables (E85) 10/	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	0.01	0.01	16.6%
Methanol (M85) 11/	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	0.01	0.01	0.02	0.02	0.02	0.02	0.02	14.5%
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	N/A
Electricity	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	4.4%
Delivered Energy	3.95	4.14	4.23	4.33	4.43	4.54	4.65	4.76	4.87	4.97	5.06	5.17	5.25	5.34	5.44	5.55	5.65	5.74	5.82	5.91	6.00	6.08	2.0%
Electricity Related Losses	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	0.03	0.03	0.03	0.03	3.1%
Total	3.97	4.16	4.25	4.35	4.45	4.56	4.67	4.79	4.89	4.99	5.09	5.20	5.28	5.37	5.47	5.58	5.68	5.77	5.85	5.94	6.03	6.12	2.0%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	1.03	1.06	1.08	1.10	1.13	1.15	1.17	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.27	1.28	1.30	1.31	1.32	1.33	1.34	1.36	1.2%
Kerosene	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	-0.3%
Jet Fuel 8/	0.79	0.84	0.86	0.89	0.93	0.96	1.00	1.03	1.07	1.10	1.13	1.17	1.20	1.24	1.27	1.32	1.35	1.39	1.43	1.47	1.51	1.54	3.1%
Liquefied Petroleum Gas	1.69	1.79	1.81	1.83	1.85	1.86	1.87	1.88	1.90	1.93	1.95	1.97	1.98	2.01	2.04	2.06	2.08	2.09	2.11	2.13	2.15	2.17	1.1%
Motor Gasoline 2/	1.93	2.01	2.06	2.10	2.13	2.17	2.22	2.26	2.30	2.34	2.38	2.42	2.45	2.48	2.52	2.55	2.59	2.62	2.65	2.68	2.71	2.74	1.6%
Petrochemical Feedstocks	0.71	0.66	0.67	0.69	0.71	0.73	0.75	0.77	0.78	0.79	0.80	0.81	0.81	0.82	0.84	0.85	0.85	0.86	0.87	0.87	0.88	0.89	1.1%
Residual Fuel	0.22	0.24	0.24	0.25	0.26	0.27	0.27	0.28	0.29	0.30	0.31	0.32	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.39	0.40	2.8%
Other Petroleum 12/	1.28	1.36	1.39	1.40	1.39	1.41	1.43	1.45	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	1.53	1.53	1.54	1.54	0.8%
Petroleum Subtotal	7.66	7.97	8.12	8.26	8.40	8.56	8.72	8.86	9.02	9.15	9.27	9.41	9.51	9.64	9.77	9.92	10.06	10.17	10.28	10.40	10.52	10.65	1.5%
Natural Gas 6/	4.99	4.93	4.91	4.95	5.07	5.16	5.25	5.35	5.41	5.46	5.50	5.56	5.60	5.65	5.71	5.77	5.83	5.86	5.89	5.93	5.96	5.99	0.8%
Metallurgical Coal	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
Steam Coal	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.2%
Net Coal Coke Imports	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.2%
Renewable Energy 13/	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	1.6%
Methanol (M85) 11/	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	0.01	0.01	0.02	0.02	0.02	0.02	0.02	14.5%
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	N/A
Electricity	1.52	1.59	1.61	1.64	1.67	1.70	1.74	1.76	1.79	1.82	1.85	1.88	1.91	1.94	1.96	1.99	2.02	2.04	2.06	2.08	2.10	2.13	1.5%
Delivered Energy	14.51	14.84	15.01	15.23	15.52	15.81	16.10	16.38	16.63	16.85	17.04	17.28	17.45	17.66	17.88	18.13	18.37	18.54	18.71	18.88	19.07	19.25	1.3%
Electricity Related Losses	3.36	3.46	3.41	3.41	3.41	3.41	3.45	3.49	3.53	3.55	3.52	3.57	3.58	3.58	3.60	3.61	3.63	3.57	3.57	3.55	3.52	3.52	0.2%
Total	17.87	18.30	18.42	18.64	18.93	19.23	19.55	19.87	20.16	20.40	20.56	20.84	21.03	21.25	21.49	21.74	21.99	22.11	22.28	22.43	22.59	22.77	1.1%
Electric Generators 14/																							
Distillate Fuel	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	4.2%
Residual Fuel	0.01	0.01	0.01	0.01	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	-8.9%
Petroleum Subtotal	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.2%
Natural Gas	1.89	1.88	1.79	1.78	1.88	1.90	1.96	2.01	2.11	2.18	2.19	2.25	2.29	2.33	2.37	2.44	2.54	2.56	2.57	2.59	2.63	2.65	1.5%
Steam Coal	2.24	2.41	2.45	2.49	2.40	2.40	2.41	2.40	2.37	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.33	2.33	2.33	2.33	0.2%
Nuclear Power	0.66	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.65	0.59	0.54	0.54	0.52	0.47	0.47	-1.5%
Renewable Energy 15/	0.08	0.08	0.10	0.11	0.11	0.13	0.13	0.15	0.16	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	4.2%
Electricity Imports 16/	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	-1.8%
Total	4.88	5.05	5.03	5.06	5.08	5.12	5.18	5.26	5.32	5.37	5.38	5.44	5.48	5.52	5.57	5.60	5.65	5.62	5.63	5.63	5.63	5.64	0.7%

