

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a											Total Primary	Elec- tricity Retail Sales ^h	Electrical System Energy Losses ⁱ	Total ^e
	Fossil Fuels				Renewable Energy ^b										
	Coal	Natural Gas ^c	Petro- leum ^d	Total ^e	Hydro- electric Power ^f	Geo- thermal	Solar ^g	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	8,632	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 8,166	R 18,070	16	4	3	-	2,185	2,208	R 20,277	3,314	6,934	R 30,525	
2011 Total	1,561	8,481	R 8,135	R 18,187	17	4	4	(s)	2,246	2,272	R 20,459	3,382	7,005	R 30,847	
2012 Total	1,513	8,819	R 8,143	R 18,479	22	4	7	(s)	2,226	2,259	R 20,738	3,363	6,810	R 30,911	
2013 Total	1,546	9,140	R 8,326	R 18,995	33	4	9	(s)	2,226	2,272	R 21,267	3,362	6,785	R 31,414	
2014 Total	1,530	9,441	R 8,138	R 19,088	12	4	11	1	2,286	2,314	R 21,402	3,404	6,832	R 31,638	
2015 January	128	882	R 731	R 1,739	1	(s)	1	(s)	199	201	R 1,940	272	539	R 2,750	
February	119	810	R 656	R 1,584	1	(s)	1	(s)	178	180	R 1,764	262	515	R 2,540	
March	121	826	R 693	R 1,639	1	(s)	1	(s)	190	193	R 1,832	272	512	R 2,616	
April	110	767	R 673	R 1,548	1	(s)	1	(s)	186	189	R 1,737	275	521	R 2,533	
May	114	764	R 696	R 1,571	1	(s)	1	(s)	192	195	R 1,766	283	581	R 2,630	
June	116	731	R 717	R 1,561	1	(s)	1	(s)	189	192	R 1,753	294	599	R 2,647	
July	117	753	R 747	R 1,616	1	(s)	1	(s)	196	199	R 1,815	299	605	R 2,719	
August	115	761	R 729	R 1,603	1	(s)	1	(s)	195	197	R 1,800	302	591	R 2,693	
September	109	736	R 673	R 1,518	1	(s)	1	(s)	186	189	R 1,707	289	538	R 2,534	
October	112	775	R 655	R 1,541	1	(s)	1	(s)	190	193	R 1,733	284	528	R 2,545	
November	110	797	R 619	R 1,523	1	(s)	1	(s)	191	193	R 1,716	268	526	R 2,510	
December	109	839	R 674	R 1,621	1	(s)	1	(s)	198	201	R 1,822	267	520	R 2,609	
Total	1,380	9,440	R 8,262	R 19,064	13	4	14	(s)	2,290	2,321	R 21,386	3,366	6,578	R 31,329	
2016 January	103	884	R 724	R 1,709	1	(s)	1	(s)	196	198	R 1,907	259	523	R 2,689	
February	103	815	R 712	R 1,630	1	(s)	1	(s)	182	R 185	R 1,815	252	477	R 2,544	
March	106	824	R 705	R 1,634	1	(s)	1	(s)	R 191	194	R 1,828	259	494	R 2,581	
April	98	775	R 649	R 1,521	1	(s)	2	(s)	180	183	R 1,704	259	507	R 2,469	
May	99	771	R 650	R 1,519	1	(s)	2	(s)	R 190	193	R 1,712	267	548	R 2,527	
June	100	743	R 664	R 1,506	1	(s)	2	(s)	R 191	R 194	R 1,700	274	568	R 2,542	
July	101	773	R 665	R 1,538	1	(s)	2	(s)	R 196	199	R 1,737	284	588	R 2,609	
August	99	785	R 748	R 1,631	1	(s)	2	(s)	195	198	R 1,829	290	571	R 2,690	
September	98	755	R 686	R 1,537	1	(s)	2	(s)	R 185	187	R 1,725	272	509	R 2,505	
October	99	778	R 724	R 1,599	1	(s)	1	(s)	R 188	190	R 1,789	266	512	R 2,567	
November	99	808	R 692	R 1,595	1	(s)	1	(s)	192	194	R 1,789	256	503	R 2,548	
December	103	893	R 706	R 1,699	1	(s)	1	(s)	202	205	R 1,904	256	536	R 2,697	
Total	1,207	9,605	R 8,325	R 19,118	12	4	17	1	R 2,288	R 2,322	R 21,440	3,195	6,339	R 30,973	
2017 January	101	887	720	1,704	1	(s)	1	(s)	200	203	R 1,907	258	514	R 2,679	
February	99	R 788	R 617	R 1,503	1	(s)	1	(s)	R 181	183	R 1,686	245	465	R 2,396	
March	101	850	725	R 1,674	1	(s)	2	(s)	198	202	R 1,876	263	529	R 2,668	
April	89	R 777	R 688	R 1,552	1	(s)	2	(s)	184	188	R 1,740	258	507	R 2,505	
May	86	781	714	R 1,581	1	(s)	2	(s)	189	193	R 1,773	272	554	R 2,600	
June	92	763	693	1,546	1	(s)	2	(s)	188	192	1,737	280	560	2,578	
6-Month Total	567	4,845	4,158	9,560	7	2	11	(s)	1,140	1,161	10,720	1,576	3,130	15,426	
2016 6-Month Total	608	4,812	4,103	9,520	7	2	8	(s)	1,129	1,147	10,667	1,569	3,116	15,353	
2015 6-Month Total	708	4,779	4,166	9,642	7	2	7	(s)	1,134	1,150	10,792	1,657	3,267	15,716	

^a See "Primary Energy Consumption" in Glossary.
^b See Table 10.2b for notes on series components and estimation.
^c Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
^d Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."
^e Includes coal coke net imports, which are not separately displayed. See Tables 1.4a and 1.4b.
^f Conventional hydroelectric power.
^g Solar photovoltaic (PV) electricity net generation in the industrial sector, both utility-scale and distributed (small-scale). See Tables 10.2b and 10.5.
^h Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
ⁱ 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.