

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	Biomass	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	8,166	18,070	16	4	3	—	2,185	2,208	20,277	3,314	6,934	30,525
2011 Total	1,561	8,481	8,135	18,187	17	4	4	(s)	2,246	2,272	20,459	3,382	7,005	30,847
2012 Total	1,513	8,819	8,143	18,479	22	4	7	(s)	2,226	2,259	20,738	3,363	6,810	30,911
2013 Total	1,546	9,140	8,326	18,995	33	4	9	(s)	2,226	2,272	21,267	3,362	6,785	31,414
2014 Total	1,530	9,441	8,138	19,088	12	4	11	1	2,286	2,314	21,402	3,404	6,832	31,638
2015														
January	128	882	731	1,739	1	(s)	1	(s)	199	201	1,940	272	539	2,751
February	119	809	656	1,583	1	(s)	1	(s)	178	180	1,763	262	515	2,539
March	121	824	693	1,637	1	(s)	1	(s)	190	193	1,830	272	512	2,614
April	110	766	673	1,547	1	(s)	1	(s)	186	189	1,736	275	521	2,532
May	114	763	696	1,570	1	(s)	1	(s)	192	195	1,765	283	581	2,629
June	116	729	717	1,559	1	(s)	1	(s)	189	192	1,751	294	599	2,645
July	117	752	747	1,615	1	(s)	1	(s)	196	199	1,814	299	605	2,718
August	115	760	729	1,602	1	(s)	1	(s)	195	197	1,800	302	591	2,692
September	109	735	673	1,517	1	(s)	1	(s)	186	189	1,705	289	538	2,533
October	112	774	655	1,540	1	(s)	1	(s)	190	193	1,732	284	528	2,544
November	110	795	619	1,521	1	(s)	1	(s)	191	193	1,714	268	526	2,509
December	109	837	674	1,620	1	(s)	1	(s)	198	201	1,821	267	520	2,608
Total	1,380	9,426	8,262	19,050	13	4	14	(s)	2,290	2,321	21,371	3,366	6,578	31,315
2016														
January	R 102	887	R 723	R 1,712	1	(s)	1	(s)	R 195	198	R 1,909	R 269	R 533	R 2,712
February	103	819	712	R 1,633	1	(s)	1	(s)	R 184	R 186	R 1,820	R 262	R 485	R 2,566
March	R 105	827	705	R 1,636	1	(s)	R 2	(s)	R 192	R 195	R 1,832	R 270	R 504	R 2,606
April	R 97	778	R 650	R 1,523	1	(s)	2	(s)	R 179	R 182	R 1,706	R 268	R 515	R 2,489
May	R 98	774	650	R 1,521	1	(s)	2	(s)	R 189	193	R 1,714	R 278	R 557	R 2,549
June	R 99	745	664	1,508	1	(s)	2	(s)	R 188	R 191	R 1,699	R 285	R 578	R 2,562
July	R 100	777	665	1,542	1	(s)	2	(s)	R 194	R 197	R 1,739	R 297	R 599	R 2,635
August	99	788	748	R 1,632	1	(s)	2	(s)	195	198	1,831	R 304	R 583	R 2,717
September	R 97	758	686	R 1,539	1	(s)	2	(s)	R 183	R 186	R 1,725	R 284	R 518	R 2,527
October	99	780	724	1,601	1	(s)	R 2	(s)	R 189	R 192	R 1,793	R 278	R 521	R 2,592
November	99	810	692	R 1,596	1	(s)	1	(s)	192	194	R 1,790	R 268	R 512	R 2,569
December	R 102	896	706	R 1,701	1	(s)	1	(s)	R 217	R 220	R 1,921	R 268	R 547	R 2,736
Total	R 1,201	9,638	R 8,324	R 19,145	12	4	R 19	1	R 2,297	R 2,333	R 21,478	R 3,333	R 6,456	R 31,266
2017														
January	R 100	892	720	R 1,709	1	(s)	1	(s)	R 201	203	1,913	R 259	R 515	R 2,687
February	99	R 791	R 618	R 1,506	1	(s)	1	(s)	R 183	R 186	R 1,692	245	R 465	R 2,402
March	R 100	853	R 726	R 1,677	1	(s)	2	(s)	R 195	R 199	R 1,876	R 265	R 545	R 2,686
April	R 98	780	688	1,565	1	(s)	2	(s)	184	188	1,753	R 259	R 509	R 2,520
May	R 99	785	R 715	1,598	1	(s)	2	(s)	R 190	R 194	1,791	R 273	R 555	R 2,620
June	R 97	768	693	R 1,555	1	(s)	2	(s)	188	192	1,748	280	R 563	R 2,591
July	96	786	727	1,608	1	(s)	3	(s)	R 195	R 199	1,806	287	R 582	R 2,676
August	104	798	705	R 1,603	1	(s)	2	(s)	R 200	R 203	R 1,807	293	R 572	R 2,671
September	99	773	685	1,556	1	(s)	2	(s)	184	188	1,743	274	514	2,531
9-Month Total	893	7,226	6,277	14,378	10	3	19	(s)	1,719	1,751	16,129	2,435	4,821	23,385
2016 9-Month Total	902	7,152	6,202	14,247	9	3	15	(s)	1,699	1,727	15,974	2,518	4,872	23,364
2015 9-Month Total	1,049	7,019	6,314	14,369	9	3	11	(s)	1,711	1,734	16,103	2,547	5,001	23,651

^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.