

Acetaldehyde					
From 2002 NEI Units = tons/year					
State level Acetaldehyde Point Source Emissions (in descending order)					
State-source categories shown that had emissions > 0.25 tons/year					
State	SCC1	SCC2	SCC3	SCC4	Tons/Year
ME	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	174.89 *
RI	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	2.92
VT	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	2.21
NH	Industrial Processes	Pulp and Paper and Wood Products	Sulfate (Kraft) Pulping	Other Not Classified	1.22
CT	Internal Combustion Engines	Electric Generation	Natural Gas	Turbine	1.15
ME	Internal Combustion Engines	Electric Generation	Natural Gas	Turbine	1.13
VT	External Combustion Boilers	Electric Generation	Wood/Bark Waste	Wood/Bark Fired Boiler	1.06
MA	External Combustion Boilers	Electric Generation	Residual Oil	Grade 6 Oil: Normal Firing	0.97
MA	Internal Combustion Engines	Electric Generation	Natural Gas	Turbine	0.92
MA	External Combustion Boilers	Electric Generation	Bituminous/Subbituminous Coal	Pulverized Coal: Dry Bottom (Bituminous Coal)	0.79
MA	External Combustion Boilers	Electric Generation	Bituminous/Subbituminous Coal	Pulverized Coal: Dry Bottom (Tangential) (Bitumino	0.50
MA	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Turbine	0.45
RI	Internal Combustion Engines	Electric Generation	Natural Gas	Turbine	0.43
RI	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Turbine	0.42
CT	External Combustion Boilers	Electric Generation	Residual Oil	Grade 6 Oil: Tangential Firing	0.39
NH	External Combustion Boilers	Electric Generation	Bituminous/Subbituminous Coal	Cyclone Furnace (Bituminous Coal)	0.31
MA	External Combustion Boilers	Industrial	Residual Oil	Grade 6 Oil	0.25
* The primary miscellaneous industrial processes that contribute to Maine's large emissions are the pulp & paper industry and oriented strand board manufacturing.					
State Level Acetaldehyde Area Source Emissions (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	451.05
ME	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	443.74
NH	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	284.26
CT	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	282.60
VT	Stationary Source Fuel Combustion	Residential	Wood	Total: Woodstoves and Fireplaces	*
MA	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	24.98
MA	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	15.20
CT	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	13.60
ME	Stationary Source Fuel Combustion	Industrial	Waste oil	Total	12.96
ME	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	10.14
NH	Stationary Source Fuel Combustion	Residential	Wood	Outdoor Wood Burning Equipment	7.95
MA	Waste Disposal, Treatment, and Recovery	Open Burning	All Categories	Yard Waste - Brush Species Unspecified	7.36
CT	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	7.36
VT	Waste Disposal, Treatment, and Recovery	Open Burning	Residential	Household Waste (use 26-10-000-xxx for Yard Wastes	6.91
MA	Waste Disposal, Treatment, and Recovery	Open Burning	Municipal (collected from residences, parks, other	Yard Waste - Total (includes Leaves, Weeds, and Br	4.44
VT	Waste Disposal, Treatment, and Recovery	Open Burning	All Categories	Yard Waste - Leaf Species Unspecified	4.06
VT	Waste Disposal, Treatment, and Recovery	Open Burning	All Categories	Yard Waste - Brush Species Unspecified	3.36
ME	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	3.28
NH	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	2.73
RI	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	2.43
MA	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	1.95
MA	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	ConveyORIZED Charbroiling	1.92
VT	Waste Disposal, Treatment, and Recovery	Open Burning	Municipal (collected from residences, parks, other	Yard Waste - Total (includes Leaves, Weeds, and Br	1.52
VT	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	1.35
CT	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	1.35
MA	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	1.12
CT	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	ConveyORIZED Charbroiling	0.97
ME	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	0.60
CT	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	0.53
* VT did not report Acetaldehyde emissions from residential wood combustion to the 2002 NEI, but has subsequently informed EPA Region 1 that 98.3 tons of this pollutant were emitted from this sector.					
State level Acetaldehyde On-road Mobile Source Emissions (in descending order)					
State-source categories shown that had emissions > 4 tons/year					
State	SCC1	SCC2	SCC3	SCC4	Tons/Year
MA	Highway Vehicles	Gasoline			266.70
CT	Highway Vehicles	Gasoline			183.50
ME	Highway Vehicles	Gasoline			98.70
MA	Highway Vehicles	Diesel			86.70
NH	Highway Vehicles	Gasoline			80.30
VT	Highway Vehicles	Gasoline			59.90
RI	Highway Vehicles	Gasoline			55.10
ME	Highway Vehicles	Diesel			33.00
CT	Highway Vehicles	Diesel			31.00
NH	Highway Vehicles	Diesel			26.80
VT	Highway Vehicles	Diesel			13.80
RI	Highway Vehicles	Diesel			4.00
State level Acetaldehyde Non-road Mobile Source Emissions (in descending order)					
State-source categories shown that had emissions > 4 tons/year					
State	SCC1	SCC2	SCC3	SCC4	Tons/Year
MA	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Stern Drive	20.44
MA	Mobile Sources	Marine Vessels, Commercial	Diesel	Port emissions	15.25
MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	13.87

MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	13.39
CT	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Stern Drive	13.18
ME	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Snowmobiles	12.74
ME	Mobile Sources	Marine Vessels, Commercial	Diesel	Port emissions	12.08
MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	8.03
CT	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	7.83
CT	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	7.56
NH	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	7.43
CT	Mobile Sources	Marine Vessels, Commercial	Diesel	Port emissions	7.26
MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	6.98
ME	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	6.70
MA	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC/Refrigeration	6.58
MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	6.47
MA	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	5.95
MA	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	5.61
MA	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	5.57
RI	Mobile Sources	Marine Vessels, Commercial	Diesel	Port emissions	4.88
MA	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	4.59
CT	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	4.53
MA	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	4.50
MA	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	4.49
VT	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	4.47
NH	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Snowmobiles	4.45
MA	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	4.38
CT	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	4.10
RI	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Stern Drive	4.08
ME	Mobile Sources	Marine Vessels, Commercial	Diesel	Underway emissions	4.03