**Table 7. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
07 - West South Central**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	1.03	1.07	1.08	1.11	1.13	1.15	1.17	1.19	1.20	1.21	1.22	1.23	1.24	1.26	1.27	1.29	1.30	1.31	1.32	1.34	1.35	1.36	1.3%
Kerosene	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	-0.3%
Jet Fuel 8/	0.79	0.84	0.86	0.89	0.93	0.96	1.00	1.03	1.07	1.10	1.13	1.17	1.20	1.24	1.27	1.32	1.35	1.39	1.43	1.47	1.51	1.54	3.1%
Liquefied Petroleum Gas	1.69	1.79	1.81	1.83	1.85	1.86	1.87	1.88	1.90	1.93	1.95	1.97	1.98	2.01	2.04	2.06	2.08	2.09	2.11	2.13	2.15	2.17	1.1%
Motor Gasoline 2/	1.93	2.01	2.06	2.10	2.13	2.17	2.22	2.26	2.30	2.34	2.38	2.42	2.45	2.48	2.52	2.55	2.59	2.62	2.65	2.68	2.71	2.74	1.6%
Petrochemical Feedstocks	0.71	0.66	0.67	0.69	0.71	0.73	0.75	0.77	0.78	0.79	0.80	0.81	0.81	0.82	0.84	0.85	0.85	0.86	0.87	0.87	0.88	0.89	1.1%
Residual Fuel	0.23	0.24	0.25	0.26	0.26	0.27	0.28	0.29	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	2.6%
Other Petroleum 12/	1.28	1.36	1.39	1.40	1.39	1.41	1.43	1.45	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	1.53	1.53	1.54	1.54	0.8%
Petroleum Subtotal	7.67	7.98	8.13	8.26	8.41	8.57	8.72	8.87	9.03	9.15	9.27	9.41	9.51	9.64	9.77	9.92	10.06	10.17	10.29	10.40	10.53	10.65	1.5%
Natural Gas	6.88	6.81	6.70	6.73	6.94	7.06	7.21	7.36	7.52	7.65	7.68	7.82	7.89	7.98	8.08	8.21	8.37	8.42	8.47	8.52	8.60	8.64	1.0%
Metallurgical Coal	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
Steam Coal	2.34	2.51	2.54	2.58	2.50	2.50	2.51	2.50	2.46	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.43	2.43	2.43	2.43	2.43	0.2%
Net Coal Coke Imports	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.0%
Coal Subtotal	2.35	2.52	2.56	2.60	2.52	2.52	2.52	2.52	2.49	2.44	2.44	2.44	2.45	2.45	2.45	2.45	2.45	2.45	2.46	2.46	2.46	2.46	0.2%
Nuclear Power	0.66	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.65	0.59	0.54	0.54	0.52	0.47	0.47	-1.5%
Renewable Energy 17/	0.31	0.33	0.35	0.37	0.38	0.39	0.41	0.43	0.44	0.46	0.47	0.47	0.48	0.48	0.49	0.50	0.50	0.51	0.51	0.51	0.52	0.52	2.4%
Methanol (M85) 11/	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	0.01	0.01	0.02	0.02	0.02	0.02	0.02	14.5%
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	N/A
Electricity Imports 16/	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	-1.8%
<b>Total</b>	<b>17.87</b>	<b>18.30</b>	<b>18.42</b>	<b>18.64</b>	<b>18.93</b>	<b>19.23</b>	<b>19.55</b>	<b>19.87</b>	<b>20.16</b>	<b>20.40</b>	<b>20.56</b>	<b>20.84</b>	<b>21.03</b>	<b>21.25</b>	<b>21.49</b>	<b>21.74</b>	<b>21.99</b>	<b>22.11</b>	<b>22.28</b>	<b>22.43</b>	<b>22.59</b>	<b>22.77</b>	<b>1.1%</b>
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	14.51	14.84	15.01	15.23	15.52	15.81	16.10	16.38	16.63	16.85	17.04	17.28	17.45	17.66	17.88	18.13	18.37	18.54	18.71	18.88	19.07	19.25	1.3%
Total Energy Use	17.87	18.30	18.42	18.64	18.93	19.23	19.55	19.87	20.16	20.40	20.56	20.84	21.03	21.25	21.49	21.74	21.99	22.11	22.28	22.43	22.59	22.77	1.1%
Population (millions)	30.05	30.77	31.13	31.49	31.84	32.19	32.55	32.90	33.26	33.63	34.01	34.40	34.80	35.21	35.61	36.00	36.39	36.78	37.18	37.56	37.95	38.32	1.1%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 8. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**08 - Mountain**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Energy Consumption																							
Residential																							
Distillate Fuel	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	-1.1%
Kerosene	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	1.5%
Liquefied Petroleum Gas	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.5%
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	0.03	0.03	0.03	0.03	0.2%
Natural Gas	0.26	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.38	1.6%
Coal	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	-0.1%
Renewable Energy 1/	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.7%
Electricity	0.21	0.23	0.23	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	2.0%
Delivered Energy	0.54	0.59	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.69	0.69	0.70	0.71	0.72	0.72	0.73	0.74	0.75	0.75	0.76	0.77	0.78	1.7%
Electricity Related Losses	0.75	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.82	0.83	0.82	0.82	0.83	0.83	0.84	0.84	0.85	0.86	0.87	0.88	0.89	0.91	0.9%
Total	1.29	1.39	1.41	1.43	1.44	1.45	1.47	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.59	1.60	1.62	1.64	1.66	1.69	1.2%
Commercial																							
Distillate Fuel	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	0.5%
Residual Fuel	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	1.5%
Kerosene	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%
Liquefied Petroleum Gas	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	0.01	0.01	1.6%
Motor Gasoline 2/	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	-0.3%
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	0.03	0.03	0.03	0.03	0.6%
Natural Gas	0.21	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	1.5%
Coal	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	1.8%
Renewable Energy 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	0.0%
Electricity	0.24	0.26	0.27	0.28	0.28	0.29	0.29	0.30	0.31	0.31	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37	1.9%
Delivered Energy	0.49	0.52	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.70	1.7%
Electricity Related Losses	0.86	0.92	0.93	0.94	0.94	0.93	0.94	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.02	1.03	0.8%
Total	1.35	1.44	1.47	1.49	1.49	1.49	1.51	1.52	1.55	1.56	1.57	1.58	1.60	1.61	1.63	1.64	1.65	1.66	1.67	1.69	1.71	1.72	1.1%
Industrial 4/																							
Distillate Fuel	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	1.5%
Liquefied Petroleum Gas	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	0.04	0.05	0.05	0.05	0.05	0.05	0.05	1.1%
Petrochemical Feedstocks	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%
Residual Fuel	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%
Motor Gasoline 2/	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	0.03	0.03	0.03	0.03	1.6%
Other Petroleum 5/	0.22	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.9%
Petroleum Subtotal	0.41	0.41	0.41	0.42	0.43	0.43	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.50	0.50	0.51	0.51	0.52	0.53	1.1%
Natural Gas 6/	0.44	0.46	0.47	0.47	0.49	0.49	0.50	0.51	0.52	0.52	0.53	0.53	0.54	0.55	0.56	0.57	0.59	0.60	0.61	0.62	0.63	0.64	1.7%
Metallurgical Coal	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	-1.6%
Steam Coal	0.09	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	0.11	0.11	0.11	0.11	0.11	0.11	1.0%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.7%
Renewable Energy 7/	0.08	0.09	0.09	0.09	0.09	0.09	0.09	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	1.0%
Electricity	0.24	0.24	0.24	0.25	0.25	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.33	1.4%
Delivered Energy	1.29	1.31	1.32	1.35	1.37	1.40	1.42	1.44	1.46	1.48	1.49	1.51	1.52	1.54	1.57	1.60	1.63	1.65	1.67	1.69	1.71	1.73	1.4%
Electricity Related Losses	0.85	0.85	0.84	0.85	0.85	0.84	0.84	0.84	0.85	0.85	0.84	0.84	0.84	0.84	0.85	0.86	0.87	0.87	0.88	0.89	0.90	0.92	0.3%
Total	2.14	2.16	2.16	2.19	2.22	2.23	2.26	2.28	2.31	2.32	2.33	2.34	2.36	2.38	2.42	2.45	2.49	2.51	2.55	2.58	2.62	2.65	1.0%

