

**Table 4. Renewable Energy Consumption for Nonelectric Use by Energy Use Sector and Energy Source, 2000-2004 (Quadrillion Btu)**

Sector/Source	2000	2001	2002	2003	2004 <sup>P</sup>
Total	2.163	1.890	1.727	1.932	1.848
Biomass	2.081	1.808	1.644	1.837	1.753
Wood	1.761	1.493	1.294	1.410	1.279
MSW/Landfill Gas	0.104	0.095	0.108	0.105	0.104
Other Biomass <sup>a</sup>	0.077	0.071	0.069	0.083	0.073
Alcohol Fuels <sup>b</sup>	0.139	0.147	0.174	0.239	0.296
Geothermal	0.021	0.022	0.024	0.036	0.038
Solar <sup>c</sup>	0.061	0.060	0.059	0.058	0.057
Residential	0.503	0.439	0.382	0.434	0.408
Biomass	0.433	0.370	0.313	0.359	0.332
Wood	0.433	0.370	0.313	0.359	0.332
Geothermal	0.009	0.009	0.010	0.017	0.018
Solar <sup>e</sup>	0.061	0.060	0.059	0.058	0.057
Commercial	0.082	0.065	0.061	0.071	0.072
Biomass	0.074	0.057	0.053	0.057	0.057
Wood	0.053	0.040	0.039	0.039	0.041
MSW/Landfill Gas	0.020	0.016	0.013	0.016	0.015
Other Biomass <sup>a</sup>	0.001	0.001	0.001	0.001	0.001
Geothermal	0.008	0.008	0.009	0.014	0.015
Industrial	1.407	1.218	1.088	1.159	1.057
Biomass	1.402	1.213	1.083	1.154	1.052
Wood	1.267	1.073	0.932	1.001	0.897
MSW/Landfill Gas	0.063	0.071	0.086	0.083	0.084
Other Biomass <sup>a</sup>	0.072	0.069	0.065	0.070	0.071
Geothermal	0.004	0.005	0.005	0.005	0.005
Transportation					
Alcohol Fuels <sup>b</sup>	0.139	0.147	0.174	0.239	0.296
Electric Power <sup>d</sup>	0.032	0.020	0.022	0.028	0.016
Biomass	0.032	0.020	0.022	0.028	0.016
Wood	0.008	0.010	0.010	0.011	0.010
MSW/Landfill Gas	0.020	0.008	0.009	0.006	0.005
Other Biomass <sup>a</sup>	0.004	0.001	0.003	0.012	0.001

<sup>a</sup> Agriculture byproducts/crops, sludge waste, tires, and other biomass solids, liquids and gases.

<sup>b</sup> Ethanol primarily derived from corn.

<sup>c</sup> Includes small amounts of distributed solar thermal and photovoltaic energy used in the commercial, industrial and electric power sectors.

<sup>d</sup> 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.

<sup>P</sup>=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," and 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," and Form EIA-906, "Power Plant Report " and Form EIA-920, "Combined Heat and Power Plant Report."