

Table 6.5 U.S. Renewable Energy Consumption by Source, 1949-2008
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	Biofuels									
1949	1,425	1,549	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	2,978	31,632	34,616	4.5%	8.6%	91.4%
1951	1,424	1,535	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	2,940	33,800	36,748	4.0%	8.0%	92.0%
1953	1,413	1,419	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	2,754	33,877	36,639	3.8%	7.5%	92.5%
1955	1,360	1,424	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	2,851	38,888	41,754	3.4%	6.8%	93.1%
1957	1,516	1,334	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	2,915	38,717	41,645	3.2%	7.0%	93.0%
1959	1,548	1,353	na	na	na	na	na	2,901	40,550	43,466	3.1%	6.7%	93.3%
1960	1,608	1,320	na	na	1	na	na	2,929	42,137	45,087	2.9%	6.5%	93.5%
1961	1,656	1,295	na	na	2	na	na	2,953	42,758	45,739	2.8%	6.5%	93.5%
1962	1,816	1,300	na	na	2	na	na	3,119	44,681	47,828	2.7%	6.5%	93.4%
1963	1,771	1,323	na	na	4	na	na	3,098	46,509	49,646	2.7%	6.2%	93.7%
1964	1,886	1,337	na	na	5	na	na	3,228	48,543	51,817	2.6%	6.2%	93.7%
1965	2,059	1,335	na	na	4	na	na	3,398	50,577	54,017	2.5%	6.3%	93.6%
1966	2,062	1,369	na	na	4	na	na	3,435	53,514	57,017	2.4%	6.0%	93.9%
1967	2,347	1,340	na	na	7	na	na	3,694	55,127	58,908	2.3%	6.3%	93.6%
1968	2,349	1,419	na	na	9	na	na	3,778	58,502	62,419	2.3%	6.1%	93.7%
1969	2,648	1,440	na	na	13	na	na	4,102	61,362	65,621	2.2%	6.3%	93.5%
1970	2,634	1,429	2	na	11	na	na	4,076	63,522	67,844	2.1%	6.0%	93.6%
1971	2,824	1,430	2	na	12	na	na	4,268	64,596	69,289	2.1%	6.2%	93.2%
1972	2,864	1,501	2	na	31	na	na	4,398	67,696	72,704	2.1%	6.0%	93.1%
1973	2,861	1,527	2	na	43	na	na	4,433	70,316	75,708	2.1%	5.9%	92.9%
1974	3,177	1,538	2	na	53	na	na	4,769	67,906	73,991	2.2%	6.4%	91.8%
1975	3,155	1,497	2	na	70	na	na	4,723	65,355	71,999	2.2%	6.6%	90.8%
1976	2,976	1,711	2	na	78	na	na	4,768	69,104	76,012	2.4%	6.3%	90.9%
1977	2,333	1,837	2	na	77	na	na	4,249	70,989	78,000	2.5%	5.4%	91.0%
1978	2,937	2,036	1	na	64	na	na	5,039	71,856	79,986	2.6%	6.3%	89.8%
1979	2,931	2,150	2	na	84	na	na	5,166	72,892	80,903	2.8%	6.4%	90.1%
1980	2,900	2,474	2	na	110	na	na	5,485	69,826	78,122	3.3%	7.0%	89.4%
1981	2,758	2,496	88	13	123	na	na	5,478	67,570	76,168	3.6%	7.2%	88.7%
1982	3,266	2,510	119	35	105	na	na	6,034	63,888	73,153	3.8%	8.2%	87.3%
1983	3,527	2,684	157	64	129	na	0	6,562	63,154	73,039	4.2%	9.0%	86.5%
1984	3,386	2,686	208	79	165	0	0	6,524	66,504	76,715	4.1%	8.5%	86.7%
1985	2,970	2,687	236	95	198	0	0	6,187	66,091	76,493	4.2%	8.1%	86.4%
1986	3,071	2,562	263	109	219	0	0	6,225	66,031	76,759	4.1%	8.1%	86.0%
1987	2,635	2,463	289	125	229	0	0	5,741	68,522	79,175	3.9%	7.3%	86.5%
1988	2,334	2,577	315	127	217	0	0	5,570	71,556	82,822	3.9%	6.7%	86.4%
1989	2,837	2,680	354	128	317	55	22	6,394	72,913	84,946	4.2%	7.5%	85.8%
1990	3,046	2,216	408	113	336	60	29	6,208	72,333	84,654	3.7%	7.3%	85.4%
1991	3,016	2,214	440	131	346	63	31	6,240	71,880	84,609	3.8%	7.4%	85.0%
1992	2,617	2,313	473	148	349	64	30	5,995	73,397	85,958	3.9%	7.0%	85.4%
1993	2,892	2,260	479	173	364	66	31	6,264	74,836	87,605	3.8%	7.2%	85.4%
1994	2,683	2,324	515	192	338	69	36	6,157	76,258	89,261	3.9%	6.9%	85.4%
1995	3,205	2,370	531	204	294	70	33	6,707	77,258	91,174	3.8%	7.4%	84.7%
1996	3,590	2,437	577	146	316	71	33	7,169	79,783	94,176	3.8%	7.6%	84.7%
1997	3,640	2,371	551	187	325	70	34	7,178	80,874	94,766	3.7%	7.6%	85.3%
1998	3,297	2,184	542	205	328	70	31	6,658	81,370	95,183	3.5%	7.0%	85.5%
1999	3,268	2,214	540	213	331	69	46	6,681	82,428	96,817	3.5%	6.9%	85.1%
2000	2,811	2,262	511	241	317	66	57	6,264	84,733	98,975	3.5%	6.3%	85.6%
2001	2,242	2,006	364	258	311	65	70	5,316	82,903	96,326	3.2%	5.5%	86.1%
2002	2,689	1,995	402	309	328	64	105	5,894	83,750	97,858	3.3%	6.0%	85.6%
2003	2,825	2,002	401	413	331	64	115	6,150	84,078	98,209	3.4%	6.3%	85.6%
2004	2,690	2,121	389	513	341	65	142	6,260	85,830	100,351	3.6%	6.2%	85.5%
2005	2,703	2,136	403	594	343	66	178	6,423	85,817	100,485	3.7%	6.4%	85.4%
2006	2,869	2,152	414	795	343	72	264	6,908	84,690	99,875	4.0%	6.9%	84.8%
2007	2,446	2,142	430	1,025	349	81	341	6,814	86,176	101,554	4.3%	6.7%	84.9%
2008*	2,452	2,041	431	1,413	358	91	514	7,300	83,436	99,304	4.9%	7.4%	84.0%

*Preliminary

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

Figure 6.2 - Percentage of U.S. Renewable and Fossil Fuel Energy Consumption, 1949-2008