**Table 8. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**08 - Mountain**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.41	0.43	0.44	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.52	0.53	0.53	0.54	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.62	1.9%
Jet Fuel 8/	0.19	0.21	0.22	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.38	0.39	0.40	3.4%
Motor Gasoline 2/	1.00	1.06	1.10	1.14	1.17	1.21	1.25	1.28	1.31	1.34	1.38	1.41	1.43	1.45	1.48	1.51	1.54	1.57	1.60	1.64	1.68	1.72	2.5%
Residual Fuel	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
Liquefied Petroleum Gas	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	5.6%
Other Petroleum 9/	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	0.03	0.03	0.03	0.03	0.03	1.9%
Petroleum Subtotal	1.62	1.73	1.79	1.85	1.91	1.97	2.02	2.08	2.13	2.17	2.22	2.26	2.30	2.34	2.38	2.43	2.49	2.54	2.59	2.65	2.71	2.78	2.5%
Pipeline Fuel Natural Gas	0.12	0.13	0.13	0.13	0.13	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	0.16	0.16	0.16	0.16	1.6%
Compressed Natural Gas	0.00	0.00	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	0.03	0.03	14.5%
Renewables (E85) 10/	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	17.7%
Methanol (M85) 11/	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	0.01	0.01	0.01	15.6%
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	N/A
Electricity	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	5.3%
Delivered Energy	1.74	1.86	1.93	2.00	2.06	2.12	2.18	2.24	2.29	2.34	2.39	2.44	2.48	2.52	2.57	2.62	2.68	2.74	2.80	2.86	2.93	3.01	2.5%
Electricity Related Losses	0.01	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	0.03	0.04	0.04	4.1%
Total	1.76	1.88	1.94	2.01	2.08	2.14	2.20	2.26	2.31	2.36	2.41	2.46	2.50	2.54	2.59	2.65	2.71	2.77	2.83	2.90	2.97	3.04	2.5%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	0.56	0.59	0.60	0.62	0.64	0.65	0.67	0.68	0.69	0.70	0.70	0.71	0.71	0.72	0.73	0.75	0.76	0.77	0.78	0.79	0.81	0.82	1.8%
Kerosene	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	0.7%
Jet Fuel 8/	0.19	0.21	0.22	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.38	0.39	0.40	3.4%
Liquefied Petroleum Gas	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	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	1.3%
Motor Gasoline 2/	1.02	1.08	1.13	1.17	1.20	1.24	1.27	1.31	1.34	1.37	1.40	1.43	1.46	1.48	1.51	1.54	1.57	1.60	1.64	1.67	1.71	1.75	2.5%
Petrochemical Feedstocks	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%
Residual Fuel	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	0.1%
Other Petroleum 12/	0.24	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30	1.0%
Petroleum Subtotal	2.09	2.19	2.26	2.33	2.40	2.47	2.53	2.59	2.64	2.69	2.74	2.79	2.83	2.87	2.92	2.99	3.05	3.10	3.16	3.22	3.29	3.37	2.2%
Natural Gas 6/	1.03	1.11	1.13	1.15	1.17	1.19	1.21	1.23	1.25	1.26	1.28	1.30	1.31	1.33	1.35	1.37	1.40	1.42	1.44	1.46	1.48	1.50	1.7%
Metallurgical Coal	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	-1.6%
Steam Coal	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.0%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	0.12	0.13	0.13	0.13	0.13	0.13	0.14	0.14	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	0.15	0.7%
Renewable Energy 13/	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.14	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	0.15	1.1%
Methanol (M85) 11/	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	0.01	0.01	0.01	15.6%
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	N/A
Electricity	0.70	0.73	0.75	0.77	0.78	0.80	0.82	0.84	0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.95	0.97	0.98	0.99	1.01	1.02	1.03	1.8%
Delivered Energy	4.06	4.29	4.40	4.51	4.62	4.73	4.83	4.93	5.02	5.11	5.19	5.28	5.34	5.42	5.51	5.61	5.71	5.80	5.90	6.00	6.10	6.21	2.0%
Electricity Related Losses	2.48	2.58	2.60	2.62	2.61	2.59	2.61	2.61	2.65	2.65	2.64	2.64	2.66	2.67	2.69	2.70	2.73	2.74	2.77	2.81	2.85	2.89	0.7%
Total	6.54	6.87	6.99	7.13	7.23	7.32	7.44	7.54	7.67	7.76	7.83	7.92	8.00	8.09	8.19	8.31	8.44	8.55	8.67	8.81	8.95	9.10	1.5%
Electric Generators 14/																							
Distillate Fuel	0.00	0.01	0.01	0.01	0.01	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	2.6%
Residual Fuel	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	-24.0%
Petroleum Subtotal	0.00	0.01	0.01	0.01	0.01	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	0.6%
Natural Gas	0.17	0.32	0.31	0.31	0.29	0.25	0.26	0.25	0.27	0.25	0.24	0.23	0.23	0.24	0.24	0.24	0.23	0.22	0.22	0.22	0.21	0.21	1.0%
Steam Coal	2.23	2.22	2.25	2.29	2.33	2.37	2.41	2.43	2.46	2.49	2.51	2.53	2.55	2.58	2.60	2.64	2.68	2.71	2.75	2.81	2.86	2.92	1.2%
Nuclear Power	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.3%
Renewable Energy 15/	0.49	0.48	0.48	0.48	0.48	0.47	0.47	0.48	0.48	0.48	0.48	0.47	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.0%
Electricity Imports 16/	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	-1.8%
Total	3.17	3.31	3.35	3.38	3.40	3.40	3.44	3.45	3.50	3.52	3.53	3.54	3.57	3.59	3.63	3.66	3.70	3.72	3.76	3.82	3.87	3.92	1.0%



**Table 8. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)  
08 - Mountain**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Total Energy Consumption																							
Distillate Fuel	0.56	0.59	0.61	0.63	0.64	0.66	0.67	0.68	0.69	0.70	0.71	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.80	0.81	0.82	1.8%
Kerosene	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	0.7%
Jet Fuel 8/	0.19	0.21	0.22	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.38	0.39	0.40	3.4%
Liquefied Petroleum Gas	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	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	1.3%
Motor Gasoline 2/	1.02	1.08	1.13	1.17	1.20	1.24	1.27	1.31	1.34	1.37	1.40	1.43	1.46	1.48	1.51	1.54	1.57	1.60	1.64	1.67	1.71	1.75	2.5%
Petrochemical Feedstocks	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%
Residual Fuel	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%
Other Petroleum 12/	0.24	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30	1.0%
Petroleum Subtotal	2.09	2.20	2.27	2.34	2.40	2.47	2.53	2.59	2.65	2.70	2.75	2.80	2.83	2.88	2.93	2.99	3.05	3.11	3.16	3.23	3.30	3.37	2.2%
Natural Gas	1.20	1.43	1.44	1.46	1.46	1.44	1.47	1.48	1.51	1.52	1.52	1.53	1.54	1.57	1.59	1.61	1.62	1.64	1.66	1.68	1.69	1.72	1.6%
Metallurgical Coal	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	-1.6%
Steam Coal	2.33	2.32	2.36	2.40	2.44	2.48	2.52	2.54	2.57	2.60	2.62	2.65	2.67	2.69	2.72	2.76	2.80	2.83	2.87	2.93	2.98	3.04	1.2%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	2.35	2.35	2.38	2.42	2.46	2.51	2.54	2.57	2.60	2.63	2.65	2.67	2.69	2.72	2.75	2.78	2.83	2.86	2.90	2.95	3.01	3.07	1.2%
Nuclear Power	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.3%
Renewable Energy 17/	0.61	0.60	0.61	0.61	0.61	0.60	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.2%
Methanol (M85) 11/	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	0.01	0.01	0.01	15.6%
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	N/A
Electricity Imports 16/	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	-1.8%
Total	6.54	6.87	6.99	7.13	7.23	7.32	7.44	7.54	7.67	7.76	7.83	7.92	8.00	8.09	8.19	8.31	8.44	8.55	8.67	8.81	8.95	9.10	1.5%
Energy Use & Related Statistics																							
Delivered Energy Use	4.06	4.29	4.40	4.51	4.62	4.73	4.83	4.93	5.02	5.11	5.19	5.28	5.34	5.42	5.51	5.61	5.71	5.80	5.90	6.00	6.10	6.21	2.0%
Total Energy Use	6.54	6.87	6.99	7.13	7.23	7.32	7.44	7.54	7.67	7.76	7.83	7.92	8.00	8.09	8.19	8.31	8.44	8.55	8.67	8.81	8.95	9.10	1.5%
Population (millions)	16.86	17.62	18.05	18.42	18.80	19.15	19.49	19.82	20.14	20.47	20.79	21.11	21.41	21.71	22.03	22.38	22.77	23.18	23.60	24.06	24.55	25.07	1.8%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.



