

US EPA ARCHIVE DOCUMENT

## 1999 Draft Emissions for Massachusetts: For Review Only

This spreadsheet summarizes the county-level emissions input into the ASPEN model. The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. These results should not be used for comparison with 1996 NATA results to perform trends analysis because in addition to being draft, changes have been made to emission inventory and processing methodologies.

See [www.epa.gov/ttn/chief/net/index.html#1999](http://www.epa.gov/ttn/chief/net/index.html#1999) for more information on the draft 1999 NEI for HAPs.

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata1999/natsalim2.html>

### DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Statewide	N/A	N/A	Acetaldehyde - Primary	1.67E-01	2.04E-05	2.10E+01	2.57E-03	5.03E+02	6.16E-02	4.12E+02	5.05E-02	9.37E+02	1.15E-01
Massachusetts	Statewide	N/A	N/A	Acrolein - Primary	7.91E-02	9.67E-06	4.89E+01	5.99E-03	7.66E+01	9.38E-03	4.35E+01	5.32E-03	1.69E+02	2.07E-02
Massachusetts	Statewide	N/A	N/A	Acrylonitrile	1.74E+01	2.13E-03	1.11E+01	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+01	3.49E-03
Massachusetts	Statewide	N/A	N/A	Arsenic Compounds	9.87E-01	1.21E-04	2.91E-01	3.56E-05	3.61E-01	4.42E-05	1.74E-01	2.13E-05	1.81E+00	2.22E-04
Massachusetts	Statewide	N/A	N/A	Benzene	5.00E+01	6.12E-03	7.46E+02	9.13E-02	2.71E+03	3.32E-01	1.36E+03	1.66E-01	4.87E+03	5.96E-01
Massachusetts	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Statewide	N/A	N/A	Beryllium Compounds	5.95E-03	7.28E-07	2.48E+00	3.04E-04	0.00E+00	0.00E+00	1.61E-03	1.97E-07	2.49E+00	3.05E-04
Massachusetts	Statewide	N/A	N/A	1,3-Butadiene	0.00E+00	0.00E+00	1.77E+01	2.17E-03	4.38E+02	5.36E-02	1.87E+02	2.29E-02	6.42E+02	7.86E-02
Massachusetts	Statewide	N/A	N/A	Cadmium Compounds	1.23E-01	1.51E-05	3.19E-01	3.91E-05	0.00E+00	0.00E+00	2.50E-03	3.06E-07	4.45E-01	5.45E-05
Massachusetts	Statewide	N/A	N/A	Carbon Disulfide	2.32E+00	2.84E-04	1.32E+01	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+01	1.90E-03
Massachusetts	Statewide	N/A	N/A	Carbon Tetrachloride	3.18E-02	3.89E-06	1.95E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00	2.43E-04
Massachusetts	Statewide	N/A	N/A	Chloroform	1.85E-01	2.27E-05	2.45E+02	3.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02	3.00E-02
Massachusetts	Statewide	N/A	N/A	Chromium Compounds: Total	1.22E+00	1.50E-04	1.33E+00	1.63E-04	2.66E-01	3.25E-05	2.21E-02	2.70E-06	2.84E+00	3.48E-04
Massachusetts	Statewide	N/A	N/A	Chromium Compounds: Hexavalent only	1.19E-01	1.46E-05	4.48E-01	5.48E-05	1.06E-01	1.30E-05	7.50E-03	9.17E-07	6.81E-01	8.33E-05
Massachusetts	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.60E+00	1.95E-04	2.42E+02	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+02	2.98E-02
Massachusetts	Statewide	N/A	N/A	1,3-Dichloropropene	0.00E+00	0.00E+00	4.94E+02	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E+02	6.04E-02
Massachusetts	Statewide	N/A	N/A	Ethylene Dibromide	9.72E-03	1.19E-06	6.92E-03	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02	2.04E-06
Massachusetts	Statewide	N/A	N/A	Ethylene Dichloride	2.11E+00	2.58E-04	1.89E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+00	4.89E-04
Massachusetts	Statewide	N/A	N/A	Ethylene Oxide	0.00E+00	0.00E+00	1.60E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00	1.96E-04
Massachusetts	Statewide	N/A	N/A	Formaldehyde - Primary	4.29E+01	5.24E-03	1.72E+02	2.10E-02	1.76E+03	2.15E-01	1.01E+03	1.24E-01	2.98E+03	3.65E-01
Massachusetts	Statewide	N/A	N/A	Hexachlorobenzene	0.00E+00	0.00E+00	2.44E-03	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	2.99E-07
Massachusetts	Statewide	N/A	N/A	Hexachlorobutadiene	0.00E+00	0.00E+00	1.13E-03	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	1.39E-07
Massachusetts	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	7.06E-02	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	8.64E-06
Massachusetts	Statewide	N/A	N/A	Lead Compounds	1.08E+00	1.32E-04	3.97E+00	4.86E-04	0.00E+00	0.00E+00	1.06E+01	1.30E-03	1.57E+01	1.92E-03
Massachusetts	Statewide	N/A	N/A	Manganese Compounds	8.65E-01	1.06E-04	5.76E-01	7.04E-05	9.05E-02	1.11E-05	2.56E-02	3.14E-06	1.56E+00	1.90E-04
Massachusetts	Statewide	N/A	N/A	Mercury Compounds	5.17E-01	6.32E-05	2.63E-01	3.22E-05	3.81E-01	4.67E-05	1.43E-01	1.75E-05	1.30E+00	1.60E-04
Massachusetts	Statewide	N/A	N/A	Methylene Chloride	1.24E+02	1.52E-02	1.00E+03	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03	1.38E-01
Massachusetts	Statewide	N/A	N/A	Nickel Compounds	1.29E+01	1.57E-03	3.06E+00	3.75E-04	2.00E-01	2.45E-05	2.26E-01	2.77E-05	1.63E+01	2.00E-03
Massachusetts	Statewide	N/A	N/A	Perchloroethylene	3.20E+01	3.92E-03	4.11E+02	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E+02	5.42E-02
Massachusetts	Statewide	N/A	N/A	Polychlorinated Biphenyls	0.00E+00	0.00E+00	3.11E-01	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-01	3.81E-05
Massachusetts	Statewide	N/A	N/A	Polycyclic Organic Matter	9.80E+00	1.20E-03	2.77E+02	3.39E-02	8.18E+01	1.00E-02	2.79E+01	3.41E-03	3.96E+02	4.85E-02
Massachusetts	Statewide	N/A	N/A	7-PAH	5.38E-03	6.59E-07	8.36E+00	1.02E-03	5.88E-01	7.19E-05	3.65E-01	4.46E-05	9.32E+00	1.14E-03
Massachusetts	Statewide	N/A	N/A	Propylene Dichloride	1.05E+00	1.29E-04	6.54E-01	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00	2.09E-04
Massachusetts	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	1.48E-03	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	1.82E-07
Massachusetts	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.64E+00	1.18E-03	5.70E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+01	1.88E-03
Massachusetts	Statewide	N/A	N/A	Trichloroethylene	1.72E+02	2.10E-02	2.04E+02	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+02	4.60E-02
Massachusetts	Statewide	N/A	N/A	Vinyl Chloride	2.37E+01	2.90E-03	1.41E+01	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E+01	4.63E-03
