

**Table 10.1 Renewable Energy Production and Consumption by Source**  
(Trillion Btu)

	Production <sup>a</sup>			Consumption								
	Biomass		Total Renewable Energy <sup>d</sup>	Hydroelectric Power <sup>e</sup>	Geothermal <sup>f</sup>	Solar/PV <sup>g</sup>	Wind <sup>h</sup>	Biomass				Total Renewable Energy
	Bio-fuels <sup>b</sup>	Total <sup>c</sup>						Wood <sup>i</sup>	Waste <sup>j</sup>	Bio-fuels <sup>k</sup>	Total	
<b>1973 Total</b> .....	NA	1,529	4,433	2,861	43	NA	NA	1,527	2	NA	1,529	4,433
<b>1975 Total</b> .....	NA	1,499	4,723	3,155	70	NA	NA	1,497	2	NA	1,499	4,723
<b>1980 Total</b> .....	NA	2,475	5,485	2,900	110	NA	NA	2,474	2	NA	2,475	5,485
<b>1985 Total</b> .....	93	3,016	6,185	2,970	198	(s)	(s)	2,687	236	93	3,016	6,185
<b>1990 Total</b> .....	111	2,735	6,206	3,046	336	60	29	2,216	408	111	2,735	6,206
<b>1995 Total</b> .....	200	3,102	6,703	3,205	294	70	33	2,370	531	202	3,104	6,705
<b>1996 Total</b> .....	143	3,157	7,167	3,590	316	71	33	2,437	577	145	3,159	7,168
<b>1997 Total</b> .....	190	3,111	7,180	3,640	325	70	34	2,371	551	187	3,108	7,178
<b>1998 Total</b> .....	206	2,933	6,659	3,297	328	70	31	2,184	542	205	2,931	6,657
<b>1999 Total</b> .....	215	2,969	6,683	3,268	331	69	46	2,214	540	213	2,967	6,681
<b>2000 Total</b> .....	238	3,010	6,262	2,811	317	66	57	2,262	511	241	3,013	6,264
<b>2001 Total</b> .....	260	2,629	5,318	2,242	311	65	70	2,006	364	258	2,627	5,316
<b>2002 Total</b> .....	315	2,712	5,899	2,689	328	64	105	1,995	402	309	2,706	5,893
<b>2003 Total</b> .....	412	2,815	6,149	2,825	331	64	115	2,002	401	414	2,817	6,150
<b>2004 Total</b> .....	501	3,011	6,248	2,690	341	65	142	2,121	389	513	3,023	6,261
<b>2005 Total</b> .....	582	3,141	6,431	2,703	343	66	178	2,156	403	595	3,154	6,444
<b>2006</b> January .....	56	286	617	272	29	6	24	194	36	55	285	615
February .....	53	256	552	246	26	5	19	170	32	51	254	550
March .....	59	274	578	244	30	6	23	182	34	58	273	576
April .....	55	259	600	283	27	6	25	172	32	57	261	602
May .....	59	270	633	306	26	6	24	177	35	65	277	640
June .....	62	271	621	295	28	6	20	176	33	71	281	630
July .....	63	284	592	252	30	6	19	186	35	69	290	598
August .....	66	287	555	216	30	7	16	186	35	72	293	561
September .....	65	277	501	171	29	6	19	179	33	71	283	507
October .....	67	285	514	169	30	6	24	184	34	75	292	521
November .....	67	280	540	201	28	6	25	179	34	73	287	547
December .....	72	293	568	214	30	6	25	186	35	78	299	574
<b>Total</b> .....	<b>745</b>	<b>3,324</b>	<b>6,872</b>	<b>2,869</b>	<b>343</b>	<b>72</b>	<b>264</b>	<b>2,172</b>	<b>407</b>	<b>795</b>	<b>3,374</b>	<b>6,922</b>
<b>2007</b> January .....	73	296	620	262	31	6	24	186	37	78	301	624
February .....	68	272	517	185	28	6	25	171	34	71	275	520
March .....	75	293	600	241	29	7	30	181	37	79	297	604
April .....	74	287	590	237	28	7	32	180	33	76	289	592
May .....	80	296	617	257	28	7	28	180	36	82	298	618
June .....	80	293	581	227	30	7	24	177	36	83	296	583
July .....	85	307	588	224	30	7	19	184	37	88	310	590
August .....	88	307	567	198	30	7	24	182	37	90	309	569
September .....	87	299	507	145	29	7	26	176	36	87	299	507
October .....	92	308	523	147	30	7	30	183	34	96	312	526
November .....	93	308	527	156	29	6	27	179	36	95	311	529
December .....	97	321	570	183	30	6	28	186	38	100	324	573
<b>Total</b> .....	<b>993</b>	<b>3,589</b>	<b>6,805</b>	<b>2,463</b>	<b>353</b>	<b>80</b>	<b>319</b>	<b>2,165</b>	<b>431</b>	<b>1,024</b>	<b>3,620</b>	<b>6,835</b>
<b>2008</b> January .....	101	311	605	222	28	6	37	175	34	102	312	606
February .....	96	293	558	201	26	6	32	165	33	98	295	561
March .....	110	312	616	227	29	7	41	166	35	108	310	614
April .....	108	308	607	219	29	7	45	165	35	112	313	612
May .....	118	323	684	280	30	7	44	170	35	119	324	685
June .....	113	318	704	306	30	7	43	170	35	118	323	708
July .....	123	335	662	257	30	7	32	177	36	124	337	663
August .....	129	340	608	205	30	7	26	176	35	130	341	609
September .....	123	326	550	164	29	7	24	169	33	128	331	554
<b>9-Month Total</b> .....	<b>1,021</b>	<b>2,865</b>	<b>5,593</b>	<b>2,080</b>	<b>261</b>	<b>63</b>	<b>324</b>	<b>1,533</b>	<b>311</b>	<b>1,040</b>	<b>2,885</b>	<b>5,612</b>
<b>2007 9-Month Total</b> .....	<b>712</b>	<b>2,652</b>	<b>5,186</b>	<b>1,976</b>	<b>263</b>	<b>61</b>	<b>233</b>	<b>1,617</b>	<b>323</b>	<b>733</b>	<b>2,673</b>	<b>5,207</b>
<b>2006 9-Month Total</b> .....	<b>539</b>	<b>2,465</b>	<b>5,249</b>	<b>2,285</b>	<b>254</b>	<b>55</b>	<b>190</b>	<b>1,623</b>	<b>304</b>	<b>569</b>	<b>2,496</b>	<b>5,279</b>

