

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 01 - New England																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Energy Consumption																									
Residential																									
Distillate Fuel	0.290	0.267	0.275	0.269	0.265	0.262	0.258	0.256	0.251	0.249	0.246	0.246	0.243	0.242	0.240	0.238	0.235	0.233	0.230	0.229	0.226	0.224	0.222	0.220	-1.2%
Kerosene	0.012	0.012	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-3.1%
Liquefied Petroleum Gas	0.025	0.025	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	-1.7%
Petroleum Subtotal	0.327	0.304	0.310	0.303	0.298	0.294	0.290	0.286	0.281	0.277	0.274	0.273	0.270	0.268	0.265	0.263	0.259	0.257	0.254	0.252	0.249	0.247	0.245	0.242	-1.3%
Natural Gas	0.198	0.182	0.199	0.202	0.204	0.207	0.210	0.214	0.217	0.220	0.224	0.229	0.233	0.237	0.240	0.244	0.246	0.249	0.252	0.254	0.255	0.257	0.259	0.262	1.2%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.4%
Renewable Energy 1/ Electricity	0.065	0.059	0.063	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.065	0.065	0.065	0.066	0.066	0.067	0.067	0.067	0.068	0.068	0.068	0.068	0.069	0.070	0.3%
Delivered Energy	0.733	0.693	0.724	0.725	0.725	0.726	0.724	0.726	0.723	0.724	0.725	0.730	0.731	0.733	0.736	0.740	0.740	0.743	0.743	0.747	0.746	0.748	0.750	0.753	0.1%
Electricity Related Losses	0.290	0.280	0.293	0.291	0.294	0.286	0.276	0.265	0.254	0.243	0.234	0.225	0.218	0.216	0.218	0.219	0.220	0.223	0.227	0.233	0.238	0.242	0.248	0.255	-0.6%
Total	1.022	0.973	1.017	1.015	1.019	1.012	1.001	0.991	0.977	0.966	0.959	0.955	0.949	0.950	0.954	0.959	0.960	0.965	0.970	0.980	0.984	0.990	0.998	1.008	-0.1%
Commercial																									
Distillate Fuel	0.087	0.065	0.066	0.065	0.065	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053	0.052	0.052	0.052	0.051	-2.3%
Residual Fuel	0.024	0.020	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	-0.6%
Kerosene	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.4%
Liquefied Petroleum Gas	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.3%
Motor Gasoline 2/ Petroleum Subtotal	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	-0.3%
Natural Gas	0.160	0.152	0.167	0.168	0.169	0.169	0.170	0.171	0.172	0.174	0.175	0.176	0.177	0.179	0.180	0.181	0.182	0.183	0.183	0.183	0.183	0.183	0.184	0.183	0.6%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.4%
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Delivered Energy	0.433	0.405	0.422	0.428	0.429	0.432	0.433	0.434	0.436	0.438	0.440	0.444	0.448	0.450	0.454	0.455	0.457	0.459	0.459	0.459	0.459	0.459	0.459	0.458	0.2%
Electricity Related Losses	0.311	0.301	0.312	0.309	0.310	0.302	0.294	0.284	0.275	0.265	0.258	0.250	0.245	0.246	0.248	0.248	0.249	0.252	0.255	0.260	0.264	0.267	0.271	0.275	-0.5%
Total	0.745	0.706	0.734	0.737	0.739	0.734	0.727	0.718	0.710	0.702	0.698	0.694	0.693	0.697	0.701	0.703	0.706	0.710	0.714	0.719	0.723	0.726	0.730	0.733	-0.1%
Industrial 4/																									
Distillate Fuel	0.026	0.025	0.026	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.032	1.0%
Liquefied Petroleum Gas	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.7%
Petrochemical Feedstocks	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.4%
Residual Fuel	0.056	0.060	0.059	0.063	0.064	0.065	0.066	0.067	0.069	0.070	0.070	0.071	0.072	0.073	0.073	0.074	0.073	0.074	0.076	0.075	0.076	0.076	0.076	0.077	1.4%
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	1.3%
Natural Gas 6/ Metallurgical Coal	0.069	0.067	0.067	0.069	0.069	0.071	0.072	0.073	0.075	0.076	0.077	0.077	0.078	0.079	0.079	0.079	0.079	0.079	0.080	0.080	0.080	0.081	0.081	0.081	0.7%
Steam Coal	0.178	0.179	0.180	0.186	0.187	0.191	0.193	0.196	0.200	0.202	0.204	0.206	0.209	0.211	0.213	0.213	0.213	0.215	0.218	0.218	0.219	0.220	0.221	0.222	1.0%
Net Coal Coke Imports	0.130	0.133	0.136	0.135	0.135	0.135	0.136	0.136	0.136	0.137	0.138	0.139	0.140	0.141	0.141	0.142	0.143	0.143	0.144	0.144	0.145	0.146	0.146	0.146	0.5%
Coal Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Renewable Energy 7/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	N/A
Delivered Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Related Losses	0.123	0.124	0.125	0.127	0.128	0.130	0.132	0.133	0.135	0.137	0.139	0.141	0.143	0.144	0.146	0.147	0.148	0.150	0.151	0.152	0.153	0.154	0.155	0.156	1.0%
Total	0.090	0.091	0.091	0.090	0.091	0.092	0.092	0.093	0.095	0.096	0.098	0.099	0.100	0.101	0.101	0.102	0.102	0.103	0.104	0.104	0.105	0.106	0.106	0.106	0.7%
Delivered Energy	0.521	0.526	0.531	0.537	0.542	0.549	0.553	0.557	0.566	0.573	0.579	0.585	0.592	0.598	0.601	0.604	0.607	0.611	0.617	0.619	0.623	0.626	0.629	0.631	0.8%
Electricity Related Losses	0.184	0.174	0.176	0.169	0.170	0.165	0.160	0.154	0.150	0.146	0.143	0.137	0.134	0.134	0.134	0.135	0.135	0.137	0.140	0.142	0.145	0.147	0.150	0.152	-0.8%
Total	0.705	0.700	0.707	0.706	0.712	0.713	0.713	0.711	0.716	0.719	0.722	0.722	0.726	0.732	0.735	0.739	0.742	0.748	0.757	0.761	0.768	0.773	0.779	0.783	0.5%

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	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Transportation																									
Distillate Fuel 8/	0.143	0.153	0.155	0.157	0.160	0.162	0.164	0.165	0.167	0.169	0.171	0.172	0.174	0.175	0.176	0.177	0.178	0.180	0.181	0.182	0.183	0.184	0.185	0.186	1.2%
Jet Fuel 9/	0.065	0.065	0.067	0.074	0.076	0.077	0.079	0.081	0.083	0.086	0.088	0.091	0.093	0.095	0.097	0.098	0.100	0.101	0.103	0.105	0.106	0.108	0.109	0.111	2.3%
Motor Gasoline 2/	0.711	0.726	0.736	0.757	0.770	0.782	0.792	0.801	0.810	0.819	0.828	0.835	0.842	0.849	0.851	0.852	0.854	0.856	0.859	0.860	0.863	0.865	0.868	0.870	0.9%
Residual Fuel	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.6%
Liquefied Petroleum Gas	0.002	0.002	0.002	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	8.4%
Other Petroleum 10/	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.5%
Petroleum Subtotal	0.933	0.959	0.973	1.004	1.022	1.038	1.053	1.065	1.080	1.094	1.107	1.119	1.130	1.141	1.146	1.151	1.155	1.161	1.167	1.171	1.177	1.182	1.187	1.191	1.1%
Pipeline Fuel Natural Gas	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	2.1%
Compressed Natural Gas	0.001	0.001	0.002	0.003	0.004	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018	14.4%
Renewables (E85) 11/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	23.5%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	21.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	5.6%
Delivered Energy	0.942	0.968	0.984	1.016	1.037	1.055	1.072	1.087	1.104	1.120	1.136	1.149	1.162	1.175	1.181	1.187	1.193	1.200	1.207	1.212	1.219	1.225	1.231	1.236	1.2%
Electricity Related Losses	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.013	0.014	0.014	0.015	4.0%
Total	0.948	0.974	0.989	1.022	1.043	1.060	1.079	1.094	1.112	1.129	1.144	1.158	1.172	1.185	1.192	1.198	1.204	1.211	1.219	1.225	1.232	1.238	1.245	1.250	1.2%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	0.545	0.510	0.521	0.518	0.516	0.514	0.511	0.509	0.506	0.505	0.504	0.505	0.504	0.504	0.502	0.500	0.498	0.498	0.496	0.496	0.493	0.492	0.491	0.489	-0.5%
Kerosene	0.017	0.017	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-2.0%
Jet Fuel 9/	0.065	0.065	0.067	0.074	0.076	0.077	0.079	0.081	0.083	0.086	0.088	0.091	0.093	0.095	0.097	0.098	0.100	0.101	0.103	0.105	0.106	0.108	0.109	0.111	2.3%
Liquefied Petroleum Gas	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.039	0.039	0.039	0.039	0.039	0.039	0.2%
Motor Gasoline 2/	0.719	0.734	0.744	0.765	0.778	0.790	0.801	0.809	0.819	0.828	0.837	0.844	0.851	0.858	0.860	0.861	0.863	0.865	0.868	0.869	0.872	0.875	0.877	0.879	0.9%
Petrochemical Feedstocks	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.4%
Residual Fuel	0.082	0.082	0.080	0.084	0.085	0.087	0.088	0.089	0.092	0.092	0.093	0.095	0.096	0.097	0.097	0.097	0.097	0.099	0.099	0.099	0.100	0.100	0.100	0.100	0.9%
Other Petroleum 13/	0.077	0.075	0.076	0.078	0.078	0.080	0.081	0.082	0.084	0.085	0.086	0.086	0.087	0.088	0.088	0.088	0.088	0.089	0.089	0.089	0.090	0.090	0.090	0.091	0.7%
Petroleum Subtotal	1.559	1.536	1.556	1.587	1.601	1.616	1.627	1.638	1.650	1.662	1.673	1.685	1.696	1.707	1.710	1.712	1.713	1.718	1.723	1.725	1.728	1.731	1.735	1.737	0.5%
Natural Gas 6/	0.492	0.473	0.509	0.513	0.518	0.523	0.528	0.535	0.540	0.547	0.555	0.563	0.570	0.577	0.582	0.589	0.593	0.598	0.602	0.606	0.608	0.611	0.614	0.617	1.0%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.2%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.2%
Renewable Energy 14/	0.188	0.184	0.188	0.191	0.193	0.195	0.196	0.198	0.201	0.203	0.206	0.208	0.211	0.213	0.214	0.216	0.218	0.220	0.222	0.223	0.225	0.226	0.228	0.229	0.9%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	21.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.387	0.398	0.405	0.412	0.418	0.424	0.426	0.429	0.433	0.437	0.441	0.447	0.451	0.455	0.460	0.463	0.466	0.469	0.473	0.476	0.478	0.481	0.484	0.487	1.0%
Delivered Energy	2.629	2.593	2.661	2.706	2.733	2.761	2.781	2.805	2.829	2.855	2.880	2.909	2.933	2.957	2.972	2.987	2.997	3.012	3.026	3.037	3.046	3.057	3.068	3.077	0.7%
Electricity Related Losses	0.791	0.759	0.786	0.774	0.779	0.759	0.738	0.710	0.687	0.661	0.644	0.620	0.606	0.607	0.610	0.612	0.615	0.623	0.633	0.646	0.661	0.670	0.684	0.696	-0.6%
Total	3.419	3.352	3.447	3.480	3.512	3.520	3.519	3.515	3.516	3.516	3.524	3.529	3.540	3.564	3.582	3.598	3.611	3.635	3.659	3.684	3.707	3.728	3.751	3.773	0.4%

Table 1. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 01 - New England																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-2.2%
Residual Fuel	0.226	0.221	0.282	0.261	0.272	0.217	0.196	0.130	0.077	0.055	0.027	0.015	0.007	0.005	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.004	-16.0%
Petroleum Subtotal	0.230	0.224	0.286	0.264	0.275	0.221	0.199	0.133	0.080	0.058	0.030	0.017	0.009	0.007	0.005	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.006	-14.4%
Natural Gas	0.218	0.198	0.220	0.232	0.308	0.343	0.388	0.431	0.469	0.519	0.538	0.557	0.566	0.581	0.580	0.600	0.612	0.614	0.618	0.620	0.625	0.627	0.632	0.637	4.8%
Steam Coal	0.193	0.188	0.192	0.191	0.193	0.192	0.192	0.190	0.184	0.182	0.176	0.151	0.138	0.127	0.132	0.136	0.138	0.139	0.143	0.148	0.150	0.152	0.152	0.154	-1.0%
Nuclear Power	0.370	0.355	0.302	0.306	0.309	0.312	0.269	0.270	0.272	0.221	0.221	0.221	0.220	0.220	0.220	0.195	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	-3.0%
Renewable Energy 16/	0.066	0.084	0.083	0.086	0.088	0.090	0.091	0.091	0.092	0.094	0.096	0.098	0.100	0.102	0.108	0.114	0.120	0.127	0.133	0.141	0.151	0.160	0.170	0.180	4.5%
Electricity Imports 17/	0.102	0.108	0.107	0.107	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	-6.1%
Total	1.178	1.157	1.191	1.186	1.197	1.182	1.163	1.139	1.120	1.098	1.085	1.067	1.058	1.062	1.070	1.075	1.081	1.092	1.106	1.122	1.139	1.152	1.168	1.183	0.0%
Total Energy Consumption																									
Distillate Fuel	0.549	0.514	0.525	0.521	0.519	0.518	0.515	0.513	0.509	0.509	0.507	0.507	0.506	0.505	0.504	0.502	0.500	0.500	0.498	0.498	0.495	0.494	0.493	0.491	-0.5%
Kerosene	0.017	0.017	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-2.0%
Jet Fuel 9/	0.065	0.065	0.067	0.074	0.076	0.077	0.079	0.081	0.083	0.086	0.088	0.091	0.093	0.095	0.097	0.098	0.100	0.101	0.103	0.105	0.106	0.108	0.109	0.111	2.3%
Liquefied Petroleum Gas	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.039	0.039	0.039	0.039	0.039	0.039	0.2%
Motor Gasoline 2/	0.719	0.734	0.744	0.765	0.778	0.790	0.801	0.809	0.819	0.828	0.837	0.844	0.851	0.858	0.860	0.861	0.863	0.865	0.868	0.869	0.872	0.875	0.877	0.879	0.9%
Petrochemical Feedstocks	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.4%
Residual Fuel	0.308	0.302	0.362	0.345	0.357	0.304	0.284	0.219	0.169	0.147	0.119	0.108	0.102	0.101	0.100	0.101	0.100	0.101	0.103	0.103	0.104	0.104	0.105	0.104	-4.6%
Other Petroleum 13/	0.077	0.075	0.076	0.078	0.078	0.080	0.081	0.082	0.084	0.085	0.086	0.086	0.087	0.088	0.088	0.088	0.088	0.089	0.089	0.090	0.090	0.090	0.090	0.091	0.7%
Petroleum Subtotal	1.789	1.760	1.843	1.851	1.876	1.837	1.826	1.771	1.730	1.720	1.703	1.702	1.705	1.714	1.715	1.718	1.718	1.723	1.729	1.732	1.734	1.738	1.742	1.743	-0.1%
Natural Gas	0.710	0.671	0.730	0.745	0.825	0.866	0.916	0.965	1.009	1.067	1.093	1.120	1.136	1.158	1.162	1.188	1.205	1.212	1.220	1.226	1.233	1.238	1.246	1.254	2.5%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.195	0.190	0.195	0.193	0.195	0.194	0.195	0.192	0.186	0.184	0.178	0.153	0.141	0.129	0.134	0.138	0.140	0.141	0.145	0.150	0.152	0.154	0.154	0.156	-1.0%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.195	0.190	0.195	0.193	0.195	0.194	0.195	0.192	0.186	0.184	0.178	0.153	0.141	0.129	0.134	0.138	0.140	0.141	0.145	0.150	0.152	0.154	0.154	0.156	-1.0%
Nuclear Power	0.370	0.355	0.302	0.306	0.309	0.312	0.269	0.270	0.272	0.221	0.221	0.221	0.220	0.220	0.220	0.195	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	-3.0%
Renewable Energy 18/	0.254	0.268	0.271	0.277	0.281	0.285	0.287	0.290	0.293	0.297	0.302	0.306	0.310	0.315	0.323	0.330	0.338	0.347	0.355	0.365	0.376	0.386	0.398	0.409	2.1%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	21.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	0.102	0.108	0.107	0.107	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	-6.1%
Total	3.419	3.352	3.447	3.480	3.512	3.520	3.519	3.515	3.516	3.516	3.524	3.529	3.540	3.563	3.582	3.598	3.611	3.635	3.659	3.684	3.707	3.728	3.751	3.773	0.4%
Energy Use & Related Statistics																									
Delivered Energy Use	2.629	2.593	2.661	2.706	2.733	2.761	2.781	2.805	2.829	2.855	2.880	2.909	2.933	2.957	2.972	2.987	2.997	3.012	3.026	3.037	3.046	3.057	3.068	3.077	0.7%
Total Energy Use	3.419	3.352	3.447	3.480	3.512	3.520	3.519	3.515	3.516	3.516	3.524	3.529	3.540	3.564	3.582	3.598	3.611	3.635	3.659	3.684	3.707	3.728	3.751	3.773	0.4%
Population (millions)	13.399	13.460	13.523	13.587	13.654	13.718	13.773	13.823	13.875	13.928	13.982	14.039	14.097	14.155	14.213	14.270	14.328	14.386	14.445	14.504	14.563	14.621	14.679	14.734	0.4%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 1. Energy Consumption by Sector and Source (01 - New England) Notes

- 1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps & solar thermal hot water heating.
- 2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.
- 3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating.
- 4/ Fuel consumption includes consumption for cogeneration.
- 5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.
- 6/ Includes lease and plant fuel and consumption by cogenerators, excludes consumption by nonutility generators.
- 7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; includes for cogeneration, both for sale to the grid and for own use.
- 8/ Low sulfur diesel fuel.
- 9/ Includes naphtha and kerosene type.
- 10/ Includes aviation gas and lubricants.
- 11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).
- 12/ M85 is 85 percent methanol and 15 percent motor gasoline.
- 13/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.
- 14/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.
- 15/ 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 and exempt wholesale generators.
- 16/ 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.
- 17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.
- 18/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps and solar thermal hot water heaters.
- Btu = British thermal unit.
N/A = Not applicable.
- Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.
- Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 02 - Middle Atlantic																								1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Energy Consumption																										
Residential																										
Distillate Fuel	0.363	0.335	0.344	0.336	0.330	0.325	0.319	0.315	0.308	0.304	0.300	0.298	0.294	0.291	0.288	0.286	0.283	0.281	0.277	0.275	0.272	0.269	0.267	0.264	-1.4%	
Kerosene	0.026	0.026	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	-2.6%
Liquefied Petroleum Gas	0.035	0.034	0.035	0.036	0.036	0.037	0.037	0.037	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.034	0.033	0.033	0.033	0.033	-0.3%
Petroleum Subtotal	0.424	0.395	0.400	0.393	0.386	0.381	0.375	0.370	0.363	0.358	0.353	0.350	0.346	0.342	0.339	0.336	0.332	0.330	0.326	0.324	0.319	0.316	0.314	0.311	-1.3%	
Natural Gas	0.894	0.825	0.901	0.894	0.883	0.876	0.870	0.866	0.857	0.851	0.847	0.846	0.840	0.836	0.839	0.845	0.846	0.849	0.849	0.850	0.846	0.846	0.845	0.846	0.846	-0.2%
Coal	0.019	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	-0.7%
Renewable Energy 1/ Electricity	0.095	0.085	0.093	0.093	0.092	0.092	0.092	0.092	0.091	0.091	0.091	0.090	0.091	0.090	0.090	0.090	0.090	0.090	0.089	0.089	0.089	0.089	0.089	0.089	0.089	-0.3%
Delivered Energy	1.813	1.718	1.818	1.820	1.815	1.810	1.802	1.799	1.787	1.781	1.776	1.779	1.770	1.766	1.772	1.783	1.784	1.788	1.789	1.795	1.790	1.791	1.795	1.801	1.801	-0.0%
Electricity Related Losses	0.807	0.759	0.788	0.833	0.869	0.880	0.879	0.878	0.880	0.875	0.863	0.878	0.879	0.872	0.876	0.886	0.888	0.876	0.892	0.901	0.915	0.908	0.909	0.913	0.913	0.5%
Total	2.620	2.477	2.607	2.653	2.684	2.690	2.681	2.677	2.667	2.656	2.639	2.658	2.649	2.638	2.647	2.669	2.672	2.665	2.681	2.696	2.705	2.699	2.704	2.715	2.715	0.2%
Commercial																										
Distillate Fuel	0.154	0.115	0.117	0.116	0.114	0.111	0.108	0.106	0.103	0.101	0.099	0.098	0.096	0.095	0.094	0.093	0.092	0.091	0.089	0.088	0.086	0.085	0.084	0.082	-2.7%	
Residual Fuel	0.078	0.066	0.061	0.062	0.062	0.063	0.063	0.063	0.063	0.063	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.063	0.063	0.063	-0.9%
Kerosene	0.013	0.013	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	-0.6%
Liquefied Petroleum Gas	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.1%
Motor Gasoline 2/ Petroleum Subtotal	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.3%
Natural Gas	0.574	0.548	0.601	0.605	0.608	0.611	0.614	0.618	0.621	0.624	0.627	0.631	0.634	0.637	0.640	0.643	0.645	0.646	0.647	0.646	0.645	0.644	0.643	0.641	0.641	0.5%
Coal	0.017	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.018	0.018	0.4%
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Delivered Energy	1.309	1.248	1.306	1.318	1.324	1.330	1.335	1.340	1.346	1.351	1.357	1.366	1.372	1.377	1.383	1.388	1.393	1.395	1.396	1.393	1.391	1.387	1.387	1.383	1.383	0.2%
Electricity Related Losses	0.986	0.927	0.953	0.985	1.005	1.012	1.008	1.000	1.003	0.992	0.977	0.990	0.993	0.985	0.982	0.986	0.986	0.967	0.977	0.972	0.982	0.963	0.956	0.947	0.947	-0.2%
Total	2.295	2.175	2.259	2.303	2.329	2.343	2.343	2.341	2.349	2.343	2.334	2.356	2.365	2.362	2.365	2.374	2.379	2.362	2.373	2.366	2.373	2.351	2.342	2.330	2.330	0.1%
Industrial 4/																										
Distillate Fuel	0.054	0.053	0.054	0.054	0.054	0.055	0.056	0.057	0.058	0.059	0.060	0.061	0.061	0.062	0.063	0.063	0.063	0.064	0.065	0.065	0.065	0.066	0.066	0.067	0.067	0.9%
Liquefied Petroleum Gas	0.017	0.016	0.017	0.017	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.5%
Petrochemical Feedstocks	0.148	0.146	0.148	0.148	0.149	0.148	0.146	0.143	0.142	0.144	0.146	0.147	0.148	0.150	0.151	0.152	0.153	0.155	0.156	0.157	0.159	0.160	0.161	0.162	0.162	0.4%
Residual Fuel	0.038	0.038	0.041	0.043	0.043	0.044	0.045	0.045	0.046	0.047	0.047	0.048	0.049	0.050	0.050	0.050	0.051	0.052	0.051	0.051	0.051	0.052	0.052	0.052	0.052	1.4%
Motor Gasoline 2/	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.016	0.016	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	1.3%
Other Petroleum 5/ Petroleum Subtotal	0.462	0.456	0.460	0.564	0.560	0.566	0.573	0.578	0.583	0.588	0.589	0.609	0.606	0.617	0.619	0.618	0.617	0.610	0.613	0.599	0.594	0.593	0.590	0.590	0.590	1.1%
Natural Gas 6/	0.758	0.773	0.795	0.771	0.788	0.797	0.797	0.796	0.802	0.809	0.819	0.814	0.825	0.829	0.834	0.844	0.850	0.863	0.870	0.883	0.886	0.893	0.899	0.902	0.902	0.8%
Metallurgical Coal	0.293	0.284	0.293	0.288	0.282	0.277	0.271	0.266	0.261	0.257	0.252	0.248	0.243	0.239	0.235	0.231	0.226	0.222	0.219	0.215	0.211	0.207	0.203	0.200	0.200	-1.6%
Steam Coal	0.106	0.106	0.108	0.104	0.104	0.104	0.104	0.104	0.104	0.105	0.106	0.106	0.107	0.108	0.108	0.108	0.108	0.109	0.109	0.109	0.110	0.110	0.110	0.111	0.111	0.2%
Net Coal Coke Imports	0.001	0.004	0.004	0.004	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	11.3%
Coal Subtotal	0.399	0.394	0.405	0.396	0.391	0.386	0.381	0.377	0.372	0.369	0.366	0.362	0.358	0.355	0.351	0.347	0.344	0.340	0.337	0.334	0.331	0.327	0.324	0.321	0.321	-0.9%
Renewable Energy 7/ Electricity	0.173	0.175	0.174	0.176	0.179	0.181	0.183	0.185	0.188	0.191	0.193	0.195	0.198	0.200	0.202	0.204	0.205	0.207	0.208	0.209	0.210	0.211	0.212	0.213	0.213	0.9%
Delivered Energy	2.363	2.368	2.408	2.486	2.501	2.520	2.525	2.527	2.544	2.565	2.583	2.605	2.619	2.640	2.648	2.662	2.667	2.677	2.693	2.690	2.690	2.698	2.702	2.705	2.705	0.6%
Electricity Related Losses	0.636	0.585	0.588	0.600	0.613	0.619	0.614	0.610	0.615	0.615	0.608	0.620	0.623	0.622	0.619	0.622	0.620	0.612	0.624	0.620	0.630	0.623	0.618	0.613	0.613	-0.2%
Total	2.999	2.953	2.996	3.086	3.114	3.139	3.139	3.137	3.158	3.180	3.191	3.225	3.242	3.263	3.268	3.284	3.287	3.288	3.317	3.310	3.320	3.321	3.320	3.317	3.317	0.4%