**Table 9. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**09 - Pacific**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	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	-0.1%
Kerosene	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%
Liquefied Petroleum Gas	0.03	0.03	0.03	0.03	0.04	0.04	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	3.1%
Petroleum Subtotal	0.05	0.06	0.06	0.06	0.06	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	1.7%
Natural Gas	0.57	0.60	0.61	0.62	0.63	0.65	0.66	0.68	0.69	0.71	0.73	0.75	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.83	1.8%
Coal	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	0.3%
Renewable Energy 1/	0.07	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	0.08	0.08	0.08	0.5%
Electricity	0.46	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.53	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.58	0.58	0.59	0.60	0.61	1.3%
Delivered Energy	1.16	1.21	1.23	1.25	1.27	1.29	1.31	1.34	1.36	1.39	1.41	1.44	1.46	1.48	1.49	1.51	1.52	1.54	1.56	1.57	1.59	1.61	1.5%
Electricity Related Losses	0.75	0.81	0.80	0.83	0.83	0.79	0.79	0.81	0.80	0.82	0.84	0.84	0.86	0.88	0.88	0.89	0.90	0.90	0.93	0.94	0.93	0.94	1.0%
Total	1.91	2.02	2.03	2.08	2.10	2.09	2.11	2.15	2.16	2.21	2.26	2.29	2.32	2.35	2.36	2.40	2.43	2.44	2.49	2.51	2.52	2.55	1.3%
<b>Commercial</b>																							
Distillate Fuel	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	0.1%
Residual Fuel	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	0.5%
Kerosene	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	0.3%
Liquefied Petroleum Gas	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	1.0%
Motor Gasoline 2/	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	-0.3%
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	0.03	0.03	0.03	0.03	0.2%
Natural Gas	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.7%
Coal	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	0.8%
Renewable Energy 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	0.0%
Electricity	0.48	0.52	0.53	0.54	0.55	0.55	0.56	0.57	0.58	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.63	0.64	0.64	0.64	0.64	0.65	1.3%
Delivered Energy	0.86	0.89	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.06	1.07	1.07	1.07	1.08	1.0%
Electricity Related Losses	0.80	0.87	0.87	0.92	0.92	0.88	0.88	0.90	0.89	0.92	0.94	0.94	0.96	0.98	0.98	0.99	1.00	0.99	1.02	1.02	1.01	1.01	1.1%
Total	1.65	1.77	1.78	1.84	1.85	1.81	1.83	1.86	1.87	1.90	1.94	1.95	1.98	2.01	2.01	2.04	2.06	2.05	2.09	2.09	2.08	2.08	1.1%
<b>Industrial 4/</b>																							
Distillate Fuel	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	1.4%
Liquefied Petroleum Gas	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	1.3%
Petrochemical Feedstocks	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	1.1%
Residual Fuel	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	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	1.3%
Motor Gasoline 2/	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.6%
Other Petroleum 5/	0.70	0.75	0.75	0.74	0.75	0.74	0.74	0.74	0.74	0.74	0.73	0.74	0.75	0.75	0.75	0.76	0.76	0.76	0.76	0.77	0.77	0.78	0.5%
Petroleum Subtotal	0.89	0.92	0.93	0.92	0.92	0.93	0.93	0.94	0.94	0.97	0.97	0.97	0.99	0.99	1.00	1.00	1.01	1.01	1.02	1.02	1.03	1.04	0.7%
Natural Gas 6/	1.29	1.25	1.26	1.27	1.29	1.31	1.33	1.35	1.37	1.38	1.39	1.40	1.41	1.43	1.44	1.46	1.48	1.49	1.51	1.52	1.53	1.54	0.8%
Metallurgical Coal	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
Steam Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	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	1.0%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	1.3%
Renewable Energy 7/	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.39	0.40	0.40	0.9%
Electricity	0.39	0.40	0.41	0.42	0.43	0.43	0.44	0.45	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.50	0.51	0.51	0.52	0.52	0.53	0.54	1.5%
Delivered Energy	2.96	2.97	2.99	3.02	3.05	3.09	3.13	3.17	3.19	3.24	3.26	3.29	3.31	3.35	3.38	3.42	3.46	3.48	3.51	3.54	3.57	3.60	0.9%
Electricity Related Losses	0.64	0.68	0.67	0.71	0.72	0.69	0.69	0.70	0.70	0.72	0.74	0.73	0.75	0.77	0.77	0.79	0.80	0.79	0.82	0.83	0.83	0.84	1.2%
Total	3.60	3.64	3.67	3.73	3.77	3.78	3.82	3.88	3.90	3.96	3.99	4.02	4.06	4.11	4.15	4.21	4.26	4.27	4.34	4.37	4.40	4.44	1.0%

**Table 9. Energy Consumption by Sector and Source (2 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	0.55	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.71	0.72	0.72	0.73	0.73	1.3%
Jet Fuel 8/	0.93	0.98	1.01	1.04	1.07	1.12	1.15	1.20	1.24	1.28	1.32	1.37	1.41	1.45	1.50	1.55	1.60	1.64	1.68	1.72	1.76	1.80	3.0%
Motor Gasoline 2/	2.34	2.42	2.46	2.50	2.52	2.57	2.61	2.65	2.69	2.73	2.77	2.81	2.84	2.88	2.91	2.95	2.99	3.02	3.05	3.08	3.11	3.15	1.4%
Residual Fuel	0.26	0.28	0.29	0.29	0.30	0.31	0.32	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	2.9%
Liquefied Petroleum Gas	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	4.5%
Other Petroleum 9/	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	1.0%
Petroleum Subtotal	4.14	4.31	4.39	4.48	4.56	4.67	4.77	4.88	4.98	5.09	5.19	5.30	5.39	5.48	5.59	5.71	5.81	5.91	5.99	6.08	6.17	6.25	1.9%
Pipeline Fuel Natural Gas	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	0.06	0.06	0.06	0.06	0.06	1.1%
Compressed Natural Gas	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	12.9%
Renewables (E85) 10/	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	0.01	0.01	0.01	0.01	0.01	16.2%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	14.2%
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	N/A
Electricity	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	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	4.3%
Delivered Energy	4.21	4.38	4.47	4.56	4.65	4.76	4.87	4.99	5.10	5.21	5.31	5.43	5.53	5.63	5.74	5.86	5.97	6.07	6.16	6.25	6.34	6.43	1.9%
Electricity Related Losses	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	0.04	0.04	0.04	0.04	0.04	4.1%
Total	4.23	4.40	4.49	4.58	4.67	4.79	4.89	5.01	5.12	5.24	5.34	5.46	5.56	5.66	5.77	5.90	6.01	6.11	6.20	6.29	6.38	6.47	2.0%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	0.69	0.70	0.71	0.72	0.73	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.88	0.89	0.89	1.2%
Kerosene	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	-0.2%
Jet Fuel 8/	0.93	0.98	1.01	1.04	1.07	1.12	1.15	1.20	1.24	1.28	1.32	1.37	1.41	1.45	1.50	1.55	1.60	1.64	1.68	1.72	1.76	1.80	3.0%
Liquefied Petroleum Gas	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	2.5%
Motor Gasoline 2/	2.36	2.44	2.49	2.53	2.55	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.91	2.94	2.98	3.02	3.05	3.08	3.12	3.15	3.18	1.4%
Petrochemical Feedstocks	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	1.1%
Residual Fuel	0.29	0.28	0.29	0.30	0.31	0.32	0.33	0.35	0.36	0.39	0.40	0.41	0.42	0.44	0.45	0.46	0.47	0.49	0.50	0.51	0.52	0.53	2.8%
Other Petroleum 12/	0.75	0.80	0.80	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.80	0.81	0.81	0.81	0.82	0.82	0.83	0.83	0.83	0.84	0.5%
Petroleum Subtotal	5.12	5.31	5.41	5.49	5.58	5.69	5.80	5.92	6.02	6.15	6.26	6.37	6.48	6.58	6.69	6.82	6.93	7.03	7.12	7.21	7.31	7.40	1.7%
Natural Gas 6/	2.25	2.24	2.26	2.30	2.33	2.37	2.41	2.45	2.49	2.53	2.56	2.60	2.63	2.66	2.69	2.72	2.76	2.79	2.81	2.84	2.86	2.88	1.1%
Metallurgical Coal	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
Steam Coal	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	0.08	0.09	0.09	0.09	0.09	0.09	0.9%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	0.07	0.07	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	1.2%
Renewable Energy 13/	0.40	0.41	0.41	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.50	1.0%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	14.2%
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	N/A
Electricity	1.34	1.41	1.43	1.46	1.48	1.50	1.53	1.55	1.57	1.60	1.61	1.64	1.65	1.67	1.69	1.71	1.73	1.75	1.77	1.78	1.80	1.81	1.4%
Delivered Energy	9.18	9.46	9.60	9.75	9.90	10.09	10.26	10.46	10.63	10.82	10.98	11.17	11.32	11.48	11.65	11.83	12.01	12.16	12.29	12.44	12.57	12.71	1.5%
Electricity Related Losses	2.21	2.37	2.37	2.48	2.50	2.38	2.39	2.43	2.42	2.48	2.55	2.55	2.60	2.65	2.66	2.71	2.75	2.72	2.82	2.83	2.81	2.83	1.1%
Total	11.39	11.83	11.97	12.23	12.40	12.47	12.65	12.89	13.05	13.31	13.53	13.71	13.92	14.13	14.30	14.55	14.76	14.88	15.11	15.26	15.39	15.54	1.4%
Electric Generators 14/																							
Distillate Fuel	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	-2.5%
Residual Fuel	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-2.2%
Petroleum Subtotal	0.12	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-2.2%
Natural Gas	0.44	0.82	0.81	0.82	0.88	0.87	0.88	0.94	0.98	1.03	1.08	1.13	1.18	1.23	1.26	1.30	1.32	1.34	1.36	1.34	1.34	1.35	5.2%
Steam Coal	0.19	0.15	0.16	0.17	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	-0.2%
Nuclear Power	0.42	0.42	0.42	0.42	0.42	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	0.43	0.43	0.43	0.2%
Renewable Energy 15/	2.35	2.30	2.31	2.42	2.38	2.29	2.31	2.32	2.30	2.34	2.38	2.34	2.38	2.40	2.38	2.42	2.45	2.43	2.52	2.56	2.56	2.59	0.4%
Electricity Imports 16/	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.8%
Total	3.55	3.79	3.80	3.94	3.98	3.88	3.91	3.98	4.00	4.08	4.16	4.18	4.26	4.33	4.35	4.43	4.48	4.47	4.58	4.61	4.61	4.65	1.2%

