Table 2. Renewable Energy Consumption by Energy Use Sector and Energy Source, 2001-2005
(Quadrillion Btu)

Sector and Source	2001	2002	2003	2004	2005
Total	5.465	6.067	6.321	6.433	6.588
Residential	0.439	0.449	0.471	0.483	0.497
Biomass	0.370	0.380	0.400	0.410	0.420
Geothermal	0.009	0.010	0.013	0.014	0.016
Solar[a]	0.060	0.059	0.058	0.059	0.061
Commercial	0.115	0.120	0.131	0.139	0.139
Biomass	0.106	0.111	0.119	0.126	0.124
Wood/Wood Waste	0.067	0.069	0.071	0.070	0.070
MSW/Landfill Gas	0.035	0.037	0.042	0.048	0.047
Other Biomass[b]	0.004	0.005	0.006	0.008	0.007
Geothermal	0.008	0.009	0.011	0.012	0.014
Conventional Hydroelectric	0.001	*	0.001	0.001	0.001
Industrial	1.740	1.741	1.753	1.885	1.912
Biomass	1.703	1.697	1.707	1.848	1.875
Wood/Wood Waste	1.443	1.396	1.363	1.476	1.452
Biofuels Losses and Coproducts[c]	0.110	0.133	0.174	0.211	0.241
Biodiesel Feedstock	*	*	*	*	*
Ethanol Feedstock	0.110	0.133	0.174	0.210	0.241
MSW/Landfill Gas	0.074	0.087	0.085	0.086	0.093
Other Biomass[b]	0.076	0.081	0.085	0.076	0.090
Geothermal	0.005	0.005	0.003	0.004	0.004
Conventional Hydroelectric	0.033	0.039	0.043	0.033	0.032
Transportation					
Biofuels	0.148	0.176	0.240	0.303	0.353
Biodiesel[d]	0.001	0.001	0.002	0.003	0.011
Ethanol[e]	0.147	0.175	0.238	0.299	0.342
Electric Power[f]	3.023	3.581	3.725	3.625	3.688
Biomass	0.450	0.516	0.522	0.509	0.526
Wood/Wood Waste	0.126	0.150	0.167	0.165	0.185
MSW/Landfill Gas	0.310	0.343	0.314	0.309	0.307
Other Biomass[b]	0.014	0.022	0.041	0.036	0.033
Geothermal	0.289	0.305	0.303	0.311	0.309
Conventional Hydroelectric	2.209	2.650	2.781	2.656	2.670
Solar	0.006	0.006	0.005	0.006	0.006
Wind	0.070	0.105	0.115	0.142	0.178

[a] Includes small amounts of distributed solar thermal and photovoltaic energy used in the commercial, industrial and electric power sectors.

[b] Agriculture byproducts/crops, sludge waste, tires, and other biomass solids, liquids and gases.

[c] Losses and coproducts from the production of biodiesel and ethanol.

[d] Biodiesel primarily derived from soy bean oil.

[e] Ethanol primarily derived from corn. Includes small amounts of ethanol consumed in the commercial and industrial sectors.

[f] The electric power sector comprises electricity-only and combined-heat-power (CHP) plants within North American Classification System (NAICS) 22 category whose primary business is to sell electricity, or electricity and heat, to the public.

***=Less than 500 billion Btu.**

Note: Data revisions are discussed in the Highlights section. Totals may not equal sum of components due to independent rounding.

Sources: Analysis conducted by Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels and specific sources described as follows. Residential: Energy Information Administration, Form EIA-457A/G, "Residential Energy Consumption Survey;" Oregon Institute of Technology, Geo-Heat Center; and Energy Information Administration, Form EIA-63-A, "Annual Solar Thermal Collector Manufacturers Survey" and Form EIA-63B, "Annual Photovoltaic Module/Cell Manufacturers Survey." Commercial: Energy Information Administration, Form EIA-906, "Power Plant Report", "Form EIA-920, "Combined Heat and Power Plant Report;" and Oregon Institute of Technology, Geo-Heat Center. Industrial: Energy Information Administration, Form EIA-846 (A, B, C) "Manufacturing Energy Consumption Survey," Form EIA-906, "Power Plant Report" and Form EIA-920, "Combined Heat and Power Plant Report;" Oregon Institute of Technology, Geo-Heat Center; Government Advisory Associates, Resource Recovery Yearbook and Methane Recovery Yearbook; U.S. Environmental Protection Agency Landfill Methane Outreach Program estimates; and losses and coproducts from the production of biodiesel and ethanol calculated as the difference between energy in feedstocks and production.

Transportation: Biodiesel: U.S. Department of Agriculture, Commodity Credit Corporation, Bioenergy Program estimates of production assigned to consumption and Ethanol: 2001-2004: EIA, Petroleum Supply Annual, Tables 2 and 16. Calculated as ten percent of oxygenated finished motor gasoline field production (Table 2) plus fuel ethanol refinery input (Table 16). 2005: EIA Petroleum Supply Annual 2005, Tables 1 and 15. Calculated as motor gasoline blending components adustments (Table 1), plus finished motor gasoline adjustments (Table 1), plus fuel ethanol refinery and blender net inputs (Table 15).

Electric Power: Energy Information Administration, Form EIA-906, "Power Plant Report" and Form EIA-920, "Combined Heat and Power Plant Report."