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 02 - Middle Atlantic																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Transportation																										
Distillate Fuel 8/	0.430	0.461	0.467	0.472	0.479	0.484	0.488	0.492	0.498	0.503	0.507	0.511	0.515	0.519	0.521	0.524	0.525	0.529	0.533	0.535	0.537	0.539	0.540	0.541	1.0%	
Jet Fuel 9/	0.420	0.416	0.427	0.483	0.492	0.505	0.516	0.529	0.543	0.559	0.573	0.590	0.605	0.619	0.629	0.641	0.650	0.662	0.672	0.684	0.693	0.704	0.713	0.721	2.4%	
Motor Gasoline 2/	1.745	1.783	1.809	1.848	1.873	1.894	1.915	1.930	1.950	1.966	1.982	1.994	2.005	2.017	2.017	2.016	2.015	2.016	2.016	2.014	2.016	2.016	2.016	2.016	0.6%	
Residual Fuel	0.078	0.063	0.075	0.077	0.079	0.080	0.082	0.084	0.086	0.088	0.091	0.093	0.095	0.097	0.099	0.101	0.102	0.104	0.106	0.108	0.109	0.111	0.113	0.114	1.7%	
Liquefied Petroleum Gas	0.004	0.005	0.006	0.007	0.008	0.010	0.011	0.013	0.015	0.017	0.019	0.020	0.021	0.022	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.026	0.026	0.026	8.2%	
Other Petroleum 10/	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.032	0.031	0.031	0.032	0.031	0.031	0.031	0.031	0.031	0.2%	
Petroleum Subtotal	2.707	2.759	2.814	2.917	2.962	3.003	3.042	3.079	3.122	3.164	3.203	3.239	3.273	3.305	3.320	3.336	3.348	3.367	3.384	3.397	3.412	3.427	3.439	3.450	1.1%	
Pipeline Fuel Natural Gas	0.053	0.054	0.055	0.056	0.058	0.060	0.061	0.064	0.067	0.068	0.070	0.071	0.071	0.073	0.074	0.075	0.075	0.077	0.077	0.078	0.079	0.079	0.080	0.080	1.8%	
Compressed Natural Gas	0.002	0.003	0.005	0.008	0.012	0.016	0.019	0.022	0.025	0.027	0.029	0.030	0.032	0.034	0.035	0.036	0.037	0.038	0.039	0.039	0.040	0.040	0.041	0.041	14.1%	
Renewables (E85) 11/	0.000	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	23.2%	
M85 12/	0.000	0.001	0.001	0.003	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.014	0.014	21.0%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Electricity	0.008	0.008	0.009	0.009	0.009	0.009	0.011	0.013	0.014	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.022	0.023	0.024	0.025	0.026	0.026	0.027	0.028	5.3%	
Delivered Energy	2.770	2.826	2.885	2.994	3.046	3.094	3.142	3.187	3.238	3.286	3.332	3.373	3.411	3.449	3.468	3.487	3.502	3.524	3.544	3.560	3.577	3.595	3.609	3.621	1.2%	
Electricity Related Losses	0.018	0.016	0.017	0.017	0.018	0.018	0.021	0.024	0.027	0.029	0.031	0.033	0.035	0.036	0.038	0.039	0.040	0.041	0.042	0.043	0.045	0.046	0.046	0.047	4.3%	
Total	2.788	2.843	2.902	3.012	3.064	3.112	3.163	3.211	3.265	3.316	3.362	3.406	3.446	3.485	3.506	3.526	3.542	3.565	3.587	3.604	3.622	3.640	3.656	3.668	1.2%	
Delivered Energy Consumption All Sectors																										
Distillate Fuel	1.001	0.964	0.982	0.978	0.977	0.975	0.972	0.970	0.967	0.967	0.966	0.967	0.967	0.967	0.966	0.965	0.963	0.965	0.964	0.963	0.960	0.959	0.958	0.955	-0.2%	
Kerosene	0.050	0.051	0.043	0.043	0.043	0.042	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.038	0.038	0.038	0.038	0.038	0.038	0.037	0.037	-1.2%
Jet Fuel 9/	0.420	0.416	0.427	0.483	0.492	0.505	0.516	0.529	0.543	0.559	0.573	0.590	0.605	0.619	0.629	0.641	0.650	0.662	0.672	0.684	0.693	0.704	0.713	0.721	2.4%	
Liquefied Petroleum Gas	0.063	0.062	0.064	0.066	0.067	0.069	0.071	0.073	0.075	0.077	0.079	0.080	0.081	0.082	0.082	0.083	0.083	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	1.3%
Motor Gasoline 2/	1.762	1.800	1.825	1.865	1.891	1.912	1.933	1.949	1.968	1.985	2.001	2.014	2.025	2.037	2.037	2.036	2.036	2.036	2.037	2.035	2.037	2.037	2.037	2.037	2.037	0.6%
Petrochemical Feedstocks	0.148	0.146	0.148	0.148	0.149	0.148	0.146	0.143	0.142	0.144	0.146	0.147	0.148	0.150	0.151	0.152	0.153	0.155	0.156	0.157	0.159	0.160	0.161	0.162	0.4%	
Residual Fuel	0.194	0.168	0.177	0.182	0.184	0.187	0.190	0.192	0.196	0.198	0.201	0.204	0.207	0.211	0.213	0.215	0.217	0.219	0.222	0.223	0.225	0.226	0.228	0.229	0.7%	
Other Petroleum 13/	0.480	0.474	0.478	0.582	0.579	0.585	0.591	0.596	0.601	0.607	0.608	0.628	0.625	0.636	0.638	0.638	0.636	0.629	0.632	0.618	0.613	0.611	0.609	0.608	1.0%	
Petroleum Subtotal	4.118	4.081	4.144	4.348	4.381	4.423	4.459	4.494	4.533	4.578	4.614	4.670	4.698	4.741	4.756	4.770	4.776	4.788	4.805	4.803	4.808	4.820	4.827	4.834	0.7%	
Natural Gas 6/	2.281	2.204	2.357	2.336	2.349	2.360	2.362	2.366	2.370	2.379	2.391	2.392	2.402	2.409	2.421	2.443	2.454	2.473	2.481	2.496	2.496	2.502	2.507	2.510	0.4%	
Metallurgical Coal	0.293	0.284	0.293	0.288	0.282	0.277	0.271	0.266	0.261	0.257	0.252	0.248	0.243	0.239	0.235	0.231	0.226	0.222	0.219	0.215	0.211	0.207	0.203	0.200	-1.6%	
Steam Coal	0.142	0.144	0.146	0.142	0.142	0.142	0.141	0.141	0.141	0.142	0.143	0.143	0.143	0.144	0.144	0.144	0.144	0.144	0.145	0.145	0.145	0.146	0.146	0.146	0.1%	
Net Coal Coke Imports	0.001	0.004	0.004	0.004	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	11.3%	
Coal Subtotal	0.435	0.432	0.443	0.434	0.429	0.424	0.419	0.414	0.409	0.406	0.402	0.399	0.395	0.391	0.387	0.383	0.379	0.376	0.373	0.369	0.366	0.363	0.359	0.356	-0.9%	
Renewable Energy 14/	0.268	0.260	0.268	0.271	0.273	0.275	0.277	0.280	0.283	0.286	0.289	0.292	0.295	0.297	0.299	0.301	0.303	0.304	0.306	0.308	0.308	0.309	0.310	0.311	0.6%	
M85 12/	0.000	0.001	0.001	0.003	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	21.0%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Electricity	1.152	1.182	1.203	1.228	1.251	1.268	1.281	1.294	1.311	1.327	1.343	1.362	1.372	1.385	1.398	1.412	1.423	1.431	1.444	1.451	1.458	1.465	1.476	1.487	1.1%	
Delivered Energy	8.255	8.159	8.417	8.618	8.687	8.754	8.803	8.854	8.914	8.982	9.048	9.123	9.172	9.232	9.272	9.321	9.346	9.385	9.422	9.439	9.449	9.472	9.493	9.511	0.6%	
Electricity Related Losses	2.448	2.287	2.346	2.436	2.504	2.529	2.522	2.513	2.525	2.512	2.478	2.521	2.530	2.515	2.515	2.532	2.534	2.496	2.535	2.536	2.571	2.540	2.529	2.519	0.1%	
Total	10.703	10.447	10.763	11.054	11.190	11.283	11.326	11.367	11.439	11.494	11.526	11.645	11.702	11.747	11.787	11.853	11.880	11.880	11.957	11.976	12.020	12.011	12.022	12.030	0.5%	

Table 2. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 02 - Middle Atlantic																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.011	0.012	0.013	0.009	0.010	0.009	0.008	0.007	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	-2.2%
Residual Fuel	0.111	0.155	0.161	0.193	0.178	0.122	0.082	0.047	0.015	0.013	0.005	0.004	0.008	0.007	0.006	0.005	0.003	0.004	0.006	0.007	0.007	0.006	0.004	0.002	-16.5%
Petroleum Subtotal	0.122	0.167	0.174	0.202	0.188	0.131	0.091	0.054	0.021	0.020	0.011	0.011	0.015	0.014	0.013	0.013	0.010	0.011	0.012	0.013	0.014	0.013	0.010	0.008	-11.1%
Natural Gas	0.301	0.203	0.229	0.303	0.359	0.439	0.513	0.642	0.796	0.860	0.970	1.019	1.042	1.136	1.199	1.248	1.287	1.389	1.483	1.511	1.591	1.610	1.627	1.613	7.6%
Steam Coal	1.410	1.281	1.342	1.367	1.373	1.365	1.350	1.340	1.313	1.336	1.323	1.363	1.360	1.350	1.395	1.389	1.392	1.384	1.417	1.420	1.443	1.471	1.453	1.472	0.2%
Nuclear Power	1.222	1.276	1.314	1.275	1.279	1.283	1.272	1.199	1.146	1.049	0.945	0.942	0.926	0.860	0.779	0.777	0.761	0.641	0.562	0.532	0.473	0.407	0.406	0.405	-4.7%
Renewable Energy 16/	0.399	0.371	0.345	0.368	0.368	0.368	0.369	0.369	0.369	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	-0.3%
Electricity Imports 17/	0.146	0.171	0.146	0.149	0.188	0.211	0.209	0.204	0.191	0.205	0.202	0.179	0.189	0.170	0.156	0.148	0.135	0.132	0.135	0.141	0.138	0.133	0.138	0.138	-0.2%
Total	3.600	3.469	3.549	3.664	3.755	3.797	3.803	3.808	3.836	3.839	3.821	3.883	3.902	3.900	3.913	3.944	3.956	3.927	3.979	3.988	4.029	4.005	4.005	4.006	0.5%
Total Energy Consumption																									
Distillate Fuel	1.012	0.976	0.994	0.987	0.986	0.984	0.980	0.977	0.974	0.974	0.972	0.974	0.974	0.975	0.974	0.972	0.969	0.971	0.970	0.970	0.967	0.966	0.965	0.961	-0.2%
Kerosene	0.050	0.051	0.043	0.043	0.043	0.042	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.038	0.038	0.038	0.038	0.038	0.037	0.037	-1.2%
Jet Fuel 9/	0.420	0.416	0.427	0.483	0.492	0.505	0.516	0.529	0.543	0.559	0.573	0.590	0.605	0.619	0.629	0.641	0.650	0.662	0.672	0.684	0.693	0.704	0.713	0.721	2.4%
Liquefied Petroleum Gas	0.063	0.062	0.064	0.066	0.067	0.069	0.071	0.073	0.075	0.077	0.079	0.080	0.081	0.082	0.082	0.083	0.083	0.084	0.084	0.084	0.084	0.084	0.084	0.084	1.3%
Motor Gasoline 2/	1.762	1.800	1.825	1.865	1.891	1.912	1.933	1.949	1.968	1.985	2.001	2.014	2.025	2.037	2.037	2.036	2.036	2.036	2.037	2.035	2.037	2.037	2.037	2.037	0.6%
Petrochemical Feedstocks	0.148	0.146	0.148	0.148	0.149	0.148	0.146	0.143	0.142	0.144	0.146	0.147	0.148	0.150	0.151	0.152	0.153	0.155	0.156	0.157	0.159	0.160	0.161	0.162	0.4%
Residual Fuel	0.306	0.323	0.338	0.374	0.362	0.309	0.272	0.239	0.210	0.211	0.206	0.208	0.215	0.217	0.219	0.221	0.220	0.223	0.228	0.230	0.232	0.232	0.231	0.231	-1.2%
Other Petroleum 13/	0.480	0.474	0.478	0.582	0.579	0.585	0.591	0.596	0.601	0.607	0.608	0.628	0.625	0.636	0.638	0.638	0.636	0.629	0.632	0.618	0.613	0.611	0.609	0.608	1.0%
Petroleum Subtotal	4.240	4.248	4.318	4.550	4.569	4.554	4.550	4.548	4.555	4.597	4.625	4.681	4.714	4.754	4.769	4.782	4.786	4.799	4.817	4.816	4.822	4.833	4.838	4.843	0.6%
Natural Gas	2.582	2.407	2.586	2.639	2.707	2.799	2.875	3.008	3.166	3.238	3.361	3.411	3.444	3.545	3.620	3.691	3.741	3.863	3.964	4.007	4.086	4.112	4.135	4.123	2.1%
Metallurgical Coal	0.293	0.284	0.293	0.288	0.282	0.277	0.271	0.266	0.261	0.257	0.252	0.248	0.243	0.239	0.235	0.231	0.226	0.222	0.219	0.215	0.211	0.207	0.203	0.200	-1.6%
Steam Coal	1.552	1.425	1.488	1.509	1.514	1.507	1.491	1.481	1.454	1.478	1.466	1.506	1.504	1.494	1.539	1.533	1.536	1.528	1.561	1.565	1.588	1.617	1.598	1.617	0.2%
Net Coal Coke Imports	0.001	0.004	0.004	0.004	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	11.3%
Coal Subtotal	1.845	1.714	1.785	1.801	1.802	1.789	1.769	1.753	1.722	1.742	1.726	1.761	1.755	1.741	1.782	1.773	1.772	1.760	1.790	1.789	1.809	1.834	1.812	1.827	-0.0%
Nuclear Power	1.222	1.276	1.314	1.275	1.279	1.283	1.272	1.199	1.146	1.049	0.945	0.942	0.926	0.860	0.779	0.777	0.761	0.641	0.562	0.532	0.473	0.407	0.406	0.405	-4.7%
Renewable Energy 18/	0.667	0.631	0.613	0.639	0.641	0.643	0.646	0.649	0.652	0.656	0.659	0.662	0.664	0.667	0.669	0.671	0.673	0.675	0.676	0.678	0.679	0.679	0.680	0.681	0.1%
M85 12/	0.000	0.001	0.001	0.003	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	21.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	0.146	0.171	0.146	0.149	0.188	0.211	0.209	0.204	0.191	0.205	0.202	0.179	0.189	0.170	0.156	0.148	0.135	0.132	0.135	0.141	0.138	0.133	0.138	0.138	-0.2%
Total	10.703	10.447	10.763	11.054	11.190	11.283	11.326	11.367	11.439	11.494	11.526	11.645	11.702	11.747	11.787	11.853	11.880	11.880	11.957	11.976	12.020	12.011	12.022	12.030	0.5%
Energy Use & Related Statistics																									
Delivered Energy Use	8.255	8.159	8.417	8.618	8.687	8.754	8.803	8.854	8.914	8.982	9.048	9.123	9.172	9.232	9.272	9.321	9.346	9.385	9.422	9.439	9.449	9.472	9.493	9.511	0.6%
Total Energy Use	10.703	10.447	10.763	11.054	11.190	11.283	11.326	11.367	11.439	11.494	11.526	11.645	11.702	11.747	11.787	11.853	11.880	11.880	11.957	11.976	12.020	12.011	12.022	12.030	0.5%
Population (millions)	38.254	38.307	38.358	38.402	38.456	38.511	38.577	38.647	38.717	38.782	38.846	38.908	38.966	39.026	39.087	39.150	39.214	39.276	39.337	39.395	39.454	39.511	39.566	39.615	0.2%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 2. Energy Consumption by Sector and Source (02 - Middle Atlantic) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 03 - East North Central																							1997- 2020			
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Energy Consumption																										
Residential																										
Distillate Fuel	0.103	0.095	0.097	0.094	0.091	0.089	0.086	0.083	0.080	0.078	0.076	0.074	0.072	0.071	0.070	0.069	0.068	0.066	0.066	0.065	0.063	0.062	0.061	0.060	-2.3%	
Kerosene	0.010	0.010	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	-1.1%
Liquefied Petroleum Gas	0.098	0.096	0.099	0.102	0.104	0.105	0.106	0.107	0.106	0.105	0.105	0.105	0.105	0.105	0.104	0.103	0.101	0.100	0.100	0.099	0.097	0.096	0.095	0.094	-0.2%	
Petroleum Subtotal	0.211	0.201	0.204	0.205	0.204	0.202	0.200	0.198	0.194	0.191	0.188	0.188	0.185	0.184	0.182	0.180	0.177	0.175	0.173	0.171	0.168	0.166	0.164	0.162	-1.1%	
Natural Gas	1.580	1.459	1.592	1.588	1.576	1.570	1.565	1.568	1.559	1.554	1.553	1.557	1.552	1.550	1.553	1.563	1.561	1.565	1.566	1.569	1.566	1.566	1.568	1.573	-0.0%	
Coal	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	-0.6%	
Renewable Energy 1/ Electricity	0.071	0.061	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.070	0.070	0.070	0.070	0.070	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.072	0.1%
Delivered Energy	0.540	0.557	0.574	0.589	0.602	0.606	0.608	0.612	0.613	0.616	0.620	0.625	0.627	0.631	0.640	0.652	0.657	0.666	0.673	0.684	0.690	0.698	0.706	0.717	1.2%	
Electricity Related Losses	2.415	2.291	2.451	2.463	2.462	2.460	2.454	2.459	2.447	2.442	2.441	2.450	2.444	2.446	2.456	2.475	2.477	2.487	2.493	2.506	2.505	2.511	2.520	2.534	0.2%	
Total	1.153	1.235	1.254	1.256	1.307	1.312	1.300	1.295	1.300	1.303	1.326	1.315	1.329	1.344	1.360	1.374	1.387	1.405	1.404	1.433	1.435	1.465	1.491	1.513	1.2%	
Total	3.567	3.526	3.705	3.719	3.769	3.772	3.754	3.754	3.747	3.745	3.767	3.766	3.774	3.789	3.816	3.850	3.864	3.892	3.897	3.939	3.940	3.976	4.011	4.048	0.6%	
Commercial																										
Distillate Fuel	0.049	0.037	0.037	0.040	0.041	0.040	0.040	0.039	0.038	0.038	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	-1.6%	
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.5%	
Kerosene	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.3%
Liquefied Petroleum Gas	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.019	0.4%
Motor Gasoline 2/ Petroleum Subtotal	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-0.3%
Natural Gas	0.824	0.787	0.863	0.863	0.864	0.867	0.870	0.874	0.876	0.878	0.882	0.885	0.889	0.892	0.895	0.897	0.898	0.899	0.897	0.895	0.893	0.890	0.886	0.882	0.3%	
Coal	0.021	0.022	0.021	0.022	0.022	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.6%
Renewable Energy 3/ Electricity	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.1%
Delivered Energy	0.547	0.564	0.575	0.583	0.591	0.598	0.603	0.608	0.614	0.619	0.624	0.630	0.636	0.642	0.648	0.657	0.662	0.668	0.672	0.677	0.680	0.682	0.684	0.684	1.0%	
Electricity Related Losses	1.470	1.439	1.527	1.538	1.548	1.558	1.566	1.574	1.582	1.589	1.598	1.607	1.617	1.626	1.635	1.646	1.652	1.659	1.661	1.663	1.663	1.662	1.660	1.656	0.5%	
Total	1.166	1.249	1.256	1.244	1.283	1.294	1.290	1.288	1.302	1.308	1.336	1.327	1.348	1.366	1.377	1.385	1.397	1.409	1.403	1.419	1.415	1.432	1.443	1.445	0.9%	
Total	2.637	2.689	2.783	2.781	2.831	2.853	2.855	2.862	2.884	2.897	2.934	2.934	2.965	2.992	3.012	3.032	3.049	3.068	3.065	3.082	3.078	3.093	3.103	3.101	0.7%	
Industrial 4/																										
Distillate Fuel	0.173	0.169	0.172	0.174	0.177	0.180	0.184	0.188	0.193	0.196	0.198	0.201	0.203	0.205	0.207	0.209	0.211	0.213	0.216	0.218	0.219	0.222	0.224	0.226	1.2%	
Liquefied Petroleum Gas	0.151	0.146	0.148	0.146	0.148	0.150	0.151	0.152	0.155	0.157	0.159	0.160	0.162	0.164	0.165	0.167	0.168	0.170	0.173	0.175	0.177	0.179	0.181	0.183	0.8%	
Petrochemical Feedstocks	0.195	0.192	0.194	0.195	0.196	0.194	0.191	0.189	0.188	0.191	0.193	0.195	0.197	0.199	0.200	0.202	0.204	0.207	0.209	0.212	0.214	0.217	0.219	0.222	0.6%	
Residual Fuel	0.021	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.011	-2.6%	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.032	0.031	0.032	0.032	0.033	0.033	0.034	0.035	0.036	0.037	0.037	0.038	0.038	0.039	0.039	0.040	0.040	0.041	0.041	0.042	0.042	0.043	0.043	0.044	1.4%	
Natural Gas 6/ Metallurgical Coal	0.656	0.653	0.658	0.719	0.724	0.734	0.736	0.746	0.756	0.761	0.765	0.771	0.776	0.781	0.779	0.780	0.779	0.781	0.788	0.789	0.790	0.793	0.795	0.799	0.9%	
Steam Coal	1.226	1.201	1.213	1.277	1.289	1.303	1.307	1.321	1.339	1.352	1.363	1.376	1.386	1.398	1.402	1.409	1.413	1.424	1.440	1.447	1.454	1.465	1.474	1.486	0.8%	
Net Coal Coke Imports	1.431	1.468	1.498	1.585	1.595	1.597	1.603	1.604	1.616	1.633	1.649	1.656	1.670	1.679	1.683	1.693	1.701	1.714	1.730	1.738	1.751	1.762	1.774	1.782	1.0%	
Coal Subtotal	0.295	0.286	0.295	0.290	0.285	0.279	0.274	0.268	0.263	0.259	0.253	0.248	0.242	0.237	0.232	0.228	0.224	0.220	0.216	0.213	0.209	0.206	0.203	0.200	-1.7%	
Renewable Energy 7/ Electricity	0.366	0.362	0.370	0.367	0.371	0.372	0.374	0.373	0.376	0.381	0.382	0.382	0.382	0.382	0.381	0.382	0.383	0.385	0.388	0.391	0.394	0.397	0.398	0.400	0.4%	
Delivered Energy	0.010	0.058	0.051	0.062	0.071	0.077	0.084	0.090	0.097	0.103	0.108	0.110	0.112	0.113	0.115	0.119	0.123	0.127	0.132	0.135	0.139	0.142	0.145	0.147	12.2%	
Total	0.672	0.707	0.716	0.719	0.727	0.729	0.732	0.731	0.736	0.743	0.743	0.740	0.736	0.732	0.729	0.728	0.729	0.732	0.736	0.738	0.743	0.744	0.746	0.747	0.5%	
Electricity Related Losses	0.345	0.356	0.359	0.368	0.377	0.384	0.389	0.396	0.405	0.413	0.422	0.429	0.437	0.444	0.450	0.456	0.461	0.468	0.476	0.482	0.488	0.494	0.499	0.503	1.7%	
Total	0.757	0.768	0.766	0.766	0.778	0.786	0.791	0.798	0.811	0.824	0.831	0.838	0.846	0.853	0.857	0.866	0.872	0.882	0.894	0.900	0.909	0.917	0.923	0.928	0.9%	
Delivered Energy	4.431	4.499	4.553	4.715	4.765	4.798	4.822	4.849	4.905	4.965	5.008	5.039	5.076	5.106	5.120	5.152	5.177	5.220	5.277	5.305	5.345	5.382	5.416	5.446	0.9%	
Electricity Related Losses	1.614	1.701	1.672	1.635	1.690	1.700	1.692	1.689	1.718	1.741	1.779	1.765	1.793	1.814	1.820	1.827	1.840	1.860	1.866	1.887	1.892	1.926	1.949	1.960	0.8%	
Total	6.045	6.200	6.224	6.350	6.455	6.497	6.513	6.538	6.623	6.706	6.787	6.804	6.869	6.921	6.939	6.979	7.017	7.081	7.143	7.192	7.237	7.308	7.365	7.406	0.9%	

