

Portland Air Toxics Solutions 2005 Emissions Inventory Summary for Area Sources



State of Oregon
Department of
Environmental
Quality



This is a summary of DEQ's 2005 emission inventory for the Portland Air Toxics Solutions (PATS) project. Emissions are in tons per year. Area and Non-Road Sources are listed by Source Classification Code and description. On-Road Sources include cars, trucks, buses and motorcycles and are listed by vehicle type. Permitted industrial (i.e. point) sources are listed by facility name. Questions about the inventory may be submitted to the following email address. Please put "PATS EI" in the subject line: airquality.info@deq.state.or.us

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Acetaldehyde Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	39.3	34.45%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	16.7	14.62%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	10.8	9.52%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	9.3	8.12%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	5.7	5.00%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	5.5	4.87%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	4.7	4.17%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	3.3	2.86%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	3.1	2.68%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	2.3	1.98%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	2.1	1.84%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	2.0	1.73%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	1.4	1.19%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	1.3	1.17%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	1.2	1.07%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	0.9	0.83%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	0.8	0.72%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	0.7	0.57%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	0.5	0.41%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	0.5	0.40%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.3	0.28%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.3	0.26%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.3	0.24%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.2	0.21%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	0.1	0.12%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.1	0.12%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.1	0.11%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.1	0.08%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	0.1	0.08%
2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	0.1	0.07%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	0.1	0.06%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	0.1	0.05%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	4.E-02	0.03%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	3.E-02	0.02%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	2.E-02	0.02%

2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	1.E-02	0.01%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	9.E-03	0.01%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	7.E-03	0.01%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	4.E-03	0.004%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	4.E-03	0.003%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	3.E-03	0.003%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	3.E-03	0.002%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	5.E-04	0.0005%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	2.E-04	0.0002%
2104007000	Stationary Source Fuel Combustion-Residential-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	2.E-04	0.0002%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	2.E-04	0.0002%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	1.E-04	0.0001%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	1.E-04	0.0001%
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	2.E-06	0.000002%
2103010000	Stationary Source Fuel Combustion-Commercial/Institutional-Process gas-POTW Digester Gas-fired Boilers	3.E-07	0.0000003%
	Total	113.96	

Acrolein Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2810030000	Miscellaneous Area Sources-Other Combustion-Structure Fires-Total	43.40	70.95%
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	4.51	7.38%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	2.46	4.02%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	1.97	3.22%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	1.81	2.96%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	1.37	2.24%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	0.90	1.48%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	0.64	1.05%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	0.47	0.77%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	0.43	0.70%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.40	0.65%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	0.36	0.60%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	0.30	0.50%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.29	0.47%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	0.26	0.42%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	0.23	0.37%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.20	0.34%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.18	0.30%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	0.18	0.29%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	0.17	0.28%
2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	0.11	0.18%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	0.11	0.18%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	0.09	0.15%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	0.0856	0.14%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	0.0786	0.13%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	0.0597	0.10%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	0.0297	0.05%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	0.0269	0.04%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.0187	0.03%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.0115	0.02%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	0.0091	0.01%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	0.0003	0.001%
	Total	61.16	

Butadiene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	10.5	28.84%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	5.9	16.02%
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	5.8	15.75%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	4.0	10.89%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	1.8	5.05%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	1.6	4.31%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	1.3	3.59%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	1.2	3.25%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	1.0	2.75%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	0.7	1.92%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	0.5	1.34%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	0.3	0.93%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	0.3	0.93%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Genera	0.3	0.82%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	0.2	0.65%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	0.2	0.64%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	0.2	0.42%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.1	0.41%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.1	0.39%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.1	0.29%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.1	0.19%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.1	0.18%
2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	4.E-02	0.12%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	4.E-02	0.10%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	3.E-02	0.09%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	2.E-02	0.06%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	1.E-02	0.03%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	1.E-02	0.03%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	8.E-04	0.002%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	1.E-04	0.0003%
Total		36.6	

Formaldehyde Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	70.8	26.02%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	39.4	14.48%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	22.7	8.32%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	20.2	7.41%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	20.1	7.39%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	17.3	6.37%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	13.1	4.80%
2810030000	Miscellaneous Area Sources-Other Combustion-Structure Fires-Total	10.0	3.69%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	7.7	2.81%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	7.5	2.76%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	7.1	2.59%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	4.7	1.73%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	3.7	1.37%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	3.3	1.21%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	3.2	1.16%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	2.8	1.04%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	2.6	0.94%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	2.1	0.76%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	1.5	0.55%
2104007000	Stationary Source Fuel Combustion-Residential-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	1.2	0.44%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	1.1	0.42%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	1.1	0.41%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.9	0.34%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.9	0.32%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	0.8	0.31%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	0.7	0.26%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.6	0.23%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.6	0.22%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.6	0.21%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.5	0.18%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.4	0.16%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.4	0.15%

