

**Acrolein Emissions**

**Acrolein Point Source Emissions in New England, 2005 (tons/yr)**

Fossil fuel electric power generation	8.46
Other electric power generation	4.26
Paperboard mills	1.12
Pulp mills	1.11
Sawmills	0.66
Paper (except newsprint) mills	0.66
Electric power distribution	0.62
All other miscellaneous wood product manufacturing	0.53
Other millwork, including flooring	0.43
All other rubber product manufacturing	0.33
Reconstituted wood product manufacturing	0.28
All other major point	0.66
<b>Total</b>	<b>19.12</b>

**State Level Acrolein Area Source Emissions, 2002 (sorted by magnitude of emissions)**

State-source categories shown that had emissions > 0.5 tons/year

State	SCC_L1	SCC_L2	SCC_L3	SCC_L4	Tons/Year
MA	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	52.38
ME	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	51.49
NH	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	33.01
CT	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	32.80
MA	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	29.95
** CT	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	21.90
NH	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	10.64
MA	Waste Disposal, Treatment, and Recovery	Open Burning	All Categories	Yard Waste - Brush Species Unspecified	7.14
RI	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	5.02
MA	Waste Disposal, Treatment, and Recovery	Open Burning	Municipal (collected from residences, parks, other)	Weeds, and Br	4.30
ME	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	3.57
VT	Waste Disposal, Treatment, and Recovery	Open Burning	All Categories	Yard Waste - Brush Species Unspecified	3.26
VT	Miscellaneous Area Sources	Other Combustion	Structure Fires	Total	2.87
MA	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	2.81
CT	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	1.55
VT	Waste Disposal, Treatment, and Recovery	Open Burning	Municipal (collected from residences, parks, other)	Weeds, and Br	1.47
ME	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	1.10
NH	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	0.88
NH	Stationary Source Fuel Combustion	Commercial/Institutional	Wood	Total: All Boiler Types	0.79
MA	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	0.58
				<b>Total</b>	<b>267.5</b>

**State level Acrolein Mobile Source Emissions, 2005 (in descending order)**

	Tons/Year	
MA	Onroad	48.4
CT	Onroad	26.8
MA	Airports	20.9
MA	Nonroad	17.2
ME	Onroad	15.4
ME	Nonroad	12.1
ME	Airports	11.9
NH	Onroad	11.9
CT	Nonroad	9.2
CT	Airports	8.4
NH	Nonroad	8.0
NH	Airports	6.8
RI	Onroad	5.8
VT	Onroad	5.5
VT	Airports	5.2
VT	Nonroad	4.5
RI	Nonroad	2.3
RI	Airports	1.6
ME	Commercial marine	0.8
MA	Commercial marine	0.7
CT	Commercial marine	0.3
MA	Rail	0.2
RI	Commercial marine	0.2
NH	Commercial marine	0.1
NH	Rail	0.0
CT	Rail	0.0
ME	Rail	0.0
RI	Rail	0.0
VT	Commercial marine	0.0
VT	Rail	0.0
	<b>Total Mobile Source Emissions</b>	<b>224.1</b>

\* Note: The 2005 NATA analysis was performed using, in most cases, 2002 area source emission estimates.

\*\* The structure fire estimate shown for Connecticut is a revised estimate based on activity data provided by the CT-DEP.