

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	End-Use Energy Consumption ^a													Electrical System Energy Losses ^k	Total	
	Primary Consumption ^b											Total Primary	Elec- tricity/			Total End Use
	Fossil Fuels ^c				Renewable Energy ^d											
	Coal	Natural Gas ^e	Petro- leum ^f	Total ^g	Hydro- electric Power ^h	Geo- thermal	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	2,673	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	2	(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	
2006 Total	1,914	7,861	9,693	19,529	10	4	(s)	-	1,892	1,906	21,436	3,451	24,886	6,823	31,710	
2007 Total	1,865	8,074	9,363	19,326	5	5	(s)	-	1,937	1,947	21,273	3,507	24,780	6,993	31,773	
2008 Total	1,793	8,083	8,502	18,420	6	5	(s)	-	2,012	2,023	20,443	3,444	23,888	6,797	30,685	
2009 Total	1,392	7,609	7,720	16,698	6	4	1	-	1,948	1,959	18,657	3,130	21,787	5,995	27,782	
2010 Total	1,631	8,278	8,083	17,986	6	4	1	-	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	2	(s)	2,270	2,292	22,103	3,272	25,376	4,913	30,288	
2021 January	89	985	751	1,822	(s)	(s)	1	(s)	197	198	2,020	272	2,292	416	2,709	
February	82	849	508	1,437	(s)	(s)	1	(s)	168	170	1,607	253	1,860	398	2,258	
March	89	896	710	1,696	(s)	(s)	1	(s)	195	197	1,893	265	2,158	363	2,521	
April	84	864	751	1,696	(s)	(s)	1	(s)	191	192	1,888	272	2,160	381	2,541	
May	86	851	764	1,717	(s)	(s)	1	(s)	201	203	1,920	286	2,206	429	2,636	
June	85	825	779	1,683	(s)	(s)	1	(s)	194	196	1,878	296	2,174	473	2,647	
July	86	861	755	1,698	(s)	(s)	1	(s)	202	204	1,902	311	2,213	500	2,712	
August	86	863	810	1,753	(s)	(s)	1	(s)	195	197	1,951	312	2,263	497	2,760	
September	84	828	773	1,679	(s)	(s)	1	(s)	189	191	1,870	293	2,162	420	2,582	
October	89	876	785	1,746	(s)	(s)	1	(s)	200	202	1,948	291	2,240	419	2,659	
November	88	927	727	1,738	(s)	(s)	1	(s)	197	199	1,936	282	2,218	422	2,640	
December	88	978	751	1,810	(s)	(s)	1	(s)	207	208	2,018	282	2,300	418	2,718	
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	R 714	R 1,811	(s)	(s)	1	(s)	201	202	R 2,013	287	R 2,300	446	R 2,746	
February	83	900	R 631	R 1,612	(s)	(s)	1	(s)	180	182	R 1,793	262	R 2,056	371	R 2,427	
March	86	951	R 729	R 1,761	(s)	(s)	1	(s)	196	198	R 1,959	286	R 2,244	385	R 2,629	
April	82	889	R 675	R 1,642	(s)	(s)	1	(s)	188	190	R 1,831	281	R 2,113	370	R 2,483	
May	83	873	R 688	R 1,635	(s)	(s)	2	(s)	198	199	R 1,834	294	R 2,127	431	R 2,559	
June	81	838	R 730	R 1,646	(s)	(s)	2	(s)	193	195	R 1,841	303	R 2,143	458	R 2,602	
July	81	856	R 761	R 1,694	(s)	(s)	2	(s)	R 198	200	R 1,893	309	R 2,202	484	R 2,685	
August	81	869	R 754	R 1,699	(s)	(s)	2	(s)	194	196	R 1,895	318	R 2,213	479	R 2,692	
September	79	841	R 741	R 1,656	(s)	(s)	1	(s)	178	180	R 1,836	295	R 2,132	414	R 2,545	
October	82	886	R 731	R 1,695	(s)	(s)	1	(s)	190	192	R 1,887	290	R 2,177	409	R 2,587	
November	80	920	R 705	R 1,702	(s)	(s)	1	(s)	192	193	R 1,895	279	R 2,174	414	R 2,588	
December	81	955	R 603	1,633	(s)	(s)	1	(s)	191	193	R 1,826	279	R 2,106	432	R 2,538	
Total	967	10,793	R 8,462	R 20,186	3	4	15	(s)	R 2,297	R 2,320	R 22,506	3,482	R 25,988	5,107	R 31,095	
2023 January	81	969	R 652	R 1,699	(s)	(s)	1	(s)	197	199	R 1,898	269	R 2,167	393	R 2,561	
February	79	887	R 572	R 1,536	(s)	(s)	1	(s)	176	178	R 1,713	R 259	R 1,973	351	R 2,323	
March	83	955	R 683	R 1,719	(s)	(s)	1	(s)	190	192	R 1,910	288	R 2,198	394	R 2,593	
April	74	897	R 700	R 1,670	(s)	(s)	2	(s)	177	179	R 1,849	279	R 2,128	369	R 2,496	
May	75	878	R 744	R 1,694	(s)	(s)	2	(s)	189	191	R 1,885	295	R 2,180	420	R 2,600	
June	74	843	R 731	R 1,646	(s)	(s)	2	(s)	181	183	R 1,829	300	R 2,129	449	R 2,578	
July	73	865	R 722	R 1,657	(s)	(s)	2	(s)	186	188	R 1,845	R 316	R 2,161	491	R 2,653	
August	74	888	R 796	R 1,755	(s)	(s)	2	(s)	185	187	R 1,943	R 321	R 2,264	483	R 2,747	
September	72	859	R 747	R 1,675	(s)	(s)	1	(s)	177	179	R 1,854	R 302	R 2,156	416	R 2,572	
October	81	R 907	R 768	R 1,755	(s)	(s)	1	(s)	185	187	R 1,942	R 301	R 2,243	422	R 2,664	
November	77	R 941	R 764	R 1,781	(s)	(s)	1	(s)	188	190	R 1,971	R 285	R 2,256	417	R 2,673	
December	76	997	671	1,739	(s)	(s)	1	(s)	195	196	R 1,935	281	2,216	420	2,636	
Total	919	10,888	8,550	20,325	3	4	16	(s)	2,225	2,249	22,574	3,497	26,071	5,035	31,107	

^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. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
^f Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."
^g Includes coal coke net imports, which are not separately displayed. See Tables 1.4a and 1.4b.
^h Conventional hydroelectric power.
ⁱ Includes both utility-scale and small-scale solar photovoltaic (PV) electricity net generation in the industrial sector. See Tables 10.2b and 10.5.
^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^k 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.