



Table 8b. [Expenditures for Purchased](#) Energy per Ton of Steel, 1998 and 2002
 (constant 2000 dollars ¹per ton)

	MECS Survey Years	
	1998 ³	2002 ³
Iron and Steel Mills (NAICS²331111)		
Total ⁴	58.8	79.2
Electricity	16.6	25.0
Natural Gas	13.5	21.1
Coal	10.2	12.6
Residual Fuel	0.6	0.04
Coke and Breeze	16.6	18.6

Notes:1. Deflated by the chain-type price indices for iron and steel mills shipments.

2. The North American Industry Classification System (NAICS) has replaced the Standard Industrial Classification (SIC) system. NAICS 331111 includes steel works, blast furnaces (including coke ovens), and rolling mills.

3. Denominators represent the entire steel industry, not those based mainly on electric, natural gas, residual fuel oil, coal or coke.

4. 'Total' is the sum of all of the listed energy sources, and other energy sources such as wood waste, hydrogen, and waste oils and tars.

Sources: Energy Information Administration, Manufacturing Energy Consumption Surveys 1998, and 2002; U.S. Department of Commerce, Bureau of the Census, Current Industrial Report, Steel Mill Products, December 1998 and December 2003; Bureau of Economic Analysis, Annual Industry Account, and Gross-Domestic-Product-by-Industry Accounts; December 20, 2004.

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