



U.S. Energy Information Administration

Independent Statistics and Analysis

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Table 8a. Expenditures for Purchased Energy per Value of Production, 1998, 2002, and 2006
(constant 2000 US cents per dollar)

Iron and Steel Mills (NAICS ¹ 331111)	MECS Survey Years		
	1998 ²	2002 ²	2006 ²
Total³	10.7	13.0	9.4
Electricity	3.0	4.1	2.5
Natural Gas	2.5	3.4	3.3
Coal	1.9	2.1	1.6
Residual Fuel	0.1	0.0	0.1
Coke and Breeze	3.0	3.0	1.6

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

2. Denominators represent the value of production for the entire iron and still mills (NAICS 331111), not those based mainly on electric, natural gas, coal, residual fuel oil or coke.

3. '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, 2002, and 2006; U.S. Department of Commerce: Bureau of Economic Analysis, Annual Industry Account, and Gross-Domestic-Product-by-Industry Accounts; December 2004 and December 2009; U.S. Census Bureau, Annual Survey of Manufacturers, Industry Statistics 2001, 2004, 2005, and 2007.