

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a											Elec- tricity Retail Sales ⁱ	Electrical System Energy Losses ^j	Total ^l
	Fossil Fuels ^b				Renewable Energy ^c									
	Coal	Natural Gas ^d	Petro- leum ^e	Total ^f	Hydro- electric Power ^g	Geo- thermal	Solar ^h	Wind	Bio- mass	Total	Total Primary			
1950 Total	5,781	3,546	3,960	13,288	69	NA	NA	NA	532	602	13,890	500	1,852	16,241
1955 Total	5,620	4,701	5,123	15,434	38	NA	NA	NA	631	669	16,103	887	2,495	19,485
1960 Total	4,543	5,973	5,766	16,277	39	NA	NA	NA	680	719	16,996	1,107	2,739	20,842
1965 Total	5,127	7,339	6,813	19,260	33	NA	NA	NA	855	888	20,148	1,463	3,487	25,098
1970 Total	4,656	9,536	7,776	21,911	34	NA	NA	NA	1,019	1,053	22,964	1,948	4,716	29,628
1975 Total	3,667	8,532	8,127	20,339	32	NA	NA	NA	1,063	1,096	21,434	2,346	5,632	29,413
1980 Total	3,155	8,333	9,509	20,962	33	NA	NA	NA	1,600	1,633	22,595	2,781	6,664	32,039
1985 Total	2,760	7,032	7,714	17,492	33	NA	NA	NA	1,918	1,951	19,443	2,855	6,518	28,816
1990 Total	2,756	8,443	8,251	19,455	31	2	(s)	-	1,684	1,717	21,172	3,226	7,404	31,802
1995 Total	2,488	9,592	8,585	20,726	55	3	(s)	-	1,934	1,992	22,718	3,455	7,796	33,970
2000 Total	2,256	9,500	9,073	20,895	42	4	(s)	-	1,881	1,928	22,823	3,631	8,208	34,662
2001 Total	2,192	8,676	9,177	20,074	33	5	(s)	-	1,681	1,719	21,793	3,400	7,526	32,719
2002 Total	2,019	8,832	9,167	20,078	39	5	(s)	-	1,676	1,720	21,798	3,379	7,484	32,661
2003 Total	2,041	8,488	9,229	19,809	43	3	(s)	-	1,678	1,725	21,534	3,454	7,565	32,553
2004 Total	2,047	8,550	9,825	20,560	33	4	(s)	-	1,815	1,852	22,411	3,473	7,631	33,516
2005 Total	1,954	7,907	9,634	19,540	32	4	(s)	-	1,834	1,871	21,410	3,477	7,554	32,442
2006 Total	1,914	7,861	9,767	19,603	29	4	1	-	1,892	1,926	21,529	3,451	7,411	32,391
2007 Total	1,865	8,074	9,442	19,405	16	5	1	-	1,937	1,958	21,363	3,507	7,515	32,385
2008 Total	1,793	8,083	8,576	18,493	17	5	1	-	2,012	2,035	20,528	3,444	7,362	31,334
2009 Total	1,392	7,609	7,806	16,784	18	4	2	-	1,948	1,972	18,756	3,130	6,580	28,466
2010 Total	1,631	8,278	8,175	18,078	16	4	3	-	2,320	2,343	20,421	3,314	6,934	30,669
2011 Total	1,561	8,481	8,138	18,191	17	4	4	(s)	2,375	2,401	20,591	3,382	7,005	30,979
2012 Total	1,513	8,819	8,166	18,502	22	4	7	(s)	2,349	2,382	20,884	3,363	6,810	31,057
2013 Total	1,546	9,140	8,360	19,029	33	4	9	(s)	2,403	2,449	21,478	3,362	6,785	31,625
2014 Total	1,530	9,441	8,126	19,076	12	4	11	1	2,456	2,484	21,560	3,404	6,832	31,796
2015 Total	1,380	9,426	8,246	19,034	13	4	14	(s)	2,460	2,491	21,525	3,366	6,578	31,469
2016 January	102	889	729	1,719	1	(s)	1	(s)	209	212	1,932	269	534	2,734
February	103	821	717	1,641	1	(s)	1	(s)	197	200	1,840	262	485	2,587
March	105	828	707	1,640	1	(s)	2	(s)	206	210	1,850	270	504	2,625
April	97	779	651	1,527	1	(s)	2	(s)	193	196	1,723	268	516	2,507
May	99	775	651	1,524	1	(s)	2	(s)	204	207	1,731	278	557	2,566
June	100	746	663	1,508	1	(s)	2	(s)	202	205	1,714	285	578	2,577
July	101	779	665	1,543	1	(s)	2	(s)	208	211	1,755	297	600	2,651
August	99	789	747	1,632	1	(s)	2	(s)	209	213	1,845	304	583	2,732
