

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a											Total Primary	Electricity Retail Sales ⁱ	Electrical System Energy Losses ⁱ	Total ^f
	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	8,451	8,251	19,463	31	2	(s)	–	1,684	1,717	21,180	3,226	7,404	31,810	
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	R 8,175	R 18,078	16	4	3	–	2,320	2,343	R 20,421	3,314	6,934	R 30,669	
2011 Total	1,561	8,481	R 8,138	R 18,191	17	4	4	(s)	2,375	2,401	R 20,591	3,382	7,005	R 30,979	
2012 Total	1,513	8,819	R 8,166	R 18,502	22	4	7	(s)	2,349	2,382	R 20,884	3,363	6,810	R 31,057	
2013 Total	1,546	9,140	R 8,360	R 19,029	33	4	9	(s)	2,403	2,449	R 21,478	3,362	6,785	R 31,625	
2014 Total	1,530	9,441	R 8,126	R 19,076	12	4	11	1	2,456	2,484	R 21,560	3,404	6,832	R 31,796	
2015 Total	1,380	9,426	R 8,246	R 19,034	13	4	14	(s)	2,460	2,491	R 21,525	3,366	6,578	R 31,469	
2016 January	102	887	R 729	R 1,718	1	(s)	1	(s)	209	212	R 1,930	269	533	R 2,732	
February	103	819	R 717	R 1,639	1	(s)	1	(s)	197	200	R 1,839	262	485	R 2,586	
March	105	827	R 707	R 1,639	1	(s)	2	(s)	206	210	R 1,848	270	504	R 2,623	
April	97	778	R 651	R 1,525	1	(s)	2	(s)	193	196	R 1,722	268	515	R 2,505	
May	99	774	R 651	R 1,523	1	(s)	2	(s)	204	207	R 1,730	278	557	R 2,564	
June	100	745	R 663	R 1,507	1	(s)	2	(s)	202	205	R 1,712	285	578	R 2,575	
July	101	777	R 665	R 1,542	1	(s)	2	(s)	208	211	R 1,753	297	599	R 2,649	
August	99	788	R 747	R 1,631	1	(s)	2	(s)	209	213	R 1,843	304	583	R 2,730	
September	98	758	R 686	R 1,540	1	(s)	2	(s)	197	200	R 1,739	284	518	R 2,542	
October	99	780	R 726	R 1,603	1	(s)	2	(s)	204	207	R 1,810	278	521	R 2,609	
November	99	810	R 695	R 1,600	1	(s)	1	(s)	206	208	R 1,808	268	512	R 2,587	
December	103	896	R 713	R 1,709	1	(s)	1	(s)	231	234	R 1,943	268	547	R 2,759	
Total	1,205	9,638	R 8,350	R 19,175	12	4	19	1	2,467	2,503	R 21,678	3,333	6,456	R 31,466	
2017 January	100	892	R 726	R 1,715	1	(s)	1	(s)	215	218	R 1,933	259	512	R 2,703	
February	99	791	R 620	R 1,509	1	(s)	1	(s)	196	199	R 1,708	246	461	R 2,414	
March	100	853	R 726	R 1,678	1	(s)	2	(s)	210	213	R 1,891	265	529	R 2,685	
April	97	780	R 687	R 1,564	1	(s)	2	(s)	198	202	R 1,766	259	505	R 2,529	
May	99	785	R 711	R 1,594	1	(s)	2	(s)	204	208	R 1,802	273	552	R 2,627	
June	97	768	R 691	R 1,553	1	(s)	2	(s)	202	206	R 1,759	281	559	R 2,599	
July	103	786	R 723	R 1,611	1	(s)	3	(s)	209	213	R 1,824	287	574	R 2,685	
August	103	798	R 701	R 1,600	1	(s)	2	(s)	214	218	R 1,817	293	558	R 2,668	
September	101	773	R 682	R 1,555	1	(s)	2	(s)	198	201	R 1,756	274	508	R 2,538	
October	100	820	R 695	R 1,610	1	(s)	2	(s)	207	210	R 1,820	271	524	R 2,616	
November	100	859	R 730	R 1,686	1	(s)	2	(s)	209	212	R 1,898	260	519	R 2,677	
December	103	937	R 696	R 1,732	1	(s)	1	(s)	218	221	R 1,953	262	539	R 2,755	
Total	1,201	9,843	R 8,390	R 19,406	13	4	24	1	2,480	2,522	R 21,928	3,229	6,340	R 31,498	
2018 January	109	R 946	R 805	R 1,856	1	(s)	2	(s)	213	216	R 2,073	259	516	R 2,848	
February	99	851	672	1,621	1	(s)	2	(s)	196	199	R 1,820	246	459	R 2,524	
2-Month Total	209	1,797	1,477	3,477	2	1	3	(s)	409	415	3,893	505	975	5,372	
2017 2-Month Total	199	1,683	1,346	3,224	2	1	3	(s)	411	417	3,641	504	973	5,118	
2016 2-Month Total	205	1,706	1,446	3,357	2	1	2	(s)	407	412	3,769	531	1,018	5,318	

^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.