Massachusetts	All Urban Counties	N/A	U	Acetaldehyde - Primary	1.67E-01	2.51E-05	1.73E+01	2.60E-03	4.64E+02	6.97E-02	3.84E+02	5.77E-02	8.65E+02	1.30E-01
Massachusetts	Bristol County	25005	U	Acetaldehyde - Primary	1.19E-01	2.07E-04	1.46E+00	2.53E-03	4.17E+01	7.23E-02	1.63E+01	2.84E-02	5.96E+01	1.03E-01
Massachusetts	Essex County	25009	U	Acetaldehyde - Primary	3.03E-02	5.46E-05	2.38E+00	2.30E-03	5.62E+01	1.01E-01	2.28E+01	4.11E-02	8.03E+01	1.45E-01
Massachusetts	Franklin County	25011	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.75E+00	2.41E-03	1.09E+01	1.50E-02	3.57E+00	4.91E-03	1.62E+01	2.23E-02
Massachusetts	Hampden County	25013	U	Acetaldehyde - Primary	1.44E-02	2.24E-05	1.71E+00	2.66E-03	3.73E+01	5.81E-02	1.08E+01	1.68E-02	4.98E+01	7.76E-02
Massachusetts	Hampshire County	25015	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.25E+00	2.32E-03	1.60E+01	2.98E-02	4.22E+00	7.87E-03	2.14E+01	4.00E-02
Massachusetts	Middlesex County	25017	U	Acetaldehyde - Primary	3.01E-03	3.54E-06	2.67E+00	3.14E-03	1.10E+02	1.29E-01	5.23E+01	6.15E-02	1.65E+02	1.94E-01

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Norfolk County	25021	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.32E+00	3.20E-03	6.16E+01	1.50E-01	2.15E+01	5.21E-02	8.44E+01	2.05E-01
Massachusetts	Plymouth County	25023	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.56E+00	2.18E-03	3.45E+01	4.82E-02	1.61E+01	2.25E-02	5.22E+01	7.29E-02
Massachusetts	Suffolk County	25025	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.53E-01	5.14E-03	2.77E+01	4.03E-01	2.12E+02	3.09E+00	2.40E+02	3.49E+00
Massachusetts	Worcester County	25027	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.97E+00	2.52E-03	6.77E+01	4.31E-02	2.44E+01	1.55E-02	9.61E+01	6.11E-02
Massachusetts	All Urban Counties	N/A	U	Acrolein - Primary	7.91E-02	1.19E-05	4.35E+01	6.53E-03	7.06E+01	1.06E-02	3.95E+01	5.93E-03	1.54E+02	2.31E-02
Massachusetts	Bristol County	25005	U	Acrolein - Primary	5.63E-02	9.77E-05	3.79E+00	6.58E-03	6.38E+00	1.11E-02	1.39E+00	2.41E-03	1.16E+01	2.02E-02
Massachusetts	Essex County	25009	U	Acrolein - Primary	1.54E-02	2.78E-05	4.39E+00	7.90E-03	8.58E+00	1.54E-02	2.19E+00	3.93E-03	1.52E+01	2.73E-02
Massachusetts	Franklin County	25011	U	Acrolein - Primary	0.00E+00	0.00E+00	2.13E+00	2.93E-03	1.55E+00	2.14E-03	6.24E-01	8.58E-04	4.31E+00	5.93E-03
Massachusetts	Hampden County	25013	U	Acrolein - Primary	7.33E-03	1.14E-05	3.72E+00	5.80E-03	5.61E+00	8.74E-03	1.03E+00	1.60E-03	1.04E+01	1.61E-02
Massachusetts	Hampshire County	25015	U	Acrolein - Primary	0.00E+00	0.00E+00	1.93E+00	3.60E-03	2.41E+00	4.49E-03	4.14E-01	7.72E-04	4.75E+00	8.86E-03
Massachusetts	Middlesex County	25017	U	Acrolein - Primary	0.00E+00	0.00E+00	8.91E+00	1.05E-02	1.69E+01	1.98E-02	4.78E+00	5.62E-03	3.05E+01	3.59E-02
Massachusetts	Norfolk County	25021	U	Acrolein - Primary	0.00E+00	0.00E+00	4.15E+00	1.01E-02	9.46E+00	2.30E-02	2.02E+00	4.91E-03	1.56E+01	3.80E-02
Massachusetts	Plymouth County	25023	U	Acrolein - Primary	0.00E+00	0.00E+00	3.69E+00	5.15E-03	5.28E+00	7.36E-03	1.88E+00	2.63E-03	1.08E+01	1.51E-02
Massachusetts	Suffolk County	25025	U	Acrolein - Primary	0.00E+00	0.00E+00	3.39E+00	4.93E-02	4.30E+00	6.26E-02	2.30E+01	3.34E-01	3.07E+01	4.46E-01
Massachusetts	Worcester County	25027	U	Acrolein - Primary	0.00E+00	0.00E+00	7.39E+00	4.70E-03	1.02E+01	6.50E-03	2.15E+00	1.37E-03	1.98E+01	1.26E-02
Massachusetts	All Urban Counties	N/A	U	Acrylonitrile	1.71E+01	2.56E-03	9.30E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+01	3.96E-03
Massachusetts	Bristol County	25005	U	Acrylonitrile	1.28E+00	2.21E-03	1.01E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00	3.97E-03
Massachusetts	Essex County	25009	U	Acrylonitrile	1.36E+00	2.45E-03	1.09E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00	4.41E-03
Massachusetts	Franklin County	25011	U	Acrylonitrile	0.00E+00	0.00E+00	2.72E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-01	3.74E-04
Massachusetts	Hampden County	25013	U	Acrylonitrile	1.58E+00	2.47E-03	8.30E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+00	3.76E-03
Massachusetts	Hampshire County	25015	U	Acrylonitrile	1.05E+00	1.95E-03	4.54E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00	2.80E-03
Massachusetts	Middlesex County	25017	U	Acrylonitrile	5.87E+00	6.91E-03	8.33E-01	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E+00	7.89E-03
Massachusetts	Norfolk County	25021	U	Acrylonitrile	1.54E+00	3.74E-03	7.04E-01	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00	5.45E-03
Massachusetts	Plymouth County	25023	U	Acrylonitrile	2.30E-01	3.21E-04	1.31E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00	2.14E-03
Massachusetts	Suffolk County	25025	U	Acrylonitrile	0.00E+00	0.00E+00	1.44E-01	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01	2.09E-03
Massachusetts	Worcester County	25027	U	Acrylonitrile	4.15E+00	2.64E-03	2.66E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E+00	4.33E-03
Massachusetts	All Urban Counties	N/A	U	Arsenic Compounds	9.86E-01	1.48E-04	2.67E-01	4.01E-05	3.32E-01	4.99E-05	1.64E-01	2.46E-05	1.75E+00	2.63E-04
Massachusetts	Bristol County	25005	U	Arsenic Compounds	1.45E-01	2.52E-04	2.18E-02	3.78E-05	2.96E-02	5.14E-05	6.86E-03	1.19E-05	2.04E-01	3.54E-04
Massachusetts	Essex County	25009	U	Arsenic Compounds	8.19E-01	1.47E-03	2.98E-02	5.36E-05	4.04E-02	7.27E-05	9.99E-03	1.80E-05	8.99E-01	1.62E-03
Massachusetts	Franklin County	25011	U	Arsenic Compounds	0.00E+00	0.00E+00	2.87E-03	3.96E-06	8.89E-03	1.22E-05	1.30E-03	1.79E-06	1.31E-02	1.80E-05
Massachusetts	Hampden County	25013	U	Arsenic Compounds	1.10E-02	1.71E-05	1.96E-02	3.05E-05	2.65E-02	4.13E-05	4.89E-03	7.61E-06	6.20E-02	9.66E-05
Massachusetts	Hampshire County	25015	U	Arsenic Compounds	0.00E+00	0.00E+00	6.50E-03	1.21E-05	1.12E-02	2.10E-05	2.03E-03	3.79E-06	1.98E-02	3.69E-05
Massachusetts	Middlesex County	25017	U	Arsenic Compounds	3.55E-03	4.17E-06	6.58E-02	7.74E-05	7.82E-02	9.20E-05	2.45E-02	2.88E-05	1.72E-01	2.02E-04
