

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a										Total Primary	Electricity Retail Sales ⁱ	Electrical System Energy Losses ^j	Total ^k
	Fossil Fuels ^b				Renewable Energy ^c									
	Coal	Natural Gas ^d	Petroleum ^e	Total ^f	Hydroelectric Power ^g	Geothermal	Solar ^h	Wind	Bio-mass	Total				
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	33,969
2000 Total	2,256	9,500	9,073	20,825	42	4	(s)	—	1,881	1,928	22,823	3,631	8,208	34,662
2001 Total	2,192	8,676	9,176	20,073	33	5	(s)	—	1,681	1,719	21,792	3,400	7,526	32,718
2002 Total	2,019	8,832	9,166	20,078	39	5	(s)	—	1,676	1,720	21,797	3,379	7,484	32,660
2003 Total	2,041	8,488	9,228	19,809	43	3	(s)	—	1,678	1,725	21,533	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	33,515
2005 Total	1,954	7,907	9,634	19,539	32	4	(s)	—	1,834	1,871	21,410	3,477	7,554	32,441
2006 Total	1,914	7,861	9,767	19,603	29	4	1	—	1,892	1,926	21,529	3,451	7,411	32,390
2007 Total	1,865	8,074	9,441	19,404	16	5	1	—	1,937	1,958	21,362	3,507	7,515	32,384
2008 Total	1,793	8,083	8,575	18,492	17	5	1	—	2,012	2,035	20,527	3,444	7,362	31,333
2009 Total	1,392	7,609	7,805	16,783	18	4	2	—	1,948	1,972	18,755	3,130	6,580	28,465
2010 Total	1,631	8,278	8,174	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	18,190	17	4	4	(s)	2,375	2,401	20,591	3,382	7,005	30,979
2012 Total	1,513	8,819	8,166	18,501	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 Total	1,205	9,617	8,350	19,154	12	4	19	1	2,467	2,503	21,657	3,333	6,461	31,450
2016 January	102	886	729	1,716	1	(s)	1	(s)	209	212	1,928	269	534	2,731
February	103	818	717	1,638	1	(s)	1	(s)	197	200	1,837	262	485	2,584
March	105	825	707	1,637	1	(s)	2	(s)	206	210	1,847	270	504	2,621
April	97	776	651	1,524	1	(s)	2	(s)	193	196	1,720	268	516	2,504
May	99	771	651	1,520	1	(s)	2	(s)	204	207	1,727	278	557	2,562
June	100	743	663	1,505	1	(s)	2	(s)	202	205	1,710	285	578	2,573
July	101	775	665	1,539	1	(s)	2	(s)	208	211	1,751	297	600	2,648
August	99	786	747	1,629	1	(s)	2	(s)	209	213	1,841	304	583	2,729
September	98	756	686	1,538	1	(s)	2	(s)	197	200	1,737	284	519	2,540
October	99	779	726	1,602	1	(s)	2	(s)	204	207	1,808	278	522	2,608
November	99	808	695	1,598	1	(s)	1	(s)	206	208	1,806	268	512	2,586
December	103	895	713	1,708	1	(s)	1	(s)	231	234	1,942	268	548	2,758
2017 Total	1,195	9,844	8,516	19,526	13	4	22	1	2,547	2,587	22,113	3,358	6,485	31,956
2017 January	100	891	726	1,714	1	(s)	1	(s)	220	222	1,936	269	524	2,729
February	99	792	620	1,510	1	(s)	1	(s)	196	199	1,708	254	471	2,434
March	100	856	732	1,687	1	(s)	2	(s)	216	220	1,906	275	535	2,716
April	97	784	686	1,566	1	(s)	2	(s)	203	207	1,773	269	512	2,554
May	99	785	721	1,603	1	(s)	2	(s)	211	215	1,818	284	562	2,664
June	97	767	708	1,569	1	(s)	2	(s)	208	212	1,782	291	567	2,640
July	100	783	730	1,612	1	(s)	2	(s)	216	219	1,832	300	589	2,721
August	101	797	710	1,605	1	(s)	2	(s)	220	223	1,828	304	569	2,701
September	99	772	687	1,556	1	(s)	2	(s)	203	207	1,762	285	522	2,569
October	100	821	717	1,634	1	(s)	2	(s)	214	217	1,852	283	536	2,670
November	100	861	746	1,704	1	(s)	1	(s)	216	219	1,923	271	535	2,729
December	103	934	732	1,766	1	(s)	1	(s)	223	226	1,992	274	563	2,828
2018 Total	888	7,664	6,703	15,237	9	3	20	1	1,906	1,939	17,176	2,450	4,797	24,423
2018 January	98	941	805	1,840	1	(s)	1	(s)	218	221	2,061	260	514	2,834
February	94	845	670	1,607	1	(s)	1	(s)	200	203	1,810	245	465	2,521
March	99	900	775	1,772	1	(s)	2	(s)	214	218	1,990	262	512	2,764
April	98	R 853	680	R 1,628	1	(s)	2	(s)	208	211	1,840	257	499	2,595
May	99	833	745	1,675	1	(s)	3	(s)	213	217	1,892	278	577	2,747
June	95	805	731	1,630	1	(s)	3	(s)	210	214	1,844	278	558	2,680
July	94	R 830	751	R 1,673	1	(s)	3	(s)	219	223	R 1,896	290	R 576	2,762
August	105	R 837	827	R 1,767	1	(s)	3	(s)	221	225	R 1,991	303	578	R 2,872
September	106	821	720	1,645	1	(s)	2	(s)	203	207	1,852	277	519	2,649
9-Month Total	888	7,664	6,703	15,237	9	3	20	1	1,906	1,939	17,176	2,450	4,797	24,423
2017 9-Month Total	892	7,227	6,320	14,422	10	3	18	1	1,894	1,925	16,346	2,531	4,851	23,729
2016 9-Month Total	904	7,135	6,216	14,245	9	3	15	(s)	1,826	1,854	16,099	2,518	4,876	23,493

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.