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 03 - East North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Transportation																									
Distillate Fuel 8/	0.731	0.784	0.794	0.803	0.816	0.824	0.831	0.837	0.847	0.855	0.863	0.868	0.874	0.879	0.881	0.884	0.885	0.890	0.896	0.897	0.899	0.901	0.903	0.903	0.9%
Jet Fuel 9/	0.298	0.296	0.304	0.342	0.347	0.356	0.363	0.372	0.381	0.392	0.402	0.414	0.424	0.433	0.440	0.448	0.453	0.461	0.468	0.476	0.482	0.489	0.495	0.500	2.3%
Motor Gasoline 2/	2.457	2.511	2.546	2.605	2.643	2.674	2.705	2.730	2.759	2.787	2.813	2.834	2.852	2.872	2.876	2.877	2.879	2.882	2.885	2.885	2.890	2.891	2.892	2.893	0.7%
Residual Fuel	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	1.7%
Liquefied Petroleum Gas	0.007	0.008	0.009	0.010	0.012	0.013	0.015	0.018	0.020	0.022	0.024	0.026	0.027	0.028	0.029	0.029	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	6.7%
Other Petroleum 10/	0.043	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.047	0.047	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.047	0.047	0.4%
Petroleum Subtotal	3.539	3.645	3.699	3.807	3.865	3.915	3.962	4.004	4.056	4.106	4.151	4.191	4.227	4.262	4.276	4.288	4.298	4.315	4.332	4.341	4.354	4.365	4.374	4.380	0.9%
Pipeline Fuel Natural Gas	0.079	0.074	0.074	0.076	0.078	0.080	0.082	0.083	0.084	0.085	0.086	0.088	0.088	0.089	0.090	0.091	0.092	0.094	0.095	0.097	0.099	0.100	0.101	0.102	1.1%
Compressed Natural Gas	0.002	0.004	0.006	0.010	0.014	0.018	0.022	0.025	0.028	0.031	0.033	0.035	0.037	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.047	0.048	14.3%
Renewables (E85) 11/	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.005	0.005	0.006	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.011	23.3%
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.015	0.015	0.015	0.016	0.016	21.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.010	0.010	0.010	0.010	0.010	0.010	0.013	0.015	0.016	0.018	0.019	0.021	0.022	0.023	0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.031	0.032	0.032	5.4%
Delivered Energy	3.631	3.734	3.793	3.907	3.973	4.031	4.088	4.138	4.197	4.254	4.306	4.351	4.392	4.433	4.451	4.468	4.482	4.503	4.524	4.538	4.554	4.568	4.580	4.589	1.0%
Electricity Related Losses	0.021	0.022	0.022	0.021	0.022	0.022	0.027	0.031	0.035	0.038	0.042	0.044	0.047	0.050	0.052	0.054	0.055	0.057	0.059	0.061	0.062	0.065	0.067	0.068	5.4%
Total	3.651	3.756	3.814	3.929	3.996	4.053	4.115	4.169	4.232	4.292	4.347	4.394	4.439	4.483	4.503	4.521	4.537	4.560	4.583	4.599	4.616	4.633	4.647	4.657	1.1%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	1.055	1.084	1.100	1.112	1.125	1.133	1.140	1.148	1.158	1.167	1.174	1.180	1.186	1.193	1.195	1.198	1.200	1.206	1.214	1.216	1.217	1.220	1.223	1.224	0.6%
Kerosene	0.017	0.018	0.015	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.015	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-0.6%
Jet Fuel 9/	0.298	0.296	0.304	0.342	0.347	0.356	0.363	0.372	0.381	0.392	0.402	0.414	0.424	0.433	0.440	0.448	0.453	0.461	0.468	0.476	0.482	0.489	0.495	0.500	2.3%
Liquefied Petroleum Gas	0.274	0.268	0.273	0.277	0.282	0.287	0.291	0.295	0.299	0.303	0.306	0.310	0.313	0.316	0.317	0.319	0.320	0.321	0.324	0.325	0.325	0.327	0.328	0.330	0.8%
Motor Gasoline 2/	2.496	2.549	2.585	2.644	2.682	2.714	2.746	2.771	2.802	2.830	2.857	2.878	2.897	2.918	2.922	2.923	2.926	2.929	2.933	2.934	2.938	2.940	2.942	2.943	0.7%
Petrochemical Feedstocks	0.195	0.192	0.194	0.195	0.196	0.194	0.191	0.189	0.188	0.191	0.193	0.195	0.197	0.199	0.200	0.202	0.204	0.207	0.209	0.212	0.214	0.217	0.219	0.222	0.6%
Residual Fuel	0.024	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.016	0.015	0.016	0.016	0.016	0.016	-1.7%
Other Petroleum 13/	0.694	0.693	0.698	0.759	0.764	0.775	0.776	0.786	0.797	0.802	0.807	0.813	0.818	0.823	0.821	0.823	0.822	0.824	0.831	0.831	0.832	0.836	0.837	0.841	0.8%
Petroleum Subtotal	5.054	5.112	5.182	5.358	5.427	5.488	5.537	5.591	5.655	5.714	5.769	5.820	5.865	5.911	5.926	5.943	5.955	5.979	6.010	6.024	6.040	6.060	6.075	6.090	0.8%
Natural Gas 6/	3.917	3.791	4.034	4.121	4.127	4.132	4.142	4.153	4.162	4.182	4.203	4.221	4.236	4.249	4.260	4.285	4.295	4.316	4.333	4.345	4.354	4.364	4.376	4.386	0.5%
Metallurgical Coal	0.295	0.286	0.295	0.290	0.285	0.279	0.274	0.268	0.263	0.259	0.253	0.248	0.242	0.237	0.232	0.228	0.224	0.220	0.216	0.213	0.209	0.206	0.203	0.200	-1.7%
Steam Coal	0.399	0.396	0.403	0.401	0.404	0.406	0.408	0.407	0.410	0.414	0.416	0.416	0.416	0.416	0.415	0.416	0.417	0.419	0.422	0.425	0.428	0.431	0.432	0.434	0.4%
Net Coal Coke Imports	0.010	0.058	0.051	0.062	0.071	0.077	0.084	0.090	0.097	0.103	0.108	0.110	0.112	0.113	0.115	0.119	0.123	0.127	0.132	0.135	0.139	0.142	0.145	0.147	12.2%
Coal Subtotal	0.704	0.741	0.750	0.753	0.760	0.763	0.766	0.765	0.770	0.776	0.777	0.774	0.770	0.766	0.763	0.762	0.763	0.766	0.770	0.773	0.777	0.778	0.780	0.781	0.4%
Renewable Energy 14/	0.419	0.420	0.431	0.440	0.450	0.458	0.464	0.472	0.481	0.491	0.500	0.508	0.517	0.524	0.531	0.538	0.544	0.551	0.560	0.566	0.572	0.578	0.584	0.589	1.5%
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.015	0.015	0.015	0.016	0.016	21.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	1.853	1.899	1.925	1.948	1.980	2.001	2.014	2.032	2.055	2.077	2.095	2.114	2.131	2.149	2.170	2.200	2.218	2.243	2.268	2.290	2.309	2.327	2.345	2.362	1.1%
Delivered Energy	11.947	11.964	12.324	12.623	12.748	12.847	12.929	13.020	13.131	13.249	13.353	13.447	13.530	13.611	13.662	13.741	13.788	13.869	13.955	14.012	14.067	14.124	14.175	14.224	0.8%
Electricity Related Losses	3.953	4.207	4.203	4.155	4.302	4.328	4.309	4.303	4.355	4.390	4.483	4.451	4.518	4.574	4.609	4.641	4.679	4.732	4.732	4.800	4.804	4.888	4.950	4.987	1.0%
Total	15.900	16.171	16.527	16.778	17.051	17.175	17.238	17.323	17.486	17.639	17.836	17.898	18.047	18.185	18.270	18.381	18.467	18.600	18.687	18.812	18.871	19.011	19.126	19.211	0.8%

Table 3. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 03 - East North Central																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electric Generators 15/																										
Distillate Fuel	0.017	0.016	0.016	0.014	0.014	0.014	0.013	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-1.2%	
Residual Fuel	0.012	0.007	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-16.5%	
Petroleum Subtotal	0.029	0.023	0.018	0.015	0.015	0.014	0.013	0.013	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-3.4%	
Natural Gas	0.107	0.302	0.164	0.100	0.114	0.124	0.139	0.167	0.198	0.245	0.307	0.378	0.420	0.478	0.521	0.580	0.618	0.695	0.802	0.886	0.965	1.017	1.078	1.096	10.6%	
Steam Coal	4.335	4.428	4.571	4.589	4.736	4.786	4.830	4.813	4.841	4.870	4.926	4.988	5.039	5.056	5.095	5.099	5.117	5.163	5.213	5.238	5.270	5.312	5.334	5.367	0.9%	
Nuclear Power	1.202	1.188	1.214	1.226	1.234	1.243	1.180	1.188	1.199	1.177	1.148	0.984	0.984	0.985	0.959	0.955	0.955	0.914	0.779	0.764	0.670	0.670	0.670	0.670	-2.5%	
Renewable Energy 16/	0.087	0.115	0.114	0.118	0.119	0.121	0.122	0.123	0.124	0.126	0.127	0.129	0.130	0.132	0.134	0.136	0.138	0.141	0.143	0.146	0.148	0.151	0.154	0.156	2.6%	
Electricity Imports 17/	0.047	0.050	0.046	0.056	0.065	0.041	0.041	0.033	0.034	0.036	0.057	0.073	0.063	0.059	0.058	0.058	0.055	0.048	0.050	0.043	0.046	0.051	0.046	0.046	-0.1%	
Total	5.807	6.106	6.128	6.103	6.283	6.329	6.323	6.335	6.409	6.467	6.578	6.564	6.649	6.723	6.779	6.840	6.897	6.974	7.000	7.090	7.113	7.215	7.296	7.349	1.0%	
Total Energy Consumption																										
Distillate Fuel	1.072	1.100	1.116	1.126	1.140	1.147	1.153	1.160	1.170	1.179	1.187	1.193	1.199	1.205	1.208	1.211	1.213	1.219	1.226	1.228	1.230	1.233	1.236	1.237	0.6%	
Kerosene	0.017	0.018	0.015	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.015	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-0.6%
Jet Fuel 9/	0.298	0.296	0.304	0.342	0.347	0.356	0.363	0.372	0.381	0.392	0.402	0.414	0.424	0.433	0.440	0.448	0.453	0.461	0.468	0.476	0.482	0.489	0.495	0.500	2.3%	
Liquefied Petroleum Gas	0.274	0.268	0.273	0.277	0.282	0.287	0.291	0.295	0.299	0.303	0.306	0.310	0.313	0.316	0.317	0.319	0.320	0.321	0.324	0.325	0.325	0.327	0.328	0.330	0.8%	
Motor Gasoline 2/	2.496	2.549	2.585	2.644	2.682	2.714	2.746	2.771	2.802	2.830	2.857	2.878	2.897	2.918	2.922	2.923	2.926	2.929	2.933	2.934	2.938	2.940	2.942	2.943	0.7%	
Petrochemical Feedstocks	0.195	0.192	0.194	0.195	0.196	0.194	0.191	0.189	0.188	0.191	0.193	0.195	0.197	0.199	0.200	0.202	0.204	0.207	0.209	0.212	0.214	0.217	0.219	0.222	0.6%	
Residual Fuel	0.036	0.020	0.016	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	-3.4%	
Other Petroleum 13/	0.694	0.693	0.698	0.759	0.764	0.775	0.776	0.786	0.797	0.802	0.807	0.813	0.818	0.823	0.821	0.823	0.822	0.824	0.831	0.831	0.832	0.836	0.837	0.841	0.8%	
Petroleum Subtotal	5.082	5.135	5.200	5.372	5.441	5.502	5.550	5.604	5.668	5.727	5.782	5.834	5.877	5.924	5.939	5.956	5.968	5.992	6.023	6.037	6.053	6.073	6.088	6.103	0.8%	
Natural Gas	4.024	4.094	4.198	4.221	4.241	4.256	4.280	4.320	4.360	4.427	4.510	4.599	4.656	4.727	4.781	4.865	4.913	5.011	5.135	5.231	5.319	5.382	5.454	5.482	1.4%	
Metallurgical Coal	0.295	0.286	0.295	0.290	0.285	0.279	0.274	0.268	0.263	0.259	0.253	0.248	0.242	0.237	0.232	0.228	0.224	0.220	0.216	0.213	0.209	0.206	0.203	0.200	-1.7%	
Steam Coal	4.734	4.824	4.975	4.990	5.140	5.192	5.237	5.220	5.251	5.285	5.342	5.404	5.455	5.473	5.510	5.515	5.534	5.582	5.635	5.663	5.699	5.742	5.766	5.801	0.9%	
Net Coal Coke Imports	0.010	0.058	0.051	0.062	0.071	0.077	0.084	0.090	0.097	0.103	0.108	0.110	0.112	0.113	0.115	0.119	0.123	0.127	0.132	0.135	0.139	0.142	0.145	0.147	12.2%	
Coal Subtotal	5.039	5.168	5.322	5.342	5.496	5.549	5.595	5.578	5.611	5.647	5.703	5.762	5.809	5.823	5.857	5.861	5.881	5.929	5.983	6.011	6.047	6.090	6.114	6.148	0.9%	
Nuclear Power	1.202	1.188	1.214	1.226	1.234	1.243	1.180	1.188	1.199	1.177	1.148	0.984	0.984	0.985	0.959	0.955	0.955	0.914	0.779	0.764	0.670	0.670	0.670	0.670	-2.5%	
Renewable Energy 18/	0.506	0.535	0.545	0.559	0.570	0.578	0.586	0.594	0.605	0.616	0.627	0.637	0.647	0.656	0.665	0.674	0.682	0.692	0.703	0.712	0.721	0.729	0.738	0.745	1.7%	
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.015	0.015	0.015	0.016	0.016	21.1%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Electricity Imports 17/	0.047	0.050	0.046	0.056	0.065	0.041	0.041	0.033	0.034	0.036	0.057	0.073	0.063	0.059	0.058	0.058	0.055	0.048	0.050	0.043	0.046	0.051	0.046	0.046	-0.1%	
Total	15.900	16.171	16.527	16.778	17.051	17.175	17.238	17.323	17.486	17.639	17.836	17.898	18.047	18.185	18.270	18.381	18.467	18.600	18.687	18.812	18.871	19.011	19.126	19.211	0.8%	
Energy Use & Related Statistics																										
Delivered Energy Use	11.947	11.964	12.324	12.623	12.748	12.847	12.929	13.020	13.131	13.249	13.353	13.447	13.530	13.611	13.662	13.741	13.788	13.869	13.955	14.012	14.067	14.124	14.175	14.224	0.8%	
Total Energy Use	15.900	16.171	16.527	16.778	17.051	17.175	17.238	17.323	17.486	17.639	17.836	17.898	18.047	18.185	18.270	18.381	18.467	18.600	18.687	18.812	18.871	19.011	19.126	19.211	0.8%	
Population (millions)	43.959	44.150	44.334	44.497	44.649	44.802	44.945	45.087	45.237	45.397	45.550	45.687	45.820	45.957	46.099	46.236	46.370	46.502	46.636	46.764	46.882	46.984	47.073	47.157	0.3%	
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%	
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%	

Table 3. Energy Consumption by Sector and Source (03 - East North Central) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 04 - West North Central																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Energy Consumption																									
Residential																									
Distillate Fuel	0.040	0.037	0.038	0.036	0.035	0.034	0.032	0.031	0.030	0.029	0.028	0.027	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.024	0.023	0.023	0.023	0.022	-2.5%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.4%
Liquefied Petroleum Gas	0.069	0.068	0.070	0.069	0.067	0.065	0.063	0.062	0.059	0.057	0.056	0.055	0.054	0.052	0.052	0.051	0.050	0.049	0.049	0.048	0.047	0.047	0.046	0.045	-1.8%
Petroleum Subtotal	0.110	0.106	0.108	0.106	0.103	0.100	0.096	0.094	0.090	0.087	0.085	0.083	0.081	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	-2.0%
Natural Gas	0.491	0.454	0.495	0.497	0.496	0.498	0.500	0.504	0.505	0.507	0.509	0.514	0.515	0.518	0.521	0.526	0.527	0.530	0.531	0.534	0.533	0.534	0.535	0.537	0.4%
Coal	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	-1.2%
Renewable Energy 1/ Electricity	0.064	0.058	0.062	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.064	0.064	0.064	0.064	0.064	0.065	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.066	0.2%
Delivered Energy	0.943	0.904	0.961	0.969	0.973	0.975	0.979	0.978	0.980	0.983	0.990	0.991	0.995	1.002	1.011	1.014	1.020	1.024	1.031	1.032	1.035	1.039	1.047	0.5%	
Electricity Related Losses	0.725	0.825	0.858	0.893	0.898	0.897	0.899	0.895	0.884	0.887	0.890	0.895	0.896	0.897	0.897	0.902	0.906	0.912	0.917	0.928	0.942	0.956	0.987	1.010	1.5%
Total	1.668	1.729	1.820	1.862	1.871	1.872	1.874	1.874	1.862	1.866	1.872	1.885	1.887	1.892	1.898	1.913	1.920	1.932	1.941	1.959	1.973	1.991	2.026	2.056	0.9%
Commercial																									
Distillate Fuel	0.025	0.018	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	-1.9%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.3%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.2%
Liquefied Petroleum Gas	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.4%
Motor Gasoline 2/ Petroleum Subtotal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.3%
Natural Gas	0.350	0.334	0.364	0.361	0.363	0.364	0.367	0.369	0.371	0.373	0.376	0.379	0.381	0.384	0.386	0.388	0.390	0.391	0.391	0.391	0.391	0.391	0.391	0.391	0.5%
Coal	0.011	0.012	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.6%
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.1%
Delivered Energy	0.234	0.242	0.247	0.251	0.254	0.258	0.260	0.263	0.266	0.269	0.272	0.275	0.278	0.281	0.285	0.289	0.292	0.296	0.298	0.300	0.302	0.303	0.305	0.306	1.2%
Electricity Related Losses	0.637	0.622	0.657	0.659	0.664	0.670	0.674	0.679	0.684	0.689	0.694	0.701	0.707	0.712	0.718	0.724	0.729	0.734	0.736	0.738	0.740	0.741	0.742	0.742	0.7%
Total	0.621	0.708	0.729	0.749	0.745	0.747	0.752	0.749	0.745	0.750	0.754	0.759	0.764	0.766	0.766	0.769	0.774	0.778	0.779	0.783	0.793	0.801	0.822	0.833	1.3%
Industrial 4/																									
Distillate Fuel	0.195	0.192	0.195	0.198	0.201	0.204	0.209	0.213	0.219	0.222	0.225	0.228	0.230	0.233	0.235	0.237	0.239	0.242	0.245	0.247	0.249	0.252	0.254	0.257	1.2%
Liquefied Petroleum Gas	0.107	0.103	0.104	0.104	0.106	0.107	0.108	0.109	0.110	0.112	0.113	0.115	0.116	0.117	0.118	0.119	0.120	0.122	0.124	0.125	0.126	0.128	0.129	0.131	0.9%
Petrochemical Feedstocks	0.022	0.021	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.6%
Residual Fuel	0.006	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-3.3%
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.038	0.037	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.044	0.045	0.046	0.046	0.047	0.047	0.048	0.048	0.049	0.050	0.050	0.051	0.051	0.052	1.4%
Natural Gas 6/ Metallurgical Coal	0.227	0.225	0.227	0.248	0.251	0.255	0.257	0.260	0.265	0.268	0.272	0.276	0.279	0.282	0.283	0.284	0.285	0.287	0.290	0.292	0.293	0.295	0.297	0.299	1.2%
Steam Coal	0.594	0.580	0.587	0.613	0.621	0.630	0.637	0.647	0.660	0.670	0.679	0.687	0.695	0.704	0.708	0.713	0.718	0.725	0.734	0.741	0.745	0.752	0.759	0.766	1.1%
Net Coal Coke Imports	0.539	0.544	0.556	0.586	0.592	0.595	0.601	0.607	0.620	0.636	0.650	0.663	0.679	0.695	0.706	0.721	0.735	0.751	0.772	0.786	0.802	0.817	0.834	0.851	2.0%
Coal Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Renewable Energy 7/ Electricity	0.243	0.241	0.246	0.244	0.246	0.248	0.248	0.248	0.250	0.253	0.254	0.254	0.254	0.254	0.254	0.254	0.255	0.256	0.258	0.260	0.262	0.264	0.265	0.266	0.4%
Delivered Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Related Losses	0.120	0.124	0.124	0.127	0.130	0.132	0.134	0.136	0.139	0.142	0.145	0.147	0.150	0.152	0.154	0.156	0.157	0.159	0.161	0.163	0.164	0.166	0.167	0.169	1.5%
Total	0.257	0.261	0.260	0.260	0.264	0.267	0.269	0.271	0.275	0.280	0.282	0.285	0.287	0.289	0.291	0.294	0.296	0.299	0.304	0.306	0.309	0.311	0.313	0.315	0.9%
Delivered Energy	1.754	1.749	1.772	1.830	1.853	1.872	1.889	1.909	1.944	1.980	2.010	2.036	2.065	2.094	2.112	2.138	2.160	2.191	2.229	2.255	2.283	2.310	2.338	2.368	1.3%
Electricity Related Losses	0.680	0.762	0.767	0.777	0.774	0.773	0.775	0.771	0.770	0.780	0.783	0.785	0.788	0.788	0.781	0.782	0.783	0.788	0.795	0.798	0.812	0.822	0.846	0.858	1.0%
Total	2.434	2.512	2.540	2.607	2.628	2.645	2.664	2.681	2.714	2.760	2.793	2.820	2.853	2.882	2.893	2.920	2.944	2.979	3.023	3.053	3.094	3.132	3.184	3.225	1.2%

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 04 - West North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Transportation																									
Distillate Fuel 8/	0.479	0.514	0.520	0.529	0.540	0.548	0.555	0.561	0.569	0.576	0.582	0.588	0.594	0.599	0.601	0.604	0.606	0.610	0.614	0.616	0.618	0.621	0.623	0.624	1.2%
Jet Fuel 9/	0.165	0.164	0.168	0.186	0.189	0.193	0.198	0.203	0.208	0.215	0.220	0.227	0.233	0.238	0.242	0.246	0.250	0.254	0.258	0.262	0.265	0.269	0.272	0.275	2.2%
Motor Gasoline 2/	1.173	1.198	1.215	1.248	1.271	1.291	1.310	1.326	1.344	1.360	1.376	1.390	1.403	1.416	1.421	1.423	1.426	1.430	1.433	1.435	1.439	1.443	1.446	1.449	0.9%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.9%
Liquefied Petroleum Gas	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	7.2%
Other Petroleum 10/	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.7%
Petroleum Subtotal	1.842	1.901	1.930	1.991	2.028	2.061	2.093	2.121	2.153	2.184	2.213	2.240	2.266	2.290	2.302	2.312	2.320	2.332	2.344	2.352	2.362	2.372	2.381	2.389	1.1%
Pipeline Fuel Natural Gas	0.093	0.092	0.095	0.099	0.103	0.106	0.110	0.113	0.117	0.120	0.121	0.123	0.124	0.127	0.129	0.133	0.136	0.141	0.147	0.151	0.155	0.159	0.163	0.166	2.6%
Compressed Natural Gas	0.001	0.002	0.003	0.004	0.006	0.008	0.009	0.011	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.020	0.021	0.022	0.022	0.023	0.023	0.023	0.024	14.5%
Renewables (E85) 11/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	23.6%
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	21.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	5.6%
Delivered Energy	1.940	2.000	2.033	2.100	2.144	2.183	2.222	2.256	2.295	2.331	2.365	2.395	2.425	2.454	2.469	2.485	2.498	2.516	2.536	2.549	2.564	2.579	2.593	2.605	1.3%
Electricity Related Losses	0.011	0.012	0.012	0.013	0.013	0.013	0.016	0.018	0.020	0.022	0.023	0.025	0.026	0.028	0.029	0.029	0.030	0.031	0.032	0.033	0.035	0.036	0.038	0.039	5.7%
Total	1.951	2.012	2.045	2.113	2.157	2.195	2.238	2.274	2.315	2.353	2.388	2.420	2.451	2.481	2.498	2.515	2.529	2.548	2.568	2.582	2.599	2.615	2.630	2.644	1.3%
Delivered Energy																									
Consumption All Sectors																									
Distillate Fuel	0.739	0.760	0.771	0.782	0.795	0.804	0.814	0.824	0.835	0.844	0.853	0.860	0.868	0.875	0.879	0.884	0.887	0.893	0.900	0.904	0.907	0.911	0.916	0.919	1.0%
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.3%
Jet Fuel 9/	0.165	0.164	0.168	0.186	0.189	0.193	0.198	0.203	0.208	0.215	0.220	0.227	0.233	0.238	0.242	0.246	0.250	0.254	0.258	0.262	0.265	0.269	0.272	0.275	2.2%
Liquefied Petroleum Gas	0.192	0.187	0.191	0.190	0.191	0.191	0.191	0.191	0.192	0.192	0.193	0.194	0.195	0.195	0.196	0.197	0.198	0.199	0.200	0.201	0.202	0.203	0.204	0.205	0.3%
Motor Gasoline 2/	1.213	1.238	1.255	1.288	1.312	1.332	1.353	1.370	1.389	1.406	1.423	1.437	1.451	1.465	1.470	1.473	1.476	1.480	1.484	1.487	1.492	1.495	1.499	1.503	0.9%
Petrochemical Feedstocks	0.022	0.021	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.6%
Residual Fuel	0.007	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	-2.6%
Other Petroleum 13/	0.248	0.246	0.248	0.270	0.273	0.277	0.279	0.282	0.287	0.291	0.295	0.299	0.303	0.306	0.308	0.308	0.309	0.311	0.315	0.317	0.318	0.320	0.322	0.324	1.2%
Petroleum Subtotal	2.587	2.622	2.660	2.745	2.787	2.826	2.862	2.897	2.938	2.975	3.011	3.045	3.077	3.107	3.123	3.137	3.148	3.167	3.187	3.200	3.213	3.229	3.243	3.257	1.0%
Natural Gas 6/	1.475	1.426	1.512	1.548	1.560	1.572	1.587	1.604	1.624	1.649	1.672	1.694	1.716	1.741	1.761	1.788	1.809	1.834	1.863	1.884	1.904	1.923	1.945	1.968	1.3%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.259	0.257	0.262	0.260	0.263	0.264	0.265	0.264	0.266	0.269	0.270	0.270	0.270	0.270	0.270	0.270	0.271	0.272	0.274	0.277	0.279	0.280	0.281	0.283	0.4%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.259	0.257	0.262	0.260	0.263	0.264	0.265	0.264	0.266	0.269	0.270	0.270	0.270	0.270	0.270	0.270	0.271	0.272	0.274	0.277	0.279	0.280	0.281	0.283	0.4%
Renewable Energy 14/	0.184	0.182	0.187	0.191	0.194	0.196	0.199	0.201	0.205	0.208	0.211	0.214	0.217	0.220	0.222	0.224	0.226	0.229	0.231	0.233	0.234	0.236	0.238	0.240	1.2%
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	21.4%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.769	0.789	0.801	0.814	0.829	0.839	0.846	0.854	0.864	0.875	0.883	0.893	0.902	0.911	0.921	0.934	0.942	0.953	0.964	0.974	0.981	0.990	0.998	1.007	1.2%
Delivered Energy	5.274	5.275	5.423	5.559	5.634	5.699	5.761	5.824	5.901	5.980	6.052	6.121	6.187	6.254	6.301	6.358	6.402	6.461	6.525	6.573	6.618	6.665	6.712	6.761	1.1%
Electricity Related Losses	2.037	2.307	2.367	2.432	2.430	2.431	2.441	2.433	2.419	2.438	2.450	2.463	2.475	2.479	2.472	2.482	2.493	2.509	2.522	2.541	2.582	2.614	2.693	2.739	1.3%
Total	7.311	7.583	7.790	7.990	8.065	8.130	8.202	8.258	8.320	8.418	8.502	8.584	8.661	8.733	8.773	8.841	8.895	8.970	9.048	9.115	9.200	9.280	9.405	9.500	1.1%