Massachusetts	Norfolk County	25021	U	Arsenic Compounds	0.00E+00	0.00E+00	2.89E-02	7.01E-05	4.37E-02	1.06E-04	9.86E-03	2.39E-05	8.25E-02	2.00E-04
Massachusetts	Plymouth County	25023	U	Arsenic Compounds	3.49E-03	4.87E-06	2.03E-02	2.84E-05	2.45E-02	3.42E-05	6.70E-03	9.35E-06	5.50E-02	7.68E-05
Massachusetts	Suffolk County	25025	U	Arsenic Compounds	0.00E+00	0.00E+00	3.31E-02	4.82E-04	1.90E-02	2.76E-04	8.60E-02	1.25E-03	1.38E-01	2.01E-03
Massachusetts	Worcester County	25027	U	Arsenic Compounds	3.60E-03	2.29E-06	3.85E-02	2.45E-05	5.02E-02	3.20E-05	1.16E-02	7.37E-06	1.04E-01	6.61E-05
Massachusetts	All Urban Counties	N/A	U	Benzene	4.92E+01	7.40E-03	6.11E+02	9.17E-02	2.51E+03	3.77E-01	1.05E+03	1.58E-01	4.22E+03	6.34E-01
Massachusetts	Bristol County	25005	U	Benzene	3.55E+00	6.16E-03	3.25E+01	5.64E-02	2.29E+02	3.97E-01	7.65E+01	1.33E-01	3.41E+02	5.92E-01
Massachusetts	Essex County	25009	U	Benzene	3.58E+00	6.45E-03	3.23E+01	5.82E-02	3.09E+02	5.57E-01	1.32E+02	2.37E-01	4.77E+02	8.59E-01
Massachusetts	Franklin County	25011	U	Benzene	0.00E+00	0.00E+00	2.06E+01	2.84E-02	5.52E+01	7.60E-02	2.88E+01	3.96E-02	1.05E+02	1.44E-01
Massachusetts	Hampden County	25013	U	Benzene	4.12E+00	6.42E-03	2.50E+01	3.89E-02	1.81E+02	2.83E-01	5.24E+01	8.16E-02	2.63E+02	4.09E-01
Massachusetts	Hampshire County	25015	U	Benzene	2.70E+00	5.03E-03	2.93E+01	5.46E-02	7.72E+01	1.44E-01	1.99E+01	3.72E-02	1.29E+02	2.41E-01
Massachusetts	Middlesex County	25017	U	Benzene	1.57E+01	1.85E-02	1.26E+02	1.48E-01	6.04E+02	7.10E-01	2.14E+02	2.52E-01	9.60E+02	1.13E+00
Massachusetts	Norfolk County	25021	U	Benzene	4.33E+00	1.05E-02	7.75E+01	1.88E-01	3.38E+02	8.21E-01	9.91E+01	2.41E-01	5.19E+02	1.26E+00
Massachusetts	Plymouth County	25023	U	Benzene	5.93E-01	8.28E-04	1.05E+02	1.47E-01	1.89E+02	2.63E-01	1.30E+02	1.81E-01	4.24E+02	5.92E-01
Massachusetts	Suffolk County	25025	U	Benzene	3.91E+00	5.68E-02	2.62E+01	3.81E-01	1.50E+02	2.18E+00	1.97E+02	2.87E+00	3.77E+02	5.49E+00
Massachusetts	Worcester County	25027	U	Benzene	1.07E+01	6.82E-03	1.36E+02	8.64E-02	3.75E+02	2.39E-01	1.00E+02	6.37E-02	6.22E+02	3.96E-01
Massachusetts	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Bristol County	25005	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Essex County	25009	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Franklin County	25011	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Hampden County	25013	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Benzidine	0.00E+00	0.00E+00								

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Middlesex County	25017	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Plymouth County	25023	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Suffolk County	25025	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Worcester County	25027	U	Benzidine	0.00E+00	0.00E+00								
Massachusetts	All Urban Counties	N/A	U	Beryllium Compounds	5.95E-03	8.93E-07	2.47E+00	3.72E-04	0.00E+00	0.00E+00	1.44E-03	2.16E-07	2.48E+00	3.73E-04
Massachusetts	Bristol County	25005	U	Beryllium Compounds	4.15E-03	7.20E-06	1.46E-02	2.54E-05	0.00E+00	0.00E+00	4.17E-05	7.23E-08	1.88E-02	3.27E-05
Massachusetts	Essex County	25009	U	Beryllium Compounds	1.19E-03	2.14E-06	2.01E-02	3.63E-05	0.00E+00	0.00E+00	3.65E-06	6.57E-09	2.13E-02	3.84E-05
Massachusetts	Franklin County	25011	U	Beryllium Compounds	0.00E+00	0.00E+00	1.97E-03	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	2.72E-06
Massachusetts	Hampden County	25013	U	Beryllium Compounds	5.31E-04	8.27E-07	1.15E-02	1.79E-05	0.00E+00	0.00E+00	3.77E-04	5.87E-07	1.24E-02	1.93E-05
Massachusetts	Hampshire County	25015	U	Beryllium Compounds	0.00E+00	0.00E+00	4.20E-03	7.83E-06	0.00E+00	0.00E+00	1.54E-04	2.88E-07	4.36E-03	8.12E-06
Massachusetts	Middlesex County	25017	U	Beryllium Compounds	7.57E-05	8.90E-08	3.53E-01	4.15E-04	0.00E+00	0.00E+00	2.09E-04	2.46E-07	3.53E-01	4.15E-04
Massachusetts	Norfolk County	25021	U	Beryllium Compounds	0.00E+00	0.00E+00	2.02E+00	4.90E-03	0.00E+00	0.00E+00	1.49E-04	3.62E-07	2.02E+00	4.90E-03
Massachusetts	Plymouth County	25023	U	Beryllium Compounds	0.00E+00	0.00E+00	1.32E-02	1.83E-05	0.00E+00	0.00E+00	1.53E-05	2.13E-08	1.32E-02	1.84E-05
Massachusetts	Suffolk County	25025	U	Beryllium Compounds	0.00E+00	0.00E+00	1.71E-02	2.48E-04	0.00E+00	0.00E+00	1.27E-04	1.84E-06	1.72E-02	2.50E-04
Massachusetts	Worcester County	25027	U	Beryllium Compounds	0.00E+00	0.00E+00	1.94E-02	1.23E-05	0.00E+00	0.00E+00	3.63E-04	2.31E-07	1.98E-02	1.26E-05
Massachusetts	All Urban Counties	N/A	U	1,3-Butadiene	0.00E+00	0.00E+00	1.43E+01	2.15E-03	4.03E+02	6.06E-02	1.53E+02	2.30E-02	5.70E+02	8.57E-02
Massachusetts	Bristol County	25005	U	1,3-Butadiene	0.00E+00	0.00E+00	1.19E+00	2.06E-03	3.61E+01	6.27E-02	1.07E+01	1.85E-02	4.80E+01	8.33E-02
Massachusetts	Essex County	25009	U	1,3-Butadiene	0.00E+00	0.00E+00	8.99E-01	1.62E-03	4.89E+01	8.80E-02	1.77E+01	3.19E-02	6.75E+01	1.22E-01
Massachusetts	Franklin County	25011	U	1,3-Butadiene	0.00E+00	0.00E+00	1.71E+00	2.35E-03	9.84E+00	1.35E-02	2.87E+00	3.95E-03	1.44E+01	1.98E-02
Massachusetts	Hampden County	25013	U	1,3-Butadiene	0.00E+00	0.00E+00	1.46E+00	2.27E-03	3.26E+01	5.07E-02	8.03E+00	1.25E-02	4.21E+01	6.55E-02
Massachusetts	Hampshire County	25015	U	1,3-Butadiene	0.00E+00	0.00E+00	1.15E+00	2.15E-03	1.39E+01	2.59E-02	2.87E+00	5.36E-03	1.79E+01	3.34E-02
Massachusetts	Middlesex County	25017	U	1,3-Butadiene	0.00E+00	0.00E+00	1.78E+00	2.10E-03	9.55E+01	1.12E-01	3.32E+01	3.90E-02	1.30E+02	1.53E-01
Massachusetts	Norfolk County	25021	U	1,3-Butadiene	0.00E+00	0.00E+00	1.05E+00	2.56E-03	5.33E+01	1.29E-01	1.50E+01	3.63E-02	6.93E+01	1.68E-01
Massachusetts	Plymouth County	25023	U	1,3-Butadiene	0.00E+00	0.00E+00	1.35E+00	1.89E-03	3.00E+01	4.19E-02	1.66E+01	2.31E-02	4.79E+01	6.69E-02
Massachusetts	Suffolk County	25025	U	1,3-Butadiene	0.00E+00	0.00E+00	7.12E-02	1.04E-03	2.38E+01	3.46E-01	3.14E+01	4.57E-01	5.53E+01	8.04E-01
Massachusetts	Worcester County	25027	U	1,3-Butadiene	0.00E+00	0.00E+00	3.62E+00	2.30E-03	5.93E+01	3.77E-02	1.47E+01	9.35E-03	7.76E+01	4.94E-02
