

**Table 10.2b Renewable Energy Consumption: Industrial and Transportation Sectors**  
(Trillion Btu)

	Industrial Sector <sup>a</sup>								Transportation Sector		
	Hydro-electric Power <sup>b</sup>	Geo-thermal <sup>c</sup>	Biomass					Total	Biomass		
			Wood <sup>d</sup>	Waste <sup>e</sup>	Fuel Ethanol <sup>f</sup>	Losses and Co-products <sup>g</sup>	Total		Fuel Ethanol <sup>h</sup>	Bio-diesel <sup>i</sup>	Total
<b>1973 Total</b> .....	35	NA	1,165	NA	NA	NA	1,165	1,200	NA	NA	NA
<b>1975 Total</b> .....	32	NA	1,063	NA	NA	NA	1,063	1,096	NA	NA	NA
<b>1980 Total</b> .....	33	NA	1,600	NA	NA	NA	1,600	1,633	NA	NA	NA
<b>1985 Total</b> .....	33	NA	1,645	230	1	43	1,919	1,952	51	NA	51
<b>1990 Total</b> .....	31	2	1,442	192	1	50	1,685	1,718	62	NA	62
<b>1995 Total</b> .....	55	3	1,652	195	2	87	1,936	1,994	115	NA	115
<b>1996 Total</b> .....	61	3	1,683	224	1	62	1,970	2,034	82	NA	82
<b>1997 Total</b> .....	58	3	1,731	184	1	82	1,998	2,059	104	NA	104
<b>1998 Total</b> .....	55	3	1,603	180	1	88	1,873	1,931	115	NA	115
<b>1999 Total</b> .....	49	4	1,620	171	1	92	1,883	1,936	120	NA	120
<b>2000 Total</b> .....	42	4	1,636	145	1	101	1,884	1,930	138	NA	138
<b>2001 Total</b> .....	33	5	1,443	129	3	110	1,684	1,721	144	1	145
<b>2002 Total</b> .....	39	5	1,396	146	3	133	1,679	1,722	171	2	173
<b>2003 Total</b> .....	43	3	1,363	142	5	173	1,684	1,730	233	2	234
<b>2004 Total</b> .....	33	4	1,476	132	6	210	1,824	1,860	292	3	295
<b>2005 Total</b> .....	32	4	1,452	148	7	240	1,847	1,883	334	12	346
<b>2006 Total</b> .....	29	4	1,515	147	10	300	1,972	2,005	451	33	484
<b>2007</b>											
January .....	2	(s)	125	16	1	30	172	174	44	4	49
February .....	1	(s)	114	14	1	28	157	158	41	3	43
March .....	2	(s)	122	16	1	31	169	171	44	3	48
April .....	2	(s)	122	13	1	30	166	168	42	2	44
May .....	2	(s)	122	13	1	32	168	170	45	3	48
June .....	1	(s)	118	12	1	32	164	165	46	5	51
July .....	1	(s)	125	13	1	34	172	173	48	3	52
August .....	1	(s)	121	13	1	35	170	171	49	6	54
September .....	1	(s)	118	12	1	34	165	166	47	5	52
October .....	1	(s)	122	13	1	37	173	175	53	6	59
November .....	1	(s)	121	13	1	37	172	174	53	1	54
December .....	2	(s)	128	14	1	39	182	183	56	4	60
<b>Total</b> .....	<b>16</b>	<b>5</b>	<b>1,457</b>	<b>162</b>	<b>10</b>	<b>399</b>	<b>2,028</b>	<b>2,048</b>	<b>568</b>	<b>46</b>	<b>614</b>
<b>2008</b>											
January .....	2	(s)	111	13	1	41	167	169	54	5	59
February .....	2	(s)	105	13	1	40	159	162	56	4	60
March .....	2	(s)	103	13	1	45	162	165	58	2	61
April .....	2	(s)	107	13	1	44	165	167	64	3	67
May .....	2	(s)	110	13	1	48	172	174	66	3	69
June .....	1	(s)	109	13	1	45	168	170	67	2	69
July .....	1	(s)	112	13	1	49	176	178	71	5	76
August .....	1	(s)	112	13	1	51	178	180	72	6	78
September .....	1	(s)	107	13	1	50	171	172	71	6	77
October .....	1	(s)	111	13	1	51	177	178	75	6	80
November .....	1	(s)	106	13	1	52	171	173	71	6	76
December .....	2	(s)	104	13	1	52	171	173	76	5	80
<b>Total</b> .....	<b>19</b>	<b>5</b>	<b>1,298</b>	<b>157</b>	<b>14</b>	<b>568</b>	<b>2,036</b>	<b>2,060</b>	<b>799</b>	<b>53</b>	<b>852</b>
<b>2009</b>											
January .....	2	(s)	104	13	1	50	168	170	69	(s)	69
February .....	1	(s)	94	11	1	46	153	155	58	(s)	58
March .....	2	(s)	101	14	1	51	166	168	69	4	73
April .....	2	(s)	97	13	1	49	160	162	70	4	74
May .....	2	(s)	97	13	1	53	165	167	77	3	80
June .....	2	(s)	98	13	1	53	165	167	75	R 4	R 79
July .....	1	(s)	106	13	1	58	178	180	80	3	84
<b>7-Month Total</b> .....	<b>12</b>	<b>3</b>	<b>697</b>	<b>90</b>	<b>9</b>	<b>359</b>	<b>1,155</b>	<b>1,170</b>	<b>498</b>	<b>19</b>	<b>517</b>
<b>2008 7-Month Total</b> .....	<b>13</b>	<b>3</b>	<b>758</b>	<b>92</b>	<b>8</b>	<b>312</b>	<b>1,169</b>	<b>1,185</b>	<b>435</b>	<b>24</b>	<b>460</b>
<b>2007 7-Month Total</b> .....	<b>11</b>	<b>3</b>	<b>847</b>	<b>97</b>	<b>5</b>	<b>216</b>	<b>1,166</b>	<b>1,179</b>	<b>311</b>	<b>23</b>	<b>334</b>

<sup>a</sup> Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7.

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

<sup>c</sup> Geothermal heat pump and direct use energy.

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

<sup>e</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>f</sup> The ethanol portion of motor fuels (such as E10) consumed by the industrial sector.

<sup>g</sup> Losses and co-products from the production of fuel ethanol and biodiesel. Does not include natural gas, electricity, and other non-biomass energy used in the

production of fuel ethanol and biodiesel—these are included in the industrial sector consumption statistics for the appropriate energy source.

<sup>h</sup> The ethanol portion of motor fuels (such as E10 and E85) consumed by the transportation sector.

<sup>i</sup> "Biodiesel" is any liquid biofuel suitable as a diesel fuel substitute, additive, or extender. See "Biodiesel" in Glossary.

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

Notes: • Data are estimates, except for industrial sector hydroelectric power in 1973-1978 and 1989 forward. • 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: See end of section.