

**Table 2. Renewable Energy Consumption by Energy Use Sector and Energy Source, 2000-2004
(Quadrillion Btu)**

Sector and Source	2000	2001	2002	2003	2004 ^P
Total	6.158	5.328	5.835	6.082	6.117
Residential	0.503	0.439	0.382	0.434	0.408
Biomass	0.433	0.370	0.313	0.359	0.332
Geothermal	0.009	0.009	0.010	0.017	0.018
Solar ^a	0.061	0.060	0.059	0.058	0.057
Commercial	0.109	0.089	0.090	0.102	0.106
Biomass	0.100	0.080	0.081	0.087	0.089
Wood/Wood Waste	0.053	0.040	0.039	0.040	0.041
MSW/Landfill Gas ^b	0.041	0.035	0.037	0.042	0.043
Other Biomass	0.006	0.004	0.005	0.006	0.005
Geothermal	0.008	0.008	0.009	0.014	0.015
Conventional Hydroelectric	0.001	0.001	*	0.001	0.001
Industrial	1.828	1.630	1.608	1.581	1.676
Biomass	1.781	1.593	1.565	1.533	1.620
Wood/Wood Waste	1.636	1.443	1.396	1.363	1.448
MSW/Landfill Gas	0.064	0.074	0.087	0.085	0.088
Other Biomass ^b	0.081	0.076	0.081	0.085	0.084
Geothermal	0.004	0.005	0.005	0.005	0.005
Conventional Hydroelectric	0.042	0.033	0.039	0.043	0.051
Transportation	0.139	0.147	0.174	0.239	0.296
Alcohol Fuels ^c	0.139	0.147	0.174	0.239	0.296
Electric Power ^d	3.579	3.023	3.581	3.725	3.632
Biomass	0.453	0.450	0.516	0.522	0.508
Wood/Wood Waste	0.134	0.126	0.150	0.167	0.168
MSW/Landfill Gas	0.295	0.310	0.343	0.314	0.312
Other Biomass ^b	0.023	0.014	0.022	0.041	0.028
Geothermal	0.296	0.289	0.305	0.303	0.302
Conventional Hydroelectric	2.768	2.209	2.650	2.781	2.673
Solar	0.005	0.006	0.006	0.005	0.006
Wind	0.057	0.070	0.105	0.115	0.143

^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 Ethanol primarily derived from corn.

^d 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.

P=Preliminary.

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-860B, "Annual Electric Generator Report - Nonutility," 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-860B, "Annual Electric Generator Report - Nonutility," Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report," Oregon Institute of Technology, Geo-Heat Center; and Government Advisory Associates, Resource Recovery Yearbook and Methane Recovery Yearbook. Transportation: Energy Information Administration, Form EIA-819M, "Monthly Oxygenate Telephone Report," and Form EIA-814, "Monthly Imports Report." Electric Power: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report," Form EIA-860B, "Annual Electric Generator Report - Nonutility," Form EIA-906, "Power Plant Report" and Form EIA-920, "Combined Heat and Power Plant Report."