

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a											Electricity Retail Sales ^h	Electrical System Energy Losses ⁱ	Total ^e	
	Fossil Fuels				Renewable Energy ^b										
	Coal	Natural Gas ^c	Petroleum ^d	Total ^e	Hydroelectric Power ^f	Geothermal	Solar ^g	Wind	Bio-mass	Total	Total Primary				
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	(s)	-	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	8,167	18,070	16	4	3	-	2,185	2,208	20,278	3,314	6,934	30,526	
2011 Total	1,561	8,481	8,131	18,184	17	4	4	(s)	2,246	2,272	20,456	3,382	7,005	30,843	
2012 Total	1,513	8,819	8,147	18,482	22	4	7	(s)	2,226	2,259	20,742	3,363	6,810	30,915	
2013 Total	1,546	9,140	8,321	18,991	33	4	9	(s)	2,226	2,272	21,263	3,362	6,785	31,409	
2014															
January	126	870	757	1,752	1	(s)	1	(s)	193	195	1,947	273	567	2,787	
February	125	795	627	1,546	1	(s)	1	(s)	175	177	1,723	257	496	2,476	
March	129	830	628	1,587	1	(s)	1	(s)	192	194	1,781	275	559	2,615	
April	122	774	659	1,554	1	(s)	1	(s)	187	189	1,744	275	538	2,556	
May	124	755	644	1,522	1	(s)	1	(s)	190	192	1,714	291	605	2,610	
June	125	731	627	1,482	1	(s)	1	(s)	190	193	1,675	292	607	2,575	
July	129	758	681	1,566	1	(s)	1	(s)	196	199	1,765	302	616	2,682	
August	129	762	682	1,570	1	(s)	1	(s)	195	198	1,768	306	619	2,693	
September	126	740	711	1,574	1	(s)	1	(s)	185	187	1,761	292	545	2,597	
October	130	765	741	1,633	1	(s)	1	(s)	192	194	1,827	290	555	2,673	
November	131	811	687	1,627	1	(s)	1	(s)	190	192	1,819	277	575	2,671	
December	134	848	704	1,683	1	(s)	1	(s)	202	204	1,887	273	550	2,711	
Total	1,530	9,441	8,147	19,097	12	4	11	1	2,287	2,314	21,411	3,404	6,832	31,647	
2015															
January	128	882	737	1,745	1	(s)	1	(s)	R 198	R 200	1,945	R 272	R 530	R 2,747	
February	119	810	R 667	1,594	1	(s)	1	(s)	R 177	R 179	R 1,774	R 262	R 515	R 2,551	
March	121	826	R 702	1,648	1	(s)	1	(s)	R 189	R 192	R 1,840	R 272	R 513	R 2,624	
April	110	767	680	1,555	1	(s)	1	(s)	185	188	1,743	R 275	R 522	R 2,540	
May	R 114	764	698	1,573	1	(s)	1	(s)	192	R 195	R 1,768	R 283	R 582	R 2,633	
June	116	731	719	1,564	1	(s)	1	(s)	R 188	R 191	1,755	R 294	R 600	R 2,649	
July	117	753	749	1,618	1	(s)	1	(s)	R 195	R 198	R 1,816	R 299	R 606	R 2,722	
August	R 115	761	731	1,606	1	(s)	1	(s)	R 194	R 196	R 1,802	R 302	R 592	R 2,695	
September	109	736	678	1,524	1	(s)	1	(s)	185	R 188	1,711	R 289	R 539	R 2,539	
October	112	775	660	1,546	1	(s)	1	(s)	R 189	R 192	1,737	R 284	R 528	R 2,550	
November	R 110	797	622	1,526	1	(s)	1	(s)	R 190	R 193	R 1,718	R 268	R 527	R 2,514	
December	109	839	678	1,625	1	(s)	1	(s)	R 198	R 200	R 1,825	R 267	R 521	R 2,613	
Total	R 1,380	9,440	R 8,321	R 19,123	13	4	14	R (s)	R 2,280	R 2,312	R 21,435	R 3,366	R 6,578	R 31,379	
2016															
January	115	886	698	1,698	1	(s)	1	(s)	R 195	R 197	R 1,896	R 259	R 522	R 2,677	
February	112	821	676	1,609	1	(s)	1	(s)	R 181	R 184	R 1,793	R 252	R 476	R 2,521	
March	108	R 830	673	1,611	1	(s)	1	(s)	R 190	R 193	R 1,804	R 259	R 493	R 2,555	
April	99	R 779	621	1,497	1	(s)	2	(s)	R 179	R 182	R 1,680	259	R 506	R 2,445	
May	100	776	622	1,497	1	(s)	2	(s)	R 189	192	R 1,689	267	R 548	R 2,504	
June	105	R 749	634	1,487	1	(s)	2	(s)	R 189	R 193	R 1,680	274	R 567	R 2,521	
July	108	R 778	638	1,523	1	(s)	2	(s)	R 195	R 198	R 1,721	284	R 587	R 2,592	
August	113	R 789	728	1,628	1	(s)	2	(s)	R 194	R 197	R 1,825	R 291	R 571	R 2,687	
September	105	760	687	1,551	1	(s)	2	(s)	184	186	1,737	272	508	2,517	
9-Month Total	964	7,169	5,978	14,102	10	3	14	1	1,695	1,721	15,823	2,417	4,779	23,019	
2015 9-Month Total	1,049	7,030	6,361	14,426	9	3	11	(s)	1,704	1,727	16,154	2,547	4,999	23,700	
2014 9-Month Total	1,136	7,016	6,015	14,153	9	3	9	(s)	1,703	1,724	15,877	2,564	5,150	23,591	

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.