**Table 9. Energy Consumption by Sector and Source (3 of 3)  
(Quadrillion Btu per Year, Unless Otherwise Noted)**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Total Energy Consumption																							
Distillate Fuel	0.70	0.71	0.72	0.73	0.74	0.75	0.77	0.78	0.79	0.80	0.81	0.82	0.82	0.83	0.85	0.86	0.87	0.88	0.89	0.89	0.90	0.90	1.2%
Kerosene	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	-0.2%
Jet Fuel 8/	0.93	0.98	1.01	1.04	1.07	1.12	1.15	1.20	1.24	1.28	1.32	1.37	1.41	1.45	1.50	1.55	1.60	1.64	1.68	1.72	1.76	1.80	3.0%
Liquefied Petroleum Gas	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	2.5%
Motor Gasoline 2/	2.36	2.44	2.49	2.53	2.55	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.91	2.94	2.98	3.02	3.05	3.08	3.12	3.15	3.18	1.4%
Petrochemical Feedstocks	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	1.1%
Residual Fuel	0.39	0.34	0.35	0.35	0.36	0.38	0.39	0.41	0.41	0.44	0.46	0.47	0.48	0.49	0.51	0.52	0.53	0.54	0.56	0.57	0.58	0.59	1.9%
Other Petroleum 12/	0.75	0.80	0.80	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.80	0.81	0.81	0.81	0.82	0.82	0.83	0.83	0.83	0.84	0.5%
Petroleum Subtotal	5.23	5.37	5.48	5.56	5.64	5.76	5.86	5.99	6.08	6.22	6.32	6.44	6.54	6.65	6.76	6.88	7.00	7.09	7.19	7.28	7.38	7.47	1.6%
Natural Gas	2.69	3.06	3.07	3.12	3.22	3.25	3.30	3.39	3.47	3.56	3.64	3.73	3.80	3.88	3.95	4.02	4.08	4.12	4.17	4.18	4.20	4.23	2.1%
Metallurgical Coal	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
Steam Coal	0.27	0.22	0.23	0.24	0.25	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.1%
Net Coal Coke Imports	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	9.5%
Coal Subtotal	0.27	0.22	0.23	0.24	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.2%
Nuclear Power	0.42	0.42	0.42	0.42	0.42	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	0.43	0.43	0.43	0.2%
Renewable Energy 17/	2.76	2.71	2.73	2.84	2.81	2.72	2.75	2.76	2.75	2.79	2.83	2.80	2.83	2.86	2.85	2.90	2.93	2.91	3.01	3.05	3.05	3.09	0.5%
Methanol (M85) 11/	0.00	0.00	0.00	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	0.02	0.02	0.02	14.2%
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	N/A
Electricity Imports 16/	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-1.8%
Total	11.39	11.83	11.97	12.23	12.40	12.47	12.65	12.89	13.05	13.31	13.53	13.71	13.92	14.13	14.30	14.55	14.76	14.88	15.11	15.26	15.39	15.54	1.4%
Energy Use & Related Statistics																							
Delivered Energy Use	9.18	9.46	9.60	9.75	9.90	10.09	10.26	10.46	10.63	10.82	10.98	11.17	11.32	11.48	11.65	11.83	12.01	12.16	12.29	12.44	12.57	12.71	1.5%
Total Energy Use	11.39	11.83	11.97	12.23	12.40	12.47	12.65	12.89	13.05	13.31	13.53	13.71	13.92	14.13	14.30	14.55	14.76	14.88	15.11	15.26	15.39	15.54	1.4%
Population (millions)	43.51	44.50	44.93	45.36	45.80	46.26	46.74	47.24	47.75	48.27	48.81	49.36	49.92	50.49	51.07	51.65	52.23	52.81	53.37	53.92	54.45	54.97	1.1%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.

**Table 10. Energy Consumption by Sector and Source (1 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**United States Total**