<sup>a</sup> Production equals consumption for all renewable energy sources except biofuels.

<sup>b</sup> Total biomass inputs to the production of fuel ethanol and biodiesel.

<sup>c</sup> Wood and wood-derived fuels, biomass waste, fuel ethanol, and biodiesel.

<sup>d</sup> Hydroelectric power, geothermal, solar/photovoltaic, wind, and biomass.

<sup>e</sup> Conventional hydroelectricity net generation (converted to Btu using the fossil-fueled plants heat rate).

<sup>f</sup> Geothermal electricity net generation (converted to Btu using the geothermal energy plants heat rate), and geothermal heat pump and direct use energy.

<sup>g</sup> Solar thermal and photovoltaic electricity net generation (converted to Btu using the fossil-fueled plants heat rate), and solar thermal direct use energy.

<sup>h</sup> Wind electricity net generation (converted to Btu using the fossil-fueled plants heat rate).

<sup>i</sup> Wood and wood-derived fuels.

<sup>j</sup> Municipal solid waste from biogenic sources, landfill gas, sludge waste,

agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

<sup>k</sup> Fuel ethanol and biodiesel consumption, plus losses and co-products from the production of fuel ethanol and biodiesel.

NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • Most data for the residential, commercial, industrial, and transportation sectors are estimates. See notes and sources for Tables 10.2a and 10.2b. • See Note, "Renewable Energy Production and Consumption," at end of section.

• Totals may not equal sum of components due to independent rounding.

• Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.doe.gov/emeu/mer/renew.html> for all available data beginning in 1973.

Sources: Tables 10.2a-c, 10.3, and 10.4.