2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	0.3	0.12%
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Types	0.3	0.11%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	0.3	0.10%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.3	0.10%
2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	0.3	0.10%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	0.2	0.08%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	0.2	0.08%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.2	0.07%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	0.2	0.07%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.1	0.03%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	0.1	0.02%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	5.E-02	0.02%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	5.E-02	0.02%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	3.E-02	0.01%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	3.E-02	0.01%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Type:	2.E-02	0.01%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	2.E-02	0.01%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	2.E-02	0.01%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	1.E-02	0.005%
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	1.E-02	0.004%
2305000000	Industrial Processes-Mineral Processes: SIC 32-All Processes-Total	8.E-03	0.003%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	5.E-03	0.002%
2103010000	Stationary Source Fuel Combustion-Commercial/Institutional-Process gas-POTW Digester Gas-fired Boilers	2.E-03	0.001%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	8.E-04	0.0003%
2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	7.E-10	0.0000000003%
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	8.E-11	0.00000000003%
	Total	272.3	

Naphthalene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Types	35.3	36.81%
2461022000	Solvent Utilization-Miscellaneous Non-industrial: Commercial-Emulsified Asphalt-Total: All Solvent Types	24.9	25.92%
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	10.0	10.42%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	9.5	9.85%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	4.8	5.06%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	2.7	2.84%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	2.0	2.04%
2461021000	Solvent Utilization-Miscellaneous Non-industrial: Commercial-Cutback Asphalt-Total: All Solvent Types	1.1	1.13%
2501060000	Storage and Transport-Petroleum and Petroleum Product Storage-Gasoline Service Stations-Total: All Gasoline/All Processes	0.7	0.72%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	0.6	0.61%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	0.5	0.55%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	0.5	0.55%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	0.4	0.46%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	0.4	0.39%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	0.3	0.33%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	0.2	0.25%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	0.2	0.23%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	0.2	0.21%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.2	0.20%
2302003100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Frying-Flat Griddle Frying	0.2	0.19%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	0.2	0.19%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	0.2	0.18%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.2	0.17%
2401090000	Solvent Utilization-Surface Coating-Miscellaneous Manufacturing-Total: All Solvent Types	0.1	0.10%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	0.1	0.09%
2305070000	Industrial Processes-Mineral Processes: SIC 32-Concrete, Gypsum, Plaster Products-Total	0.1	0.07%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	0.1	0.07%
2461023000	Solvent Utilization-Miscellaneous Non-industrial: Commercial-Asphalt Roofing-Total: All Solvent Types	0.1	0.07%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	5.E-02	0.05%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	5.E-02	0.05%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	4.E-02	0.05%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	3.E-02	0.03%

2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	3.E-02	0.03%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	2.E-02	0.02%
2505030120	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Gasoline	1.E-02	0.01%
2801500000	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Total, all crop types	1.E-02	0.01%
2104007000	Stationary Source Fuel Combustion-Residential-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	1.E-02	0.01%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	9.E-03	0.01%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	9.E-03	0.01%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	6.E-03	0.01%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	5.E-03	0.01%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	4.E-03	0.005%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	3.E-03	0.003%
2501011012	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Evaporation (includes Diurnal losses)	2.E-03	0.002%
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	2.E-03	0.002%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	2.E-03	0.002%
2801501000	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Propaning - tractor-pulled burners to burn stubble only-Total, all crop types	1.E-03	0.001%
2501011011	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Permeator	1.E-03	0.001%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	1.E-03	0.001%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	9.E-04	0.001%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	7.E-04	0.001%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	6.E-04	0.001%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	5.E-04	0.0005%
2501012013	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Spillage During Transport	3.E-04	0.0003%
2501011013	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Spillage During Transport	2.E-04	0.0002%
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	9.E-05	0.0001%
2501012012	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Evaporation (includes Diurnal losses)	7.E-05	0.0001%
2501012011	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Permeation	4.E-05	0.00004%
	Total	95.9	