September	98	759	686	1,541	1	(s)	2	(s)	197	200	1,741	284	519	2,544
October	99	782	726	1,605	1	(s)	2	(s)	204	207	1,811	278	522	2,611
November	99	811	695	1,601	1	(s)	1	(s)	206	208	1,809	268	512	2,589
December	103	897	713	1,711	1	(s)	1	(s)	231	234	1,945	268	548	2,761
Total	1,205	9,657	8,350	19,194	12	4	19	1	2,467	2,503	21,696	3,333	6,461	31,490
2017 January	100	894	726	1,717	1	(s)	1	(s)	215	218	1,935	259	513	2,707
February	99	793	620	1,510	1	(s)	1	(s)	196	199	1,709	246	462	2,417
March	100	855	726	1,680	1	(s)	2	(s)	210	213	1,893	265	531	2,688
April	97	782	687	1,565	1	(s)	2	(s)	198	202	1,767	259	505	2,531
May	99	787	711	1,595	1	(s)	2	(s)	204	208	1,804	273	552	2,629
June	97	769	691	1,554	1	(s)	2	(s)	202	206	1,760	281	560	2,600
July	103	787	723	1,612	1	(s)	3	(s)	209	213	1,825	287	575	2,687
August	103	800	701	1,601	1	(s)	2	(s)	214	218	1,819	293	558	2,670
September	101	775	682	1,556	1	(s)	2	(s)	198	201	1,758	274	508	2,540
October	100	822	695	1,612	1	(s)	2	(s)	207	210	1,822	271	524	2,617
November	100	861	730	1,687	1	(s)	2	(s)	209	212	1,899	260	518	2,678
December	103	939	696	1,734	1	(s)	1	(s)	218	221	1,955	262	539	2,756
Total	1,201	9,862	8,390	19,425	13	4	24	1	2,480	2,522	21,946	3,229	6,345	31,521
2018 January	98	948	805	1,847	1	(s)	2	(s)	213	216	2,063	259	516	2,839
February	94	853	670	1,615	1	(s)	2	(s)	196	199	1,814	246	459	2,518
March	99	909	776	1,782	1	(s)	2	(s)	210	214	1,996	262	514	2,771
April	92	864	680	1,634	1	(s)	2	(s)	203	207	1,841	257	501	2,598
4-Month Total	383	3,574	2,930	6,878	4	1	8	(s)	822	836	7,714	1,024	1,989	10,727
2017 4-Month Total	396	3,323	2,760	6,472	4	1	7	(s)	819	832	7,304	1,028	2,011	10,343
2016 4-Month Total	408	3,317	2,805	6,527	5	1	6	(s)	806	818	7,345	1,070	2,039	10,453

^a See "Primary Energy Consumption" in Glossary.
^b Includes non-combustion use of fossil fuels.
^c See Table 10.2b for notes on series components and estimation.
^d Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
^e Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."
^f Includes coal coke net imports, which are not separately displayed. See Tables 1.4a and 1.4b.
^g Conventional hydroelectric power.
^h Solar photovoltaic (PV) electricity net generation in the industrial sector, both utility-scale and distributed (small-scale). See Tables 10.2b and 10.5.
ⁱ Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^j Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total

electricity retail sales. See Note 1, "Electrical System Energy Losses," at end of section.

R=Revised. NA=Not available. --=No data reported. (s)=Less than 0.5 trillion Btu.

Notes: • Data are estimates, except for coal totals; hydroelectric power in 1949–1978 and 1989 forward; solar; wind; and electricity retail sales. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7. • See Note 2, "Energy Consumption Data and Surveys," 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.gov/totalenergy/data/monthly/#consumption> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.