1998 -

1998 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2020

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Energy Consumption</b>																							
<b>Residential</b>																							
Distillate Fuel	0.84	0.85	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67	0.66	0.66	0.65	-1.2%
Kerosene	0.10	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	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-0.9%
Liquefied Petroleum Gas	0.41	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	0.0%
Petroleum Subtotal	1.36	1.37	1.36	1.35	1.34	1.33	1.31	1.30	1.29	1.28	1.26	1.25	1.24	1.23	1.22	1.21	1.19	1.19	1.17	1.16	1.15	1.15	-0.8%
Natural Gas	4.61	5.04	5.07	5.11	5.14	5.20	5.22	5.26	5.31	5.37	5.40	5.46	5.49	5.54	5.57	5.61	5.65	5.70	5.72	5.76	5.81	5.86	1.1%
Coal	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.4%
Renewable Energy 1/	0.38	0.43	0.43	0.43	0.43	0.44	0.44	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	0.8%
Electricity	3.83	4.04	4.10	4.17	4.23	4.31	4.37	4.43	4.50	4.58	4.64	4.70	4.76	4.83	4.88	4.94	5.00	5.07	5.11	5.16	5.22	5.30	1.5%
Delivered Energy	10.24	10.95	11.02	11.12	11.21	11.33	11.40	11.49	11.58	11.72	11.80	11.91	11.99	12.11	12.16	12.25	12.34	12.45	12.51	12.59	12.69	12.81	1.0%
Electricity Related Losses	8.53	8.94	9.07	9.21	9.32	9.36	9.42	9.50	9.56	9.66	9.73	9.76	9.80	9.86	9.87	9.91	9.96	9.98	10.02	10.05	10.10	10.18	0.8%
<b>Total</b>	<b>18.77</b>	<b>19.89</b>	<b>20.09</b>	<b>20.33</b>	<b>20.53</b>	<b>20.69</b>	<b>20.82</b>	<b>20.99</b>	<b>21.14</b>	<b>21.38</b>	<b>21.53</b>	<b>21.66</b>	<b>21.79</b>	<b>21.96</b>	<b>22.03</b>	<b>22.16</b>	<b>22.30</b>	<b>22.44</b>	<b>22.52</b>	<b>22.64</b>	<b>22.78</b>	<b>22.99</b>	<b>0.9%</b>
<b>Commercial</b>																							
Distillate Fuel	0.38	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.36	0.36	0.36	0.36	0.36	-0.2%
Residual Fuel	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-0.2%
Kerosene	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	-0.1%
Liquefied Petroleum Gas	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.9%
Motor Gasoline 2/	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	-0.3%
Petroleum Subtotal	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.61	0.61	0.61	0.60	-0.1%
Natural Gas	3.11	3.30	3.33	3.36	3.38	3.41	3.43	3.46	3.48	3.51	3.55	3.58	3.62	3.64	3.67	3.69	3.71	3.73	3.74	3.75	3.76	3.75	0.9%
Coal	0.09	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	0.10	0.10	0.10	0.10	0.10	0.10	0.9%
Renewable Energy 3/	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	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Electricity	3.56	3.74	3.81	3.88	3.93	3.99	4.06	4.11	4.17	4.24	4.31	4.36	4.42	4.48	4.52	4.56	4.58	4.61	4.63	4.65	4.67	4.68	1.2%
Delivered Energy	7.46	7.81	7.93	8.02	8.10	8.19	8.28	8.36	8.45	8.55	8.65	8.74	8.84	8.92	8.99	9.05	9.10	9.14	9.17	9.19	9.21	9.22	1.0%
Electricity Related Losses	7.93	8.27	8.42	8.56	8.66	8.66	8.75	8.81	8.87	8.95	9.03	9.04	9.10	9.13	9.15	9.15	9.14	9.09	9.09	9.05	9.02	8.98	0.6%
<b>Total</b>	<b>15.38</b>	<b>16.09</b>	<b>16.35</b>	<b>16.59</b>	<b>16.76</b>	<b>16.84</b>	<b>17.03</b>	<b>17.17</b>	<b>17.32</b>	<b>17.49</b>	<b>17.68</b>	<b>17.78</b>	<b>17.94</b>	<b>18.05</b>	<b>18.14</b>	<b>18.20</b>	<b>18.24</b>	<b>18.23</b>	<b>18.26</b>	<b>18.24</b>	<b>18.23</b>	<b>18.20</b>	<b>0.8%</b>
<b>Industrial 4/</b>																							
Distillate Fuel	1.08	1.09	1.11	1.13	1.16	1.19	1.21	1.24	1.25	1.27	1.28	1.29	1.30	1.32	1.34	1.36	1.38	1.39	1.41	1.42	1.44	1.46	1.3%
Liquefied Petroleum Gas	2.06	2.18	2.20	2.22	2.24	2.26	2.27	2.28	2.31	2.35	2.37	2.40	2.41	2.44	2.47	2.50	2.53	2.54	2.57	2.58	2.61	2.64	1.1%
Petrochemical Feedstocks	1.39	1.30	1.33	1.35	1.40	1.44	1.47	1.51	1.53	1.55	1.56	1.58	1.59	1.61	1.63	1.65	1.66	1.67	1.69	1.70	1.72	1.73	1.0%
Residual Fuel	0.27	0.23	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.28	0.28	0.29	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.7%
Motor Gasoline 2/	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28	1.4%
Other Petroleum 5/	4.11	4.45	4.51	4.52	4.52	4.56	4.61	4.63	4.68	4.69	4.70	4.72	4.75	4.78	4.81	4.85	4.91	4.91	4.95	4.95	4.98	5.03	0.9%
Petroleum Subtotal	9.12	9.47	9.60	9.68	9.78	9.92	10.05	10.16	10.28	10.37	10.44	10.53	10.59	10.69	10.79	10.91	11.04	11.08	11.18	11.23	11.33	11.45	1.0%
Natural Gas 6/	9.75	9.61	9.61	9.73	9.97	10.16	10.36	10.56	10.67	10.77	10.84	10.96	11.02	11.13	11.26	11.39	11.53	11.60	11.70	11.80	11.90	11.99	0.9%
Metallurgical Coal	0.76	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.6%
Steam Coal	1.54	1.54	1.54	1.54	1.55	1.57	1.58	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.60	1.61	1.61	1.61	1.62	1.62	1.63	0.3%
Net Coal Coke Imports	0.07	0.10	0.11	0.12	0.14	0.16	0.17	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.27	0.27	6.6%
Coal Subtotal	2.36	2.37	2.37	2.38	2.40	2.42	2.43	2.43	2.44	2.43	2.42	2.42	2.41	2.41	2.42	2.42	2.42	2.42	2.42	2.42	2.43	2.43	0.1%
Renewable Energy 7/	2.08	2.14	2.17	2.20	2.24	2.27	2.30	2.32	2.34	2.36	2.38	2.40	2.42	2.44	2.46	2.50	2.53	2.54	2.56	2.58	2.61	2.63	1.1%
Electricity	3.57	3.61	3.62	3.69	3.78	3.84	3.92	3.97	4.03	4.08	4.11	4.15	4.19	4.24	4.31	4.38	4.45	4.48	4.53	4.58	4.64	4.70	1.3%
Delivered Energy	26.89	27.20	27.37	27.68	28.16	28.60	29.06	29.44	29.76	30.02	30.19	30.46	30.63	30.92	31.24	31.60	31.96	32.14	32.39	32.61	32.90	33.20	1.0%
Electricity Related Losses	7.95	7.99	8.01	8.14	8.31	8.34	8.45	8.51	8.57	8.61	8.61	8.61	8.62	8.65	8.72	8.78	8.87	8.84	8.90	8.93	8.97	9.03	0.6%
<b>Total</b>	<b>34.84</b>	<b>35.19</b>	<b>35.38</b>	<b>35.82</b>	<b>36.47</b>	<b>36.94</b>	<b>37.51</b>	<b>37.95</b>	<b>38.33</b>	<b>38.63</b>	<b>38.80</b>	<b>39.08</b>	<b>39.25</b>	<b>39.57</b>	<b>39.96</b>	<b>40.39</b>	<b>40.83</b>	<b>40.97</b>	<b>41.29</b>	<b>41.54</b>	<b>41.88</b>	<b>42.23</b>	<b>0.9%</b>

**Table 10. Energy Consumption by Sector and Source (2 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**United States Total**

