

Table 2.2 Manufacturing Energy Consumption for All Purposes, 2002

(Trillion Btu)

NAICS ¹ Code	Manufacturing Group	Coal	Coal Coke and Breeze ²	Natural Gas	Distillate Fuel Oil	LPG ³ and NGL ⁴	Residual Fuel Oil	Net Electricity ⁵	Other ⁶	Shipments of Energy Sources ⁷	Total ⁸
311	Food	184	1	582	19	5	13	230	89	-0	1,123
312	Beverage and Tobacco Products	17	0	46	2	1	2	26	11	-0	105
313	Textile Mills	22	0	75	2	2	4	86	15	-0	207
314	Textile Product Mills	Q	0	29	Q	1	2	17	Q	-0	60
315	Apparel	0	0	16	1	(s)	(s)	12	(s)	-0	30
316	Leather and Allied Products	0	0	4	(s)	(s)	(s)	2	(s)	-0	7
321	Wood Products	1	0	57	13	5	1	72	228	-0	377
322	Paper	236	4	504	13	6	100	223	1,276	-0	2,363
323	Printing and Related Support	0	0	46	(s)	1	(s)	50	1	-0	98
324	Petroleum and Coal Products	Q	2	878	19	24	25	127	5,520	-83	6,799
325	Chemicals	344	6	2,307	14	3,001	87	522	687	-504	6,465
326	Plastics and Rubber Products	Q	0	128	2	6	7	181	5	-0	351
327	Nonmetallic Mineral Products	309	11	422	34	3	3	142	136	-0	1,059
331	Primary Metals	515	355	704	15	3	1	493	178	-143	2,120
332	Fabricated Metal Products	1	Q	210	6	3	Q	161	3	-0	388
333	Machinery	1	0	82	3	3	(s)	84	4	-0	177
334	Computer and Electronic Products	(s)	0	65	1	(s)	1	131	3	-0	201
335	Electrical Equipment, Appliances, and Components	(s)	(s)	53	1	1	(s)	47	70	-0	172
336	Transportation Equipment	8	Q	203	4	4	6	172	30	-0	429
337	Furniture and Related Products	1	0	25	1	1	(s)	24	11	-0	64
339	Miscellaneous	0	0	32	1	1	(s)	35	2	-0	71
—	Total Manufacturing	1,958	385	6,468	152	3,070	255	2,840	8,271	-730	22,666

¹ North American Industry Classification System (NAICS).

² See "Breeze" in Glossary.

³ Liquefied petroleum gases.

⁴ Natural gas liquids.

⁵ "Net Electricity" is the sum of purchases, transfers in, and onsite generation from noncombustible renewable energy sources, minus quantities sold and transferred out; it excludes onsite generation from combustible fuels.

⁶ Includes all other types of energy that respondents indicated were consumed or allocated, such as asphalt and road oil, lubricants, naphtha less than 401 degrees Fahrenheit, other oils greater than or equal to 401 degrees Fahrenheit, special naphthas, waxes, and miscellaneous nonfuel products, which are nonfuel products assigned to the petroleum refining industry group (NAICS Code 324110).

⁷ Energy sources produced onsite from the use of other energy sources but sold or transferred to

another entity. Note that shipments of energy sources are subtracted from consumption.

⁸ The sum of coal, coal coke and breeze, natural gas, distillate fuel oil, liquefied petroleum gases, natural gas liquids, residual fuel oil, net electricity, and other, minus shipments of energy sources.

(s)=Less than 0.5 trillion Btu. Q=Data withheld because the relative standard error was greater than 50 percent.

Notes: • Data are estimates for the first use of energy for heat and power and as feedstocks or raw material inputs. "First use" is the consumption of energy that was originally produced offsite or was produced onsite from input materials not classified as energy. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/emeu/mecs>.

Source: Energy Information Administration, Form EIA-846, "2002 Manufacturing Energy Consumption Survey."