

Table 2.4 Industrial Sector Energy Consumption
(Trillion Btu)

	Primary Consumption ^a											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	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	8,632	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	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 Total	1,530	9,441	8,143	19,093	12	4	11	1	2,286	2,314	21,407	3,404	6,832	31,643
2015 January	128	882	728	1,735	1	(s)	1	(s)	199	201	1,936	272	539	2,747
February	119	810	657	1,585	1	(s)	1	(s)	178	180	1,765	262	515	2,541
March	121	826	694	1,640	1	(s)	1	(s)	190	193	1,833	272	512	2,617
April	110	767	674	1,549	1	(s)	1	(s)	186	189	1,738	275	521	2,534
May	114	764	695	1,570	1	(s)	1	(s)	192	195	1,765	283	581	2,629
June	116	731	716	1,560	1	(s)	1	(s)	189	192	1,752	294	599	2,646
July	117	753	746	1,615	1	(s)	1	(s)	196	199	1,814	299	605	2,719
August	115	761	728	1,602	1	(s)	1	(s)	195	197	1,800	302	591	2,692
September	109	736	672	1,517	1	(s)	1	(s)	186	189	1,706	289	538	2,533
October	112	775	656	1,542	1	(s)	1	(s)	190	193	1,734	284	528	2,546
November	110	797	620	1,524	1	(s)	1	(s)	191	193	1,717	268	526	2,511
December	109	839	675	1,622	1	(s)	1	(s)	198	201	1,823	267	520	2,610
Total	1,380	9,440	8,260	19,062	13	4	14	(s)	2,290	2,321	21,383	3,366	6,578	31,327
2016 January	R 103	884	718	1,703	1	(s)	1	(s)	196	198	1,901	259	523	2,683
February	103	815	694	1,612	1	(s)	1	(s)	182	184	1,797	252	477	2,526
March	R 106	824	687	1,616	1	(s)	1	(s)	190	194	1,809	259	494	2,562
April	R 98	775	634	1,505	1	(s)	2	(s)	180	183	1,688	259	507	2,453
May	99	R 771	636	1,505	1	(s)	2	(s)	189	193	1,698	267	548	2,513
June	100	743	644	1,487	1	(s)	2	(s)	190	193	1,680	274	568	2,522
July	101	773	652	1,525	1	(s)	2	(s)	195	199	1,723	284	588	2,595
August	99	R 785	738	1,620	1	(s)	2	(s)	195	198	1,818	290	571	2,680
September	98	R 755	694	1,546	1	(s)	2	(s)	184	187	1,732	272	509	2,513
October	99	778	720	1,594	1	(s)	1	(s)	187	190	1,784	266	512	2,561
November	99	808	682	R 1,584	1	(s)	1	(s)	192	194	1,779	256	503	2,538
December	R 103	893	700	1,694	1	(s)	1	(s)	202	205	1,898	256	536	2,691
Total	R 1,207	R 9,605	8,198	18,991	12	4	17	1	2,283	2,318	21,308	3,195	6,339	30,841
2017 January	R 101	887	720	R 1,704	1	(s)	1	(s)	200	203	R 1,906	258	514	R 2,678
February	R 99	R 787	620	R 1,504	1	(s)	1	(s)	180	183	1,687	245	465	2,397
March	101	R 849	725	R 1,673	1	(s)	2	(s)	198	202	R 1,874	263	529	R 2,667
April	89	776	686	1,550	1	(s)	2	(s)	184	188	1,737	258	507	2,502
4-Month Total	389	3,299	2,750	6,430	5	1	7	(s)	762	775	7,205	1,024	2,015	10,244
2016 4-Month Total	409	3,298	2,732	6,436	5	1	5	(s)	748	759	7,196	1,029	2,000	10,224
2015 4-Month Total	478	3,284	2,752	6,509	5	1	4	(s)	753	763	7,272	1,080	2,086	10,439

^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.