

Table 6.4 U.S. Renewable Energy Consumption by Source, 1949-2006
Trillion Btu

Year	Conventional Hydroelectric Power		Biomass			Geothermal	Solar	Wind	Total Renewables	Total Fossil Fuels	Overall Total (including Nuclear)	Percent Renewable (excluding Hydro.)	Percent Renewable	Percent Fossil Fuel
	Wood	Waste	Alcohol Fuels											
1949	1,425	1,549	na	na	na	na	na	na	2,974	29,002	31,982	4.8%	9.3%	90.7%
1950	1,415	1,562	na	na	na	na	na	na	2,978	31,632	34,616	4.5%	8.6%	91.4%
1951	1,424	1,535	na	na	na	na	na	na	2,958	34,008	36,974	4.2%	8.0%	92.0%
1952	1,466	1,474	na	na	na	na	na	na	2,940	33,800	36,748	4.0%	8.0%	92.0%
1953	1,413	1,419	na	na	na	na	na	na	2,831	34,826	37,664	3.8%	7.5%	92.5%
1954	1,360	1,394	na	na	na	na	na	na	2,754	33,877	36,639	3.8%	7.5%	92.5%
1955	1,360	1,424	na	na	na	na	na	na	2,784	37,410	40,208	3.5%	6.9%	93.0%
1956	1,435	1,416	na	na	na	na	na	na	2,851	38,888	41,754	3.4%	6.8%	93.1%
1957	1,516	1,334	na	na	na	na	na	na	2,849	38,926	41,787	3.2%	6.8%	93.2%
1958	1,592	1,323	na	na	na	na	na	na	2,915	38,717	41,645	3.2%	7.0%	93.0%
1959	1,548	1,353	na	na	na	na	na	na	2,901	40,550	43,466	3.1%	6.7%	93.3%
1960	1,608	1,320	na	na	na	1	na	na	2,929	42,137	45,087	2.9%	6.5%	93.5%
1961	1,656	1,295	na	na	na	2	na	na	2,953	42,758	45,739	2.8%	6.5%	93.5%
1962	1,816	1,300	na	na	na	2	na	na	3,119	44,681	47,828	2.7%	6.5%	93.4%
1963	1,771	1,323	na	na	na	4	na	na	3,098	46,509	49,646	2.7%	6.2%	93.7%
1964	1,886	1,337	na	na	na	5	na	na	3,228	48,543	51,817	2.6%	6.2%	93.7%
1965	2,059	1,335	na	na	na	4	na	na	3,398	50,577	54,017	2.5%	6.3%	93.6%
1966	2,062	1,369	na	na	na	4	na	na	3,435	53,514	57,017	2.4%	6.0%	93.9%
1967	2,347	1,340	na	na	na	7	na	na	3,694	55,127	58,908	2.3%	6.3%	93.6%
1968	2,349	1,419	na	na	na	9	na	na	3,778	58,502	62,419	2.3%	6.1%	93.7%
1969	2,648	1,440	na	na	na	13	na	na	4,102	61,362	65,621	2.2%	6.3%	93.5%
1970	2,634	1,429	2	na	na	11	na	na	4,076	63,522	67,844	2.1%	6.0%	93.6%
1971	2,824	1,430	2	na	na	12	na	na	4,268	64,596	69,289	2.1%	6.2%	93.2%
1972	2,864	1,501	2	na	na	31	na	na	4,398	67,696	72,704	2.1%	6.0%	93.1%
1973	2,861	1,527	2	na	na	43	na	na	4,433	70,316	75,708	2.1%	5.9%	92.9%
1974	3,177	1,538	2	na	na	53	na	na	4,769	67,906	73,991	2.2%	6.4%	91.8%
1975	3,155	1,497	2	na	na	70	na	na	4,723	65,355	71,999	2.2%	6.6%	90.8%
1976	2,976	1,711	2	na	na	78	na	na	4,768	69,104	76,012	2.4%	6.3%	90.9%
