

**Table 2.4 Industrial Sector Energy Consumption**  
(Quadrillion Btu)

	Primary Consumption								Total Primary	Electricity Retail Sales <sup>h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>c</sup>
	Fossil Fuels				Renewable Energy <sup>a</sup>							
	Coal	Natural Gas <sup>b</sup>	Petroleum	Total <sup>c</sup>	Hydro-power <sup>d</sup>	Wood <sup>e</sup> and Waste <sup>f</sup>	Geo-thermal <sup>g</sup>	Total				
1973 Total	4.057	10.388	9.104	23.541	0.035	1.165	NA	1.200	24.741	2.341	5.571	32.653
1974 Total	3.870	10.004	8.694	22.624	.033	1.159	NA	1.192	23.816	2.337	5.666	31.819
1975 Total	3.667	8.532	8.146	20.359	.032	1.063	NA	1.096	21.454	2.346	5.647	29.447
1976 Total	3.661	8.762	9.010	21.432	.033	1.220	NA	1.253	22.685	2.573	6.171	31.429
1977 Total	3.454	8.635	9.774	21.879	.033	1.281	NA	1.314	23.193	2.682	6.432	32.307
1978 Total	3.314	8.539	9.867	21.845	.032	1.400	NA	1.432	23.277	2.761	6.696	32.733
1979 Total	3.593	8.549	10.568	22.773	.034	1.405	NA	1.439	24.211	2.873	6.878	33.962
1980 Total	3.155	8.395	9.525	21.040	.033	1.600	NA	1.633	22.673	2.781	6.698	32.152
1981 Total	3.157	8.257	8.285	19.682	.033	1.689	NA	1.722	21.404	2.817	6.615	30.836
1982 Total	2.552	7.121	7.794	17.446	.033	1.634	NA	1.667	19.112	2.542	6.050	27.704
1983 Total	2.490	6.826	7.420	16.720	.033	1.845	NA	1.879	18.598	2.648	6.265	27.511
1984 Total	2.842	7.448	8.014	18.292	.033	1.883	NA	1.916	20.208	2.859	6.576	29.643
1985 Total	2.760	7.080	7.805	17.632	.033	1.875	NA	1.908	19.540	2.855	6.563	28.958
1986 Total	2.641	6.690	7.920	17.234	.033	1.866	NA	1.899	19.133	2.834	6.408	28.375
1987 Total	2.673	7.323	8.151	18.155	.033	1.858	NA	1.891	20.046	2.928	6.545	29.519
1988 Total	2.828	7.696	8.430	18.993	.033	1.933	NA	1.965	20.958	3.059	6.801	30.818
1989 Total	2.787	8.131	8.126	19.074	.028	1.784	.002	1.814	20.888	3.158	7.349	31.396
1990 Total	2.756	8.502	8.305	19.568	.031	1.634	.002	1.667	21.235	3.226	7.457	31.918
1991 Total	2.601	8.619	8.047	19.277	.030	1.595	.002	1.626	20.903	3.230	7.394	31.527
1992 Total	2.515	8.967	8.616	20.133	.031	1.640	.002	1.672	21.806	3.319	7.548	32.673
1993 Total	2.496	9.120	8.398	20.042	.030	1.664	.002	1.696	21.738	3.334	7.596	32.668
1994 Total	2.510	9.172	8.792	20.532	.062	1.779	.003	1.844	22.376	3.439	7.742	33.557
1995 Total	2.488	9.637	8.552	20.738	.055	1.847	.003	1.905	22.643	3.455	7.842	33.941
1996 Total	2.434	9.947	8.989	21.393	.061	1.907	.003	1.971	23.364	3.527	8.014	34.905
1997 Total	2.395	9.976	9.214	21.632	.058	1.915	.003	1.976	23.608	3.542	8.017	35.167
1998 Total	2.335	9.806	9.017	21.226	.055	1.784	.003	1.841	23.067	3.587	8.124	34.777
1999 Total	2.227	9.415	9.284	20.983	.049	1.791	.004	1.843	22.826	3.611	8.242	34.679
2000 Total	2.256	9.535	9.055	20.912	.042	1.781	.004	1.828	22.740	3.631	8.245	34.616
2001 Total	2.230	8.725	9.220	20.204	.032	1.593	.005	1.630	21.834	3.290	7.404	32.527
2002 January	.175	.810	.837	1.821	.003	.145	(s)	.149	1.970	.261	.568	2.799
February	.173	.743	.757	1.676	.003	.128	(s)	.131	1.807	.261	.544	2.611
March	.177	.779	.826	1.789	.003	.135	(s)	.138	1.928	.267	.605	2.799
April	.168	.768	.738	1.668	.003	.135	(s)	.139	1.807	.269	.605	2.682
May	.170	.731	.788	1.693	.003	.144	(s)	.147	1.840	.281	.652	2.772