Benzene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	52.8	18.89%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	30.9	11.04%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	30.2	10.78%
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	28.1	10.06%
2440000000	Solvent Utilization-Miscellaneous Industrial-All Processes-Total: All Solvent Types	22.6	8.09%
2501060000	Storage and Transport-Petroleum and Petroleum Product Storage-Gasoline Service Stations-Total: All Gasoline/All Processes	22.0	7.88%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	12.4	4.44%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	9.5	3.41%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	8.7	3.12%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	8.5	3.04%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	7.6	2.73%
2310000000	Industrial Processes-Oil and Gas Production: SIC 13-All Processes-Total: All Processes	6.9	2.47%
2501011012	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Evaporation (includes Diurnal losses)	4.2	1.51%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	3.9	1.39%
2501011011	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Permeation	3.8	1.37%
2401001000	Solvent Utilization-Surface Coating-Architectural Coatings-Total: All Solvent Types	3.5	1.25%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	3.4	1.22%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	3.2	1.14%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	3.0	1.08%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	1.7	0.61%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	1.5	0.52%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	1.2	0.43%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	1.2	0.42%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	1.0	0.37%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	0.9	0.34%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.7	0.26%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.7	0.26%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	0.7	0.23%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	0.6	0.23%
2430000000	Solvent Utilization-Rubber/Plastics-All Processes-Total: All Solvent Types	0.5	0.19%
2501012013	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Spillage During Transport	0.5	0.17%
2620030000	Waste Disposal, Treatment, and Recovery-Landfills-Municipal-Total	0.4	0.16%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.4	0.15%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.4	0.14%
2501011013	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Spillage During Transport	0.3	0.12%

2505030120	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Gasoline	0.2	0.08%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.2	0.07%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.2	0.07%
2501012012	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Evaporation (includes Diurnal losses)	0.1	0.05%
2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	0.1	0.04%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	0.1	0.04%
2501012011	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Permeation	0.1	0.04%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.1	0.03%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	0.1	0.03%
2104007000	Stationary Source Fuel Combustion-Residential-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	3.E-02	0.01%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	3.E-02	0.01%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	3.E-02	0.01%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	2.E-02	0.01%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	2.E-02	0.01%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	4.E-03	0.001%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	4.E-03	0.001%
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	4.E-03	0.001%
2305070000	Industrial Processes-Mineral Processes: SIC 32-Concrete, Gypsum, Plaster Products-Total	2.E-03	0.001%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	2.E-03	0.001%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	1.E-03	0.0004%
2505030180	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Kerosene	6.E-04	0.0002%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	5.E-04	0.0002%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	5.E-04	0.0002%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	3.E-04	0.0001%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	3.E-04	0.0001%
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	3.E-04	0.0001%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	2.E-04	0.0001%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	2.E-04	0.0001%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	1.E-04	0.00004%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	1.E-04	0.00004%
2103010000	Stationary Source Fuel Combustion-Commercial/Institutional-Process gas-POTW Digester Gas-fired Boilers	5.E-05	0.00002%
	Total	279.8	

Dichlorobenzene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	39.1	59.04%
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Types	27.0	40.81%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	0.1	0.15%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	2.E-03	0.002%
	Total	66.2	

PM2.5 Emissions Estimates from distillate and diesel fuel burning: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	28.4	53.66%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	12.2	23.01%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	7.2	13.60%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	1.5	2.74%
	Total	49.3	