1998-

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Transportation																							
Distillate Fuel	4.95	5.12	5.19	5.28	5.37	5.45	5.53	5.59	5.64	5.68	5.71	5.76	5.79	5.83	5.89	5.95	6.02	6.05	6.10	6.14	6.18	6.22	1.0%
Jet Fuel 8/	3.36	3.56	3.65	3.76	3.89	4.04	4.16	4.32	4.44	4.58	4.70	4.85	4.96	5.10	5.23	5.40	5.55	5.69	5.82	5.97	6.11	6.24	2.9%
Motor Gasoline 2/	15.59	16.18	16.52	16.83	17.07	17.40	17.69	18.00	18.30	18.57	18.85	19.12	19.34	19.55	19.78	20.05	20.30	20.50	20.70	20.91	21.12	21.35	1.4%
Residual Fuel	0.65	0.69	0.71	0.73	0.75	0.77	0.80	0.82	0.85	0.87	0.90	0.92	0.95	0.97	1.00	1.02	1.05	1.07	1.10	1.12	1.15	1.18	2.7%
Liquefied Petroleum Gas	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	5.0%
Other Petroleum 9/	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.9%
Petroleum Subtotal	24.89	25.91	26.45	26.98	27.47	28.06	28.59	29.14	29.65	30.14	30.60	31.10	31.49	31.91	32.37	32.90	33.39	33.81	34.20	34.64	35.05	35.49	1.6%
Pipeline Fuel Natural Gas	0.75	0.77	0.75	0.75	0.75	0.75	0.77	0.79	0.81	0.83	0.84	0.87	0.88	0.90	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.3%
Compressed Natural Gas	0.02	0.05	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.27	0.28	0.29	0.30	0.31	0.31	0.32	0.33	13.0%
Renewables (E85) 10/	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	16.3%
Methanol (M85) 11/	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	14.3%
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	N/A
Electricity	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.17	4.2%
Delivered Energy	25.74	26.83	27.38	27.96	28.49	29.12	29.71	30.31	30.88	31.42	31.92	32.48	32.92	33.37	33.87	34.45	34.99	35.43	35.86	36.32	36.75	37.20	1.7%
Electricity Related Losses	0.15	0.16	0.16	0.16	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.27	0.28	0.29	0.30	0.30	0.31	0.31	0.32	0.32	3.5%
Total	25.89	26.99	27.54	28.12	28.67	29.32	29.92	30.53	31.11	31.66	32.17	32.74	33.18	33.65	34.15	34.74	35.28	35.73	36.17	36.63	37.07	37.53	1.7%
Delivered Energy Consumption All Sectors																							
Distillate Fuel	7.25	7.43	7.51	7.61	7.71	7.82	7.91	7.98	8.03	8.08	8.10	8.16	8.19	8.24	8.30	8.38	8.45	8.49	8.54	8.58	8.63	8.68	0.8%
Kerosene	0.16	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	0.14	0.14	0.14	0.14	0.14	0.14	-0.7%
Jet Fuel 8/	3.36	3.56	3.65	3.76	3.89	4.04	4.16	4.32	4.44	4.58	4.70	4.85	4.96	5.10	5.23	5.40	5.55	5.69	5.82	5.97	6.11	6.24	2.9%
Liquefied Petroleum Gas	2.59	2.74	2.78	2.80	2.84	2.86	2.88	2.89	2.93	2.97	2.99	3.03	3.04	3.07	3.10	3.13	3.16	3.18	3.20	3.22	3.24	3.27	1.1%
Motor Gasoline 2/	15.82	16.42	16.77	17.08	17.32	17.65	17.95	18.26	18.57	18.84	19.12	19.39	19.62	19.83	20.07	20.33	20.59	20.79	20.99	21.21	21.42	21.65	1.4%
Petrochemical Feedstocks	1.39	1.30	1.33	1.35	1.40	1.44	1.47	1.51	1.53	1.55	1.56	1.58	1.59	1.61	1.63	1.65	1.66	1.67	1.69	1.70	1.72	1.73	1.0%
Residual Fuel	1.02	1.02	1.05	1.07	1.09	1.12	1.15	1.19	1.21	1.26	1.29	1.31	1.34	1.36	1.39	1.42	1.45	1.48	1.50	1.53	1.56	1.59	2.0%
Other Petroleum 12/	4.39	4.74	4.80	4.81	4.81	4.86	4.91	4.94	4.99	5.00	5.01	5.04	5.07	5.10	5.13	5.18	5.24	5.25	5.29	5.29	5.33	5.38	0.9%
Petroleum Subtotal	35.98	37.35	38.02	38.63	39.20	39.92	40.57	41.22	41.84	42.42	42.92	43.50	43.94	44.45	45.00	45.64	46.24	46.69	47.17	47.64	48.14	48.69	1.4%
Natural Gas 6/	18.24	18.77	18.83	19.04	19.37	19.66	19.94	20.24	20.46	20.68	20.85	21.09	21.25	21.46	21.67	21.90	22.13	22.29	22.44	22.60	22.76	22.92	1.0%
Metallurgical Coal	0.76	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.6%
Steam Coal	1.68	1.69	1.69	1.70	1.71	1.72	1.73	1.74	1.74	1.74	1.74	1.75	1.74	1.75	1.75	1.76	1.77	1.77	1.77	1.77	1.78	1.79	0.3%
Net Coal Coke Imports	0.07	0.10	0.11	0.12	0.14	0.16	0.17	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.27	0.27	6.6%
Coal Subtotal	2.50	2.53	2.53	2.53	2.55	2.57	2.59	2.59	2.59	2.59	2.58	2.58	2.57	2.57	2.57	2.58	2.58	2.58	2.58	2.58	2.58	2.58	0.2%
Renewable Energy 13/	2.55	2.66	2.69	2.73	2.77	2.81	2.84	2.87	2.90	2.93	2.95	2.98	3.00	3.03	3.05	3.09	3.12	3.15	3.17	3.19	3.22	3.24	1.1%
Methanol (M85) 11/	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	14.3%
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	N/A
Electricity	11.04	11.47	11.61	11.81	12.02	12.23	12.44	12.62	12.81	13.01	13.17	13.34	13.50	13.69	13.85	14.02	14.18	14.32	14.43	14.55	14.69	14.84	1.4%
Delivered Energy	70.32	72.79	73.71	74.78	75.96	77.24	78.46	79.61	80.68	81.71	82.56	83.59	84.38	85.32	86.27	87.35	88.38	89.16	89.93	90.71	91.55	92.44	1.3%
Electricity Related Losses	24.56	25.36	25.66	26.08	26.47	26.55	26.82	27.03	27.23	27.46	27.62	27.67	27.78	27.92	28.02	28.13	28.27	28.22	28.31	28.34	28.41	28.51	0.7%
Total	94.88	98.15	99.37	100.86	102.44	103.79	105.28	106.64	107.90	109.17	110.18	111.26	112.16	113.23	114.29	115.48	116.66	117.38	118.24	119.05	119.96	120.95	1.1%
Electric Generators 14/																							
Distillate Fuel	0.08	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05	-2.4%
Residual Fuel	1.15	0.82	0.83	0.72	0.66	0.63	0.60	0.62	0.58	0.54	0.48	0.45	0.38	0.36	0.35	0.35	0.36	0.34	0.33	0.32	0.32	0.32	-5.6%
Petroleum Subtotal	1.23	0.88	0.88	0.77	0.71	0.67	0.64	0.66	0.62	0.57	0.52	0.48	0.41	0.40	0.39	0.39	0.41	0.39	0.37	0.37	0.37	0.37	-5.3%
Natural Gas	3.75	4.21	3.97	4.00	4.19	4.26	4.62	4.97	5.48	5.86	6.09	6.60	6.96	7.27	7.61	8.02	8.55	8.77	9.05	9.26	9.37	9.46	4.3%
Steam Coal	19.00	19.94	20.51	20.96	21.48	21.94	22.13	22.26	22.36	22.45	22.57	22.54	22.63	22.73	22.89	23.02	23.26	23.34	23.53	23.65	23.83	24.01	1.1%
Nuclear Power	7.19	7.35	7.37	7.38	7.37	7.27	7.20	7.01	6.88	6.86	6.87	6.70	6.53	6.46	6.26	5.97	5.45	5.23	4.89	4.67	4.58	4.56	-2.1%
Renewable Energy 15/	4.12	4.02	4.13	4.26	4.25	4.18	4.23	4.29	4.30	4.36	4.43	4.43	4.48	4.53	4.51	4.56	4.59	4.58	4.69	4.71	4.72	4.75	0.6%
Electricity Imports 16/	0.31	0.42	0.41	0.52	0.51	0.47	0.44	0.47	0.40	0.35	0.32	0.26	0.27	0.22	0.21	0.19	0.19	0.21	0.21	0.23	0.23	0.21	-1.8%
Total	35.60	36.82	37.27	37.89	38.50	38.78	39.27	39.65	40.03	40.46	40.79	41.00	41.29	41.61	41.87	42.15	42.45	42.53	42.74	42.89	43.10	43.35	0.9%