June	.169	.710	.732	1.612	.003	.136	(s)	.139	1.751	.281	.655	2.687
July	.170	.726	.764	1.670	.003	.151	(s)	.154	1.824	.292	.674	2.791
August	.173	.729	.790	1.699	.003	.138	(s)	.141	1.841	.296	.659	2.795
September	.172	.686	.743	1.610	.002	.145	(s)	.148	1.758	.287	.606	2.651
October	.185	.728	.806	1.725	.003	.156	(s)	.159	1.884	.286	.616	2.786
November	.180	.746	.785	1.721	.005	.143	(s)	.148	1.869	.270	.617	2.755
December	.180	.780	.698	1.662	.005	.149	(s)	.155	1.817	.266	.618	2.701
Total	2.094	8.931	9.262	20.348	.039	1.705	.005	1.748	22.096	3.317	7.416	32.830
2003 January	.179	R .795	.840	R 1.816	.004	.129	(s)	.134	R 1.949	.274	.598	R 2.822
February	.179	R .741	.785	R 1.719	.004	.122	(s)	.126	R 1.844	.266	.544	R 2.654
March	.184	R .722	.807	R 1.717	.005	.144	(s)	.149	R 1.866	.269	.597	R 2.733
April	.175	R .677	.775	R 1.631	.004	.137	(s)	.142	R 1.772	.275	.608	R 2.655
May	.172	R .663	.769	R 1.607	.005	.135	(s)	.141	R 1.748	.281	.654	R 2.683
June	.175	R .611	.719	R 1.509	.005	.138	(s)	.143	R 1.652	.288	.655	R 2.595
July	.178	R .681	.761	R 1.624	.005	.143	(s)	.148	R 1.772	.294	.662	R 2.728
August	.176	R .685	.778	R 1.639	.005	.139	(s)	.144	R 1.783	.303	.672	R 2.759
September	.176	R .665	.763	R 1.609	.004	.133	(s)	.137	R 1.746	.288	.576	R 2.611
October	.183	R .704	.831	R 1.722	.004	.153	(s)	.157	R 1.880	.292	.630	R 2.801
November	.184	R .697	.781	R 1.666	.004	.166	(s)	.170	R 1.836	.278	.633	R 2.747
December	.187	R .748	.792	R 1.733	.006	.151	(s)	.158	R 1.891	.275	.628	R 2.794
Total	2.149	R 8.390	9.402	R 19.991	.057	1.689	.005	1.750	R 21.741	3.383	7.453	R 32.577
2004 January	.185	.796	.827	1.812	.005	.150	(s)	.156	1.968	R .274	R .622	R 2.864
February	.181	.752	.812	1.754	.004	.138	(s)	.142	1.896	R .271	.587	R 2.755
March	.188	.739	.830	1.767	.004	.141	(s)	.145	1.912	R .284	R .617	R 2.813
April	.173	R .690	.753	R 1.639	.004	.145	(s)	.149	R 1.788	R .285	.617	R 2.690
May	.173	R .669	.818	R 1.697	.004	.139	(s)	.143	R 1.840	.299	R .709	R 2.848
June	.171	R .660	.752	R 1.604	.003	R .138	(s)	R .141	R 1.745	R .298	R .662	R 2.704
July	.181	.668	.780	1.639	.003	.144	(s)	.147	1.786	.302	.677	2.766
7-Month Total	1.252	4.973	5.573	11.911	.028	.994	.003	1.025	12.936	2.014	4.490	19.440
2003 7-Month Total	1.243	4.890	5.457	11.622	.033	.947	.003	.983	12.605	1.947	4.318	18.871
2002 7-Month Total	1.203	5.262	5.440	11.930	.020	.974	.003	.997	12.927	1.912	4.303	19.142

<sup>a</sup> All values are estimated; see Table 10.2b.  
<sup>b</sup> Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.  
<sup>c</sup> Includes coal coke net imports, which are not separately displayed. See Table 1.4.  
<sup>d</sup> Conventional hydroelectric power.  
<sup>e</sup> Wood, black liquor, and other wood waste.  
<sup>f</sup> Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

<sup>g</sup> Geothermal heat pump and direct use energy.  
<sup>h</sup> Electricity retail sales to ultimate customers reported by electric utilities and other energy service providers.  
<sup>i</sup> See Note 12 at end of section.  
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.  
Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.  
Web Page: <http://www.eia.doe.gov/emeu/mer/consump.html>.  
Additional Notes and Sources: See end of section.