Ethylbenzene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2401001000	Solvent Utilization-Surface Coating-Architectural Coatings-Total: All Solvent Types	58.4	57.29%
2501060000	Storage and Transport-Petroleum and Petroleum Product Storage-Gasoline Service Stations-Total: All Gasoline/All Processes	7.1	6.96%
2401090000	Solvent Utilization-Surface Coating-Miscellaneous Manufacturing-Total: All Solvent Types	7.0	6.83%
2501011012	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Evaporation (includes Diurnal losses)	6.9	6.76%
2501011011	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Permeation	3.5	3.46%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	3.4	3.38%
2401200000	Solvent Utilization-Surface Coating-Other Special Purpose Coatings-Total: All Solvent Types	2.4	2.33%
2401100000	Solvent Utilization-Surface Coating-Industrial Maintenance Coatings-Total: All Solvent Types	2.3	2.27%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	1.9	1.83%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	1.3	1.27%
2310000000	Industrial Processes-Oil and Gas Production: SIC 13-All Processes-Total: All Processes	1.2	1.14%
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Types	1.0	0.98%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	0.8	0.82%
2501012013	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Spillage During Transport	0.8	0.79%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	0.7	0.71%
2610000500	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Land Clearing Debris (use 28-10-005-000 for Logging Debris Burning)	0.6	0.58%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	0.6	0.57%
2501011013	Storage and Transport-Petroleum and Petroleum Product Storage-Residential Portable Gas Cans-Spillage During Transport	0.6	0.55%
2620030000	Waste Disposal, Treatment, and Recovery-Landfills-Municipal-Total	0.4	0.38%
2501012012	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Evaporation (includes Diurnal losses)	0.2	0.21%
2801500500	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Vine Crop Unspecified	0.2	0.20%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	0.1	0.11%
2501012011	Storage and Transport-Petroleum and Petroleum Product Storage-Commercial Portable Gas Cans-Permeation	0.1	0.10%
2801500450	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Filbert (Hazelnut)	0.1	0.09%
2610000400	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Brush Species Unspecified	0.1	0.07%
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	0.1	0.06%
2801500320	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Apple	0.1	0.05%
2801500430	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Prune	0.0	0.04%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.0	0.03%
2610000100	Waste Disposal, Treatment, and Recovery-Open Burning-All Categories-Yard Waste - Leaf Species Unspecified	0.0	0.03%
2505030120	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Gasoline	0.0	0.03%
2801500350	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Cherry	0.0	0.03%

2801500420	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Pear	0.0	0.02%
2801500410	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Peach	0.0	0.02%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	0.0	0.01%
2801500440	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop is Walnut	0.0	0.01%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	0.0	0.002%
2305070000	Industrial Processes-Mineral Processes: SIC 32-Concrete, Gypsum, Plaster Products-Total	0.0	0.001%
2801500300	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Orchard Crop Unspecified	0.0	0.0001%
2505030180	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Kerosene	0.0	0.00002%
	Total	101.9	

Methylene Chloride Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2402000000	Solvent Utilization-Paint Strippers-Application, Degradation, and Coating Removal Steps-Other Not Listed	1,874.6	92.59%
2401001000	Solvent Utilization-Surface Coating-Architectural Coatings-Total: All Solvent Types	64.2	3.17%
2301050001	Industrial Processes-Chemical Manufacturing-SIC 28-Plastics Production : Reactor (Polyurethane)	29.5	1.46%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	16.5	0.82%
2401200000	Solvent Utilization-Surface Coating-Other Special Purpose Coatings-Total: All Solvent Types	7.8	0.38%
2401100000	Solvent Utilization-Surface Coating-Industrial Maintenance Coatings-Total: All Solvent Types	7.6	0.37%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	6.8	0.33%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	4.1	0.20%
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	3.7	0.18%
2401090000	Solvent Utilization-Surface Coating-Miscellaneous Manufacturing-Total: All Solvent Types	3.1	0.15%
2401002000	Solvent Utilization-Surface Coating-Architectural Coatings - Solvent-based-Total: All Solvent Types	2.7	0.13%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	1.9	0.10%
2620030000	Waste Disposal, Treatment, and Recovery-Landfills-Municipal-Total	1.0	0.05%
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Type:	0.5	0.03%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	0.4	0.02%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes)	0.1	0.01%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.1	0.003%
2460900000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-Miscellaneous Products (Not Otherwise Covered)-Total: All Solvent Types	0.0	0.001%
	Total	2,024.6	

Perchloroethylene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	18.0	74.20%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	2.4	9.97%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	1.9	7.91%
2460900000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-Miscellaneous Products (Not Otherwise Covered)-Total: All Solvent Types	0.6	2.61%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	0.5	2.15%
2620030000	Waste Disposal, Treatment, and Recovery-Landfills-Municipal-Total	0.5	2.04%
2460800000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All FIFRA Related Products-Total: All Solvent Types	0.1	0.61%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	0.1	0.51%
	Total	24.2	

Note: Perc drycleaner emissions (non-permitted) are not included here. Perc drycleaner emissions are estimated to be 43.1 tpy within the PATS EI grid.

