

Table 10.1 Renewable Energy Consumption by Source, Selected Years, 1949-2003

(Trillion Btu)

Year	Conventional Hydroelectric Power ¹	Wood ²	Waste ³	Alcohol Fuels ⁴	Geothermal ⁵	Solar ⁶	Wind ⁷	Total
1949	1,425	1,549	NA	NA	NA	NA	NA	2,974
1950	1,415	1,562	NA	NA	NA	NA	NA	2,978
1955	1,360	1,424	NA	NA	NA	NA	NA	2,784
1960	1,608	1,320	NA	NA	1	NA	NA	2,929
1965	2,059	1,335	NA	NA	4	NA	NA	3,398
1970	2,634	1,429	2	NA	11	NA	NA	4,076
1971	2,824	1,430	2	NA	12	NA	NA	4,268
1972	2,864	1,501	2	NA	31	NA	NA	4,398
1973	2,861	1,527	2	NA	43	NA	NA	4,433
1974	3,177	1,538	2	NA	53	NA	NA	4,769
1975	3,155	1,497	2	NA	70	NA	NA	4,723
1976	2,976	1,711	2	NA	78	NA	NA	4,768
1977	2,333	1,837	2	NA	77	NA	NA	4,249
1978	2,937	2,036	1	NA	64	NA	NA	5,039
1979	2,931	2,150	2	NA	84	NA	NA	5,166
1980	2,900	2,483	2	NA	110	NA	NA	5,494
1981	2,758	2,495	88	7	123	NA	NA	5,471
1982	3,266	2,477	119	19	105	NA	NA	5,985
1983	3,527	2,639	157	35	129	NA	(s)	6,488
1984	3,386	2,629	208	43	165	(s)	(s)	6,431
1985	2,970	2,576	236	52	198	(s)	(s)	6,033
1986	3,071	2,518	263	60	219	(s)	(s)	6,132
1987	2,635	2,465	289	69	229	(s)	(s)	5,687
1988	2,334	2,552	315	70	217	(s)	(s)	5,489
1989	2,837	2,637	354	71	317	55	22	6,294
1990	3,046	2,191	408	63	336	60	29	6,133
1991	3,016	2,190	440	73	346	63	31	6,158
1992	2,617	2,290	473	83	349	64	30	5,907
1993	2,892	^R 2,227	479	97	364	66	31	^R 6,156
1994	2,683	2,315	515	109	338	69	36	6,065
1995	3,205	2,420	531	117	294	70	33	6,669
1996	3,590	2,467	577	84	316	71	33	7,137
1997	3,640	2,350	551	106	325	70	34	7,075
1998	3,297	2,175	542	117	328	70	31	6,561
1999	3,268	2,224	540	122	331	69	46	6,599
2000	2,811	2,257	511	139	317	66	57	6,158
2001	2,201	^R 1,980	514	147	311	65	68	^R 5,286
2002	^{RP} 2,675	^R 2,036	^R 581	174	^R 328	^P 64	^{RP} 105	^{RP} 5,963
2003	^P 2,779	^P 2,086	^P 558	^P 239	^P 314	^P 63	^P 108	^P 6,150

¹ Hydroelectricity generated by pumped storage is not included in renewable energy.

² Wood, black liquor, and other wood waste.

³ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁴ Ethanol blended into motor gasoline.

⁵ Geothermal electricity net generation, heat pump, and direct use energy.

⁶ Solar thermal and photovoltaic electricity net generation, and solar thermal direct use energy.

⁷ Wind electricity net generation.

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • See Table E1 for estimated renewable energy consumption for 1635-1945. • See Note 3, "Electricity Imports and Exports," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Pages: • For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/renew.html>.

• For related information, see <http://www.eia.doe.gov/fuelrenewable.html>.

Sources: Tables 10.2a and 10.2b.