Massachusetts	All Urban Counties	N/A	U	Cadmium Compounds	7.49E-02	1.13E-05	3.06E-01	4.59E-05	0.00E+00	0.00E+00	2.33E-03	3.50E-07	3.83E-01	5.75E-05
Massachusetts	Bristol County	25005	U	Cadmium Compounds	1.02E-02	1.77E-05	1.44E-01	2.50E-04	0.00E+00	0.00E+00	1.53E-04	2.66E-07	1.55E-01	2.68E-04
Massachusetts	Essex County	25009	U	Cadmium Compounds	5.64E-03	1.01E-05	2.09E-02	3.76E-05	0.00E+00	0.00E+00	5.11E-05	9.19E-08	2.66E-02	4.78E-05
Massachusetts	Franklin County	25011	U	Cadmium Compounds	0.00E+00	0.00E+00	2.05E-03	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	2.82E-06
Massachusetts	Hampden County	25013	U	Cadmium Compounds	3.03E-03	4.72E-06	1.26E-02	1.96E-05	0.00E+00	0.00E+00	3.77E-04	5.87E-07	1.60E-02	2.49E-05
Massachusetts	Hampshire County	25015	U	Cadmium Compounds	0.00E+00	0.00E+00	4.54E-03	8.46E-06	0.00E+00	0.00E+00	1.54E-04	2.88E-07	4.69E-03	8.75E-06
Massachusetts	Middlesex County	25017	U	Cadmium Compounds	1.06E-03	1.24E-06	4.52E-02	5.31E-05	0.00E+00	0.00E+00	2.11E-04	2.48E-07	4.64E-02	5.46E-05
Massachusetts	Norfolk County	25021	U	Cadmium Compounds	0.00E+00	0.00E+00	2.07E-02	5.03E-05	0.00E+00	0.00E+00	1.50E-04	3.65E-07	2.09E-02	5.06E-05
Massachusetts	Plymouth County	25023	U	Cadmium Compounds	2.98E-03	4.16E-06	1.43E-02	2.00E-05	0.00E+00	0.00E+00	1.77E-05	2.47E-08	1.73E-02	2.42E-05
Massachusetts	Suffolk County	25025	U	Cadmium Compounds	0.00E+00	0.00E+00	1.93E-02	2.80E-04	0.00E+00	0.00E+00	8.50E-04	1.24E-05	2.01E-02	2.93E-04
Massachusetts	Worcester County	25027	U	Cadmium Compounds	5.20E-02	3.31E-05	2.18E-02	1.39E-05	0.00E+00	0.00E+00	3.63E-04	2.31E-07	7.42E-02	4.72E-05
Massachusetts	All Urban Counties	N/A	U	Carbon Disulfide	2.28E+00	3.42E-04	1.26E+01	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+01	2.23E-03
Massachusetts	Bristol County	25005	U	Carbon Disulfide	1.93E-01	3.35E-04	1.86E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00	3.56E-03
Massachusetts	Essex County	25009	U	Carbon Disulfide	1.86E-01	3.35E-04	2.35E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+00	4.56E-03
Massachusetts	Franklin County	25011	U	Carbon Disulfide	0.00E+00	0.00E+00	1.22E-01	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	1.68E-04
Massachusetts	Hampden County	25013	U	Carbon Disulfide	2.12E-01	3.30E-04	6.06E-01	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-01	1.27E-03
Massachusetts	Hampshire County	25015	U	Carbon Disulfide	1.37E-01	2.56E-04	7.50E-01	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-01	1.65E-03
Massachusetts	Middlesex County	25017	U	Carbon Disulfide	7.72E-01	9.08E-04	1.73E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+00	2.94E-03
Massachusetts	Norfolk County	25021	U	Carbon Disulfide	2.02E-01	4.91E-04	1.58E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00	4.33E-03
Massachusetts	Plymouth County	25023	U	Carbon Disulfide	3.02E-02	4.22E-05	8.37E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-01	1.21E-03
Massachusetts	Suffolk County	25025	U	Carbon Disulfide	0.00E+00	0.00E+00	1.02E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00	1.48E-02
Massachusetts	Worcester County	25027	U	Carbon Disulfide	5.46E-01	3.47E-04	1.72E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00	1.44E-03
Massachusetts	All Urban Counties	N/A	U	Carbon Tetrachloride	3.13E-02	4.69E-06	1.83E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00	2.80E-04
Massachusetts	Bristol County	25005	U	Carbon Tetrachloride	2.34E-03	4.05E-06	1.70E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-01	2.99E-04
Massachusetts	Essex County	25009	U	Carbon Tetrachloride	2.49E-03	4.49E-06	2.28E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01	4.15E-04
Massachusetts	Franklin County	25011	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.23E-02	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-02	3.07E-05
Massachusetts	Hampden County	25013	U	Carbon Tetrachloride	2.90E-03	4.52E-06	1.36E-01	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	2.17E-04

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Hampshire County	25015	U	Carbon Tetrachloride	1.92E-03	3.57E-06	5.09E-02	9.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02	9.85E-05
Massachusetts	Middlesex County	25017	U	Carbon Tetrachloride	1.08E-02	1.27E-05	4.40E-01	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-01	5.30E-04
Massachusetts	Norfolk County	25021	U	Carbon Tetrachloride	2.82E-03	6.85E-06	2.04E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	5.03E-04
Massachusetts	Plymouth County	25023	U	Carbon Tetrachloride	4.21E-04	5.88E-07	1.49E-01	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01	2.08E-04
Massachusetts	Suffolk County	25025	U	Carbon Tetrachloride	0.00E+00	0.00E+00	1.99E-01	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-01	2.90E-03
Massachusetts	Worcester County	25027	U	Carbon Tetrachloride	7.60E-03	4.84E-06	2.36E-01	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01	1.55E-04
Massachusetts	All Urban Counties	N/A	U	Chloroform	1.82E-01	2.73E-05	2.31E+02	3.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+02	3.48E-02
Massachusetts	Bristol County	25005	U	Chloroform	1.36E-02	2.36E-05	1.85E+01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+01	3.21E-02
Massachusetts	Essex County	25009	U	Chloroform	1.45E-02	2.61E-05	3.23E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+01	5.82E-02
Massachusetts	Franklin County	25011	U	Chloroform	0.00E+00	0.00E+00	2.65E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00	3.64E-03
Massachusetts	Hampden County	25013	U	Chloroform	1.69E-02	2.63E-05	5.44E+00	8.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E+00	8.50E-03
Massachusetts	Hampshire County	25015	U	Chloroform	1.11E-02	2.08E-05	3.55E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+00	6.64E-03
Massachusetts	Middlesex County	25017	U	Chloroform	6.26E-02	7.36E-05	6.86E+01	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E+01	8.08E-02
Massachusetts	Norfolk County	25021	U	Chloroform	1.64E-02	3.98E-05	2.53E+01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+01	6.14E-02
