

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 ^j			Total End Use
	Fossil Fuels ^c				Renewable Energy ^d										
	Coal	Natural Gas ^e	Petro- leum ^f	Total ^g	Hydro- electric Power ^h	Geo- ther- mal	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	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
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	9,857	8,427	19,450	5	4	8	(s)	2,475	2,493	21,943	3,358	25,301	5,534	30,835
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	8,784	20,511	4	4	11	(s)	2,416	2,435	22,946	3,420	26,366	5,349	31,715
2020 Total	938	10,437	8,476	19,838	3	4	12	(s)	2,270	2,290	22,128	3,272	25,401	4,913	30,314
2021 Total	1,036	10,603	8,881	20,471	3	4	14	(s)	2,336	2,357	22,828	3,414	26,242	5,147	31,390
2022 Total	987	10,782	8,455	20,168	3	4	15	(s)	2,297	2,320	22,488	3,482	25,970	5,107	31,077
2023 January	82	968	671	1,718	(s)	(s)	1	(s)	194	196	1,914	274	2,188	391	2,579
February	79	887	592	1,556	(s)	(s)	1	(s)	173	175	1,731	261	1,992	347	2,339
March	83	957	688	1,727	(s)	(s)	1	(s)	189	192	1,918	283	2,201	387	2,588
April	74	896	701	1,670	(s)	(s)	2	(s)	177	179	1,850	273	2,123	360	2,482
May	75	878	739	1,689	(s)	(s)	2	(s)	188	190	1,879	289	2,168	406	2,574
June	75	845	725	1,643	(s)	(s)	2	(s)	180	182	1,825	294	2,119	439	2,558
July	74	866	721	1,657	(s)	(s)	2	(s)	187	189	1,846	309	2,155	479	2,634
August	74	885	788	1,744	(s)	(s)	2	(s)	187	189	1,933	314	2,247	472	2,719
September	73	862	754	1,684	(s)	(s)	1	(s)	181	183	1,867	295	2,162	407	2,569
October	73	908	759	1,739	(s)	(s)	1	(s)	186	187	1,926	293	2,219	407	2,626
November	76	938	758	1,770	(s)	(s)	1	(s)	189	190	1,960	280	2,240	405	2,646
December	74	994	691	1,754	(s)	(s)	1	(s)	197	198	1,952	279	2,230	416	2,646
Total	913	10,883	8,587	20,350	3	4	16	(s)	2,227	2,251	22,601	3,444	26,044	4,926	30,970
2024 January	73	1,004	699	1,775	(s)	(s)	1	(s)	187	189	1,964	281	2,245	433	2,678
February	74	908	638	1,618	(s)	(s)	1	(s)	178	180	1,798	266	2,064	353	2,418
March	75	947	660	1,678	(s)	(s)	2	(s)	192	194	1,872	283	2,155	377	2,532
April	70	890	686	1,642	(s)	(s)	2	(s)	181	184	1,826	280	2,106	365	2,471
May	72	881	757	1,707	(s)	(s)	2	(s)	188	191	1,898	299	2,197	424	2,621
June	71	849	709	1,624	(s)	(s)	2	(s)	179	181	1,805	301	2,106	440	2,547
July	69	885	741	1,693	(s)	(s)	2	(s)	189	192	1,884	316	2,201	473	2,673
August	70	896	760	1,722	(s)	(s)	2	(s)	193	195	1,917	320	2,237	471	2,708
September	67	859	746	1,669	(s)	(s)	2	(s)	184	187	1,856	300	2,156	415	2,570
October	73	891	795	1,758	(s)	(s)	1	(s)	186	188	1,946	301	2,248	409	2,656
November	73	918	703	1,691	(s)	(s)	1	(s)	192	194	1,885	284	2,169	413	2,582
December	73	1,004	693	1,766	(s)	(s)	1	(s)	196	198	1,964	287	2,251	429	2,680
Total	861	10,933	8,586	20,344	3	4	18	(s)	2,246	2,271	22,615	3,519	26,134	5,015	31,149
2025 January	72	1,035	769	1,875	(s)	(s)	1	(s)	192	194	2,069	288	2,357	442	2,799

^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.