Table 4. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 04 - West North Central																							1997- 2020			
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Electric Generators 15/																										
Distillate Fuel	0.008	0.010	0.010	0.011	0.010	0.008	0.006	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-2.5%	
Residual Fuel	0.006	0.012	0.012	0.006	0.005	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-19.9%	
Petroleum Subtotal	0.014	0.022	0.022	0.017	0.014	0.011	0.007	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-4.7%	
Natural Gas	0.048	0.064	0.051	0.049	0.054	0.057	0.058	0.069	0.102	0.115	0.128	0.140	0.151	0.165	0.186	0.200	0.208	0.222	0.229	0.231	0.238	0.243	0.245	0.254	7.5%	
Steam Coal	2.086	2.309	2.395	2.478	2.486	2.496	2.522	2.600	2.637	2.652	2.658	2.666	2.672	2.675	2.686	2.692	2.698	2.706	2.717	2.738	2.771	2.800	2.876	2.915	1.5%	
Nuclear Power	0.405	0.423	0.433	0.434	0.434	0.433	0.427	0.339	0.309	0.308	0.307	0.308	0.308	0.301	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	-1.8%	
Renewable Energy 16/	0.200	0.219	0.211	0.222	0.224	0.226	0.228	0.229	0.230	0.232	0.235	0.237	0.239	0.242	0.247	0.251	0.256	0.262	0.268	0.274	0.282	0.289	0.297	0.304	1.8%	
Electricity Imports 17/	0.052	0.059	0.055	0.047	0.047	0.045	0.045	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-23.4%	
Total	2.806	3.096	3.168	3.246	3.259	3.269	3.287	3.288	3.284	3.313	3.333	3.356	3.376	3.389	3.393	3.416	3.435	3.463	3.486	3.515	3.563	3.604	3.690	3.746	1.3%	
Total Energy Consumption																										
Distillate Fuel	0.747	0.770	0.782	0.793	0.804	0.813	0.820	0.828	0.840	0.849	0.858	0.865	0.873	0.881	0.885	0.889	0.892	0.898	0.905	0.909	0.912	0.916	0.921	0.924	0.9%	
Kerosene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.3%
Jet Fuel 9/	0.165	0.164	0.168	0.186	0.189	0.193	0.198	0.203	0.208	0.215	0.220	0.227	0.233	0.238	0.242	0.246	0.250	0.254	0.258	0.262	0.265	0.269	0.272	0.275	2.2%	
Liquefied Petroleum Gas	0.192	0.187	0.191	0.190	0.191	0.191	0.191	0.192	0.192	0.192	0.193	0.194	0.195	0.195	0.196	0.197	0.198	0.199	0.200	0.201	0.202	0.203	0.204	0.205	0.3%	
Motor Gasoline 2/	1.213	1.238	1.255	1.288	1.312	1.332	1.353	1.370	1.389	1.406	1.423	1.437	1.451	1.465	1.470	1.473	1.476	1.480	1.484	1.487	1.492	1.495	1.499	1.503	0.9%	
Petrochemical Feedstocks	0.022	0.021	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.6%	
Residual Fuel	0.012	0.015	0.015	0.009	0.008	0.006	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	-5.1%	
Other Petroleum 13/	0.248	0.246	0.248	0.270	0.273	0.277	0.279	0.282	0.287	0.291	0.295	0.299	0.303	0.306	0.308	0.308	0.309	0.311	0.315	0.317	0.318	0.320	0.322	0.324	1.2%	
Petroleum Subtotal	2.601	2.644	2.682	2.761	2.801	2.837	2.869	2.902	2.943	2.980	3.016	3.051	3.082	3.113	3.128	3.142	3.153	3.171	3.192	3.205	3.218	3.234	3.248	3.262	1.0%	
Natural Gas	1.523	1.490	1.564	1.596	1.614	1.629	1.645	1.673	1.727	1.764	1.800	1.834	1.867	1.907	1.947	1.988	2.017	2.056	2.092	2.114	2.142	2.167	2.190	2.222	1.7%	
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Steam Coal	2.345	2.566	2.657	2.738	2.748	2.760	2.786	2.865	2.904	2.921	2.928	2.936	2.942	2.946	2.956	2.962	2.969	2.979	2.991	3.014	3.050	3.080	3.157	3.198	1.4%	
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Coal Subtotal	2.345	2.566	2.657	2.738	2.748	2.760	2.786	2.865	2.904	2.921	2.928	2.936	2.942	2.946	2.956	2.962	2.969	2.979	2.991	3.014	3.050	3.080	3.157	3.198	1.4%	
Nuclear Power	0.405	0.423	0.433	0.434	0.434	0.433	0.427	0.339	0.309	0.308	0.307	0.308	0.308	0.301	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	0.267	-1.8%	
Renewable Energy 18/	0.384	0.401	0.398	0.412	0.418	0.423	0.427	0.430	0.435	0.440	0.446	0.451	0.456	0.461	0.469	0.476	0.482	0.491	0.499	0.507	0.516	0.525	0.535	0.544	1.5%	
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	21.4%	
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Electricity Imports 17/	0.052	0.059	0.055	0.047	0.047	0.045	0.045	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-23.4%	
Total	7.311	7.583	7.790	7.990	8.065	8.130	8.202	8.258	8.320	8.418	8.502	8.584	8.661	8.733	8.773	8.841	8.895	8.970	9.048	9.115	9.200	9.280	9.405	9.500	1.1%	
Energy Use & Related Statistics																										
Delivered Energy Use	5.274	5.275	5.423	5.559	5.634	5.699	5.761	5.824	5.901	5.980	6.052	6.121	6.187	6.254	6.301	6.358	6.402	6.461	6.525	6.573	6.618	6.665	6.712	6.761	1.1%	
Total Energy Use	7.311	7.583	7.790	7.990	8.065	8.130	8.202	8.258	8.320	8.418	8.502	8.584	8.661	8.733	8.773	8.841	8.895	8.970	9.048	9.115	9.200	9.280	9.405	9.500	1.1%	
Population (millions)	18.604	18.725	18.842	18.949	19.060	19.171	19.287	19.395	19.496	19.600	19.711	19.824	19.936	20.042	20.143	20.232	20.315	20.398	20.480	20.561	20.641	20.720	20.798	20.874	0.5%	
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%	
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%	

Table 4. Energy Consumption by Sector and Source (04 - West North Central) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 05 - South Atlantic																							1997- 2020			
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Energy Consumption																										
Residential																										
Distillate Fuel	0.102	0.094	0.096	0.093	0.090	0.088	0.085	0.083	0.081	0.079	0.077	0.076	0.075	0.074	0.072	0.071	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	-2.1%	
Kerosene	0.035	0.036	0.028	0.029	0.029	0.029	0.029	0.030	0.030	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.032	0.031	0.031	0.031	0.032	0.032	-0.4%
Liquefied Petroleum Gas	0.084	0.082	0.084	0.085	0.085	0.086	0.086	0.086	0.086	0.085	0.085	0.086	0.086	0.086	0.086	0.086	0.086	0.085	0.085	0.084	0.084	0.083	0.083	0.083	0.082	-0.1%
Petroleum Subtotal	0.221	0.212	0.209	0.207	0.205	0.203	0.201	0.199	0.196	0.194	0.193	0.193	0.191	0.191	0.189	0.188	0.186	0.185	0.184	0.182	0.180	0.178	0.177	0.176	-1.0%	
Natural Gas	0.414	0.382	0.417	0.430	0.441	0.454	0.468	0.484	0.499	0.516	0.535	0.555	0.573	0.592	0.606	0.623	0.635	0.648	0.658	0.669	0.678	0.688	0.699	0.712	2.4%	
Coal	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.2%
Renewable Energy 1/ Electricity	0.099	0.094	0.100	0.101	0.101	0.102	0.103	0.104	0.104	0.105	0.105	0.106	0.107	0.107	0.108	0.109	0.109	0.110	0.110	0.111	0.112	0.112	0.113	0.114	0.6%	
Delivered Energy	1.598	1.579	1.645	1.687	1.723	1.755	1.783	1.816	1.844	1.878	1.914	1.959	1.993	2.033	2.072	2.111	2.138	2.170	2.199	2.235	2.259	2.289	2.321	2.360	1.7%	
Electricity Related Losses	1.729	1.715	1.783	1.818	1.851	1.863	1.845	1.809	1.741	1.746	1.720	1.777	1.763	1.723	1.748	1.710	1.696	1.644	1.604	1.603	1.597	1.609	1.612	1.645	-0.2%	
Total	3.327	3.294	3.428	3.505	3.574	3.618	3.628	3.625	3.586	3.624	3.634	3.736	3.756	3.756	3.820	3.821	3.834	3.814	3.803	3.839	3.855	3.898	3.933	4.005	0.8%	
Commercial																										
Distillate Fuel	0.090	0.067	0.068	0.070	0.070	0.071	0.070	0.069	0.069	0.068	0.067	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.067	0.067	0.067	0.066	0.066	0.066	-1.4%	
Residual Fuel	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.6%	
Kerosene	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.4%	
Liquefied Petroleum Gas	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.019	0.019	0.019	1.0%	
Motor Gasoline 2/ Petroleum Subtotal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	-0.3%	
Natural Gas	0.342	0.327	0.359	0.363	0.368	0.373	0.378	0.385	0.390	0.396	0.402	0.408	0.415	0.422	0.428	0.435	0.441	0.446	0.450	0.454	0.458	0.461	0.465	0.468	1.4%	
Coal	0.016	0.017	0.016	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022	0.022	1.4%	
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.6%	
Delivered Energy	1.249	1.236	1.283	1.310	1.333	1.355	1.375	1.394	1.415	1.436	1.458	1.483	1.507	1.531	1.559	1.583	1.605	1.627	1.646	1.664	1.680	1.695	1.710	1.723	1.4%	
Electricity Related Losses	1.553	1.540	1.586	1.604	1.618	1.628	1.613	1.576	1.522	1.527	1.503	1.547	1.538	1.501	1.521	1.484	1.473	1.426	1.388	1.377	1.370	1.373	1.366	1.380	-0.5%	
Total	2.802	2.776	2.869	2.913	2.951	2.983	2.988	2.970	2.936	2.963	2.961	3.030	3.045	3.032	3.080	3.066	3.079	3.053	3.034	3.041	3.049	3.068	3.076	3.103	0.4%	
Industrial 4/																										
Distillate Fuel	0.156	0.153	0.156	0.159	0.161	0.164	0.167	0.171	0.174	0.176	0.179	0.181	0.183	0.186	0.188	0.190	0.191	0.193	0.196	0.197	0.198	0.200	0.202	0.204	1.2%	
Liquefied Petroleum Gas	0.060	0.059	0.060	0.061	0.062	0.063	0.063	0.064	0.065	0.066	0.067	0.068	0.069	0.069	0.070	0.071	0.071	0.072	0.073	0.074	0.074	0.075	0.075	0.076	1.0%	
Petrochemical Feedstocks	0.182	0.179	0.182	0.184	0.186	0.185	0.183	0.181	0.181	0.183	0.186	0.188	0.190	0.192	0.193	0.196	0.197	0.199	0.201	0.203	0.205	0.207	0.208	0.210	0.6%	
Residual Fuel	0.102	0.111	0.110	0.118	0.118	0.119	0.121	0.127	0.129	0.128	0.127	0.130	0.130	0.132	0.134	0.137	0.137	0.139	0.143	0.141	0.143	0.144	0.146	0.147	1.6%	
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.026	0.026	0.026	0.027	0.027	0.028	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.037	0.037	1.5%	
Natural Gas 6/ Metallurgical Coal	0.436	0.432	0.440	0.464	0.468	0.478	0.484	0.497	0.506	0.510	0.514	0.521	0.525	0.534	0.540	0.549	0.552	0.559	0.568	0.570	0.577	0.583	0.589	0.595	1.4%	
Steam Coal	0.962	0.960	0.974	1.012	1.022	1.038	1.047	1.070	1.085	1.094	1.103	1.120	1.129	1.146	1.158	1.176	1.183	1.197	1.216	1.220	1.233	1.245	1.258	1.268	1.2%	
Net Coal Coke Imports	0.735	0.734	0.756	0.765	0.776	0.782	0.784	0.783	0.788	0.796	0.804	0.809	0.817	0.823	0.830	0.838	0.847	0.857	0.866	0.871	0.877	0.884	0.888	0.895	0.9%	
Coal Subtotal	0.066	0.064	0.066	0.065	0.063	0.062	0.061	0.059	0.058	0.057	0.055	0.054	0.053	0.051	0.050	0.049	0.049	0.048	0.047	0.046	0.045	0.044	0.044	0.043	-1.8%	
Delivered Energy	0.363	0.361	0.370	0.366	0.371	0.375	0.376	0.375	0.380	0.387	0.394	0.396	0.401	0.404	0.408	0.411	0.416	0.422	0.427	0.434	0.439	0.443	0.446	0.449	0.9%	
Electricity Related Losses	0.002	0.013	0.012	0.014	0.016	0.018	0.019	0.020	0.022	0.023	0.024	0.025	0.026	0.026	0.027	0.028	0.030	0.031	0.032	0.033	0.035	0.035	0.036	0.037	12.7%	
Total	0.432	0.437	0.448	0.444	0.451	0.455	0.456	0.455	0.460	0.467	0.473	0.475	0.479	0.482	0.485	0.489	0.494	0.501	0.507	0.513	0.518	0.523	0.526	0.529	0.9%	
Renewable Energy 7/ Electricity	0.363	0.368	0.369	0.374	0.379	0.383	0.386	0.389	0.397	0.404	0.411	0.416	0.423	0.428	0.433	0.437	0.441	0.445	0.451	0.454	0.457	0.460	0.463	0.466	1.1%	
Delivered Energy	0.542	0.543	0.546	0.549	0.559	0.567	0.570	0.575	0.584	0.595	0.604	0.611	0.620	0.627	0.633	0.641	0.648	0.658	0.668	0.674	0.682	0.690	0.696	0.701	1.1%	
Electricity Related Losses	3.033	3.042	3.093	3.144	3.187	3.225	3.243	3.272	3.314	3.356	3.396	3.432	3.468	3.506	3.539	3.581	3.613	3.657	3.707	3.732	3.767	3.801	3.831	3.859	1.1%	
Total	1.092	1.053	1.069	1.060	1.067	1.069	1.048	1.016	0.981	0.984	0.967	0.990	0.979	0.951	0.954	0.927	0.916	0.886	0.864	0.854	0.850	0.853	0.847	0.854	-1.1%	
Total	4.125	4.095	4.162	4.204	4.254	4.294	4.290	4.288	4.295	4.340	4.363	4.421	4.447	4.457	4.493	4.508	4.529	4.543	4.571	4.585	4.616	4.654	4.678	4.713	0.6%	

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 05 - South Atlantic																							1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Transportation																									
Distillate Fuel 8/	0.800	0.858	0.869	0.889	0.911	0.929	0.948	0.965	0.985	1.005	1.024	1.040	1.058	1.075	1.088	1.103	1.116	1.133	1.152	1.165	1.180	1.194	1.209	1.223	1.9%
Jet Fuel 9/	0.400	0.396	0.407	0.453	0.462	0.474	0.488	0.504	0.520	0.539	0.556	0.576	0.594	0.611	0.625	0.641	0.654	0.670	0.685	0.701	0.715	0.732	0.746	0.760	2.8%
Motor Gasoline 2/	2.946	3.010	3.053	3.146	3.216	3.281	3.347	3.407	3.474	3.537	3.600	3.658	3.715	3.774	3.812	3.848	3.887	3.928	3.968	4.005	4.048	4.089	4.131	4.172	1.5%
Residual Fuel	0.075	0.060	0.072	0.074	0.076	0.079	0.081	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.108	0.111	0.114	0.117	0.120	0.123	0.126	0.129	0.132	2.5%
Liquefied Petroleum Gas	0.006	0.007	0.008	0.010	0.011	0.014	0.016	0.019	0.022	0.025	0.027	0.029	0.031	0.032	0.034	0.035	0.036	0.037	0.038	0.039	0.040	0.041	0.042	0.043	8.7%
Other Petroleum 10/	0.050	0.052	0.052	0.053	0.054	0.055	0.055	0.056	0.057	0.058	0.059	0.060	0.061	0.062	0.062	0.063	0.064	0.064	0.065	0.066	0.066	0.067	0.067	0.068	1.3%
Petroleum Subtotal	4.276	4.383	4.461	4.624	4.731	4.832	4.936	5.035	5.145	5.254	5.359	5.459	5.558	5.656	5.728	5.799	5.868	5.947	6.026	6.096	6.173	6.249	6.325	6.398	1.8%
Pipeline Fuel Natural Gas	0.070	0.060	0.060	0.061	0.063	0.065	0.067	0.069	0.072	0.073	0.075	0.075	0.076	0.077	0.077	0.078	0.079	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.6%
Compressed Natural Gas	0.002	0.004	0.007	0.011	0.016	0.021	0.025	0.030	0.034	0.037	0.040	0.043	0.045	0.048	0.050	0.052	0.054	0.056	0.058	0.059	0.061	0.062	0.064	0.065	15.3%
Renewables (E85) 11/	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.015	24.3%
M85 12/	0.000	0.001	0.002	0.003	0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016	0.017	0.018	0.019	0.019	0.020	0.021	0.021	0.022	22.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.011	0.011	0.011	0.011	0.012	0.012	0.015	0.017	0.019	0.022	0.023	0.025	0.027	0.029	0.031	0.032	0.033	0.035	0.036	0.038	0.040	0.041	0.043	0.044	6.4%
Delivered Energy	4.359	4.460	4.542	4.713	4.829	4.938	5.053	5.164	5.286	5.402	5.516	5.623	5.729	5.835	5.912	5.988	6.063	6.148	6.231	6.306	6.387	6.468	6.547	6.624	1.8%
Electricity Related Losses	0.021	0.021	0.022	0.022	0.022	0.022	0.027	0.030	0.033	0.036	0.037	0.041	0.043	0.044	0.046	0.046	0.047	0.047	0.047	0.048	0.049	0.051	0.052	0.054	4.1%
Total	4.381	4.481	4.563	4.735	4.851	4.961	5.080	5.194	5.318	5.438	5.553	5.664	5.772	5.878	5.957	6.034	6.111	6.195	6.278	6.354	6.436	6.518	6.599	6.678	1.8%
Delivered Energy																									
Consumption All Sectors																									
Distillate Fuel	1.148	1.172	1.190	1.210	1.233	1.252	1.271	1.288	1.309	1.329	1.347	1.365	1.383	1.402	1.416	1.432	1.445	1.463	1.483	1.496	1.510	1.525	1.541	1.554	1.3%
Kerosene	0.047	0.048	0.040	0.040	0.041	0.041	0.041	0.042	0.042	0.042	0.043	0.043	0.044	0.044	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	-0.2%
Jet Fuel 9/	0.400	0.396	0.407	0.453	0.462	0.474	0.488	0.504	0.520	0.539	0.556	0.576	0.594	0.611	0.625	0.641	0.654	0.670	0.685	0.701	0.715	0.732	0.746	0.760	2.8%
Liquefied Petroleum Gas	0.165	0.163	0.167	0.171	0.174	0.178	0.181	0.185	0.189	0.192	0.196	0.200	0.202	0.205	0.207	0.209	0.210	0.212	0.214	0.215	0.216	0.218	0.219	0.220	1.3%
Motor Gasoline 2/	2.977	3.040	3.083	3.177	3.248	3.314	3.380	3.441	3.508	3.572	3.636	3.694	3.752	3.811	3.850	3.886	3.925	3.966	4.007	4.044	4.088	4.129	4.171	4.213	1.5%
Petrochemical Feedstocks	0.182	0.179	0.182	0.184	0.186	0.185	0.183	0.181	0.181	0.183	0.186	0.188	0.190	0.192	0.193	0.196	0.197	0.199	0.201	0.203	0.205	0.207	0.208	0.210	0.6%
Residual Fuel	0.181	0.175	0.186	0.196	0.198	0.202	0.206	0.215	0.220	0.222	0.225	0.231	0.234	0.240	0.244	0.251	0.253	0.258	0.265	0.266	0.271	0.276	0.281	0.285	2.0%
Other Petroleum 13/	0.480	0.478	0.487	0.511	0.516	0.527	0.533	0.547	0.556	0.561	0.566	0.575	0.580	0.589	0.596	0.606	0.610	0.617	0.627	0.630	0.637	0.643	0.651	0.656	1.4%
Petroleum Subtotal	5.579	5.652	5.741	5.942	6.057	6.173	6.283	6.403	6.526	6.641	6.754	6.872	6.979	7.094	7.176	7.264	7.339	7.430	7.527	7.600	7.687	7.774	7.861	7.943	1.5%
Natural Gas 6/	1.564	1.508	1.599	1.631	1.664	1.695	1.722	1.750	1.783	1.819	1.855	1.890	1.926	1.962	1.992	2.026	2.056	2.087	2.112	2.134	2.154	2.176	2.196	2.220	1.5%
Metallurgical Coal	0.066	0.064	0.066	0.065	0.063	0.062	0.061	0.059	0.058	0.057	0.055	0.054	0.053	0.051	0.050	0.049	0.049	0.048	0.047	0.046	0.045	0.044	0.044	0.043	-1.8%
Steam Coal	0.386	0.384	0.393	0.389	0.395	0.400	0.401	0.400	0.405	0.413	0.419	0.423	0.427	0.431	0.435	0.438	0.444	0.450	0.455	0.462	0.467	0.471	0.475	0.478	0.9%
Net Coal Coke Imports	0.002	0.013	0.012	0.014	0.016	0.018	0.019	0.020	0.022	0.023	0.024	0.025	0.026	0.026	0.027	0.028	0.030	0.031	0.032	0.033	0.035	0.035	0.036	0.037	12.7%
Coal Subtotal	0.454	0.461	0.471	0.468	0.475	0.479	0.481	0.480	0.485	0.493	0.499	0.502	0.506	0.509	0.512	0.516	0.522	0.528	0.535	0.542	0.547	0.551	0.554	0.558	0.9%
Renewable Energy 14/	0.463	0.462	0.470	0.477	0.483	0.488	0.493	0.498	0.506	0.515	0.523	0.531	0.539	0.545	0.551	0.557	0.562	0.568	0.574	0.579	0.583	0.587	0.591	0.595	1.1%
M85 12/	0.000	0.001	0.002	0.003	0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016	0.017	0.018	0.019	0.019	0.020	0.021	0.021	0.022	22.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	2.180	2.233	2.279	2.332	2.387	2.432	2.467	2.505	2.548	2.594	2.640	2.690	2.734	2.780	2.834	2.883	2.924	2.971	3.017	3.063	3.102	3.144	3.184	3.228	1.7%
Delivered Energy	10.240	10.317	10.562	10.853	11.071	11.274	11.454	11.645	11.858	12.072	12.284	12.497	12.697	12.906	13.081	13.263	13.420	13.602	13.784	13.937	14.092	14.252	14.408	14.566	1.5%
Electricity Related Losses	4.395	4.329	4.460	4.504	4.558	4.583	4.533	4.432	4.277	4.293	4.227	4.354	4.322	4.218	4.269	4.167	4.133	4.003	3.902	3.882	3.865	3.885	3.878	3.933	-0.5%
Total	14.636	14.646	15.022	15.356	15.629	15.857	15.987	16.077	16.135	16.365	16.511	16.852	17.019	17.124	17.350	17.430	17.552	17.605	17.686	17.819	17.957	18.138	18.286	18.499	1.0%

Table 5. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 05 - South Atlantic																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997- 2020
Electric Generators 15/																									
Distillate Fuel	0.035	0.032	0.029	0.020	0.021	0.022	0.018	0.017	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	-3.1%
Residual Fuel	0.290	0.344	0.335	0.276	0.268	0.252	0.178	0.143	0.122	0.111	0.103	0.117	0.113	0.112	0.105	0.100	0.096	0.086	0.081	0.071	0.069	0.066	0.069	0.066	-6.2%
Petroleum Subtotal	0.326	0.376	0.364	0.296	0.289	0.273	0.196	0.160	0.138	0.128	0.120	0.134	0.130	0.129	0.122	0.116	0.113	0.102	0.097	0.087	0.086	0.083	0.086	0.083	-5.8%
Natural Gas	0.493	0.305	0.328	0.333	0.371	0.404	0.450	0.483	0.521	0.578	0.620	0.641	0.661	0.693	0.697	0.708	0.740	0.767	0.754	0.766	0.740	0.727	0.725	0.724	1.7%
Steam Coal	3.842	3.915	4.050	4.189	4.264	4.313	4.334	4.275	4.203	4.303	4.295	4.452	4.509	4.442	4.587	4.588	4.730	4.791	4.883	4.955	5.075	5.153	5.186	5.290	1.4%
Nuclear Power	1.699	1.766	1.811	1.819	1.823	1.825	1.822	1.820	1.764	1.679	1.634	1.617	1.557	1.535	1.497	1.438	1.274	1.113	0.986	0.938	0.867	0.866	0.865	0.864	-2.9%
Renewable Energy 16/	0.216	0.200	0.186	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.199	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-0.3%
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	6.575	6.562	6.739	6.836	6.945	7.015	7.001	6.937	6.825	6.887	6.867	7.044	7.057	6.998	7.103	7.050	7.057	6.973	6.920	6.946	6.967	7.029	7.062	7.161	0.4%
Total Energy Consumption																									
Distillate Fuel	1.183	1.204	1.218	1.230	1.254	1.273	1.289	1.305	1.325	1.346	1.364	1.382	1.400	1.419	1.433	1.448	1.462	1.479	1.499	1.512	1.526	1.542	1.557	1.571	1.2%
Kerosene	0.047	0.048	0.040	0.040	0.041	0.041	0.041	0.042	0.042	0.042	0.043	0.043	0.044	0.044	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	-0.2%
Jet Fuel 9/	0.400	0.396	0.407	0.453	0.462	0.474	0.488	0.504	0.520	0.539	0.556	0.576	0.594	0.611	0.625	0.641	0.654	0.670	0.685	0.701	0.715	0.732	0.746	0.760	2.8%
Liquefied Petroleum Gas	0.165	0.163	0.167	0.171	0.174	0.178	0.181	0.185	0.189	0.192	0.196	0.200	0.202	0.205	0.207	0.209	0.210	0.212	0.214	0.215	0.216	0.218	0.219	0.220	1.3%
Motor Gasoline 2/	2.977	3.040	3.083	3.177	3.248	3.314	3.380	3.441	3.508	3.572	3.636	3.694	3.752	3.811	3.850	3.886	3.925	3.966	4.007	4.044	4.088	4.129	4.171	4.213	1.5%
Petrochemical Feedstocks	0.182	0.179	0.182	0.184	0.186	0.185	0.183	0.181	0.181	0.183	0.186	0.188	0.190	0.192	0.193	0.196	0.197	0.199	0.201	0.203	0.205	0.207	0.208	0.210	0.6%
Residual Fuel	0.472	0.520	0.521	0.472	0.466	0.454	0.385	0.358	0.342	0.334	0.327	0.348	0.347	0.352	0.349	0.350	0.349	0.344	0.346	0.337	0.340	0.342	0.350	0.351	-1.3%
Other Petroleum 13/	0.480	0.478	0.487	0.511	0.516	0.527	0.533	0.547	0.556	0.561	0.566	0.575	0.580	0.589	0.596	0.606	0.610	0.617	0.627	0.630	0.637	0.643	0.651	0.656	1.4%
Petroleum Subtotal	5.905	6.028	6.105	6.238	6.346	6.446	6.480	6.563	6.664	6.770	6.874	7.006	7.108	7.223	7.298	7.380	7.452	7.532	7.624	7.687	7.772	7.857	7.947	8.026	1.3%
Natural Gas	2.057	1.813	1.927	1.964	2.035	2.100	2.172	2.234	2.304	2.396	2.475	2.531	2.587	2.655	2.689	2.734	2.796	2.854	2.866	2.900	2.894	2.903	2.921	2.945	1.6%
Metallurgical Coal	0.066	0.064	0.066	0.065	0.063	0.062	0.061	0.059	0.058	0.057	0.055	0.054	0.053	0.051	0.050	0.049	0.049	0.048	0.047	0.046	0.045	0.044	0.044	0.043	-1.8%
Steam Coal	4.227	4.299	4.443	4.578	4.659	4.713	4.735	4.675	4.608	4.716	4.714	4.875	4.937	4.873	5.022	5.026	5.174	5.241	5.339	5.417	5.542	5.625	5.661	5.768	1.4%
Net Coal Coke Imports	0.002	0.013	0.012	0.014	0.016	0.018	0.019	0.020	0.022	0.023	0.024	0.025	0.026	0.026	0.027	0.028	0.030	0.031	0.032	0.033	0.035	0.035	0.036	0.037	12.7%
Coal Subtotal	4.296	4.376	4.521	4.657	4.738	4.793	4.814	4.755	4.688	4.795	4.794	4.954	5.015	4.951	5.099	5.104	5.252	5.319	5.418	5.497	5.621	5.704	5.741	5.848	1.4%
Nuclear Power	1.699	1.766	1.811	1.819	1.823	1.825	1.822	1.820	1.764	1.679	1.634	1.617	1.557	1.535	1.497	1.438	1.274	1.113	0.986	0.938	0.867	0.866	0.865	0.864	-2.9%
Renewable Energy 18/	0.679	0.662	0.656	0.675	0.682	0.687	0.692	0.697	0.706	0.714	0.723	0.730	0.738	0.745	0.751	0.757	0.761	0.767	0.774	0.778	0.782	0.786	0.790	0.794	0.7%
M85 12/	0.000	0.001	0.002	0.003	0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016	0.017	0.018	0.019	0.019	0.020	0.021	0.021	0.022	22.2%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	14.636	14.646	15.022	15.356	15.629	15.857	15.987	16.077	16.135	16.365	16.511	16.852	17.019	17.124	17.350	17.430	17.552	17.605	17.686	17.819	17.957	18.138	18.286	18.499	1.0%
Energy Use & Related Statistics																									
Delivered Energy Use	10.240	10.317	10.562	10.853	11.071	11.274	11.454	11.645	11.858	12.072	12.284	12.497	12.697	12.906	13.081	13.263	13.420	13.602	13.784	13.937	14.092	14.252	14.408	14.566	1.5%
Total Energy Use	14.636	14.646	15.022	15.356	15.629	15.857	15.987	16.077	16.135	16.365	16.511	16.852	17.019	17.124	17.350	17.430	17.552	17.605	17.686	17.819	17.957	18.138	18.286	18.499	1.0%
Population (millions)	48.351	48.959	49.542	50.117	50.716	51.320	51.933	52.551	53.169	53.786	54.408	55.043	55.690	56.349	57.018	57.701	58.393	59.092	59.793	60.498	61.209	61.925	62.646	63.370	1.2%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 5. Energy Consumption by Sector and Source (05 - South Atlantic)