Massachusetts	Plymouth County	25023	U	Chloroform	2.45E-03	3.42E-06	1.30E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-02
Massachusetts	Suffolk County	25025	U	Chloroform	0.00E+00	0.00E+00	3.77E+01	5.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+01	5.48E-01
Massachusetts	Worcester County	25027	U	Chloroform	4.43E-02	2.82E-05	2.43E+01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+01	1.55E-02
Massachusetts	All Urban Counties	N/A	U	Chromium Compounds: Total	8.15E-01	1.22E-04	1.31E+00	1.97E-04	2.45E-01	3.67E-05	1.82E-02	2.73E-06	2.39E+00	3.58E-04
Massachusetts	Bristol County	25005	U	Chromium Compounds: Total	6.22E-01	1.08E-03	3.24E-02	5.62E-05	2.18E-02	3.78E-05	1.54E-03	2.68E-06	6.78E-01	1.18E-03
Massachusetts	Essex County	25009	U	Chromium Compounds: Total	1.54E-01	2.76E-04	1.62E-01	2.92E-04	2.98E-02	5.36E-05	2.10E-03	3.79E-06	3.48E-01	6.26E-04
Massachusetts	Franklin County	25011	U	Chromium Compounds: Total	0.00E+00	0.00E+00	3.36E-02	4.63E-05	6.49E-03	8.93E-06	2.62E-04	3.60E-07	4.04E-02	5.56E-05
Massachusetts	Hampden County	25013	U	Chromium Compounds: Total	1.86E-02	2.89E-05	2.57E-01	4.01E-04	1.95E-02	3.04E-05	9.24E-04	1.44E-06	2.96E-01	4.62E-04
Massachusetts	Hampshire County	25015	U	Chromium Compounds: Total	0.00E+00	0.00E+00	1.30E-01	2.43E-04	8.23E-03	1.53E-05	3.56E-04	6.63E-07	1.39E-01	2.59E-04
Massachusetts	Middlesex County	25017	U	Chromium Compounds: Total	2.26E-03	2.66E-06	2.70E-01	3.17E-04	5.76E-02	6.78E-05	3.51E-03	4.13E-06	3.33E-01	3.92E-04
Massachusetts	Norfolk County	25021	U	Chromium Compounds: Total	0.00E+00	0.00E+00	1.72E-01	4.19E-04	3.22E-02	7.81E-05	1.61E-03	3.92E-06	2.06E-01	5.01E-04
Massachusetts	Plymouth County	25023	U	Chromium Compounds: Total	4.87E-03	6.79E-06	7.71E-02	1.08E-04	1.81E-02	2.52E-05	1.86E-03	2.60E-06	1.02E-01	1.42E-04
Massachusetts	Suffolk County	25025	U	Chromium Compounds: Total	0.00E+00	0.00E+00	2.98E-02	4.33E-04	1.40E-02	2.03E-04	4.39E-03	6.39E-05	4.82E-02	7.01E-04
Massachusetts	Worcester County	25027	U	Chromium Compounds: Total	1.34E-02	8.52E-06	1.43E-01	9.11E-05	3.70E-02	2.35E-05	1.62E-03	1.03E-06	1.95E-01	1.24E-04
Massachusetts	All Urban Counties	N/A	U	Chromium Compounds: Hexavalent only	9.48E-02	1.42E-05	4.37E-01	6.57E-05	9.78E-02	1.47E-05	6.18E-03	9.29E-07	6.36E-01	9.56E-05
Massachusetts	Bristol County	25005	U	Chromium Compounds: Hexavalent only	7.61E-02	1.32E-04	1.61E-02	2.79E-05	8.70E-03	1.51E-05	5.24E-04	9.10E-07	1.01E-01	1.76E-04
Massachusetts	Essex County	25009	U	Chromium Compounds: Hexavalent only	1.51E-02	2.71E-05	6.07E-02	1.09E-04	1.19E-02	2.14E-05	7.15E-04	1.29E-06	8.84E-02	1.59E-04
Massachusetts	Franklin County	25011	U	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	1.74E-03	2.39E-06	2.58E-03	3.55E-06	8.90E-05	1.22E-07	4.40E-03	6.06E-06
Massachusetts	Hampden County	25013	U	Chromium Compounds: Hexavalent only	1.44E-03	2.25E-06	1.01E-01	1.57E-04	7.82E-03	1.22E-05	3.14E-04	4.90E-07	1.10E-01	1.72E-04
Massachusetts	Hampshire County	25015	U	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	4.47E-02	8.33E-05	3.29E-03	6.13E-06	1.21E-04	2.26E-07	4.81E-02	8.97E-05
Massachusetts	Middlesex County	25017	U	Chromium Compounds: Hexavalent only	4.08E-04	4.79E-07	1.19E-01	1.40E-04	2.30E-02	2.71E-05	1.19E-03	1.40E-06	1.44E-01	1.69E-04
Massachusetts	Norfolk County	25021	U	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	1.97E-02	4.77E-05	1.29E-02	3.12E-05	5.48E-04	1.33E-06	3.31E-02	8.03E-05
Massachusetts	Plymouth County	25023	U	Chromium Compounds: Hexavalent only	2.92E-04	4.08E-07	4.18E-02	5.83E-05	7.23E-03	1.01E-05	6.33E-04	8.84E-07	5.00E-02	6.97E-05
Massachusetts	Suffolk County	25025	U	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	1.39E-02	2.03E-04	5.59E-03	8.13E-05	1.49E-03	2.17E-05	2.10E-02	3.06E-04
Massachusetts	Worcester County	25027	U	Chromium Compounds: Hexavalent only	1.50E-03	9.57E-07	1.88E-02	1.19E-05	1.48E-02	9.41E-06	5.50E-04	3.50E-07	3.56E-02	2.27E-05
Massachusetts	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Bristol County	25005	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Essex County	25009	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Franklin County	25011	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Hampden County	25013	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Middlesex County	25017	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Plymouth County	25023	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Suffolk County	25025	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Worcester County	25027	U	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.57E+00	2.36E-04	2.27E+02	3.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02	3.44E-02
Massachusetts	Bristol County	25005	U	1,4-Dichlorobenzene	1.17E-01	2.03E-04	2.04E+01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+01	3.56E-02
Massachusetts	Essex County	25009	U	1,4-Dichlorobenzene	1.25E-01	2.25E-04	2.75E+01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+01	4.98E-02
Massachusetts	Franklin County	25011	U	1,4-Dichlorobenzene	0.00E+00	0.00E+00	2.79E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+00	3.83E-03

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Hampden County	25013	U	1,4-Dichlorobenzene	1.46E-01	2.27E-04	1.72E+01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+01	2.70E-02
Massachusetts	Hampshire County	25015	U	1,4-Dichlorobenzene	9.61E-02	1.79E-04	5.92E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+00	1.12E-02
Massachusetts	Middlesex County	25017	U	1,4-Dichlorobenzene	5.40E-01	6.35E-04	5.57E+01	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E+01	6.61E-02
Massachusetts	Norfolk County	25021	U	1,4-Dichlorobenzene	1.41E-01	3.43E-04	2.52E+01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+01	6.14E-02
Massachusetts	Plymouth County	25023	U	1,4-Dichlorobenzene	2.11E-02	2.95E-05	1.86E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+01	2.59E-02
