

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	End-Use Energy Consumption ^a												Electricity ^j	Total End Use	Electrical System Energy Losses ^k	Total
	Primary Consumption ^b										Total Primary					
	Fossil Fuels ^c				Renewable Energy ^d											
	Coal	Natural Gas ^e	Petroleum ^f	Total ^g	Hydroelectric Power ^h	Geothermal	Solar ⁱ	Wind	Bio-mass	Total						
1950 Total	5,781	3,546	3,943	13,271	17	NA	NA	NA	532	549	13,820	500	14,319	1,340	15,659	
1955 Total	5,620	4,701	5,093	15,404	11	NA	NA	NA	631	642	16,046	887	16,933	2,005	18,938	
1960 Total	4,543	5,973	5,720	16,231	12	NA	NA	NA	680	692	16,923	1,107	18,030	2,234	20,264	
1965 Total	5,127	7,339	6,750	19,197	11	NA	NA	NA	855	866	20,063	1,463	21,526	2,873	24,399	
1970 Total	4,656	9,536	7,754	21,888	11	NA	NA	NA	1,019	1,030	22,918	1,948	24,866	3,995	28,862	
1975 Total	3,667	8,532	8,092	20,304	11	NA	NA	NA	1,063	1,074	21,378	2,346	23,725	4,797	28,522	
1980 Total	3,155	8,333	9,464	20,916	11	NA	NA	NA	1,600	1,611	22,527	2,781	25,308	5,900	31,209	
1985 Total	2,760	7,032	7,656	17,434	11	NA	NA	NA	1,918	1,928	19,363	2,855	22,218	5,782	28,000	
1990 Total	2,756	8,443	8,200	19,403	10		(s)	–	1,684	1,696	21,100	3,226	24,326	6,652	30,978	
1995 Total	2,488	9,592	8,525	20,666	18	3	(s)	–	1,934	1,955	22,622	3,455	26,077	7,048	33,125	
2000 Total	2,256	9,500	8,999	20,821	14	4	(s)	–	1,881	1,900	22,721	3,631	26,352	7,592	33,945	
2005 Total	1,954	7,907	9,567	19,472	11	4	(s)	–	1,834	1,849	21,322	3,477	24,799	7,003	31,803	
2010 Total	1,631	8,278	8,083	17,986	6	4	1	(s)	2,320	2,331	20,317	3,314	23,631	6,328	29,958	
2011 Total	1,561	8,481	8,055	18,107	6	4	1	(s)	2,375	2,387	20,494	3,382	23,876	6,247	30,123	
2012 Total	1,513	8,819	8,066	18,401	8	4	2	(s)	2,349	2,363	20,765	3,363	24,128	6,103	30,230	
2013 Total	1,546	9,140	8,260	18,930	12	4	3	(s)	2,407	2,427	21,357	3,362	24,719	6,043	30,762	
2014 Total	1,530	9,441	8,021	18,971	4	4	4	(s)	2,466	2,478	21,449	3,404	24,853	6,068	30,921	
2015 Total	1,380	9,426	8,135	18,923	5	4	5	(s)	2,474	2,489	21,411	3,366	24,777	5,836	30,613	
2016 Total	1,205	9,617	8,243	19,046	4	4	7	(s)	2,487	2,503	21,549	3,333	24,882	5,639	30,520	
2017 Total	1,195	9,864	8,427	19,458	5	4	8	(s)	2,475	2,493	21,951	3,358	25,309	5,534	30,843	
2018 Total	1,180	10,474	8,747	20,375	4	4	9	(s)	2,471	2,489	22,864	3,414	26,278	5,535	31,813	
2019 Total	1,117	10,630	8,785	20,511	4	4	11	(s)	2,416	2,435	22,946	3,420	26,366	5,349	31,716	
2020 Total	938	10,410	8,476	19,811	3	4	12	2	2,270	2,292	22,103	3,272	25,376	4,913	30,288	
2021 Total	1,036	10,603	8,885	20,476	3	4	14	(s)	2,336	2,357	22,833	3,414	26,247	5,147	31,394	
2022 January	86	1,016	713	1,810	(s)	(s)	1	(s)	201	202	2,012	287	2,299	446	2,745	
February	83	900	631	1,611	(s)	(s)	1	(s)	180	182	1,793	262	2,055	371	2,426	
March	86	951	729	1,761	(s)	(s)	1	(s)	196	198	1,958	286	2,244	385	2,628	
April	82	889	675	1,641	(s)	(s)	1	(s)	188	190	1,831	281	2,112	370	2,482	
May	83	873	688	1,634	(s)	(s)	2	(s)	196	199	1,833	294	2,127	431	2,558	
June	81	838	730	1,645	(s)	(s)	2	(s)	193	195	1,840	303	2,143	458	2,601	
July	81	856	761	1,693	(s)	(s)	2	(s)	198	200	1,893	309	2,202	484	2,685	
August	81	869	753	1,698	(s)	(s)	2	(s)	194	196	1,895	318	2,213	479	2,691	
September	79	841	741	1,656	(s)	(s)	1	(s)	178	180	1,836	295	2,132	414	2,545	
October	82	886	730	1,695	(s)	(s)	1	(s)	190	192	1,887	290	2,177	409	2,586	