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 06 - East South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																									
Residential																									
Distillate Fuel	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	-2.8%
Kerosene	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-0.8%
Liquefied Petroleum Gas	0.035	0.035	0.036	0.037	0.037	0.038	0.038	0.039	0.039	0.039	0.040	0.040	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.040	0.040	0.040	0.039	0.5%
Petroleum Subtotal	0.048	0.047	0.047	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.049	0.050	0.050	0.050	0.049	0.049	0.049	0.049	0.048	0.048	0.048	0.048	-0.0%
Natural Gas	0.211	0.195	0.213	0.217	0.219	0.223	0.227	0.232	0.235	0.239	0.243	0.249	0.252	0.257	0.260	0.263	0.265	0.268	0.270	0.272	0.273	0.275	0.277	0.279	1.2%
Coal	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.3%
Renewable Energy 1/ Electricity	0.052	0.047	0.051	0.051	0.051	0.051	0.052	0.052	0.052	0.053	0.053	0.053	0.054	0.054	0.054	0.055	0.055	0.055	0.055	0.056	0.056	0.056	0.057	0.057	0.4%
Delivered Energy	0.315	0.325	0.335	0.343	0.349	0.352	0.352	0.354	0.355	0.358	0.360	0.364	0.366	0.368	0.374	0.380	0.383	0.388	0.392	0.398	0.402	0.406	0.411	0.417	1.2%
Electricity Related Losses	0.630	0.617	0.649	0.661	0.670	0.678	0.683	0.690	0.694	0.701	0.709	0.719	0.724	0.732	0.741	0.751	0.756	0.764	0.770	0.779	0.783	0.789	0.795	0.804	1.1%
Total	0.801	0.874	0.900	0.933	0.935	0.926	0.945	0.955	0.976	0.985	1.001	1.005	1.028	1.049	1.043	1.061	1.079	1.094	1.101	1.099	1.092	1.088	1.092	1.100	1.4%
Total	1.431	1.491	1.548	1.594	1.605	1.604	1.627	1.644	1.670	1.686	1.709	1.723	1.752	1.781	1.784	1.812	1.835	1.858	1.871	1.878	1.875	1.877	1.887	1.904	1.2%
Commercial																									
Distillate Fuel	0.017	0.013	0.013	0.013	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	-1.7%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0%
Kerosene	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0%
Liquefied Petroleum Gas	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.7%
Motor Gasoline 2/ Petroleum Subtotal	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.3%
Natural Gas	0.027	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	-0.8%
Coal	0.154	0.147	0.161	0.163	0.165	0.166	0.168	0.170	0.171	0.173	0.174	0.176	0.177	0.179	0.180	0.182	0.183	0.184	0.184	0.185	0.185	0.186	0.186	0.186	0.8%
Renewable Energy 3/ Electricity	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.9%
Delivered Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Related Losses	0.147	0.152	0.155	0.159	0.163	0.168	0.172	0.175	0.180	0.184	0.188	0.193	0.197	0.201	0.207	0.211	0.215	0.219	0.222	0.225	0.228	0.230	0.232	0.234	2.0%
Total	0.332	0.326	0.343	0.350	0.356	0.362	0.368	0.373	0.379	0.384	0.390	0.396	0.402	0.408	0.415	0.421	0.426	0.431	0.435	0.438	0.441	0.444	0.446	0.447	1.3%
Electricity Related Losses	0.373	0.407	0.415	0.433	0.438	0.442	0.460	0.473	0.493	0.506	0.523	0.532	0.554	0.574	0.576	0.589	0.606	0.617	0.624	0.622	0.620	0.617	0.617	0.617	2.2%
Total	0.706	0.733	0.758	0.782	0.794	0.804	0.828	0.846	0.872	0.891	0.913	0.928	0.956	0.982	0.991	1.010	1.032	1.049	1.059	1.060	1.061	1.060	1.063	1.064	1.8%
Industrial 4/																									
Distillate Fuel	0.107	0.105	0.106	0.109	0.110	0.112	0.114	0.117	0.119	0.121	0.122	0.124	0.125	0.127	0.128	0.130	0.131	0.132	0.134	0.135	0.136	0.137	0.138	0.139	1.2%
Liquefied Petroleum Gas	0.037	0.037	0.037	0.037	0.038	0.039	0.039	0.039	0.040	0.041	0.041	0.042	0.042	0.043	0.043	0.044	0.044	0.044	0.045	0.045	0.046	0.046	0.046	0.047	1.0%
Petrochemical Feedstocks	0.120	0.118	0.120	0.121	0.122	0.122	0.121	0.120	0.119	0.121	0.123	0.124	0.125	0.127	0.128	0.129	0.130	0.131	0.133	0.134	0.135	0.137	0.138	0.139	0.6%
Residual Fuel	0.006	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0%
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.017	0.017	0.017	0.018	0.018	0.019	0.019	0.020	0.020	0.021	0.021	0.021	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	1.5%
Natural Gas 6/ Metallurgical Coal	0.300	0.300	0.304	0.318	0.321	0.327	0.329	0.334	0.339	0.342	0.345	0.350	0.353	0.357	0.359	0.362	0.363	0.366	0.370	0.371	0.373	0.376	0.378	0.380	1.0%
Steam Coal	0.587	0.581	0.590	0.608	0.615	0.624	0.626	0.634	0.643	0.650	0.657	0.665	0.672	0.681	0.686	0.692	0.696	0.702	0.711	0.714	0.719	0.725	0.730	0.735	1.0%
Net Coal Coke Imports	0.513	0.512	0.526	0.536	0.543	0.548	0.551	0.552	0.556	0.562	0.569	0.573	0.581	0.588	0.594	0.599	0.604	0.614	0.614	0.617	0.625	0.633	0.637	0.639	1.0%
Coal Subtotal	0.112	0.109	0.112	0.110	0.108	0.106	0.104	0.101	0.099	0.096	0.094	0.092	0.090	0.088	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074	0.073	-1.8%
Renewable Energy 7/ Electricity	0.226	0.225	0.230	0.228	0.231	0.234	0.235	0.234	0.237	0.241	0.245	0.247	0.250	0.252	0.254	0.256	0.259	0.263	0.266	0.271	0.273	0.276	0.278	0.280	0.9%
Delivered Energy	0.004	0.022	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.040	0.042	0.043	0.044	0.045	0.046	0.048	0.050	0.053	0.055	0.057	0.059	0.060	0.062	0.063	12.7%
Electricity Related Losses	0.342	0.355	0.363	0.362	0.367	0.370	0.371	0.370	0.373	0.377	0.381	0.382	0.383	0.384	0.386	0.389	0.393	0.397	0.401	0.406	0.409	0.412	0.414	0.416	0.9%
Total	0.207	0.210	0.211	0.215	0.218	0.220	0.222	0.224	0.229	0.233	0.237	0.240	0.245	0.248	0.251	0.254	0.257	0.260	0.264	0.266	0.269	0.271	0.274	0.276	1.3%
Delivered Energy	0.468	0.470	0.472	0.475	0.484	0.491	0.494	0.498	0.506	0.515	0.523	0.530	0.537	0.543	0.549	0.555	0.561	0.569	0.578	0.583	0.590	0.597	0.602	0.607	1.1%
Electricity Related Losses	2.117	2.127	2.162	2.196	2.227	2.253	2.264	2.277	2.306	2.337	2.368	2.390	2.418	2.444	2.465	2.489	2.510	2.542	2.568	2.586	2.612	2.639	2.657	2.673	1.0%
Total	1.189	1.261	1.267	1.294	1.297	1.294	1.323	1.341	1.390	1.419	1.455	1.463	1.509	1.548	1.529	1.552	1.581	1.605	1.623	1.609	1.605	1.600	1.600	1.600	1.3%
Total	3.306	3.388	3.429	3.490	3.524	3.547	3.588	3.619	3.696	3.756	3.822	3.853	3.927	3.991	3.993	4.041	4.091	4.148	4.191	4.195	4.217	4.239	4.257	4.272	1.1%

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 06 - East South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Transportation																									
Distillate Fuel 8/	0.444	0.476	0.482	0.490	0.499	0.506	0.513	0.518	0.525	0.532	0.538	0.543	0.549	0.554	0.557	0.561	0.564	0.569	0.575	0.578	0.582	0.586	0.589	0.592	1.3%
Jet Fuel 9/	0.155	0.153	0.157	0.176	0.180	0.184	0.189	0.194	0.199	0.205	0.211	0.218	0.224	0.229	0.234	0.238	0.243	0.248	0.252	0.258	0.262	0.267	0.271	0.275	2.5%
Motor Gasoline 2/	1.072	1.095	1.111	1.140	1.161	1.178	1.195	1.208	1.224	1.238	1.252	1.264	1.275	1.286	1.290	1.293	1.297	1.302	1.307	1.310	1.315	1.319	1.323	1.327	0.9%
Residual Fuel	0.026	0.021	0.026	0.026	0.027	0.027	0.028	0.029	0.030	0.031	0.031	0.032	0.033	0.034	0.035	0.036	0.036	0.037	0.038	0.039	0.040	0.040	0.041	0.042	2.0%
Liquefied Petroleum Gas	0.003	0.003	0.003	0.004	0.004	0.005	0.006	0.007	0.008	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	7.1%
Other Petroleum 10/	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.027	0.027	0.9%
Petroleum Subtotal	1.721	1.771	1.802	1.859	1.894	1.924	1.953	1.979	2.010	2.039	2.067	2.092	2.116	2.139	2.152	2.165	2.178	2.194	2.211	2.223	2.237	2.251	2.265	2.276	1.2%
Pipeline Fuel Natural Gas	0.123	0.114	0.111	0.111	0.112	0.113	0.116	0.118	0.121	0.123	0.126	0.127	0.129	0.132	0.133	0.134	0.134	0.136	0.134	0.135	0.135	0.136	0.135	0.134	0.4%
Compressed Natural Gas	0.001	0.002	0.002	0.004	0.005	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.019	0.020	0.020	0.021	0.021	0.022	0.022	14.5%
Renewables (E85) 11/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	23.6%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	21.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.013	5.6%
Delivered Energy	1.848	1.891	1.919	1.980	2.018	2.051	2.086	2.117	2.154	2.187	2.219	2.248	2.276	2.304	2.320	2.336	2.350	2.369	2.385	2.399	2.415	2.431	2.444	2.456	1.2%
Electricity Related Losses	0.009	0.010	0.010	0.010	0.010	0.010	0.013	0.015	0.017	0.019	0.020	0.022	0.024	0.025	0.026	0.027	0.028	0.030	0.031	0.031	0.032	0.032	0.033	0.033	5.8%
Total	1.858	1.901	1.929	1.990	2.028	2.061	2.099	2.132	2.171	2.206	2.240	2.269	2.299	2.329	2.346	2.363	2.378	2.399	2.416	2.430	2.447	2.463	2.477	2.489	1.3%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	0.575	0.600	0.608	0.618	0.629	0.637	0.645	0.653	0.662	0.670	0.677	0.684	0.691	0.697	0.702	0.707	0.711	0.718	0.725	0.729	0.733	0.738	0.743	0.746	1.1%
Kerosene	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	-0.3%
Jet Fuel 9/	0.155	0.153	0.157	0.176	0.180	0.184	0.189	0.194	0.199	0.205	0.211	0.218	0.224	0.229	0.234	0.238	0.243	0.248	0.252	0.258	0.262	0.267	0.271	0.275	2.5%
Liquefied Petroleum Gas	0.082	0.081	0.083	0.084	0.086	0.088	0.090	0.091	0.093	0.095	0.097	0.099	0.100	0.101	0.102	0.103	0.104	0.104	0.105	0.106	0.106	0.106	0.106	0.107	1.2%
Motor Gasoline 2/	1.091	1.114	1.130	1.160	1.180	1.198	1.215	1.229	1.246	1.260	1.275	1.286	1.298	1.309	1.314	1.317	1.321	1.326	1.331	1.335	1.340	1.344	1.349	1.353	0.9%
Petrochemical Feedstocks	0.120	0.118	0.120	0.121	0.122	0.122	0.121	0.120	0.119	0.121	0.123	0.124	0.125	0.127	0.128	0.129	0.130	0.131	0.133	0.134	0.135	0.137	0.138	0.139	0.6%
Residual Fuel	0.032	0.026	0.030	0.031	0.032	0.032	0.033	0.034	0.035	0.036	0.036	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.045	0.046	0.047	0.048	1.8%
Other Petroleum 13/	0.319	0.320	0.324	0.338	0.342	0.348	0.349	0.355	0.360	0.364	0.367	0.372	0.375	0.380	0.382	0.385	0.386	0.389	0.393	0.394	0.397	0.400	0.402	0.404	1.0%
Petroleum Subtotal	2.383	2.421	2.460	2.537	2.579	2.619	2.651	2.685	2.724	2.760	2.795	2.829	2.860	2.892	2.910	2.930	2.945	2.968	2.993	3.008	3.027	3.047	3.065	3.081	1.1%
Natural Gas 6/	1.002	0.969	1.013	1.030	1.045	1.058	1.071	1.081	1.095	1.109	1.126	1.139	1.155	1.172	1.184	1.197	1.205	1.222	1.223	1.229	1.239	1.251	1.257	1.260	1.0%
Metallurgical Coal	0.112	0.109	0.112	0.110	0.108	0.106	0.104	0.101	0.099	0.096	0.094	0.092	0.090	0.088	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074	0.073	-1.8%
Steam Coal	0.234	0.233	0.239	0.236	0.240	0.242	0.243	0.243	0.246	0.250	0.254	0.256	0.259	0.261	0.263	0.265	0.268	0.272	0.275	0.280	0.282	0.285	0.287	0.289	0.9%
Net Coal Coke Imports	0.004	0.022	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.040	0.042	0.043	0.044	0.045	0.046	0.048	0.050	0.053	0.055	0.057	0.059	0.060	0.062	0.063	12.7%
Coal Subtotal	0.350	0.363	0.371	0.370	0.375	0.378	0.379	0.378	0.381	0.386	0.390	0.391	0.392	0.393	0.395	0.398	0.401	0.406	0.410	0.415	0.418	0.421	0.423	0.425	0.8%
Renewable Energy 14/	0.258	0.257	0.262	0.266	0.270	0.273	0.275	0.278	0.283	0.288	0.292	0.296	0.301	0.305	0.309	0.312	0.315	0.319	0.323	0.326	0.329	0.332	0.335	0.337	1.2%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	21.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.934	0.950	0.966	0.980	1.000	1.015	1.023	1.032	1.047	1.063	1.079	1.094	1.108	1.121	1.139	1.156	1.169	1.187	1.203	1.218	1.231	1.245	1.257	1.270	1.3%
Delivered Energy	4.928	4.961	5.073	5.186	5.271	5.344	5.401	5.458	5.533	5.609	5.685	5.753	5.820	5.888	5.941	5.997	6.042	6.107	6.159	6.202	6.251	6.302	6.342	6.380	1.1%
Electricity Related Losses	2.373	2.552	2.592	2.670	2.680	2.672	2.741	2.783	2.876	2.929	2.999	3.021	3.115	3.196	3.173	3.229	3.294	3.346	3.378	3.361	3.349	3.337	3.342	3.350	1.5%
Total	7.300	7.513	7.665	7.856	7.951	8.016	8.141	8.241	8.409	8.538	8.684	8.773	8.935	9.084	9.114	9.226	9.336	9.453	9.537	9.564	9.599	9.639	9.684	9.729	1.3%

Table 6. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 06 - East South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.006	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-1.2%
Residual Fuel	0.026	0.034	0.033	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-25.7%
Petroleum Subtotal	0.032	0.038	0.038	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	-8.0%
Natural Gas	0.089	0.113	0.115	0.187	0.205	0.197	0.266	0.317	0.419	0.470	0.556	0.585	0.692	0.811	0.888	1.024	1.087	1.219	1.317	1.332	1.402	1.485	1.506	1.525	13.1%
Steam Coal	2.314	2.475	2.531	2.560	2.569	2.580	2.584	2.583	2.586	2.604	2.605	2.614	2.616	2.621	2.627	2.625	2.643	2.608	2.611	2.620	2.621	2.582	2.580	2.582	0.5%
Nuclear Power	0.583	0.608	0.627	0.633	0.636	0.639	0.642	0.646	0.647	0.648	0.647	0.645	0.644	0.614	0.526	0.465	0.463	0.435	0.383	0.356	0.285	0.244	0.243	0.242	-3.8%
Renewable Energy 16/	0.288	0.267	0.248	0.265	0.265	0.265	0.265	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	-0.3%
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	3.307	3.502	3.558	3.650	3.680	3.686	3.763	3.816	3.923	3.992	4.078	4.115	4.223	4.317	4.312	4.385	4.464	4.533	4.582	4.579	4.580	4.582	4.599	4.620	1.5%
Total Energy Consumption																									
Distillate Fuel	0.581	0.604	0.613	0.622	0.633	0.642	0.650	0.657	0.667	0.675	0.682	0.689	0.695	0.702	0.706	0.711	0.716	0.722	0.730	0.734	0.738	0.743	0.747	0.751	1.1%
Kerosene	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	-0.3%
Jet Fuel 9/	0.155	0.153	0.157	0.176	0.180	0.184	0.189	0.194	0.199	0.205	0.211	0.218	0.224	0.229	0.234	0.238	0.243	0.248	0.252	0.258	0.262	0.267	0.271	0.275	2.5%
Liquefied Petroleum Gas	0.082	0.081	0.083	0.084	0.086	0.088	0.090	0.091	0.093	0.095	0.097	0.099	0.100	0.101	0.102	0.103	0.104	0.104	0.105	0.106	0.106	0.106	0.106	0.107	1.2%
Motor Gasoline 2/	1.091	1.114	1.130	1.160	1.180	1.198	1.215	1.229	1.246	1.260	1.275	1.286	1.298	1.309	1.314	1.317	1.321	1.326	1.331	1.335	1.340	1.344	1.349	1.353	0.9%
Petrochemical Feedstocks	0.120	0.118	0.120	0.121	0.122	0.122	0.121	0.120	0.119	0.121	0.123	0.124	0.125	0.127	0.128	0.129	0.130	0.131	0.133	0.134	0.135	0.137	0.138	0.139	0.6%
Residual Fuel	0.058	0.060	0.063	0.032	0.032	0.032	0.033	0.034	0.035	0.036	0.037	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.045	0.046	0.047	0.048	-0.8%
Other Petroleum 13/	0.319	0.320	0.324	0.338	0.342	0.348	0.349	0.355	0.360	0.364	0.367	0.372	0.375	0.380	0.382	0.385	0.386	0.389	0.393	0.394	0.397	0.400	0.402	0.404	1.0%
Petroleum Subtotal	2.415	2.460	2.498	2.544	2.584	2.623	2.655	2.689	2.728	2.765	2.799	2.834	2.865	2.897	2.915	2.934	2.950	2.973	2.998	3.013	3.032	3.051	3.069	3.086	1.1%
Natural Gas	1.091	1.082	1.128	1.217	1.250	1.255	1.337	1.398	1.514	1.579	1.682	1.723	1.847	1.983	2.071	2.221	2.292	2.441	2.540	2.561	2.642	2.736	2.762	2.785	4.2%
Metallurgical Coal	0.112	0.109	0.112	0.110	0.108	0.106	0.104	0.101	0.099	0.096	0.094	0.092	0.090	0.088	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074	0.073	-1.8%
Steam Coal	2.549	2.708	2.769	2.796	2.809	2.822	2.828	2.826	2.832	2.854	2.859	2.870	2.875	2.882	2.890	2.890	2.911	2.880	2.886	2.900	2.904	2.867	2.867	2.871	0.5%
Net Coal Coke Imports	0.004	0.022	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.040	0.042	0.043	0.044	0.045	0.046	0.048	0.050	0.053	0.055	0.057	0.059	0.060	0.062	0.063	12.7%
Coal Subtotal	2.665	2.839	2.902	2.930	2.945	2.958	2.964	2.962	2.967	2.990	2.995	3.005	3.009	3.014	3.022	3.023	3.044	3.014	3.021	3.035	3.040	3.003	3.003	3.007	0.5%
Nuclear Power	0.583	0.608	0.627	0.633	0.636	0.639	0.642	0.646	0.647	0.648	0.647	0.645	0.644	0.614	0.526	0.465	0.463	0.435	0.383	0.356	0.285	0.244	0.243	0.242	-3.8%
Renewable Energy 18/	0.547	0.524	0.510	0.531	0.535	0.538	0.541	0.544	0.549	0.554	0.558	0.562	0.567	0.571	0.575	0.578	0.581	0.585	0.589	0.593	0.595	0.598	0.601	0.603	0.4%
M85 12/	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	21.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	7.300	7.513	7.665	7.856	7.951	8.016	8.141	8.241	8.409	8.538	8.684	8.773	8.935	9.084	9.114	9.226	9.336	9.453	9.537	9.564	9.599	9.639	9.684	9.729	1.3%
Energy Use & Related Statistics																									
Delivered Energy Use	4.928	4.961	5.073	5.186	5.271	5.344	5.401	5.458	5.533	5.609	5.685	5.753	5.820	5.888	5.941	5.997	6.042	6.107	6.159	6.202	6.251	6.302	6.342	6.380	1.1%
Total Energy Use	7.300	7.513	7.665	7.856	7.951	8.016	8.141	8.241	8.409	8.538	8.684	8.773	8.935	9.084	9.114	9.226	9.336	9.453	9.537	9.564	9.599	9.639	9.684	9.729	1.3%
Population (millions)	16.358	16.477	16.564	16.642	16.722	16.801	16.883	16.964	17.045	17.125	17.205	17.288	17.370	17.453	17.537	17.627	17.720	17.815	17.909	18.001	18.092	18.180	18.268	18.355	0.5%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emission (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 6. Energy Consumption by Sector and Source (06 - East South Central) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 07 - West South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																									
Residential																									
Distillate Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.6%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.2%
Liquefied Petroleum Gas	0.031	0.031	0.031	0.031	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.024	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	-1.8%
Petroleum Subtotal	0.032	0.031	0.032	0.031	0.030	0.029	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	-1.8%
Natural Gas	0.420	0.387	0.423	0.425	0.424	0.426	0.427	0.430	0.430	0.431	0.433	0.436	0.436	0.438	0.442	0.448	0.452	0.456	0.459	0.463	0.465	0.468	0.472	0.477	0.6%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.2%
Renewable Energy 1/ Electricity	0.032	0.028	0.031	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.036	0.037	0.037	0.037	0.037	0.038	0.7%
Delivered Energy	0.508	0.525	0.540	0.557	0.572	0.579	0.584	0.590	0.595	0.602	0.610	0.621	0.627	0.636	0.650	0.664	0.675	0.687	0.699	0.712	0.720	0.731	0.742	0.756	1.7%
Electricity Related Losses	0.992	0.971	1.026	1.044	1.058	1.066	1.072	1.081	1.085	1.092	1.101	1.114	1.121	1.131	1.150	1.171	1.184	1.201	1.216	1.234	1.244	1.258	1.273	1.293	1.2%
Total	1.098	1.086	1.105	1.127	1.166	1.176	1.169	1.143	1.138	1.138	1.140	1.153	1.153	1.159	1.179	1.191	1.197	1.209	1.213	1.215	1.214	1.199	1.205	1.204	0.8%
Commercial																									
Distillate Fuel	0.018	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	-1.7%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.3%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.2%
Liquefied Petroleum Gas	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.1%
Motor Gasoline 2/ Petroleum Subtotal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.3%
Natural Gas	0.339	0.324	0.355	0.359	0.363	0.368	0.372	0.377	0.381	0.384	0.389	0.393	0.398	0.402	0.406	0.411	0.414	0.418	0.420	0.422	0.424	0.425	0.427	0.428	1.0%
Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.1%
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Delivered Energy	0.430	0.444	0.453	0.460	0.467	0.474	0.480	0.485	0.491	0.497	0.505	0.514	0.522	0.531	0.542	0.552	0.562	0.570	0.577	0.584	0.590	0.595	0.600	0.604	1.5%
Electricity Related Losses	0.795	0.789	0.829	0.841	0.852	0.863	0.873	0.883	0.893	0.903	0.915	0.928	0.941	0.954	0.970	0.984	0.997	1.009	1.018	1.027	1.035	1.042	1.048	1.053	1.2%
Total	0.929	0.919	0.925	0.932	0.952	0.962	0.960	0.940	0.939	0.940	0.943	0.954	0.960	0.967	0.984	0.990	0.997	1.003	1.001	0.997	0.995	0.988	0.969	0.963	0.2%
Industrial 4/																									
Distillate Fuel	0.198	0.194	0.198	0.201	0.204	0.208	0.211	0.216	0.221	0.223	0.226	0.229	0.232	0.235	0.237	0.240	0.242	0.245	0.248	0.249	0.251	0.254	0.256	0.258	1.2%
Liquefied Petroleum Gas	1.668	1.644	1.669	1.696	1.726	1.755	1.765	1.781	1.810	1.836	1.862	1.890	1.913	1.935	1.952	1.973	1.988	2.010	2.036	2.052	2.067	2.088	2.101	2.117	1.0%
Petrochemical Feedstocks	0.744	0.731	0.743	0.751	0.758	0.757	0.747	0.740	0.738	0.749	0.759	0.767	0.775	0.784	0.790	0.799	0.805	0.813	0.822	0.829	0.837	0.846	0.851	0.858	0.6%
Residual Fuel	0.017	0.016	0.016	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.021	0.020	0.020	0.022	0.022	0.022	0.022	0.023	0.021	0.022	1.0%
Motor Gasoline 2/	0.035	0.035	0.035	0.036	0.037	0.038	0.039	0.040	0.041	0.042	0.042	0.043	0.044	0.044	0.045	0.045	0.046	0.046	0.047	0.048	0.048	0.049	0.049	0.050	1.5%
Other Petroleum 5/ Petroleum Subtotal	1.270	1.282	1.292	1.383	1.393	1.413	1.400	1.405	1.419	1.427	1.437	1.448	1.460	1.469	1.461	1.457	1.453	1.451	1.460	1.455	1.451	1.455	1.448	1.450	0.6%
Natural Gas 6/	3.932	3.902	3.954	4.086	4.137	4.190	4.181	4.201	4.248	4.296	4.346	4.396	4.443	4.487	4.507	4.534	4.554	4.587	4.635	4.656	4.677	4.713	4.726	4.757	0.8%
Metallurgical Coal	4.054	3.984	4.061	4.085	4.153	4.200	4.246	4.270	4.308	4.354	4.408	4.421	4.462	4.497	4.533	4.575	4.608	4.646	4.675	4.707	4.739	4.766	4.793	4.816	0.8%
Steam Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	0.061	0.061	0.063	0.062	0.063	0.063	0.063	0.063	0.064	0.065	0.066	0.067	0.067	0.068	0.069	0.069	0.070	0.071	0.072	0.073	0.074	0.074	0.075	0.075	0.9%
Coal Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Renewable Energy 7/ Electricity	0.061	0.061	0.063	0.062	0.063	0.063	0.063	0.063	0.064	0.065	0.066	0.067	0.067	0.068	0.069	0.069	0.070	0.071	0.072	0.073	0.074	0.074	0.075	0.075	0.9%
Delivered Energy	0.197	0.203	0.205	0.209	0.213	0.216	0.218	0.221	0.226	0.231	0.236	0.240	0.245	0.249	0.252	0.256	0.259	0.263	0.267	0.270	0.273	0.276	0.279	0.282	1.6%
Electricity Related Losses	0.495	0.498	0.500	0.522	0.533	0.542	0.544	0.548	0.557	0.569	0.580	0.587	0.594	0.601	0.607	0.613	0.619	0.626	0.636	0.640	0.647	0.653	0.658	0.662	1.3%
Total	8.739	8.647	8.783	8.963	9.098	9.211	9.253	9.303	9.403	9.516	9.636	9.710	9.811	9.902	9.968	10.048	10.111	10.194	10.285	10.345	10.410	10.483	10.531	10.592	0.8%
Electricity Related Losses	1.070	1.030	1.023	1.056	1.087	1.101	1.089	1.060	1.065	1.076	1.083	1.090	1.092	1.096	1.101	1.100	1.098	1.103	1.103	1.092	1.091	1.085	1.063	1.055	-0.1%
Total	9.809	9.678	9.806	10.018	10.185	10.312	10.341	10.363	10.467	10.591	10.719	10.800	10.903	10.998	11.069	11.147	11.209	11.296	11.388	11.437	11.501	11.568	11.594	11.647	0.7%