Massachusetts	Suffolk County	25025	U	1,4-Dichlorobenzene	0.00E+00	0.00E+00	2.50E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+01	3.64E-01
Massachusetts	Worcester County	25027	U	1,4-Dichlorobenzene	3.81E-01	2.43E-04	2.90E+01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+01	1.87E-02
Massachusetts	All Urban Counties	N/A	U	1,3-Dichloropropene	0.00E+00	0.00E+00	4.65E+02	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E+02	6.98E-02
Massachusetts	Bristol County	25005	U	1,3-Dichloropropene	0.00E+00	0.00E+00	4.16E+01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+01	7.22E-02
Massachusetts	Essex County	25009	U	1,3-Dichloropropene	0.00E+00	0.00E+00	5.64E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+01	1.01E-01
Massachusetts	Franklin County	25011	U	1,3-Dichloropropene	0.00E+00	0.00E+00	5.66E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E+00	7.79E-03
Massachusetts	Hampden County	25013	U	1,3-Dichloropropene	0.00E+00	0.00E+00	3.51E+01	5.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E+01	5.46E-02
Massachusetts	Hampshire County	25015	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.21E+01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+01	2.25E-02
Massachusetts	Middlesex County	25017	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.14E+02	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+02	1.34E-01
Massachusetts	Norfolk County	25021	U	1,3-Dichloropropene	0.00E+00	0.00E+00	5.15E+01	1.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E+01	1.25E-01
Massachusetts	Plymouth County	25023	U	1,3-Dichloropropene	0.00E+00	0.00E+00	3.78E+01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E+01	5.28E-02
Massachusetts	Suffolk County	25025	U	1,3-Dichloropropene	0.00E+00	0.00E+00	5.13E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+01	7.47E-01
Massachusetts	Worcester County	25027	U	1,3-Dichloropropene	0.00E+00	0.00E+00	5.91E+01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E+01	3.76E-02
Massachusetts	All Urban Counties	N/A	U	Ethylene Dibromide	9.54E-03	1.43E-06	5.91E-03	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-02	2.32E-06
Massachusetts	Bristol County	25005	U	Ethylene Dibromide	7.13E-04	1.24E-06	8.09E-04	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	2.64E-06
Massachusetts	Essex County	25009	U	Ethylene Dibromide	7.61E-04	1.37E-06	8.11E-04	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	2.83E-06
Massachusetts	Franklin County	25011	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.50E-04	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	2.06E-07
Massachusetts	Hampden County	25013	U	Ethylene Dibromide	8.86E-04	1.38E-06	4.39E-04	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	2.06E-06
Massachusetts	Hampshire County	25015	U	Ethylene Dibromide	5.85E-04	1.09E-06	3.70E-04	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	1.78E-06
Massachusetts	Middlesex County	25017	U	Ethylene Dibromide	3.28E-03	3.86E-06	3.83E-04	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	4.31E-06
Massachusetts	Norfolk County	25021	U	Ethylene Dibromide	8.61E-04	2.09E-06	5.38E-04	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	3.40E-06
Massachusetts	Plymouth County	25023	U	Ethylene Dibromide	1.29E-04	1.79E-07	7.35E-04	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	1.20E-06
Massachusetts	Suffolk County	25025	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.08E-04	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	1.57E-06
Massachusetts	Worcester County	25027	U	Ethylene Dibromide	2.32E-03	1.48E-06	1.57E-03	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	2.47E-06
Massachusetts	All Urban Counties	N/A	U	Ethylene Dichloride	2.07E+00	3.11E-04	1.67E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+00	5.61E-04
Massachusetts	Bristol County	25005	U	Ethylene Dichloride	1.62E-01	2.81E-04	1.23E-01	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-01	4.95E-04
Massachusetts	Essex County	25009	U	Ethylene Dichloride	1.67E-01	3.00E-04	7.00E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-01	1.56E-03
Massachusetts	Franklin County	25011	U	Ethylene Dichloride	0.00E+00	0.00E+00	3.28E-02	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-02	4.51E-05
Massachusetts	Hampden County	25013	U	Ethylene Dichloride	1.92E-01	3.00E-04	9.66E-02	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-01	4.50E-04
Massachusetts	Hampshire County	25015	U	Ethylene Dichloride	1.26E-01	2.35E-04	5.62E-02	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	3.40E-04
Massachusetts	Middlesex County	25017	U	Ethylene Dichloride	7.09E-01	8.34E-04	8.65E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-01	9.36E-04
Massachusetts	Norfolk County	25021	U	Ethylene Dichloride	1.86E-01	4.51E-04	8.34E-02	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01	6.54E-04
Massachusetts	Plymouth County	25023	U	Ethylene Dichloride	2.78E-02	3.87E-05	1.55E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	2.55E-04
Massachusetts	Suffolk County	25025	U	Ethylene Dichloride	0.00E+00	0.00E+00	1.32E-02	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	1.92E-04
Massachusetts	Worcester County	25027	U	Ethylene Dichloride	5.01E-01	3.19E-04	3.18E-01	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-01	5.21E-04
Massachusetts	All Urban Counties	N/A	U	Ethylene Oxide	0.00E+00	0.00E+00	1.55E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00	2.33E-04
Massachusetts	Bristol County	25005	U	Ethylene Oxide	0.00E+00	0.00E+00	8.60E-02	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-02	1.49E-04
Massachusetts	Essex County	25009	U	Ethylene Oxide	0.00E+00	0.00E+00	1.21E-01	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	2.18E-04
Massachusetts	Franklin County	25011	U	Ethylene Oxide	0.00E+00	0.00E+00	9.74E-03	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03	1.34E-05
Massachusetts	Hampden County	25013	U	Ethylene Oxide	0.00E+00	0.00E+00	8.89E-02	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-02	1.38E-04
