





**Table 7a. Offsite-Produced Fuel Consumption per Value Of Production 1998, 2002, and 2006**  
(Btu per constant 2000 dollar <sup>1</sup>)

Iron and Steel Mills (NAICS <sup>2</sup> 331111)	MECS Survey Years		
	1998 <sup>3</sup>	2002 <sup>4</sup>	2006 <sup>4</sup>
Total	NA	19,716	12,179
Electricity	NA	3,839	2,846
Natural Gas	NA	8,052	5,301
Coal	NA	747	228
Residual Fuel	NA	21	309
Coke and Breeze	NA	6,496	3,025

**Notes:** 1. Value of production is 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. 1998 data unavailable due to disclosure avoidance procedures in place at the time.

4. 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.

NA=Not available.

**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.