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 07 - West South Central																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Transportation																									
Distillate Fuel 8/	0.713	0.764	0.774	0.792	0.811	0.826	0.842	0.857	0.874	0.891	0.907	0.921	0.936	0.950	0.961	0.973	0.983	0.997	1.011	1.021	1.032	1.043	1.054	1.064	1.8%
Jet Fuel 9/	0.709	0.703	0.722	0.821	0.841	0.869	0.895	0.926	0.958	0.994	1.028	1.067	1.103	1.137	1.166	1.198	1.225	1.258	1.287	1.319	1.348	1.381	1.410	1.438	3.1%
Motor Gasoline 2/	1.769	1.807	1.833	1.890	1.932	1.971	2.010	2.045	2.084	2.121	2.158	2.191	2.224	2.257	2.278	2.298	2.318	2.339	2.360	2.378	2.401	2.421	2.443	2.464	1.5%
Residual Fuel	0.220	0.179	0.213	0.220	0.226	0.234	0.242	0.249	0.258	0.267	0.276	0.285	0.295	0.305	0.314	0.322	0.331	0.339	0.349	0.358	0.366	0.375	0.384	0.394	2.6%
Liquefied Petroleum Gas	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.012	0.014	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.022	0.023	0.024	0.024	0.025	0.025	0.026	0.026	7.7%
Other Petroleum 10/	0.044	0.046	0.046	0.047	0.048	0.048	0.049	0.049	0.050	0.051	0.052	0.052	0.053	0.054	0.055	0.055	0.056	0.056	0.057	0.057	0.058	0.058	0.058	0.059	1.2%
Petroleum Subtotal	3.460	3.504	3.593	3.776	3.866	3.957	4.048	4.138	4.239	4.340	4.438	4.535	4.629	4.723	4.795	4.867	4.934	5.012	5.087	5.157	5.229	5.304	5.375	5.443	2.0%
Pipeline Fuel Natural Gas	0.195	0.200	0.196	0.196	0.200	0.203	0.207	0.208	0.214	0.217	0.221	0.222	0.225	0.228	0.230	0.232	0.234	0.236	0.237	0.239	0.240	0.239	0.239	0.238	0.9%
Compressed Natural Gas	0.002	0.003	0.004	0.007	0.009	0.012	0.015	0.018	0.020	0.022	0.024	0.026	0.027	0.029	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.039	0.040	15.2%
Renewables (E85) 11/	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.009	24.3%
M85 12/	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.007	0.007	0.007	0.007	0.007	0.007	0.009	0.010	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	0.021	0.022	0.023	0.024	0.025	0.026	6.1%
Delivered Energy	3.663	3.715	3.802	3.988	4.087	4.185	4.286	4.383	4.493	4.602	4.708	4.810	4.911	5.011	5.089	5.167	5.238	5.320	5.400	5.474	5.549	5.626	5.698	5.768	2.0%
Electricity Related Losses	0.014	0.014	0.014	0.014	0.014	0.015	0.018	0.020	0.022	0.024	0.026	0.028	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.039	0.040	0.040	0.041	4.7%
Total	3.677	3.728	3.816	4.002	4.101	4.200	4.303	4.403	4.515	4.626	4.734	4.838	4.940	5.043	5.121	5.201	5.273	5.357	5.437	5.513	5.588	5.666	5.739	5.809	2.0%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	0.929	0.972	0.986	1.007	1.029	1.048	1.067	1.086	1.108	1.128	1.146	1.163	1.180	1.198	1.211	1.226	1.238	1.254	1.272	1.283	1.296	1.309	1.323	1.334	1.6%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.3%
Jet Fuel 9/	0.709	0.703	0.722	0.821	0.841	0.869	0.895	0.926	0.958	0.994	1.028	1.067	1.103	1.137	1.166	1.198	1.225	1.258	1.287	1.319	1.348	1.381	1.410	1.438	3.1%
Liquefied Petroleum Gas	1.708	1.684	1.711	1.738	1.769	1.798	1.808	1.826	1.855	1.882	1.909	1.937	1.960	1.983	2.001	2.022	2.038	2.060	2.086	2.104	2.119	2.140	2.153	2.170	1.0%
Motor Gasoline 2/	1.806	1.844	1.870	1.928	1.971	2.011	2.051	2.087	2.127	2.165	2.202	2.236	2.269	2.304	2.325	2.345	2.366	2.388	2.409	2.428	2.451	2.472	2.494	2.515	1.5%
Petrochemical Feedstocks	0.744	0.731	0.743	0.751	0.758	0.757	0.747	0.740	0.738	0.749	0.759	0.767	0.775	0.784	0.790	0.799	0.805	0.813	0.822	0.829	0.837	0.846	0.851	0.858	0.6%
Residual Fuel	0.238	0.195	0.229	0.238	0.245	0.252	0.261	0.268	0.277	0.286	0.295	0.305	0.314	0.325	0.335	0.343	0.351	0.361	0.371	0.380	0.389	0.398	0.406	0.417	2.5%
Other Petroleum 13/	1.312	1.326	1.337	1.428	1.439	1.459	1.446	1.452	1.467	1.476	1.486	1.499	1.511	1.521	1.513	1.510	1.506	1.505	1.515	1.510	1.506	1.510	1.504	1.507	0.6%
Petroleum Subtotal	7.449	7.458	7.600	7.914	8.054	8.197	8.278	8.388	8.534	8.683	8.829	8.976	9.116	9.253	9.345	9.445	9.532	9.642	9.766	9.856	9.948	10.060	10.144	10.241	1.4%
Natural Gas 6/	5.009	4.898	5.039	5.071	5.150	5.209	5.267	5.303	5.352	5.408	5.474	5.497	5.547	5.594	5.642	5.698	5.741	5.790	5.827	5.868	5.905	5.938	5.969	5.997	0.8%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.062	0.061	0.063	0.062	0.063	0.064	0.064	0.064	0.064	0.066	0.067	0.067	0.068	0.068	0.069	0.069	0.070	0.071	0.072	0.073	0.074	0.075	0.075	0.076	0.9%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.062	0.061	0.063	0.062	0.063	0.064	0.064	0.064	0.064	0.066	0.067	0.067	0.068	0.068	0.069	0.069	0.070	0.071	0.072	0.073	0.074	0.075	0.075	0.076	0.9%
Renewable Energy 14/	0.229	0.231	0.236	0.241	0.246	0.250	0.253	0.257	0.262	0.268	0.273	0.279	0.284	0.289	0.294	0.298	0.302	0.306	0.311	0.314	0.318	0.322	0.325	0.329	1.6%
M85 12/	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	1.441	1.473	1.500	1.546	1.579	1.602	1.617	1.634	1.655	1.682	1.709	1.736	1.760	1.786	1.818	1.849	1.875	1.904	1.932	1.958	1.980	2.004	2.025	2.049	1.5%
Delivered Energy	14.189	14.121	14.440	14.837	15.096	15.325	15.484	15.650	15.873	16.113	16.359	16.562	16.784	16.999	17.177	17.369	17.530	17.724	17.919	18.080	18.238	18.409	18.550	18.705	1.2%
Electricity Related Losses	3.112	3.049	3.066	3.129	3.219	3.253	3.235	3.163	3.163	3.178	3.192	3.224	3.234	3.254	3.296	3.314	3.327	3.352	3.354	3.342	3.339	3.327	3.272	3.264	0.2%
Total	17.301	17.170	17.506	17.965	18.314	18.578	18.719	18.813	19.037	19.291	19.552	19.787	20.018	20.252	20.473	20.684	20.857	21.076	21.273	21.423	21.577	21.736	21.822	21.969	1.0%

Table 7. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 07 - West South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.000	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.2%
Residual Fuel	0.010	0.100	0.097	0.084	0.073	0.036	0.010	0.005	0.003	0.002	0.000	0.003	0.001	0.002	0.003	0.004	0.004	0.006	0.007	0.003	0.003	0.003	0.003	0.003	-5.2%
Petroleum Subtotal	0.010	0.102	0.100	0.087	0.076	0.039	0.012	0.007	0.005	0.005	0.003	0.005	0.003	0.005	0.006	0.007	0.007	0.008	0.010	0.005	0.006	0.006	0.006	0.006	-2.6%
Natural Gas	1.527	1.259	1.282	1.327	1.443	1.526	1.546	1.494	1.514	1.554	1.597	1.653	1.688	1.731	1.801	1.847	1.882	1.961	2.041	2.101	2.110	2.131	2.124	2.124	1.4%
Steam Coal	2.262	2.379	2.393	2.452	2.461	2.463	2.464	2.465	2.466	2.467	2.468	2.469	2.470	2.470	2.470	2.470	2.470	2.471	2.471	2.473	2.476	2.482	2.489	2.498	0.4%
Nuclear Power	0.597	0.626	0.646	0.654	0.662	0.669	0.671	0.673	0.673	0.674	0.673	0.673	0.672	0.671	0.670	0.669	0.668	0.636	0.580	0.530	0.530	0.508	0.467	0.467	-1.1%
Renewable Energy 16/	0.158	0.157	0.149	0.158	0.160	0.162	0.162	0.163	0.163	0.164	0.166	0.167	0.168	0.170	0.174	0.178	0.182	0.187	0.191	0.197	0.204	0.211	0.219	0.226	1.6%
Electricity Imports 17/	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.005	-0.005	-0.005	-0.006	-0.006	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	5.2%
Total	4.552	4.521	4.567	4.675	4.798	4.855	4.852	4.797	4.818	4.860	4.902	4.960	4.994	5.039	5.114	5.164	5.203	5.256	5.287	5.300	5.319	5.331	5.297	5.313	0.7%
Total Energy Consumption																									
Distillate Fuel	0.929	0.975	0.989	1.010	1.032	1.051	1.070	1.089	1.111	1.130	1.148	1.166	1.183	1.201	1.214	1.228	1.241	1.257	1.275	1.286	1.299	1.312	1.326	1.337	1.6%
Kerosene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.3%
Jet Fuel 9/	0.709	0.703	0.722	0.821	0.841	0.869	0.895	0.926	0.958	0.994	1.028	1.067	1.103	1.137	1.166	1.198	1.225	1.258	1.287	1.319	1.348	1.381	1.410	1.438	3.1%
Liquefied Petroleum Gas	1.708	1.684	1.711	1.738	1.769	1.798	1.808	1.826	1.855	1.882	1.909	1.937	1.960	1.983	2.001	2.022	2.038	2.060	2.086	2.104	2.119	2.140	2.153	2.170	1.0%
Motor Gasoline 2/	1.806	1.844	1.870	1.928	1.971	2.011	2.051	2.087	2.127	2.165	2.202	2.236	2.269	2.304	2.325	2.345	2.366	2.388	2.409	2.428	2.451	2.472	2.494	2.515	1.5%
Petrochemical Feedstocks	0.744	0.731	0.743	0.751	0.758	0.757	0.747	0.740	0.738	0.749	0.759	0.767	0.775	0.784	0.790	0.799	0.805	0.813	0.822	0.829	0.837	0.846	0.851	0.858	0.6%
Residual Fuel	0.247	0.295	0.326	0.322	0.318	0.288	0.270	0.273	0.280	0.288	0.295	0.307	0.315	0.327	0.338	0.347	0.355	0.367	0.378	0.382	0.392	0.401	0.409	0.419	2.3%
Other Petroleum 13/	1.312	1.326	1.337	1.428	1.439	1.459	1.446	1.452	1.476	1.486	1.499	1.511	1.521	1.513	1.510	1.506	1.505	1.515	1.515	1.510	1.506	1.510	1.504	1.507	0.6%
Petroleum Subtotal	7.459	7.560	7.700	8.001	8.130	8.236	8.290	8.395	8.539	8.688	8.832	8.981	9.119	9.258	9.351	9.452	9.539	9.650	9.775	9.861	9.954	10.066	10.149	10.247	1.4%
Natural Gas	6.536	6.157	6.321	6.398	6.593	6.735	6.814	6.796	6.867	6.963	7.071	7.150	7.235	7.324	7.444	7.545	7.623	7.751	7.868	7.969	8.016	8.069	8.093	8.121	0.9%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	2.324	2.441	2.456	2.514	2.524	2.526	2.528	2.529	2.531	2.533	2.535	2.536	2.537	2.538	2.539	2.539	2.540	2.542	2.544	2.547	2.550	2.556	2.564	2.574	0.4%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	2.324	2.441	2.456	2.514	2.524	2.526	2.528	2.529	2.531	2.533	2.535	2.536	2.537	2.538	2.539	2.539	2.540	2.542	2.544	2.547	2.550	2.556	2.564	2.574	0.4%
Nuclear Power	0.597	0.626	0.646	0.654	0.662	0.669	0.671	0.673	0.673	0.674	0.673	0.673	0.672	0.671	0.670	0.669	0.668	0.636	0.580	0.530	0.530	0.508	0.467	0.467	-1.1%
Renewable Energy 18/	0.387	0.387	0.386	0.400	0.406	0.412	0.415	0.419	0.425	0.432	0.439	0.445	0.452	0.459	0.467	0.476	0.483	0.493	0.502	0.512	0.522	0.533	0.544	0.554	1.6%
M85 12/	0.000	0.001	0.001	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.005	-0.005	-0.005	-0.006	-0.006	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	5.2%
Total	17.301	17.170	17.506	17.965	18.314	18.578	18.719	18.813	19.037	19.291	19.552	19.787	20.018	20.252	20.473	20.684	20.857	21.076	21.273	21.423	21.577	21.736	21.822	21.968	1.0%
Energy Use & Related Statistics																									
Delivered Energy Use	14.189	14.121	14.440	14.837	15.096	15.325	15.484	15.650	15.873	16.113	16.359	16.562	16.784	16.999	17.177	17.369	17.530	17.724	17.919	18.080	18.238	18.409	18.550	18.705	1.2%
Total Energy Use	17.301	17.170	17.506	17.965	18.314	18.578	18.719	18.813	19.037	19.291	19.552	19.787	20.018	20.252	20.473	20.684	20.857	21.076	21.273	21.423	21.577	21.736	21.822	21.969	1.0%
Population (millions)	29.708	30.074	30.392	30.699	31.019	31.350	31.694	32.050	32.413	32.774	33.133	33.497	33.869	34.248	34.633	35.022	35.413	35.805	36.194	36.579	36.965	37.356	37.748	38.140	1.1%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric ton)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 7. Energy Consumption by Sector and Source (07 - West South Central) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 08 - Mountain																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																									
Residential																									
Distillate Fuel	0.008	0.007	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	-2.6%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.6%
Liquefied Petroleum Gas	0.025	0.025	0.025	0.026	0.026	0.026	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.023	0.023	-0.3%
Petroleum Subtotal	0.033	0.032	0.033	0.034	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030	0.030	0.029	0.029	0.029	0.029	0.028	0.028	0.028	-0.8%
Natural Gas	0.293	0.271	0.296	0.306	0.314	0.323	0.331	0.341	0.349	0.356	0.366	0.377	0.387	0.398	0.407	0.417	0.425	0.434	0.441	0.449	0.455	0.461	0.467	0.475	2.1%
Coal	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	-1.4%
Renewable Energy 1/ Electricity	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.036	0.037	0.037	0.037	0.038	0.038	0.039	0.039	0.039	0.040	0.040	1.1%
Delivered Energy	0.199	0.205	0.212	0.223	0.234	0.241	0.248	0.255	0.261	0.268	0.275	0.284	0.291	0.299	0.307	0.314	0.320	0.327	0.335	0.343	0.350	0.356	0.363	0.371	2.7%
Electricity Related Losses	0.561	0.544	0.576	0.599	0.618	0.635	0.650	0.667	0.679	0.694	0.710	0.730	0.747	0.766	0.783	0.801	0.815	0.831	0.846	0.863	0.874	0.888	0.901	0.917	2.2%
Total	0.675	0.760	0.803	0.822	0.836	0.837	0.834	0.839	0.847	0.869	0.897	0.909	0.928	0.949	0.978	0.993	1.014	1.027	1.045	1.065	1.078	1.096	1.128	1.138	2.3%
Total	1.236	1.304	1.379	1.422	1.454	1.472	1.484	1.506	1.526	1.563	1.607	1.639	1.675	1.716	1.761	1.794	1.829	1.858	1.891	1.927	1.952	1.984	2.029	2.054	2.2%
Commercial																									
Distillate Fuel	0.020	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	-0.8%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.4%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.2%
Liquefied Petroleum Gas	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.6%
Motor Gasoline 2/ Petroleum Subtotal	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.3%
Natural Gas	0.026	0.021	0.021	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	-0.3%
Coal	0.221	0.211	0.232	0.238	0.242	0.247	0.251	0.255	0.259	0.262	0.267	0.272	0.277	0.282	0.288	0.293	0.299	0.303	0.307	0.311	0.314	0.317	0.319	0.322	1.6%
Renewable Energy 3/ Electricity	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	1.9%
Delivered Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Related Losses	0.232	0.234	0.238	0.246	0.253	0.260	0.266	0.272	0.277	0.283	0.290	0.297	0.304	0.310	0.319	0.326	0.332	0.340	0.346	0.353	0.359	0.364	0.369	0.373	2.1%
Total	0.483	0.470	0.496	0.510	0.522	0.534	0.544	0.554	0.564	0.573	0.584	0.596	0.609	0.621	0.635	0.648	0.661	0.673	0.683	0.694	0.703	0.711	0.719	0.726	1.8%
Electricity Related Losses	0.786	0.864	0.904	0.907	0.905	0.901	0.895	0.894	0.901	0.918	0.944	0.950	0.968	0.985	1.015	1.029	1.053	1.065	1.081	1.094	1.106	1.119	1.145	1.144	1.6%
Total	1.270	1.334	1.400	1.417	1.427	1.435	1.439	1.448	1.464	1.491	1.529	1.547	1.577	1.606	1.651	1.678	1.714	1.738	1.764	1.788	1.809	1.830	1.864	1.870	1.7%
Industrial 4/																									
Distillate Fuel	0.116	0.115	0.116	0.119	0.123	0.126	0.129	0.132	0.135	0.137	0.139	0.141	0.143	0.145	0.146	0.148	0.149	0.151	0.153	0.155	0.156	0.158	0.159	0.161	1.4%
Liquefied Petroleum Gas	0.050	0.049	0.050	0.051	0.052	0.053	0.054	0.055	0.055	0.056	0.057	0.058	0.058	0.059	0.060	0.060	0.061	0.061	0.062	0.062	0.063	0.064	0.064	0.065	1.2%
Petrochemical Feedstocks	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.5%
Residual Fuel	0.006	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	2.1%
Motor Gasoline 2/ Other Petroleum 5/ Petroleum Subtotal	0.020	0.020	0.020	0.020	0.021	0.021	0.022	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.026	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.028	0.029	1.6%
Natural Gas 6/ Metallurgical Coal	0.162	0.161	0.163	0.151	0.152	0.156	0.157	0.159	0.162	0.166	0.170	0.173	0.177	0.179	0.181	0.182	0.183	0.184	0.186	0.188	0.190	0.191	0.193	0.195	0.8%
Steam Coal	0.355	0.353	0.358	0.351	0.357	0.365	0.371	0.377	0.386	0.393	0.400	0.406	0.413	0.419	0.423	0.426	0.429	0.434	0.440	0.444	0.448	0.453	0.457	0.462	1.1%
Net Coal Coke Imports	0.463	0.436	0.454	0.469	0.481	0.491	0.508	0.516	0.523	0.530	0.536	0.542	0.548	0.555	0.563	0.575	0.585	0.599	0.612	0.625	0.638	0.651	0.657	0.659	1.5%
Coal Subtotal	0.024	0.023	0.024	0.023	0.023	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.017	0.017	0.017	0.016	0.016	0.016	0.016	-1.7%
Renewable Energy 7/ Electricity	0.127	0.125	0.127	0.127	0.129	0.130	0.131	0.132	0.133	0.134	0.135	0.135	0.136	0.136	0.136	0.137	0.138	0.140	0.141	0.142	0.143	0.144	0.145	0.145	0.6%
Delivered Energy	0.000	0.003	0.003	0.004	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	0.012	16.0%
Electricity Related Losses	0.151	0.151	0.154	0.154	0.156	0.158	0.159	0.159	0.160	0.162	0.163	0.164	0.164	0.164	0.164	0.164	0.165	0.167	0.168	0.169	0.170	0.171	0.173	0.174	0.6%
Total	0.067	0.069	0.069	0.071	0.072	0.074	0.075	0.077	0.078	0.080	0.082	0.083	0.085	0.086	0.088	0.089	0.090	0.091	0.093	0.093	0.094	0.096	0.097	0.097	1.6%
Delivered Energy	0.225	0.230	0.231	0.232	0.237	0.241	0.244	0.246	0.252	0.258	0.263	0.267	0.271	0.275	0.278	0.282	0.286	0.291	0.295	0.298	0.304	0.308	0.312	0.316	1.5%
Electricity Related Losses	1.262	1.240	1.267	1.276	1.303	1.328	1.356	1.375	1.399	1.422	1.443	1.462	1.481	1.500	1.515	1.536	1.556	1.582	1.608	1.630	1.655	1.678	1.695	1.708	1.3%
Total	0.763	0.850	0.878	0.853	0.847	0.834	0.819	0.812	0.818	0.836	0.857	0.855	0.865	0.874	0.887	0.891	0.906	0.912	0.922	0.925	0.938	0.947	0.970	0.968	1.0%
Total	2.025	2.090	2.145	2.129	2.150	2.162	2.175	2.186	2.218	2.259	2.300	2.317	2.346	2.374	2.402	2.426	2.462	2.494	2.530	2.555	2.594	2.625	2.665	2.677	1.2%