Massachusetts	Hampshire County	25015	U	Ethylene Oxide	0.00E+00	0.00E+00	2.47E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02	4.60E-05
Massachusetts	Middlesex County	25017	U	Ethylene Oxide	0.00E+00	0.00E+00	2.51E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-01	2.95E-04
Massachusetts	Norfolk County	25021	U	Ethylene Oxide	0.00E+00	0.00E+00	1.03E-01	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	2.50E-04
Massachusetts	Plymouth County	25023	U	Ethylene Oxide	0.00E+00	0.00E+00	7.39E-02	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-02	1.03E-04
Massachusetts	Suffolk County	25025	U	Ethylene Oxide	0.00E+00	0.00E+00	3.64E-01	5.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01	5.30E-03
Massachusetts	Worcester County	25027	U	Ethylene Oxide	0.00E+00	0.00E+00	4.28E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-01	2.72E-04
Massachusetts	All Urban Counties	N/A	U	Formaldehyde - Primary	4.28E+01	6.43E-03	1.39E+02	2.09E-02	1.62E+03	2.43E-01	9.39E+02	1.41E-01	2.74E+03	4.12E-01
Massachusetts	Bristol County	25005	U	Formaldehyde - Primary	1.84E-01	3.20E-04	1.05E+01	1.82E-02	1.45E+02	2.52E-01	4.05E+01	7.02E-02	1.97E+02	3.41E-01
Massachusetts	Essex County	25009	U	Formaldehyde - Primary	1.30E+00	2.34E-03	9.45E+00	1.70E-02	1.96E+02	3.53E-01	5.73E+01	1.03E-01	2.64E+02	4.76E-01

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Franklin County	25011	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.12E+01	1.54E-02	3.84E+01	5.28E-02	1.10E+01	1.51E-02	6.05E+01	8.33E-02
Massachusetts	Hampden County	25013	U	Formaldehyde - Primary	4.71E+00	7.33E-03	1.20E+01	1.86E-02	1.31E+02	2.04E-01	2.84E+01	4.43E-02	1.76E+02	2.74E-01
Massachusetts	Hampshire County	25015	U	Formaldehyde - Primary	3.20E+01	5.97E-02	8.06E+00	1.50E-02	5.61E+01	1.05E-01	1.10E+01	2.05E-02	1.07E+02	2.00E-01
Massachusetts	Middlesex County	25017	U	Formaldehyde - Primary	3.70E+00	4.35E-03	2.88E+01	3.39E-02	3.84E+02	4.52E-01	1.33E+02	1.56E-01	5.50E+02	6.46E-01
Massachusetts	Norfolk County	25021	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.01E+01	2.46E-02	2.15E+02	5.22E-01	5.53E+01	1.34E-01	2.81E+02	6.81E-01
Massachusetts	Plymouth County	25023	U	Formaldehyde - Primary	4.78E-01	6.67E-04	1.09E+01	1.53E-02	1.21E+02	1.68E-01	4.14E+01	5.78E-02	1.73E+02	2.42E-01
Massachusetts	Suffolk County	25025	U	Formaldehyde - Primary	0.00E+00	0.00E+00	4.56E+00	6.63E-02	9.68E+01	1.41E+00	5.00E+02	7.27E+00	6.01E+02	8.75E+00
Massachusetts	Worcester County	25027	U	Formaldehyde - Primary	3.99E-01	2.54E-04	3.36E+01	2.13E-02	2.36E+02	1.50E-01	6.17E+01	3.92E-02	3.32E+02	2.11E-01
Massachusetts	All Urban Counties	N/A	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.88E-03	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	2.82E-07
Massachusetts	Bristol County	25005	U	Hexachlorobenzene	0.00E+00	0.00E+00	5.49E-06	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06	9.53E-09
Massachusetts	Essex County	25009	U	Hexachlorobenzene	0.00E+00	0.00E+00	6.59E-06	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06	1.19E-08
Massachusetts	Franklin County	25011	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.83E-04	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	2.52E-07
Massachusetts	Hampden County	25013	U	Hexachlorobenzene	0.00E+00	0.00E+00	2.40E-06	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	3.73E-09
Massachusetts	Hampshire County	25015	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.91E-04	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	3.55E-07
Massachusetts	Middlesex County	25017	U	Hexachlorobenzene	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Hexachlorobenzene	0.00E+00	0.00E+00	2.37E-06	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	5.76E-09
Massachusetts	Plymouth County	25023	U	Hexachlorobenzene	0.00E+00	0.00E+00	6.88E-04	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04	9.60E-07
Massachusetts	Suffolk County	25025	U	Hexachlorobenzene	0.00E+00	0.00E+00	8.43E-07	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-07	1.23E-08
Massachusetts	Worcester County	25027	U	Hexachlorobenzene	0.00E+00	0.00E+00	7.96E-04	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04	5.06E-07
Massachusetts	All Urban Counties	N/A	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.07E-03	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	1.60E-07
Massachusetts	Bristol County	25005	U	Hexachlorobutadiene	0.00E+00	0.00E+00	9.54E-05	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	1.66E-07
Massachusetts	Essex County	25009	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.29E-04	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	2.33E-07
Massachusetts	Franklin County	25011	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.30E-05	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	1.79E-08
Massachusetts	Hampden County	25013	U	Hexachlorobutadiene	0.00E+00	0.00E+00	8.04E-05	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05	1.25E-07
Massachusetts	Hampshire County	25015	U	Hexachlorobutadiene	0.00E+00	0.00E+00	2.77E-05	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	5.16E-08
Massachusetts	Middlesex County	25017	U	Hexachlorobutadiene	0.00E+00	0.00E+00	2.62E-04	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	3.08E-07
Massachusetts	Norfolk County	25021	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.18E-04	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	2.87E-07
Massachusetts	Plymouth County	25023	U	Hexachlorobutadiene	0.00E+00	0.00E+00	8.67E-05	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05	1.21E-07
Massachusetts	Suffolk County	25025	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.18E-04	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	1.71E-06
Massachusetts	Worcester County	25027	U	Hexachlorobutadiene	0.00E+00	0.00E+00	1.35E-04	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	8.62E-08
