

1.4.11 EPA Criteria Pollutant Emissions Coefficients
(Million Short Tons/Delivered Quadrillion Btu, unless otherwise noted)

All Buildings

	<u>Electricity (1)</u>	<u>Site Fossil Fuel (2)</u>		<u>Electricity (per primary quad) (1)</u>
SO ₂	0.402	0.042		0.130
NO _x	0.164	0.063		0.053
CO	0.057	0.283		0.018

Note(s): 1) Emissions of SO₂ are 28% lower for 2002 than 1994 estimates since Phase II of the 1990 Clean Air Act Amendments began in 2000. Buildings energy consumption related SO₂ emissions dropped 65% from 1994 to 2011. 2) Includes natural gas, petroleum liquid fuels, coal, and wood.

Source(s): EPA, 1970-2010 National Emissions Inventory, Average Annual Emissions, All Criteria Pollutants, October 2012; and EIA, Annual Energy Outlook 2011 Early Release, Jan. 2012, Summary Reference Case Tables, Table A2, p. 3-5 for energy consumption.