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 08 - Mountain																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Transportation																									
Distillate Fuel 8/	0.341	0.366	0.371	0.388	0.407	0.420	0.432	0.441	0.453	0.464	0.474	0.484	0.496	0.507	0.517	0.529	0.539	0.551	0.564	0.575	0.587	0.599	0.610	0.621	2.6%
Jet Fuel 9/	0.197	0.195	0.201	0.227	0.235	0.243	0.252	0.261	0.270	0.281	0.291	0.303	0.314	0.325	0.335	0.346	0.355	0.366	0.377	0.389	0.399	0.411	0.422	0.433	3.5%
Motor Gasoline 2/	0.954	0.975	0.989	1.044	1.086	1.124	1.157	1.185	1.214	1.241	1.269	1.296	1.324	1.354	1.377	1.400	1.424	1.448	1.473	1.497	1.525	1.551	1.578	1.604	2.3%
Residual Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Liquefied Petroleum Gas	0.003	0.003	0.004	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.018	8.3%
Other Petroleum 10/	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.025	0.026	0.027	0.027	0.028	0.028	0.029	0.030	0.030	0.031	0.031	0.032	0.033	0.033	0.034	0.034	0.035	2.5%
Petroleum Subtotal	1.516	1.561	1.586	1.685	1.757	1.817	1.872	1.920	1.972	2.022	2.072	2.122	2.174	2.228	2.273	2.319	2.363	2.413	2.463	2.511	2.561	2.612	2.662	2.711	2.6%
Pipeline Fuel Natural Gas	0.079	0.089	0.095	0.097	0.103	0.105	0.111	0.112	0.113	0.113	0.113	0.114	0.115	0.115	0.117	0.119	0.121	0.125	0.129	0.133	0.137	0.141	0.143	0.143	2.6%
Compressed Natural Gas	0.001	0.002	0.003	0.004	0.006	0.008	0.009	0.011	0.013	0.014	0.016	0.017	0.019	0.020	0.021	0.023	0.024	0.025	0.026	0.028	0.029	0.030	0.031	0.031	16.2%
Renewables (E85) 11/	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.006	25.5%
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.009	0.009	23.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.007	0.008	0.009	0.009	0.010	0.011	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.017	0.017	7.1%
Delivered Energy	1.600	1.656	1.689	1.792	1.871	1.937	2.002	2.055	2.110	2.164	2.217	2.271	2.326	2.384	2.432	2.483	2.532	2.588	2.645	2.699	2.755	2.812	2.866	2.917	2.6%
Electricity Related Losses	0.012	0.014	0.015	0.015	0.015	0.015	0.018	0.021	0.023	0.025	0.028	0.030	0.032	0.034	0.036	0.038	0.040	0.042	0.044	0.046	0.047	0.049	0.052	0.054	6.6%
Total	1.612	1.669	1.703	1.807	1.886	1.952	2.019	2.075	2.133	2.189	2.245	2.300	2.358	2.418	2.468	2.521	2.572	2.630	2.688	2.744	2.803	2.862	2.918	2.971	2.7%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	0.486	0.503	0.510	0.530	0.553	0.568	0.583	0.595	0.609	0.622	0.634	0.646	0.659	0.673	0.685	0.697	0.709	0.724	0.739	0.751	0.764	0.778	0.791	0.803	2.2%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.0%
Jet Fuel 9/	0.197	0.195	0.201	0.227	0.235	0.243	0.252	0.261	0.270	0.281	0.291	0.303	0.314	0.325	0.335	0.346	0.355	0.366	0.377	0.389	0.399	0.411	0.422	0.433	3.5%
Liquefied Petroleum Gas	0.082	0.081	0.083	0.085	0.088	0.090	0.092	0.094	0.095	0.097	0.098	0.100	0.101	0.102	0.103	0.105	0.105	0.107	0.108	0.109	0.110	0.111	0.112	0.113	1.4%
Motor Gasoline 2/	0.976	0.996	1.010	1.065	1.108	1.146	1.180	1.209	1.239	1.266	1.295	1.322	1.351	1.381	1.404	1.427	1.451	1.476	1.502	1.526	1.554	1.581	1.607	1.634	2.3%
Petrochemical Feedstocks	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.5%
Residual Fuel	0.006	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	2.1%
Other Petroleum 13/	0.181	0.182	0.184	0.174	0.175	0.180	0.181	0.184	0.188	0.192	0.197	0.200	0.204	0.208	0.210	0.211	0.213	0.215	0.218	0.221	0.222	0.225	0.227	0.230	1.0%
Petroleum Subtotal	1.930	1.967	1.999	2.092	2.169	2.238	2.298	2.353	2.412	2.469	2.526	2.583	2.641	2.701	2.749	2.798	2.846	2.900	2.956	3.008	3.062	3.118	3.172	3.225	2.3%
Natural Gas 6/	1.058	1.009	1.079	1.114	1.146	1.174	1.211	1.236	1.256	1.276	1.297	1.322	1.345	1.371	1.396	1.428	1.454	1.487	1.516	1.545	1.573	1.599	1.617	1.630	1.9%
Metallurgical Coal	0.024	0.023	0.024	0.023	0.023	0.022	0.022	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.016	0.016	0.016	-1.7%
Steam Coal	0.134	0.133	0.135	0.135	0.136	0.138	0.139	0.139	0.140	0.141	0.142	0.143	0.143	0.144	0.144	0.145	0.145	0.147	0.148	0.149	0.150	0.152	0.153	0.154	0.6%
Net Coal Coke Imports	0.000	0.003	0.003	0.004	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	0.013	16.0%
Coal Subtotal	0.158	0.159	0.162	0.162	0.164	0.166	0.167	0.167	0.168	0.170	0.171	0.172	0.172	0.172	0.172	0.173	0.174	0.175	0.177	0.178	0.179	0.180	0.182	0.183	0.6%
Renewable Energy 14/	0.099	0.101	0.102	0.104	0.106	0.109	0.111	0.113	0.115	0.117	0.120	0.122	0.124	0.126	0.128	0.130	0.132	0.134	0.136	0.137	0.139	0.140	0.142	0.143	1.6%
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.009	23.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.660	0.673	0.685	0.705	0.728	0.746	0.763	0.779	0.797	0.817	0.837	0.856	0.876	0.895	0.915	0.934	0.951	0.971	0.990	1.009	1.028	1.044	1.061	1.078	2.2%
Delivered Energy	3.905	3.910	4.028	4.178	4.315	4.434	4.552	4.651	4.752	4.853	4.954	5.059	5.162	5.271	5.366	5.468	5.563	5.674	5.782	5.885	5.988	6.090	6.181	6.268	2.1%
Electricity Related Losses	2.237	2.487	2.599	2.597	2.603	2.587	2.566	2.566	2.588	2.649	2.726	2.745	2.794	2.842	2.916	2.951	3.013	3.046	3.092	3.130	3.169	3.211	3.295	3.303	1.7%
Total	6.142	6.397	6.627	6.775	6.918	7.021	7.118	7.216	7.341	7.502	7.681	7.804	7.956	8.113	8.282	8.419	8.576	8.719	8.874	9.014	9.158	9.301	9.477	9.571	1.9%

Table 8. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 08 - Mountain																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.003	0.008	0.008	0.008	0.008	0.007	0.007	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.8%
Residual Fuel	0.000	0.011	0.009	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-9.2%
Petroleum Subtotal	0.003	0.019	0.017	0.011	0.009	0.007	0.007	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-1.9%
Natural Gas	0.130	0.328	0.347	0.326	0.340	0.337	0.322	0.322	0.331	0.359	0.385	0.418	0.446	0.465	0.493	0.514	0.534	0.553	0.577	0.585	0.579	0.594	0.607	0.544	6.4%
Steam Coal	2.054	2.110	2.236	2.248	2.260	2.261	2.270	2.288	2.317	2.367	2.437	2.443	2.482	2.531	2.596	2.628	2.687	2.721	2.762	2.810	2.874	2.917	3.005	3.093	1.8%
Nuclear Power	0.256	0.269	0.280	0.286	0.291	0.296	0.298	0.299	0.301	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.7%
Renewable Energy 16/	0.453	0.433	0.405	0.431	0.431	0.432	0.433	0.433	0.434	0.435	0.436	0.436	0.437	0.437	0.438	0.438	0.438	0.439	0.439	0.439	0.439	0.440	0.440	0.440	-0.1%
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	2.897	3.160	3.285	3.302	3.331	3.333	3.329	3.345	3.386	3.466	3.563	3.601	3.670	3.737	3.831	3.885	3.964	4.017	4.082	4.139	4.197	4.255	4.356	4.381	1.8%
Total Energy Consumption																									
Distillate Fuel	0.488	0.512	0.518	0.539	0.561	0.575	0.589	0.597	0.611	0.624	0.636	0.648	0.661	0.675	0.686	0.699	0.711	0.725	0.740	0.753	0.766	0.779	0.792	0.805	2.2%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.0%
Jet Fuel 9/	0.197	0.195	0.201	0.227	0.235	0.243	0.252	0.261	0.270	0.281	0.291	0.303	0.314	0.325	0.335	0.346	0.355	0.366	0.377	0.389	0.399	0.411	0.422	0.433	3.5%
Liquefied Petroleum Gas	0.082	0.081	0.083	0.085	0.088	0.090	0.092	0.094	0.095	0.097	0.098	0.100	0.101	0.102	0.103	0.105	0.105	0.107	0.108	0.109	0.110	0.111	0.112	0.113	1.4%
Motor Gasoline 2/	0.976	0.996	1.010	1.065	1.108	1.146	1.180	1.209	1.239	1.266	1.295	1.322	1.351	1.381	1.404	1.427	1.451	1.476	1.502	1.526	1.554	1.581	1.607	1.634	2.3%
Petrochemical Feedstocks	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.5%
Residual Fuel	0.006	0.018	0.017	0.011	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	2.1%
Other Petroleum 13/	0.181	0.182	0.184	0.174	0.175	0.180	0.181	0.184	0.188	0.192	0.197	0.200	0.204	0.208	0.210	0.211	0.213	0.215	0.218	0.221	0.222	0.225	0.227	0.230	1.0%
Petroleum Subtotal	1.933	1.987	2.015	2.103	2.178	2.245	2.305	2.355	2.414	2.471	2.528	2.584	2.643	2.703	2.751	2.800	2.848	2.902	2.958	3.010	3.064	3.120	3.174	3.227	2.3%
Natural Gas	1.188	1.337	1.427	1.440	1.486	1.510	1.532	1.557	1.588	1.635	1.683	1.740	1.791	1.836	1.888	1.942	1.989	2.040	2.093	2.130	2.152	2.193	2.224	2.174	2.7%
Metallurgical Coal	0.024	0.023	0.024	0.023	0.023	0.022	0.022	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.016	0.016	0.016	-1.7%
Steam Coal	2.188	2.243	2.371	2.383	2.396	2.399	2.409	2.427	2.457	2.508	2.579	2.586	2.626	2.675	2.741	2.773	2.833	2.868	2.911	2.960	3.024	3.069	3.158	3.247	1.7%
Net Coal Coke Imports	0.000	0.003	0.003	0.004	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.012	0.013	16.0%
Coal Subtotal	2.212	2.269	2.397	2.410	2.424	2.427	2.437	2.455	2.485	2.537	2.608	2.614	2.654	2.703	2.769	2.801	2.861	2.896	2.939	2.988	3.053	3.098	3.186	3.275	1.7%
Nuclear Power	0.256	0.269	0.280	0.286	0.291	0.296	0.298	0.299	0.301	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.7%
Renewable Energy 18/	0.552	0.534	0.507	0.535	0.538	0.541	0.543	0.546	0.549	0.552	0.555	0.558	0.561	0.563	0.565	0.568	0.570	0.572	0.574	0.576	0.578	0.580	0.582	0.583	0.2%
M85 12/	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.009	23.3%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	6.142	6.397	6.627	6.775	6.918	7.021	7.118	7.216	7.341	7.502	7.681	7.804	7.956	8.113	8.282	8.419	8.576	8.719	8.874	9.014	9.158	9.301	9.477	9.571	1.9%
Energy Use & Related Statistics																									
Delivered Energy Use	3.905	3.910	4.028	4.178	4.315	4.434	4.552	4.651	4.752	4.853	4.954	5.059	5.162	5.271	5.366	5.468	5.563	5.674	5.782	5.885	5.988	6.090	6.181	6.268	2.1%
Total Energy Use	6.142	6.397	6.627	6.775	6.918	7.021	7.118	7.216	7.341	7.502	7.681	7.804	7.956	8.113	8.282	8.419	8.576	8.719	8.874	9.014	9.158	9.301	9.477	9.571	1.9%
Population (millions)	16.537	16.875	17.337	17.842	18.263	18.656	19.000	19.322	19.625	19.927	20.240	20.575	20.940	21.322	21.723	22.136	22.552	22.973	23.401	23.840	24.287	24.738	25.187	25.640	1.9%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 8. Energy Consumption by Sector and Source (08 - Mountain) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 09 - Pacific																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																									
Residential																									
Distillate Fuel	0.031	0.028	0.029	0.028	0.027	0.026	0.025	0.025	0.024	0.023	0.022	0.022	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.018	-2.2%
Kerosene	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-2.8%
Liquefied Petroleum Gas	0.029	0.028	0.029	0.031	0.032	0.033	0.035	0.036	0.037	0.039	0.040	0.042	0.043	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.048	2.2%
Petroleum Subtotal	0.061	0.058	0.059	0.060	0.060	0.061	0.061	0.061	0.062	0.062	0.063	0.064	0.065	0.066	0.066	0.066	0.066	0.066	0.066	0.067	0.067	0.067	0.067	0.067	0.4%
Natural Gas	0.644	0.595	0.649	0.650	0.648	0.650	0.652	0.658	0.660	0.664	0.671	0.680	0.686	0.694	0.705	0.717	0.726	0.737	0.745	0.754	0.759	0.765	0.772	0.780	0.8%
Coal	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.8%
Renewable Energy 1/ Electricity	0.088	0.103	0.098	0.098	0.098	0.098	0.098	0.099	0.099	0.099	0.099	0.100	0.100	0.100	0.100	0.101	0.101	0.102	0.102	0.103	0.103	0.103	0.104	0.104	0.8%
Delivered Energy	1.237	1.214	1.278	1.294	1.303	1.311	1.316	1.330	1.335	1.345	1.357	1.372	1.382	1.397	1.415	1.436	1.452	1.469	1.486	1.506	1.519	1.534	1.550	1.570	1.0%
Electricity Related Losses	0.751	0.722	0.728	0.755	0.790	0.788	0.790	0.788	0.797	0.790	0.779	0.789	0.791	0.791	0.782	0.794	0.778	0.786	0.788	0.795	0.807	0.814	0.801	0.818	0.4%
Total	1.988	1.936	2.006	2.049	2.093	2.099	2.106	2.118	2.132	2.135	2.136	2.162	2.173	2.187	2.197	2.230	2.230	2.256	2.273	2.302	2.326	2.348	2.351	2.387	0.8%
Commercial																									
Distillate Fuel	0.032	0.024	0.024	0.026	0.026	0.027	0.027	0.028	0.028	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.026	0.026	-0.8%
Residual Fuel	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.2%
Liquefied Petroleum Gas	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.8%
Motor Gasoline 2/ Petroleum Subtotal	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	-0.3%
Natural Gas	0.409	0.390	0.428	0.427	0.430	0.432	0.434	0.437	0.440	0.444	0.449	0.454	0.460	0.465	0.471	0.476	0.481	0.485	0.488	0.491	0.493	0.495	0.496	0.496	0.8%
Coal	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	1.0%
Renewable Energy 3/ Electricity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.6%
Delivered Energy	0.921	0.910	0.958	0.968	0.979	0.992	1.001	1.013	1.024	1.034	1.047	1.059	1.073	1.087	1.101	1.114	1.126	1.137	1.145	1.153	1.161	1.165	1.172	1.177	1.1%
Electricity Related Losses	0.792	0.761	0.760	0.779	0.810	0.814	0.822	0.822	0.838	0.833	0.828	0.842	0.852	0.855	0.847	0.858	0.841	0.849	0.845	0.845	0.854	0.855	0.836	0.845	0.3%
Total	1.713	1.671	1.717	1.747	1.788	1.805	1.824	1.835	1.862	1.868	1.875	1.901	1.925	1.942	1.949	1.972	1.968	1.985	1.990	1.998	2.015	2.020	2.008	2.022	0.7%
Industrial 4/																									
Distillate Fuel	0.102	0.101	0.102	0.103	0.106	0.108	0.111	0.114	0.116	0.118	0.120	0.122	0.123	0.125	0.126	0.128	0.129	0.131	0.132	0.133	0.135	0.136	0.138	0.139	1.3%
Liquefied Petroleum Gas	0.041	0.041	0.042	0.035	0.036	0.037	0.037	0.037	0.038	0.039	0.041	0.042	0.042	0.043	0.043	0.043	0.044	0.044	0.044	0.045	0.045	0.046	0.046	0.044	0.3%
Petrochemical Feedstocks	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.031	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.034	0.034	0.034	0.034	0.035	0.035	0.035	0.035	0.5%
Residual Fuel	0.024	0.021	0.024	0.023	0.024	0.025	0.026	0.026	0.027	0.027	0.027	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.030	0.029	0.029	0.8%
Motor Gasoline 2/	0.023	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.033	0.034	1.6%
Other Petroleum 5/ Petroleum Subtotal	0.535	0.540	0.543	0.598	0.568	0.581	0.576	0.578	0.577	0.583	0.584	0.589	0.590	0.595	0.591	0.588	0.591	0.594	0.596	0.598	0.609	0.612	0.600	0.604	0.5%
Natural Gas 6/	0.757	0.756	0.766	0.815	0.790	0.808	0.808	0.813	0.816	0.826	0.832	0.841	0.845	0.853	0.851	0.851	0.856	0.862	0.867	0.871	0.885	0.891	0.881	0.885	0.7%
Metallurgical Coal	1.302	1.417	1.446	1.378	1.437	1.444	1.466	1.480	1.501	1.523	1.547	1.571	1.596	1.619	1.640	1.665	1.687	1.710	1.735	1.760	1.775	1.798	1.816	1.827	1.5%
Steam Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	0.063	0.062	0.063	0.063	0.064	0.064	0.065	0.065	0.065	0.066	0.067	0.067	0.067	0.067	0.067	0.068	0.068	0.069	0.069	0.070	0.070	0.071	0.072	0.072	0.6%
Coal Subtotal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Renewable Energy 7/ Electricity	0.283	0.290	0.292	0.297	0.303	0.308	0.312	0.316	0.323	0.330	0.336	0.342	0.349	0.354	0.359	0.363	0.367	0.372	0.378	0.382	0.386	0.390	0.393	0.397	1.5%
Delivered Energy	2.794	2.924	2.968	2.971	3.022	3.060	3.092	3.121	3.162	3.213	3.259	3.305	3.348	3.393	3.422	3.456	3.496	3.539	3.584	3.622	3.667	3.708	3.726	3.752	1.3%
Electricity Related Losses	0.666	0.634	0.624	0.656	0.686	0.689	0.697	0.696	0.714	0.718	0.716	0.730	0.739	0.742	0.732	0.741	0.728	0.739	0.741	0.742	0.759	0.765	0.750	0.762	0.6%
Total	3.460	3.558	3.592	3.628	3.709	3.749	3.789	3.817	3.876	3.931	3.975	4.035	4.087	4.134	4.153	4.197	4.224	4.278	4.324	4.364	4.425	4.473	4.476	4.514	1.2%

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 09 - Pacific																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Transportation																									
Distillate Fuel 8/	0.558	0.598	0.606	0.618	0.632	0.643	0.655	0.666	0.679	0.693	0.706	0.717	0.729	0.740	0.748	0.757	0.765	0.776	0.787	0.795	0.804	0.813	0.821	0.829	1.7%
Jet Fuel 9/	0.900	0.892	0.916	1.033	1.056	1.088	1.118	1.155	1.195	1.239	1.282	1.330	1.373	1.413	1.446	1.483	1.513	1.551	1.586	1.624	1.657	1.696	1.729	1.762	3.0%
Motor Gasoline 2/	2.252	2.301	2.333	2.405	2.458	2.506	2.555	2.600	2.650	2.698	2.746	2.790	2.832	2.875	2.901	2.925	2.951	2.979	3.007	3.032	3.062	3.091	3.120	3.148	1.5%
Residual Fuel	0.344	0.279	0.331	0.342	0.353	0.363	0.375	0.387	0.401	0.415	0.430	0.444	0.459	0.474	0.487	0.500	0.512	0.525	0.539	0.553	0.566	0.580	0.593	0.608	2.5%
Liquefied Petroleum Gas	0.008	0.009	0.009	0.011	0.012	0.014	0.016	0.019	0.021	0.024	0.026	0.027	0.029	0.030	0.032	0.033	0.034	0.035	0.036	0.036	0.037	0.038	0.039	0.039	7.2%
Other Petroleum 10/	0.047	0.048	0.048	0.049	0.050	0.050	0.050	0.051	0.052	0.052	0.053	0.054	0.055	0.056	0.056	0.057	0.057	0.057	0.058	0.058	0.059	0.059	0.059	0.060	1.1%
Petroleum Subtotal	4.108	4.126	4.244	4.457	4.561	4.664	4.770	4.877	4.997	5.121	5.242	5.363	5.477	5.588	5.671	5.754	5.832	5.923	6.013	6.099	6.185	6.276	6.362	6.446	2.0%
Pipeline Fuel Natural Gas	0.036	0.040	0.042	0.039	0.040	0.042	0.043	0.043	0.045	0.046	0.047	0.049	0.050	0.052	0.053	0.054	0.055	0.056	0.057	0.058	0.059	0.060	0.059	0.060	2.2%
Compressed Natural Gas	0.002	0.004	0.006	0.009	0.014	0.018	0.022	0.025	0.029	0.032	0.034	0.036	0.039	0.041	0.043	0.045	0.046	0.048	0.049	0.051	0.052	0.053	0.054	0.055	15.2%
Renewables (E85) 11/	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.011	0.011	0.012	0.012	0.012	0.013	24.3%
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.018	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	0.009	0.010	0.010	0.010	0.010	0.010	0.013	0.015	0.017	0.019	0.020	0.022	0.023	0.025	0.026	0.028	0.029	0.030	0.031	0.033	0.034	0.035	0.036	0.038	6.2%
Delivered Energy	4.156	4.181	4.305	4.520	4.631	4.742	4.857	4.972	5.101	5.232	5.360	5.488	5.609	5.727	5.815	5.904	5.986	6.083	6.178	6.268	6.359	6.453	6.542	6.629	2.1%
Electricity Related Losses	0.016	0.015	0.015	0.016	0.016	0.017	0.020	0.023	0.027	0.029	0.030	0.033	0.035	0.037	0.038	0.040	0.041	0.042	0.044	0.045	0.047	0.048	0.048	0.050	5.1%
Total	4.172	4.197	4.320	4.536	4.648	4.759	4.877	4.996	5.128	5.261	5.391	5.521	5.644	5.764	5.853	5.944	6.027	6.125	6.221	6.313	6.405	6.502	6.590	6.680	2.1%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	0.722	0.751	0.761	0.775	0.792	0.805	0.818	0.832	0.847	0.861	0.875	0.887	0.900	0.912	0.921	0.932	0.940	0.953	0.966	0.975	0.984	0.994	1.004	1.012	1.5%
Kerosene	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.7%
Jet Fuel 9/	0.900	0.892	0.916	1.033	1.056	1.088	1.118	1.155	1.195	1.239	1.282	1.330	1.373	1.413	1.446	1.483	1.513	1.551	1.586	1.624	1.657	1.696	1.729	1.762	3.0%
Liquefied Petroleum Gas	0.083	0.082	0.085	0.082	0.085	0.089	0.093	0.097	0.101	0.106	0.112	0.116	0.119	0.123	0.125	0.127	0.129	0.130	0.132	0.133	0.135	0.136	0.138	0.137	2.2%
Motor Gasoline 2/	2.278	2.326	2.359	2.431	2.485	2.534	2.584	2.629	2.679	2.728	2.777	2.822	2.864	2.907	2.934	2.958	2.985	3.013	3.041	3.067	3.097	3.126	3.155	3.184	1.5%
Petrochemical Feedstocks	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.031	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.034	0.034	0.034	0.034	0.035	0.035	0.035	0.035	0.5%
Residual Fuel	0.369	0.300	0.356	0.366	0.378	0.390	0.402	0.415	0.429	0.443	0.458	0.473	0.488	0.504	0.517	0.529	0.542	0.555	0.569	0.583	0.597	0.611	0.624	0.638	2.4%
Other Petroleum 13/	0.580	0.587	0.590	0.646	0.616	0.629	0.625	0.627	0.627	0.634	0.636	0.641	0.643	0.649	0.645	0.643	0.646	0.650	0.653	0.655	0.666	0.669	0.659	0.662	0.6%
Petroleum Subtotal	4.966	4.972	5.102	5.367	5.447	5.569	5.675	5.789	5.912	6.046	6.174	6.304	6.423	6.543	6.625	6.708	6.791	6.888	6.984	7.073	7.173	7.270	7.346	7.433	1.8%
Natural Gas 6/	2.393	2.446	2.570	2.504	2.569	2.585	2.616	2.644	2.674	2.710	2.749	2.791	2.831	2.871	2.911	2.957	2.996	3.036	3.074	3.113	3.137	3.171	3.197	3.218	1.3%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.076	0.076	0.077	0.077	0.078	0.078	0.079	0.079	0.080	0.081	0.082	0.082	0.082	0.083	0.083	0.083	0.084	0.084	0.085	0.086	0.086	0.087	0.088	0.088	0.7%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.076	0.076	0.077	0.077	0.078	0.078	0.079	0.079	0.080	0.081	0.082	0.082	0.082	0.083	0.083	0.083	0.084	0.084	0.085	0.086	0.086	0.087	0.088	0.088	0.7%
Renewable Energy 14/	0.371	0.394	0.391	0.397	0.403	0.409	0.414	0.419	0.427	0.434	0.442	0.449	0.456	0.463	0.468	0.474	0.478	0.484	0.491	0.496	0.500	0.505	0.509	0.514	1.4%
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.018	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity	1.303	1.340	1.366	1.406	1.435	1.459	1.476	1.498	1.520	1.544	1.567	1.587	1.607	1.630	1.653	1.674	1.697	1.720	1.742	1.765	1.791	1.810	1.833	1.856	1.6%
Delivered Energy	9.108	9.229	9.508	9.753	9.935	10.105	10.266	10.436	10.622	10.824	11.023	11.224	11.411	11.603	11.753	11.910	12.060	12.228	12.392	12.549	12.705	12.860	12.991	13.128	1.6%
Electricity Related Losses	2.225	2.133	2.127	2.206	2.302	2.307	2.329	2.329	2.376	2.369	2.353	2.394	2.418	2.425	2.399	2.433	2.389	2.417	2.417	2.428	2.467	2.482	2.435	2.475	0.5%
Total	11.333	11.362	11.635	11.959	12.238	12.412	12.596	12.766	12.997	13.194	13.376	13.619	13.828	14.028	14.152	14.343	14.449	14.644	14.809	14.977	15.172	15.343	15.426	15.603	1.4%