1977	2,333	1,837	2	na	na	77	na	na	4,249	70,989	78,000	2.5%	5.4%	91.0%
1978	2,937	2,036	1	na	na	64	na	na	5,039	71,856	79,986	2.6%	6.3%	89.8%
1979	2,931	2,150	2	na	na	84	na	na	5,166	72,892	80,903	2.8%	6.4%	90.1%
1980	2,900	2,474	2	na	na	110	na	na	5,485	69,826	78,122	3.3%	7.0%	89.4%
1981	2,758	2,496	88	13	na	123	na	na	5,477	67,570	76,168	3.6%	7.2%	88.7%
1982	3,266	2,510	119	35	na	105	na	na	6,034	63,888	73,153	3.8%	8.2%	87.3%
1983	3,527	2,684	157	63	na	129	na	0	6,561	63,154	73,038	4.2%	9.0%	86.5%
1984	3,386	2,686	208	77	na	165	0	0	6,522	66,504	76,714	4.1%	8.5%	86.7%
1985	2,970	2,687	236	93	na	198	0	0	6,185	66,091	76,491	4.2%	8.1%	86.4%
1986	3,071	2,562	263	107	na	219	0	0	6,223	66,031	76,756	4.1%	8.1%	86.0%
1987	2,635	2,463	289	123	na	229	0	0	5,739	68,522	79,173	3.9%	7.2%	86.5%
1988	2,334	2,577	315	124	na	217	0	0	5,568	71,556	82,819	3.9%	6.7%	86.4%
1989	2,837	2,680	354	126	na	317	55	22	6,391	72,913	84,944	4.2%	7.5%	85.8%
1990	3,046	2,216	408	111	na	336	60	29	6,206	72,333	84,652	3.7%	7.3%	85.4%
1991	3,016	2,214	440	129	na	346	63	31	6,238	71,880	84,607	3.8%	7.4%	85.0%
1992	2,617	2,313	473	146	na	349	64	30	5,993	73,397	85,956	3.9%	7.0%	85.4%
1993	2,892	2,260	479	171	na	364	66	31	6,262	74,836	87,603	3.8%	7.1%	85.4%
1994	2,683	2,324	515	190	na	338	69	36	6,155	76,258	89,260	3.9%	6.9%	85.4%
1995	3,205	2,370	531	202	na	294	70	33	6,705	77,258	91,173	3.8%	7.4%	84.7%
1996	3,590	2,437	577	145	na	316	71	33	7,168	79,783	94,175	3.8%	7.6%	84.7%
1997	3,640	2,371	551	187	na	325	70	34	7,178	80,874	94,765	3.7%	7.6%	85.3%
1998	3,297	2,184	542	205	na	328	70	31	6,657	81,370	95,183	3.5%	7.0%	85.5%
1999	3,268	2,214	540	213	na	331	69	46	6,681	82,428	96,817	3.5%	6.9%	85.1%
2000	2,811	2,262	511	241	na	317	66	57	6,264	84,733	98,975	3.5%	6.3%	85.6%
2001	2,242	2,006	364	258	na	311	65	70	5,315	82,903	96,326	3.2%	5.5%	86.1%
2002	2,689	1,995	402	309	na	328	64	105	5,893	83,750	97,858	3.3%	6.0%	85.6%
2003	2,825	2,002	401	414	na	331	64	115	6,151	84,078	98,209	3.4%	6.3%	85.6%
2004	2,690	2,121	389	513	na	341	65	142	6,261	85,830	100,351	3.6%	6.2%	85.5%
2005	2,703	2,116	403	594	na	343	66	178	6,404	86,043	100,691	3.7%	6.4%	85.5%
2006	2,889	2,114	404	758	na	349	70	258	6,844	84,760	99,873	4.0%	6.9%	84.9%

Source: [EIA, Annual Energy Review](#)

Figure 6.2 - Percentage of U.S. Renewable and Fossil Fuel Energy Consumption, 1949-2006