Trichloroethylene Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2440000000	Solvent Utilization-Miscellaneous Industrial-All Processes-Total: All Solvent Types	8.5	89.28%
2620030000	Waste Disposal, Treatment, and Recovery-Landfills-Municipal-Total	0.3	3.07%
2460400000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Automotive Aftermarket Products-Total: All Solvent Types	0.2	2.15%
2430000000	Solvent Utilization-Rubber/Plastics-All Processes-Total: All Solvent Types	0.2	1.99%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	0.1	1.47%
2460500000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Coatings and Related Products-Total: All Solvent Types	0.1	1.21%
2460200000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Household Products-Total: All Solvent Types	4.E-02	0.37%
2460600000	Solvent Utilization-Miscellaneous Non-industrial: Consumer and Commercial-All Adhesives and Sealants-Total: All Solvent Types	3.E-02	0.31%
2401035000	Solvent Utilization-Surface Coating-Plastic Products: SIC 308-Total: All Solvent Types	1.E-02	0.14%
	Total	9.5	

Arsenic Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.010	27.56%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.008	20.99%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.004	11.98%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.003	8.60%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.003	8.33%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	0.003	7.65%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.001	3.92%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	0.001	2.74%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	0.001	2.18%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	0.001	2.06%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	5.E-04	1.33%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	4.E-04	1.18%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	3.E-04	0.82%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	1.E-04	0.38%
2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	1.E-04	0.27%
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	1.E-05	0.03%
Total		0.037	

Cadmium Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.043	35.52%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.035	29.28%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	0.016	12.96%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.008	6.63%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.008	6.36%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.003	2.76%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.002	1.99%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.001	0.76%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	0.001	0.63%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	0.001	0.50%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	0.001	0.49%
2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	4.E-04	0.31%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	4.E-04	0.31%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	3.E-04	0.27%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	3.E-04	0.27%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	2.E-04	0.19%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	2.E-04	0.19%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	2.E-04	0.15%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	2.E-04	0.12%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	1.E-04	0.10%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	1.E-04	0.08%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	4.E-05	0.04%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	4.E-05	0.04%
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	4.E-05	0.03%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	3.E-05	0.03%
	Total	0.121	

Lead Estimates: tpy

SCC	Description	Total
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.123
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.023
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.020
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.010
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.007
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	0.007
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.004
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.004
2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	0.002
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	0.002
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	0.002
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	0.001
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	0.001
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Type:	0.001
2305070000	Industrial Processes-Mineral Processes: SIC 32-Concrete, Gypsum, Plaster Products-Total	0.001
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	0.001
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	3.E-04
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	7.E-05
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	5.E-05
2505030180	Storage and Transport-Petroleum and Petroleum Product Transport-Truck-Kerosene	4.E-05
	Total	0.209

Manganese Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	0.054	39.78%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.015	11.31%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.015	10.91%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.013	9.56%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.007	5.09%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.007	4.91%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.005	3.53%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	0.005	3.37%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.003	2.04%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	0.003	1.87%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	0.002	1.26%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	0.002	1.12%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	0.001	0.93%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diese	0.001	0.89%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	0.001	0.77%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	0.001	0.66%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	0.001	0.54%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	0.001	0.48%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	5.E-04	0.33%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	3.E-04	0.25%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	3.E-04	0.22%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	2.E-04	0.16%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	9.E-06	0.01%
	Total	0.136	

Nickel Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	0.198	50.06%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	0.082	20.74%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	0.049	12.36%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	0.030	7.56%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	0.015	3.87%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	0.008	1.95%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.004	1.10%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	0.003	0.85%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	0.002	0.61%
2102012000	Stationary Source Fuel Combustion-Industrial-Waste oil-Total	0.001	0.19%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	0.001	0.15%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	4.E-04	0.10%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	4.E-04	0.09%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	3.E-04	0.08%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	2.E-04	0.06%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	2.E-04	0.05%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	2.E-04	0.05%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	2.E-04	0.04%
2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	1.E-04	0.03%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	8.E-05	0.02%
2630020000	Waste Disposal, Treatment, and Recovery-Wastewater Treatment-Public Owned-Total Processed	5.E-05	0.01%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	5.E-05	0.01%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	3.E-05	0.01%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	3.E-05	0.01%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	3.E-05	0.01%
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	1.E-05	0.003%
	Total	0.396	