November	80	920	704	1,701	(s)	(s)	1	(s)	192	193	1,895	279	2,174	414	2,588	
December	81	955	602	1,632	(s)	(s)	1	(s)	191	193	1,825	279	2,105	432	2,536	
Total	987	10,793	8,455	20,180	3	4	15	(s)	2,297	2,320	22,500	3,482	25,981	5,107	31,088	
2023 January	82	967	648	1,694	(s)	(s)	1	(s)	197	199	1,893	269	2,162	393	2,555	
February	79	887	570	1,534	(s)	(s)	1	(s)	176	178	1,711	259	1,971	350	2,321	
March	83	956	680	1,717	(s)	(s)	1	(s)	190	192	1,909	288	2,197	394	2,591	
April	74	897	699	1,669	(s)	(s)	2	(s)	177	179	1,848	279	2,127	368	2,495	
May	75	878	743	1,693	(s)	(s)	2	(s)	189	191	1,884	295	2,179	419	2,599	
June	75	846	731	1,649	(s)	(s)	2	(s)	181	183	1,832	300	2,132	448	2,580	
July	74	866	723	1,659	(s)	(s)	2	(s)	186	188	1,848	316	2,163	490	2,654	
August	74	888	794	1,753	(s)	(s)	2	(s)	185	187	1,940	321	2,262	482	2,744	
September	73	859	746	1,674	(s)	(s)	1	(s)	177	179	1,853	302	2,155	416	2,571	
October	73	907	766	1,745	(s)	(s)	1	(s)	185	187	1,932	301	2,233	421	2,654	
November	76	940	762	1,776	(s)	(s)	1	(s)	188	190	1,966	285	2,251	416	2,667	
December	74	997	671	1,738	(s)	(s)	1	(s)	195	196	1,934	281	2,216	419	2,634	
Total	913	10,889	8,532	20,301	3	4	16	(s)	2,225	2,249	22,551	3,497	26,048	5,026	31,074	
2024 January	73	1,002	683	1,758	(s)	(s)	1	(s)	188	190	1,948	282	2,230	437	2,667	
February	74	908	623	1,604	(s)	(s)	1	(s)	178	180	1,784	266	2,050	351	2,400	
March	76	945	644	1,661	(s)	(s)	2	(s)	191	193	1,854	281	2,135	374	2,510	
April	72	884	671	1,623	(s)	(s)	2	(s)	180	182	1,806	277	2,082	363	2,445	
May	70	879	742	1,689	(s)	(s)	2	(s)	187	190	1,879	296	2,175	420	2,595	
5-Month Total	365	4,619	3,363	8,335	1	2	7	(s)	925	935	9,270	1,402	10,672	1,945	12,617	
2023 5-Month Total	394	4,586	3,339	8,307	1	2	6	(s)	929	939	9,245	1,391	10,636	1,924	12,560	
2022 5-Month Total	421	4,628	3,435	8,457	2	2	6	(s)	961	970	9,428	1,409	10,837	2,004	12,841	

^a Sum of "Total Primary" and "Electricity." See "End-Use Energy Consumption" in Glossary.

^b Energy consumed in the form that it is first accounted for, before any transformation to secondary or tertiary forms of energy. See "Primary Energy Consumption" in Glossary.

^c Includes non-combustion use of fossil fuels.

^d See Table 10.2b for notes on series components and estimation.

^e Natural gas only; excludes the estimated portion of supplemental gaseous fuels.

^f See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.

^g Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."

^h Includes coal coke net imports, which are not separately displayed. See Tables 1.4a and 1.4b.

ⁱ Conventional hydroelectric power.

^j Includes both utility-scale and small-scale solar photovoltaic (PV) electricity net generation in the industrial sector. See Tables 10.2b and 10.5.

^k Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^l Total losses are calculated as the primary energy consumed by the electric

power sector minus the energy content of electricity sales to ultimate customers. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity sales to ultimate customers. 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 sales to ultimate customers.

• 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, "Other Energy Losses," at end of section. • See Note 3, "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.