**Table 10. Energy Consumption by Sector and Source (3 of 3)**  
**(Quadrillion Btu per Year, Unless Otherwise Noted)**  
**United States Total**

1998 -

	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
<b>Total Energy Consumption</b>																							
Distillate Fuel	7.32	7.49	7.56	7.66	7.76	7.86	7.95	8.01	8.07	8.12	8.13	8.19	8.22	8.27	8.34	8.42	8.50	8.53	8.58	8.63	8.68	8.73	0.8%
Kerosene	0.16	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	0.14	0.14	0.14	0.14	0.14	0.14	-0.7%
Jet Fuel 8/	3.36	3.56	3.65	3.76	3.89	4.04	4.16	4.32	4.44	4.58	4.70	4.85	4.96	5.10	5.23	5.40	5.55	5.69	5.82	5.97	6.11	6.24	2.9%
Liquefied Petroleum Gas	2.59	2.74	2.78	2.80	2.84	2.86	2.88	2.89	2.93	2.97	2.99	3.03	3.04	3.07	3.10	3.13	3.16	3.18	3.20	3.22	3.24	3.27	1.1%
Motor Gasoline 2/	15.82	16.42	16.77	17.08	17.32	17.65	17.95	18.26	18.57	18.84	19.12	19.39	19.62	19.83	20.07	20.33	20.59	20.79	20.99	21.21	21.42	21.65	1.4%
Petrochemical Feedstocks	1.39	1.30	1.33	1.35	1.40	1.44	1.47	1.51	1.53	1.55	1.56	1.58	1.59	1.61	1.63	1.65	1.66	1.67	1.69	1.70	1.72	1.73	1.0%
Residual Fuel	2.17	1.84	1.88	1.79	1.75	1.75	1.75	1.81	1.79	1.79	1.77	1.76	1.71	1.73	1.75	1.77	1.81	1.82	1.83	1.85	1.88	1.91	-0.6%
Other Petroleum 12/	4.39	4.74	4.80	4.81	4.81	4.86	4.91	4.94	4.99	5.00	5.01	5.04	5.07	5.10	5.13	5.18	5.24	5.25	5.29	5.29	5.33	5.38	0.9%
Petroleum Subtotal	37.21	38.23	38.90	39.39	39.91	40.59	41.21	41.87	42.46	42.99	43.43	43.98	44.35	44.85	45.39	46.03	46.65	47.08	47.54	48.01	48.51	49.05	1.3%
Natural Gas	21.99	22.98	22.80	23.04	23.56	23.92	24.57	25.21	25.94	26.54	26.93	27.69	28.22	28.73	29.28	29.92	30.68	31.06	31.49	31.86	32.14	32.38	1.8%
Metallurgical Coal	0.76	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.6%
Steam Coal	20.68	21.64	22.20	22.65	23.18	23.66	23.86	24.00	24.10	24.20	24.31	24.28	24.37	24.48	24.64	24.78	25.02	25.11	25.30	25.43	25.61	25.80	1.0%
Net Coal Coke Imports	0.07	0.10	0.11	0.12	0.14	0.16	0.17	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.27	0.27	6.6%
Coal Subtotal	21.50	22.47	23.03	23.49	24.03	24.51	24.72	24.85	24.95	25.04	25.15	25.12	25.20	25.31	25.47	25.60	25.84	25.92	26.11	26.23	26.41	26.60	1.0%
Nuclear Power	7.19	7.35	7.37	7.38	7.37	7.27	7.20	7.01	6.88	6.86	6.87	6.70	6.53	6.46	6.26	5.97	5.45	5.23	4.89	4.67	4.58	4.56	-2.1%
Renewable Energy 17/	6.67	6.68	6.82	6.99	7.02	6.99	7.08	7.16	7.20	7.29	7.38	7.41	7.48	7.56	7.57	7.65	7.71	7.73	7.86	7.90	7.94	7.99	0.8%
Methanol (M85) 11/	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	14.3%
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	N/A
Electricity Imports 16/	0.31	0.42	0.41	0.52	0.51	0.47	0.44	0.47	0.40	0.35	0.32	0.26	0.27	0.22	0.21	0.19	0.19	0.21	0.21	0.23	0.23	0.21	-1.8%
<b>Total</b>	<b>94.88</b>	<b>98.15</b>	<b>99.37</b>	<b>100.86</b>	<b>102.44</b>	<b>103.79</b>	<b>105.28</b>	<b>106.64</b>	<b>107.90</b>	<b>109.17</b>	<b>110.18</b>	<b>111.26</b>	<b>112.16</b>	<b>113.23</b>	<b>114.29</b>	<b>115.48</b>	<b>116.66</b>	<b>117.38</b>	<b>118.24</b>	<b>119.05</b>	<b>119.96</b>	<b>120.95</b>	<b>1.1%</b>
<b>Energy Use &amp; Related Statistics</b>																							
Delivered Energy Use	70.32	72.79	73.71	74.78	75.96	77.24	78.46	79.61	80.68	81.71	82.56	83.59	84.38	85.32	86.27	87.35	88.38	89.16	89.93	90.71	91.55	92.44	1.3%
Total Energy Use	94.88	98.15	99.37	100.86	102.44	103.79	105.28	106.64	107.90	109.17	110.18	111.26	112.16	113.23	114.29	115.48	116.66	117.38	118.24	119.05	119.96	120.95	1.1%
Population (millions)	270.58	275.21	277.50	279.77	282.04	284.30	286.57	288.87	291.19	293.54	295.92	298.34	300.79	303.26	305.75	308.26	310.78	313.31	315.84	318.37	320.89	323.40	0.8%
US GDP (billion 1992 dollars)	7552	7991	8191	8377	8596	8824	9056	9251	9449	9651	9840	10054	10218	10416	10648	10906	11147	11331	11533	11741	11959	12179	2.2%
Total Carbon Emis.(mill. m. tons)	1485.4	1552.4	1575.6	1599.5	1628.5	1657.5	1683.4	1707.8	1730.6	1750.9	1767.1	1786.6	1802.6	1821.3	1842.3	1865.8	1893.4	1908.8	1927.8	1944.7	1961.6	1979.2	1.3%

1/ Includes wood used for residential 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.

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; includes cogeneration, both for sale to the grid and for own use.

8/ Includes naphtha and kerosene type.

9/ Includes aviation gas and lubricants.

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

11/ M85 is 85 percent methanol and 15 percent motor gasoline.

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

13/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers & exempt wholesale generators.

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

16/ In 1998 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.

17/ 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, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

Emis. = Emissions.

Mill. m. tons = Million metric tons.

N/A = Not applicable.

GDP = Gross domestic product.

Note: Totals may not equal sum of components due to independent rounding. The historical data used were the most current available as of July 31, 1999. At that time, most regional data for 1998 were not available.

The numbers presented for 1998 are estimates and may differ from official EIA data reports. Also, please see EIA data publications and the Short-Term Energy Outlook for the latest estimates for 1999. Consumption values

of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1998 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1998, Volume 1, DOE/EIA-0348(98)/1 (Washington, DC, April 1999). 1998 nonutility consumption estimates: Form EIA-867,

"Annual Nonutility Power Producer Report, 1997." Other 1998 values: EIA, Short-Term Energy Outlook, September 1999. Online. <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/sep99.pdf> (October 12, 1999).

Projections: EIA, AEO2000 National Energy Modeling System run AEO2K.D100199A.