15-PAH Estimates: tpy

SCC	Description	Total	Percent_Of_Area_Sources
2104008100	Stationary Source Fuel Combustion-Residential-Wood-Fireplace: general	17.9	26.74%
2104008310	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, non-EPA certified	12.2	18.19%
2501060000	Storage and Transport-Petroleum and Petroleum Product Storage-Gasoline Service Stations-Total: All Gasoline/All Processes	9.1	13.55%
2104008210	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; non-EPA certified	6.8	10.15%
2104008400	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: pellet-fired, general	6.0	8.99%
2104008330	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, catalytic	3.9	5.75%
2104008320	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: freestanding, EPA certified, non-catalytic	2.3	3.45%
2104008010	Stationary Source Fuel Combustion-Residential-Wood-Woodstoves: General	2.0	3.05%
2104008220	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; non-catalytic	1.9	2.89%
2104008001	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: General	0.9	1.36%
2104008002	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; non-EPA certified	0.8	1.15%
2104008230	Stationary Source Fuel Combustion-Residential-Wood-Woodstove: fireplace inserts; EPA certified; catalytic	0.5	0.71%
2104008050	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: General	0.5	0.68%
2610030000	Waste Disposal, Treatment, and Recovery-Open Burning-Residential-Household Waste (use 26-10-000-xxx for Yard Wastes	0.4	0.65%
2302002200	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Under-fired Charbroiling	0.4	0.55%
2104008003	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; non-catalytic	0.3	0.47%
2104008053	Stationary Source Fuel Combustion-Residential-Wood-Non-catalytic Woodstoves: Pellet Fired	0.3	0.41%
2302003100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Frying-Flat Griddle Frying	0.2	0.29%
2810015000	Miscellaneous Area Sources-Other Combustion-Prescribed Burning for Forest Management-Total	0.2	0.27%
2104008030	Stationary Source Fuel Combustion-Residential-Wood-Catalytic Woodstoves: General	0.1	0.22%
2302002100	Industrial Processes-Food and Kindred Products: SIC 20-Commercial Cooking - Charbroiling-Conveyorized Charbroiling	0.1	0.19%
2104008004	Stationary Source Fuel Combustion-Residential-Wood-Fireplaces: Insert; EPA certified; catalytic	0.1	0.15%
2801500000	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Field Burning - whole field set on fire-Total, all crop types	0.1	0.12%
2801501000	Miscellaneous Area Sources-Agriculture Production - Crops-Agricultural Propaning - tractor-pulled burners to burn stubble only-Total, all crop types	1.E-02	0.02%
2104006000	Stationary Source Fuel Combustion-Residential-Natural Gas-Total: All Combustor Types	2.E-03	0.003%
2505020121	Storage and Transport-Petroleum and Petroleum Product Transport-Marine Vessel-Barge-Gasoline	1.E-03	0.002%
2102004000	Stationary Source Fuel Combustion-Industrial-Distillate Oil-Total: Boilers and IC Engines	1.E-03	0.002%
2102006000	Stationary Source Fuel Combustion-Industrial-Natural Gas-Total: Boilers and IC Engines	7.E-04	0.001%
2104004000	Stationary Source Fuel Combustion-Residential-Distillate Oil-Total: All Combustor Types	5.E-04	0.001%
2104007000	Stationary Source Fuel Combustion-Residential-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	4.E-04	0.001%
2103004000	Stationary Source Fuel Combustion-Commercial/Institutional-Distillate Oil-Total: Boilers and IC Engines	3.E-04	0.001%
2103006000	Stationary Source Fuel Combustion-Commercial/Institutional-Natural Gas-Total: Boilers and IC Engines	3.E-04	0.001%

2810060100	Miscellaneous Area Sources-Other Combustion-Cremation-Humans	2.E-04	0.0004%
2102005000	Stationary Source Fuel Combustion-Industrial-Residual Oil-Total: All Boiler Types	1.E-04	0.0002%
2801520004	Miscellaneous Area Sources-Agriculture Production - Crops-Orchard Heaters-Diesel	9.E-05	0.0001%
2104011000	Stationary Source Fuel Combustion-Residential-Kerosene-Total: All Heater Types	5.E-05	0.0001%
2103011000	Stationary Source Fuel Combustion-Commercial/Institutional-Kerosene-Total: All Combustor Types	5.E-05	0.0001%
2103005000	Stationary Source Fuel Combustion-Commercial/Institutional-Residual Oil-Total: All Boiler Types	3.E-05	0.0001%
2102011000	Stationary Source Fuel Combustion-Industrial-Kerosene-Total: All Boiler Types	3.E-05	0.00005%
2810060200	Miscellaneous Area Sources-Other Combustion-Cremation-Animals	3.E-05	0.00004%
2103007000	Stationary Source Fuel Combustion-Commercial/Institutional-Liquified Petroleum Gas (LPG)-Total: All Combustor Types	4.E-06	0.00001%
	Total	67.1	