Table 9. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) 09 - Pacific																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.007	0.012	0.012	0.011	0.011	0.011	0.012	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	2.6%
Residual Fuel	0.094	0.184	0.198	0.151	0.145	0.109	0.091	0.085	0.086	0.087	0.088	0.085	0.086	0.084	0.085	0.086	0.088	0.089	0.090	0.091	0.092	0.093	0.094	0.095	0.1%
Petroleum Subtotal	0.101	0.196	0.210	0.162	0.156	0.120	0.103	0.097	0.097	0.099	0.100	0.097	0.098	0.096	0.097	0.098	0.100	0.101	0.102	0.104	0.105	0.106	0.108	0.108	0.3%
Natural Gas	0.490	0.443	0.538	0.443	0.505	0.567	0.654	0.658	0.678	0.696	0.707	0.754	0.772	0.781	0.763	0.776	0.760	0.786	0.787	0.804	0.836	0.842	0.805	0.844	2.4%
Steam Coal	0.096	0.095	0.128	0.115	0.124	0.133	0.133	0.133	0.131	0.130	0.129	0.132	0.133	0.133	0.134	0.132	0.134	0.133	0.134	0.134	0.134	0.134	0.135	0.134	1.5%
Nuclear Power	0.378	0.397	0.408	0.411	0.412	0.414	0.415	0.417	0.418	0.420	0.421	0.423	0.425	0.426	0.428	0.429	0.431	0.431	0.430	0.430	0.430	0.430	0.430	0.429	0.5%
Renewable Energy 16/	2.477	2.370	2.261	2.395	2.430	2.439	2.444	2.454	2.476	2.490	2.500	2.521	2.540	2.551	2.556	2.600	2.586	2.607	2.623	2.639	2.669	2.699	2.711	2.737	0.4%
Electricity Imports 17/	-0.015	-0.028	-0.052	0.087	0.110	0.092	0.057	0.068	0.095	0.080	0.063	0.055	0.057	0.068	0.074	0.071	0.077	0.078	0.082	0.082	0.082	0.082	0.080	0.079	N/A
Total	3.528	3.473	3.493	3.612	3.737	3.765	3.806	3.827	3.896	3.914	3.920	3.982	4.025	4.055	4.052	4.107	4.086	4.136	4.159	4.193	4.258	4.293	4.268	4.331	0.9%
Total Energy Consumption																									
Distillate Fuel	0.730	0.763	0.774	0.786	0.802	0.816	0.830	0.844	0.859	0.873	0.886	0.899	0.912	0.924	0.933	0.944	0.953	0.965	0.978	0.987	0.997	1.007	1.017	1.026	1.5%
Kerosene	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.7%
Jet Fuel 9/	0.900	0.892	0.916	1.033	1.056	1.088	1.118	1.155	1.195	1.239	1.282	1.330	1.373	1.413	1.446	1.483	1.513	1.551	1.586	1.624	1.657	1.696	1.729	1.762	3.0%
Liquefied Petroleum Gas	0.083	0.082	0.085	0.082	0.085	0.089	0.093	0.097	0.101	0.106	0.112	0.116	0.119	0.123	0.125	0.127	0.129	0.130	0.132	0.133	0.135	0.136	0.138	0.137	2.2%
Motor Gasoline 2/	2.278	2.326	2.359	2.431	2.485	2.534	2.584	2.629	2.679	2.728	2.777	2.822	2.864	2.907	2.934	2.958	2.985	3.013	3.041	3.067	3.097	3.126	3.155	3.184	1.5%
Petrochemical Feedstocks	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.031	0.031	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.034	0.034	0.034	0.034	0.035	0.035	0.035	0.035	0.5%
Residual Fuel	0.463	0.484	0.554	0.517	0.523	0.499	0.493	0.500	0.515	0.531	0.547	0.558	0.574	0.588	0.602	0.615	0.629	0.643	0.659	0.674	0.689	0.704	0.718	0.733	2.0%
Other Petroleum 13/	0.580	0.587	0.590	0.646	0.616	0.629	0.625	0.627	0.627	0.634	0.636	0.641	0.643	0.649	0.645	0.643	0.646	0.650	0.653	0.655	0.666	0.669	0.659	0.662	0.6%
Petroleum Subtotal	5.067	5.168	5.312	5.529	5.602	5.689	5.778	5.885	6.009	6.145	6.274	6.401	6.521	6.639	6.722	6.806	6.891	6.989	7.086	7.177	7.279	7.376	7.454	7.541	1.7%
Natural Gas	2.883	2.889	3.108	2.947	3.074	3.152	3.270	3.302	3.352	3.406	3.456	3.546	3.603	3.652	3.675	3.733	3.755	3.822	3.861	3.917	3.974	4.013	4.002	4.062	1.5%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.172	0.170	0.204	0.191	0.201	0.212	0.212	0.213	0.211	0.210	0.211	0.214	0.216	0.216	0.217	0.215	0.217	0.217	0.219	0.220	0.221	0.221	0.222	0.223	1.1%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.172	0.170	0.204	0.191	0.201	0.212	0.212	0.213	0.211	0.210	0.211	0.214	0.216	0.216	0.217	0.215	0.217	0.217	0.219	0.220	0.221	0.221	0.222	0.223	1.1%
Nuclear Power	0.378	0.397	0.408	0.411	0.412	0.414	0.415	0.417	0.418	0.420	0.421	0.423	0.425	0.426	0.428	0.429	0.431	0.431	0.430	0.430	0.430	0.430	0.430	0.429	0.5%
Renewable Energy 18/	2.848	2.765	2.653	2.792	2.833	2.848	2.857	2.873	2.903	2.924	2.941	2.970	2.996	3.014	3.024	3.074	3.064	3.092	3.115	3.135	3.169	3.204	3.220	3.251	0.6%
M85 12/	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.013	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.018	22.1%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Electricity Imports 17/	-0.015	-0.028	-0.052	0.087	0.110	0.092	0.057	0.068	0.095	0.080	0.063	0.055	0.057	0.068	0.074	0.071	0.077	0.078	0.082	0.082	0.082	0.082	0.080	0.079	N/A
Total	11.333	11.362	11.635	11.959	12.238	12.412	12.596	12.766	12.997	13.194	13.376	13.619	13.828	14.028	14.152	14.343	14.449	14.644	14.809	14.977	15.172	15.343	15.426	15.603	1.4%
Energy Use & Related Statistics																									
Delivered Energy Use	9.108	9.229	9.508	9.753	9.935	10.105	10.266	10.436	10.622	10.824	11.023	11.224	11.411	11.603	11.753	11.910	12.060	12.228	12.392	12.549	12.705	12.860	12.991	13.128	1.6%
Total Energy Use	11.333	11.362	11.635	11.959	12.238	12.412	12.596	12.766	12.997	13.194	13.376	13.619	13.828	14.028	14.152	14.343	14.449	14.644	14.809	14.977	15.172	15.343	15.426	15.603	1.4%
Population (millions)	43.020	43.523	43.985	44.446	44.926	45.409	45.911	46.430	46.966	47.517	48.080	48.647	49.203	49.756	50.302	50.852	51.412	51.979	52.553	53.130	53.711	54.295	54.885	55.477	1.1%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric ton)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 9. Energy Consumption by Sector and Source (09 - Pacific) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1997 electric utility fuel consumption: Energy Information Administration (EIA), Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1997 values: EIA Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States Total																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Consumption																									
Residential																									
Distillate Fuel	0.94	0.87	0.89	0.87	0.85	0.84	0.82	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67	0.66	0.65	-1.6%
Kerosene	0.09	0.09	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	-1.4%
Liquefied Petroleum Gas	0.43	0.42	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	0.40	0.40	-0.3%
Petroleum Subtotal	1.47	1.39	1.40	1.38	1.37	1.35	1.33	1.32	1.29	1.28	1.26	1.26	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.15	1.14	1.13	1.12	-1.2%
Natural Gas	5.15	4.75	5.18	5.21	5.21	5.23	5.25	5.30	5.31	5.34	5.38	5.44	5.47	5.52	5.57	5.65	5.68	5.74	5.77	5.81	5.83	5.86	5.89	5.94	0.6%
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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.5%
Renewable Energy 1/ Electricity	3.66	3.77	3.89	4.01	4.12	4.18	4.22	4.27	4.31	4.36	4.41	4.47	4.52	4.57	4.66	4.74	4.80	4.86	4.93	5.02	5.08	5.15	5.22	5.31	1.6%
Delivered Energy	10.92	10.53	11.13	11.26	11.35	11.42	11.46	11.55	11.57	11.64	11.72	11.84	11.90	12.00	12.13	12.28	12.36	12.47	12.57	12.70	12.75	12.84	12.94	13.08	0.8%
Electricity Related Losses	8.07	8.32	8.57	8.78	9.00	9.02	8.99	8.93	8.89	8.92	8.94	9.03	9.08	9.11	9.19	9.25	9.29	9.32	9.34	9.43	9.48	9.56	9.64	9.77	0.8%
Total	18.99	18.85	19.70	20.04	20.35	20.43	20.45	20.48	20.47	20.55	20.66	20.88	20.98	21.11	21.31	21.53	21.65	21.79	21.91	22.13	22.23	22.40	22.59	22.85	0.8%
Commercial																									
Distillate Fuel	0.49	0.37	0.37	0.38	0.38	0.37	0.37	0.36	0.36	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.32	0.32	0.32	-1.9%
Residual Fuel	0.11	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	0.09	0.09	-0.8%
Kerosene	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.2%
Liquefied Petroleum Gas	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.7%
Motor Gasoline 2/ Petroleum Subtotal	0.73	0.59	0.59	0.60	0.60	0.59	0.59	0.58	0.58	0.58	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.55	0.55	0.55	0.55	-1.3%
Natural Gas	3.37	3.22	3.53	3.55	3.57	3.60	3.62	3.66	3.68	3.71	3.74	3.77	3.81	3.84	3.87	3.90	3.93	3.95	3.97	3.98	3.99	3.99	4.00	4.00	0.7%
Coal	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	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/ Electricity	3.44	3.54	3.62	3.69	3.75	3.81	3.86	3.91	3.97	4.02	4.08	4.14	4.20	4.26	4.33	4.39	4.45	4.50	4.54	4.59	4.63	4.66	4.69	4.72	1.4%
Delivered Energy	7.63	7.45	7.82	7.92	8.01	8.09	8.17	8.25	8.32	8.40	8.48	8.58	8.68	8.77	8.87	8.96	9.05	9.12	9.18	9.23	9.27	9.31	9.34	9.37	0.9%
Electricity Related Losses	7.59	7.81	7.97	8.07	8.20	8.23	8.24	8.18	8.19	8.22	8.27	8.35	8.44	8.48	8.54	8.57	8.61	8.62	8.60	8.61	8.63	8.65	8.66	8.68	0.6%
Total	15.22	15.26	15.79	15.99	16.20	16.33	16.41	16.43	16.51	16.62	16.75	16.93	17.11	17.24	17.41	17.53	17.66	17.74	17.78	17.84	17.91	17.95	18.00	18.05	0.7%
Industrial 4/																									
Distillate Fuel	1.13	1.11	1.12	1.14	1.16	1.18	1.21	1.24	1.26	1.28	1.30	1.31	1.33	1.35	1.36	1.37	1.39	1.40	1.42	1.43	1.44	1.46	1.47	1.48	1.2%
Liquefied Petroleum Gas	2.14	2.10	2.13	2.15	2.19	2.23	2.24	2.26	2.30	2.33	2.36	2.40	2.43	2.45	2.48	2.50	2.52	2.55	2.58	2.60	2.62	2.65	2.67	2.69	1.0%
Petrochemical Feedstocks	1.46	1.44	1.46	1.47	1.48	1.48	1.46	1.44	1.44	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.56	1.58	1.60	1.61	1.63	1.65	1.66	1.67	0.6%
Residual Fuel	0.28	0.27	0.27	0.29	0.29	0.30	0.30	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.35	0.36	1.1%
Motor Gasoline 2/	0.21	0.21	0.21	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	1.5%
Other Petroleum 5/ Petroleum Subtotal	4.11	4.11	4.15	4.51	4.51	4.58	4.58	4.63	4.68	4.72	4.75	4.81	4.84	4.89	4.89	4.90	4.90	4.91	4.95	4.94	4.96	4.98	4.97	4.99	0.8%
Natural Gas 6/	9.92	10.00	10.23	10.31	10.50	10.59	10.69	10.74	10.85	10.98	11.12	11.19	11.32	11.43	11.52	11.65	11.76	11.90	12.02	12.13	12.24	12.35	12.44	12.52	1.0%
Metallurgical Coal	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.67	0.66	0.65	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.7%
Steam Coal	1.56	1.54	1.58	1.56	1.58	1.59	1.60	1.59	1.61	1.63	1.65	1.65	1.66	1.67	1.68	1.68	1.70	1.71	1.73	1.75	1.76	1.78	1.79	1.80	0.6%
Net Coal Coke Imports	0.02	0.10	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.25	0.26	0.27	0.27	12.5%
Coal Subtotal	2.36	2.41	2.46	2.44	2.46	2.47	2.48	2.47	2.48	2.50	2.51	2.51	2.51	2.51	2.50	2.51	2.52	2.53	2.55	2.56	2.58	2.59	2.59	2.60	0.4%
Renewable Energy 7/ Electricity	1.88	1.92	1.93	1.96	2.00	2.03	2.05	2.08	2.12	2.16	2.20	2.23	2.27	2.31	2.33	2.36	2.39	2.42	2.45	2.47	2.49	2.52	2.54	2.56	1.4%
Delivered Energy	27.01	27.12	27.54	28.12	28.50	28.82	29.00	29.19	29.54	29.93	30.28	30.56	30.88	31.18	31.39	31.67	31.90	32.21	32.57	32.78	33.05	33.33	33.53	33.73	1.0%
Electricity Related Losses	7.78	7.85	7.87	7.92	8.05	8.06	8.02	7.93	7.97	8.04	8.09	8.14	8.21	8.22	8.22	8.22	8.24	8.25	8.27	8.26	8.32	8.36	8.38	8.40	0.3%
Total	34.79	34.97	35.41	36.03	36.55	36.88	37.01	37.12	37.51	37.97	38.37	38.71	39.09	39.41	39.61	39.88	40.13	40.46	40.84	41.04	41.37	41.68	41.90	42.14	0.8%

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States Total																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Transportation																									
Distillate Fuel 8/	4.64	4.97	5.04	5.14	5.25	5.34	5.43	5.50	5.60	5.69	5.77	5.84	5.92	6.00	6.05	6.11	6.16	6.24	6.31	6.37	6.42	6.48	6.54	6.58	1.5%
Jet Fuel 9/	3.31	3.28	3.37	3.80	3.88	3.99	4.10	4.22	4.36	4.51	4.65	4.82	4.96	5.10	5.21	5.34	5.44	5.57	5.69	5.82	5.93	6.06	6.17	6.27	2.8%
Motor Gasoline 2/	15.08	15.41	15.62	16.08	16.41	16.70	16.99	17.23	17.51	17.77	18.02	18.25	18.47	18.70	18.82	18.93	19.05	19.18	19.31	19.42	19.56	19.69	19.82	19.94	1.2%
Residual Fuel	0.75	0.61	0.72	0.74	0.77	0.79	0.81	0.84	0.87	0.90	0.93	0.96	0.99	1.02	1.05	1.07	1.10	1.13	1.16	1.18	1.21	1.24	1.27	1.30	2.4%
Liquefied Petroleum Gas	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.22	7.7%
Other Petroleum 10/	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	1.0%
Petroleum Subtotal	24.10	24.61	25.10	26.12	26.69	27.21	27.73	28.22	28.77	29.32	29.85	30.36	30.85	31.33	31.66	31.99	32.30	32.66	33.03	33.35	33.69	34.04	34.37	34.68	1.6%
Pipeline Fuel Natural Gas	0.73	0.73	0.73	0.74	0.76	0.78	0.80	0.82	0.84	0.85	0.87	0.88	0.88	0.90	0.91	0.92	0.93	0.95	0.97	0.98	0.99	1.00	1.01	1.01	1.4%
Compressed Natural Gas	0.01	0.02	0.04	0.06	0.09	0.11	0.14	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.34	14.9%
Renewables (E85) 11/	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	24.0%
M85 12/	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	21.8%
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	0.00	0.00	N/A
Electricity	0.06	0.06	0.06	0.06	0.06	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.21	0.22	0.22	5.9%
Delivered Energy	24.91	25.43	25.95	27.01	27.64	28.22	28.81	29.36	29.98	30.58	31.16	31.71	32.24	32.77	33.14	33.50	33.84	34.25	34.65	35.01	35.38	35.76	36.11	36.44	1.7%
Electricity Related Losses	0.13	0.13	0.13	0.14	0.14	0.14	0.17	0.19	0.22	0.24	0.25	0.27	0.29	0.30	0.31	0.32	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	5.1%
Total	25.04	25.56	26.08	27.15	27.77	28.36	28.98	29.55	30.19	30.81	31.41	31.98	32.53	33.07	33.45	33.83	34.18	34.60	35.00	35.37	35.76	36.14	36.51	36.85	1.7%
Delivered Energy Consumption All Sectors																									
Distillate Fuel	7.20	7.32	7.43	7.53	7.65	7.74	7.82	7.91	8.00	8.09	8.18	8.26	8.34	8.42	8.48	8.54	8.59	8.67	8.76	8.81	8.87	8.93	8.99	9.04	1.0%
Kerosene	0.15	0.15	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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-0.7%
Jet Fuel 9/	3.31	3.28	3.37	3.80	3.88	3.99	4.10	4.22	4.36	4.51	4.65	4.82	4.96	5.10	5.21	5.34	5.44	5.57	5.69	5.82	5.93	6.06	6.17	6.27	2.8%
Liquefied Petroleum Gas	2.69	2.64	2.69	2.73	2.78	2.83	2.85	2.89	2.94	2.98	3.03	3.07	3.11	3.15	3.17	3.20	3.23	3.25	3.29	3.32	3.33	3.36	3.38	3.40	1.0%
Motor Gasoline 2/	15.32	15.64	15.86	16.32	16.66	16.95	17.24	17.49	17.78	18.04	18.30	18.53	18.76	18.99	19.12	19.23	19.35	19.48	19.61	19.72	19.87	20.00	20.13	20.26	1.2%
Petrochemical Feedstocks	1.46	1.44	1.46	1.47	1.48	1.48	1.46	1.44	1.44	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.56	1.58	1.60	1.61	1.63	1.65	1.66	1.67	0.6%
Residual Fuel	1.13	0.97	1.08	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.33	1.37	1.40	1.44	1.47	1.50	1.53	1.56	1.60	1.62	1.66	1.69	1.71	1.75	1.9%
Other Petroleum 13/	4.37	4.38	4.42	4.79	4.78	4.86	4.86	4.91	4.97	5.01	5.05	5.11	5.15	5.20	5.20	5.21	5.22	5.23	5.27	5.26	5.28	5.30	5.30	5.32	0.9%
Petroleum Subtotal	35.62	35.82	36.44	37.89	38.50	39.15	39.67	40.24	40.88	41.53	42.14	42.78	43.35	43.95	44.32	44.71	45.05	45.48	45.95	46.30	46.69	47.11	47.47	47.84	1.3%
Natural Gas 6/	19.19	18.72	19.71	19.87	20.13	20.31	20.51	20.67	20.86	21.08	21.32	21.51	21.73	21.95	22.15	22.41	22.60	22.84	23.03	23.22	23.37	23.54	23.68	23.81	0.9%
Metallurgical Coal	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.67	0.66	0.65	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.7%
Steam Coal	1.69	1.69	1.72	1.70	1.72	1.74	1.74	1.74	1.75	1.78	1.80	1.80	1.81	1.82	1.83	1.83	1.85	1.86	1.88	1.90	1.91	1.93	1.94	1.95	0.6%
Net Coal Coke Imports	0.02	0.10	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.25	0.26	0.27	0.27	12.5%
Coal Subtotal	2.50	2.55	2.60	2.59	2.61	2.62	2.62	2.61	2.63	2.65	2.66	2.66	2.66	2.65	2.65	2.66	2.67	2.68	2.70	2.71	2.73	2.74	2.74	2.75	0.4%
Renewable Energy 14/	2.48	2.49	2.54	2.58	2.62	2.65	2.68	2.72	2.76	2.81	2.86	2.90	2.94	2.98	3.02	3.05	3.08	3.12	3.15	3.18	3.21	3.24	3.26	3.29	1.2%
M85 12/	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	21.8%
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	0.00	0.00	N/A
Electricity	10.68	10.94	11.13	11.37	11.61	11.78	11.91	12.06	12.23	12.42	12.59	12.78	12.94	13.11	13.31	13.50	13.67	13.85	14.03	14.20	14.36	14.51	14.66	14.82	1.4%
Delivered Energy	70.47	70.53	72.44	74.31	75.49	76.54	77.43	78.34	79.41	80.54	81.64	82.70	83.70	84.72	85.53	86.41	87.15	88.06	88.96	89.72	90.45	91.23	91.92	92.62	1.2%
Electricity Related Losses	23.57	24.11	24.55	24.90	25.38	25.45	25.41	25.23	25.27	25.42	25.55	25.79	26.01	26.11	26.26	26.36	26.48	26.52	26.57	26.67	26.81	26.95	27.08	27.27	0.6%
Total	94.04	94.64	96.98	99.21	100.87	101.99	102.85	103.57	104.68	105.96	107.19	108.49	109.71	110.83	111.78	112.77	113.62	114.58	115.53	116.38	117.26	118.19	119.00	119.89	1.1%

Table 10. Energy Consumption by Sector and Source (Quadrillion Btu per Year, Unless Otherwise Noted) United States Total																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electric Generators 15/																									
Distillate Fuel	0.09	0.10	0.10	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.07	0.07	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	-1.4%
Residual Fuel	0.77	1.07	1.13	0.97	0.94	0.74	0.56	0.41	0.30	0.27	0.22	0.22	0.22	0.21	0.20	0.20	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.17	-6.4%
Petroleum Subtotal	0.87	1.17	1.23	1.06	1.03	0.82	0.63	0.48	0.37	0.33	0.29	0.29	0.28	0.28	0.27	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.24	0.24	-5.5%
Natural Gas	3.40	3.22	3.28	3.30	3.70	4.00	4.34	4.58	5.03	5.40	5.81	6.14	6.44	6.84	7.13	7.50	7.73	8.21	8.61	8.84	9.09	9.28	9.35	9.36	4.5%
Steam Coal	18.59	19.18	19.84	20.19	20.46	20.59	20.68	20.69	20.68	20.91	21.02	21.28	21.42	21.41	21.72	21.76	22.01	22.12	22.35	22.54	22.82	23.00	23.21	23.51	1.0%
Nuclear Power	6.71	6.91	7.03	7.04	7.08	7.11	7.00	6.85	6.73	6.48	6.30	6.11	6.04	5.91	5.65	5.50	5.31	4.92	4.47	4.30	4.01	3.88	3.83	3.83	-2.4%
Renewable Energy 16/	4.35	4.22	4.00	4.24	4.29	4.30	4.31	4.33	4.35	4.38	4.39	4.42	4.45	4.47	4.49	4.55	4.56	4.60	4.63	4.67	4.73	4.79	4.83	4.88	0.5%
Electricity Imports 17/	0.33	0.36	0.30	0.44	0.43	0.41	0.37	0.37	0.34	0.34	0.34	0.32	0.33	0.31	0.31	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	-0.7%
Total	34.25	35.05	35.68	36.27	36.99	37.23	37.33	37.29	37.50	37.84	38.15	38.57	38.95	39.22	39.57	39.87	40.14	40.37	40.60	40.87	41.17	41.47	41.74	42.09	0.9%
Total Energy Consumption																									
Distillate Fuel	7.29	7.42	7.53	7.62	7.73	7.82	7.90	7.97	8.06	8.16	8.24	8.32	8.40	8.49	8.54	8.60	8.66	8.74	8.82	8.88	8.93	8.99	9.05	9.10	1.0%
Kerosene	0.15	0.15	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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-0.7%
Jet Fuel 9/	3.31	3.28	3.37	3.80	3.88	3.99	4.10	4.22	4.36	4.51	4.65	4.82	4.96	5.10	5.21	5.34	5.44	5.57	5.69	5.82	5.93	6.06	6.17	6.27	2.8%
Liquefied Petroleum Gas	2.69	2.64	2.69	2.73	2.78	2.83	2.85	2.89	2.94	2.98	3.03	3.07	3.11	3.15	3.17	3.20	3.23	3.25	3.29	3.32	3.33	3.36	3.38	3.40	1.0%
Motor Gasoline 2/	15.32	15.64	15.86	16.32	16.66	16.95	17.24	17.49	17.78	18.04	18.30	18.53	18.76	18.99	19.12	19.23	19.35	19.48	19.61	19.72	19.87	20.00	20.13	20.26	1.2%
Petrochemical Feedstocks	1.46	1.44	1.46	1.47	1.48	1.48	1.46	1.44	1.44	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.56	1.58	1.60	1.61	1.63	1.65	1.66	1.67	0.6%
Residual Fuel	1.91	2.04	2.21	2.10	2.09	1.91	1.76	1.65	1.58	1.57	1.56	1.59	1.62	1.65	1.68	1.70	1.72	1.75	1.79	1.80	1.83	1.86	1.89	1.92	0.0%
Other Petroleum 13/	4.37	4.38	4.42	4.79	4.78	4.86	4.86	4.91	4.97	5.01	5.05	5.11	5.15	5.20	5.20	5.21	5.22	5.23	5.27	5.26	5.28	5.30	5.32	5.32	0.9%
Petroleum Subtotal	36.49	36.99	37.67	38.95	39.53	39.97	40.30	40.71	41.25	41.86	42.43	43.07	43.63	44.22	44.59	44.97	45.30	45.73	46.20	46.54	46.93	47.35	47.71	48.08	1.2%
Natural Gas	22.59	21.94	22.99	23.17	23.83	24.30	24.84	25.25	25.89	26.48	27.13	27.65	28.17	28.79	29.28	29.91	30.33	31.05	31.64	32.05	32.46	32.81	33.03	33.17	1.7%
Metallurgical Coal	0.79	0.77	0.79	0.78	0.76	0.75	0.73	0.72	0.70	0.69	0.67	0.66	0.65	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	-1.7%
Steam Coal	20.29	20.87	21.56	21.89	22.19	22.33	22.42	22.43	22.43	22.69	22.81	23.08	23.23	23.23	23.55	23.59	23.85	23.98	24.23	24.44	24.73	24.93	25.15	25.45	1.0%
Net Coal Coke Imports	0.02	0.10	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.25	0.26	0.27	0.27	12.5%
Coal Subtotal	21.09	21.73	22.44	22.78	23.07	23.21	23.30	23.30	23.31	23.56	23.68	23.94	24.08	24.06	24.38	24.42	24.68	24.80	25.05	25.25	25.54	25.74	25.95	26.26	1.0%
Nuclear Power	6.71	6.91	7.03	7.04	7.08	7.11	7.00	6.85	6.73	6.48	6.30	6.11	6.04	5.91	5.65	5.50	5.31	4.92	4.47	4.30	4.01	3.88	3.83	3.83	-2.4%
Renewable Energy 18/	6.82	6.71	6.54	6.82	6.90	6.96	6.99	7.04	7.12	7.19	7.25	7.32	7.39	7.45	7.51	7.60	7.63	7.71	7.79	7.85	7.94	8.02	8.09	8.17	0.8%
M85 12/	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	21.8%
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	0.00	0.00	N/A
Electricity Imports 17/	0.33	0.36	0.30	0.44	0.43	0.41	0.37	0.37	0.34	0.34	0.34	0.32	0.33	0.31	0.31	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	-0.7%
Total	94.04	94.64	96.98	99.21	100.87	101.99	102.85	103.57	104.68	105.96	107.19	108.49	109.71	110.83	111.78	112.77	113.62	114.58	115.53	116.38	117.26	118.19	119.00	119.88	1.1%
Energy Use & Related Statistics																									
Delivered Energy Use	70.47	70.53	72.44	74.31	75.49	76.54	77.43	78.34	79.41	80.54	81.64	82.70	83.70	84.72	85.53	86.41	87.15	88.06	88.96	89.72	90.45	91.23	91.92	92.62	1.2%
Total Energy Use	94.04	94.64	96.98	99.21	100.87	101.99	102.85	103.57	104.68	105.96	107.19	108.49	109.71	110.83	111.78	112.77	113.62	114.58	115.53	116.38	117.26	118.19	119.00	119.89	1.1%
Population (millions)	268.19	270.55	272.88	275.18	277.47	279.74	282.00	284.27	286.54	288.84	291.16	293.51	295.89	298.31	300.75	303.23	305.72	308.23	310.75	313.27	315.80	318.33	320.85	323.36	0.8%
US GDP (billion 1992 dollars)	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Total Carbon Emissions (million metric tons)	1480	1506	1552	1585	1613	1630	1646	1659	1678	1703	1725	1750	1771	1790	1811	1828	1847	1867	1890	1907	1927	1944	1959	1975	1.3%

Table 10. Energy Consumption by Sector and Source (United States Total) Notes

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

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

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

4/ Fuel consumption includes consumption for cogeneration.

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

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

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

8/ Low sulfur diesel fuel.

9/ Includes naphtha and kerosene type.

10/ Includes aviation gas and lubricants.

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

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

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

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

15/ 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 and exempt wholesale generators.

16/ 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.

17/ In 1997 approximately two-thirds of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions.

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

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Figures for 1996 and 1997 may differ from published data due to internal conversion factors. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1996 natural gas lease, plant, and pipeline fuel values: Energy Information Administration (EIA), Natural Gas Annual 1996, DOE/EIA-0131(96) (Washington, DC, September 1997). 1996 transportation sector compressed natural gas consumption: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. 1996 and 1997 electric utility fuel consumption: EIA, Electric Power Annual 1997, Volume 1, DOE/EIA-0348(97)/1 (Washington, DC, July 1998). 1996 and 1997 nonutility consumption estimates: Form EIA-867, "Annual Nonutility Power Producer Report." Other 1996 values derived from: EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997), and Office of Coal, Nuclear, Electric, and Alternative Fuels estimates. Other 1997 values: EIA, Short-Term Energy Outlook, September 1998. Online <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/contents.html> (October 15, 1998). Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.