Massachusetts	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Bristol County	25005	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Essex County	25009	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Franklin County	25011	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Hampden County	25013	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Middlesex County	25017	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Plymouth County	25023	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Suffolk County	25025	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Worcester County	25027	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	All Urban Counties	N/A	U	Hydrazine	0.00E+00	0.00E+00	7.06E-02	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	1.06E-05
Massachusetts	Bristol County	25005	U	Hydrazine	0.00E+00	0.00E+00	1.46E-04	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	2.54E-07
Massachusetts	Essex County	25009	U	Hydrazine	0.00E+00	0.00E+00	7.02E-02	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02	1.26E-04
Massachusetts	Franklin County	25011	U	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.05E-09
Massachusetts	Hampden County	25013	U	Hydrazine	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Hydrazine	0.00E+00	0.00E+00	6.77E-05	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	1.26E-07
Massachusetts	Middlesex County	25017	U	Hydrazine	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Hydrazine	0.00E+00	0.00E+00	9.84E-05	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	2.39E-07
Massachusetts	Plymouth County	25023	U	Hydrazine	0.00E+00	0.00E+00	1.71E-05	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	2.39E-08
Massachusetts	Suffolk County	25025	U	Hydrazine	0.00E+00	0.00E+00	3.49E-05	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	5.08E-07
Massachusetts	Worcester County	25027	U	Hydrazine	0.00E+00	0.00E+00	6.92E-05	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	4.40E-08
Massachusetts	All Urban Counties	N/A	U	Lead Compounds	8.54E-01	1.28E-04	3.84E+00	5.77E-04	0.00E+00	0.00E+00	6.67E+00	1.00E-03	1.14E+01	1.71E-03
Massachusetts	Bristol County	25005	U	Lead Compounds	1.03E-01	1.78E-04	1.30E+00	2.26E-03	0.00E+00	0.00E+00	2.83E-01	4.92E-04	1.69E+00	2.93E-03

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Essex County	25009	U	Lead Compounds	1.16E-01	2.09E-04	2.49E-01	4.48E-04	0.00E+00	0.00E+00	5.94E-01	1.07E-03	9.59E-01	1.73E-03
Massachusetts	Franklin County	25011	U	Lead Compounds	0.00E+00	0.00E+00	2.54E-02	3.50E-05	0.00E+00	0.00E+00	4.71E-01	6.48E-04	4.96E-01	6.83E-04
Massachusetts	Hampden County	25013	U	Lead Compounds	3.28E-02	5.11E-05	1.27E-01	1.98E-04	0.00E+00	0.00E+00	4.92E-01	7.66E-04	6.52E-01	1.02E-03
Massachusetts	Hampshire County	25015	U	Lead Compounds	0.00E+00	0.00E+00	6.17E-02	1.15E-04	0.00E+00	0.00E+00	2.41E-01	4.49E-04	3.03E-01	5.64E-04
Massachusetts	Middlesex County	25017	U	Lead Compounds	6.65E-03	7.82E-06	4.50E-01	5.30E-04	0.00E+00	0.00E+00	2.23E-01	2.63E-04	6.80E-01	8.00E-04
Massachusetts	Norfolk County	25021	U	Lead Compounds	0.00E+00	0.00E+00	1.73E-01	4.20E-04	0.00E+00	0.00E+00	7.92E-01	1.92E-03	9.64E-01	2.34E-03
Massachusetts	Plymouth County	25023	U	Lead Compounds	6.47E-02	9.03E-05	2.83E-01	3.95E-04	0.00E+00	0.00E+00	1.28E+00	1.79E-03	1.63E+00	2.28E-03
Massachusetts	Suffolk County	25025	U	Lead Compounds	0.00E+00	0.00E+00	1.83E-01	2.66E-03	0.00E+00	0.00E+00	5.14E-01	7.49E-03	6.97E-01	1.01E-02
Massachusetts	Worcester County	25027	U	Lead Compounds	5.32E-01	3.38E-04	9.81E-01	6.24E-04	0.00E+00	0.00E+00	1.77E+00	1.13E-03	3.29E+00	2.09E-03
Massachusetts	All Urban Counties	N/A	U	Manganese Compounds	8.63E-01	1.30E-04	5.28E-01	7.93E-05	8.33E-02	1.25E-05	2.39E-02	3.59E-06	1.50E+00	2.25E-04
Massachusetts	Bristol County	25005	U	Manganese Compounds	4.55E-01	7.89E-04	3.47E-02	6.03E-05	7.43E-03	1.29E-05	1.73E-03	3.01E-06	4.98E-01	8.65E-04
Massachusetts	Essex County	25009	U	Manganese Compounds	3.60E-01	6.49E-04	5.23E-02	9.42E-05	1.01E-02	1.82E-05	1.61E-03	2.90E-06	4.24E-01	7.64E-04
Massachusetts	Franklin County	25011	U	Manganese Compounds	0.00E+00	0.00E+00	4.54E-03	6.24E-06	2.20E-03	3.03E-06	1.60E-04	2.19E-07	6.90E-03	9.49E-06
Massachusetts	Hampden County	25013	U	Manganese Compounds	1.30E-02	2.03E-05	3.20E-02	4.98E-05	6.64E-03	1.03E-05	5.92E-04	9.22E-07	5.22E-02	8.13E-05
Massachusetts	Hampshire County	25015	U	Manganese Compounds	0.00E+00	0.00E+00	1.15E-02	2.14E-05	2.81E-03	5.23E-06	2.39E-04	4.45E-07	1.46E-02	2.71E-05
Massachusetts	Middlesex County	25017	U	Manganese Compounds	7.92E-03	9.32E-06	1.15E-01	1.36E-04	1.96E-02	2.31E-05	2.66E-03	3.13E-06	1.45E-01	1.71E-04
Massachusetts	Norfolk County	25021	U	Manganese Compounds	0.00E+00	0.00E+00	5.65E-02	1.37E-04	1.10E-02	2.66E-05	1.13E-03	2.74E-06	6.86E-02	1.67E-04
Massachusetts	Plymouth County	25023	U	Manganese Compounds	1.49E-02	2.09E-05	3.57E-02	4.98E-05	6.14E-03	8.57E-06	9.69E-04	1.35E-06	5.78E-02	8.06E-05
Massachusetts	Suffolk County	25025	U	Manganese Compounds	0.00E+00	0.00E+00	5.32E-02	7.75E-04	4.77E-03	6.93E-05	1.36E-02	1.97E-04	7.16E-02	1.04E-03
Massachusetts	Worcester County	25027	U	Manganese Compounds	1.24E-02	7.89E-06	1.32E-01	8.38E-05	1.26E-02	8.03E-06	1.25E-03	7.93E-07	1.58E-01	1.01E-04
Massachusetts	All Urban Counties	N/A	U	Mercury Compounds	3.12E-01	4.69E-05	2.47E-01	3.72E-05	3.51E-01	5.27E-05	1.36E-01	2.05E-05	1.05E+00	1.57E-04
Massachusetts	Bristol County	25005	U	Mercury Compounds	3.63E-04	6.30E-07	1.99E-02	3.45E-05	3.12E-02	5.42E-05	5.37E-03	9.32E-06	5.69E-02	9.87E-05
Massachusetts	Essex County	25009	U	Mercury Compounds	6.21E-02	1.12E-04	2.68E-02	4.83E-05	4.26E-02	7.68E-05	7.28E-03	1.31E-05	1.39E-01	2.50E-04
Massachusetts	Franklin County	25011	U	Mercury Compounds	0.00E+00	0.00E+00	2.56E-03	3.52E-06	9.36E-03	1.29E-05	9.26E-04	1.27E-06	1.28E-02	1.77E-05
Massachusetts	Hampden County	25013	U	Mercury Compounds	1.21E-01	1.88E-04	1.79E-02	2.79E-05	2.80E-02	4.35E-05	3.93E-03	6.13E-06	1.70E-01	2.66E-04
Massachusetts	Hampshire County	25015	U	Mercury Compounds	1.82E-04	3.40E-07	5.67E-03	1.06E-05	1.19E-02	2.21E-05	1.65E-03	3.07E-06	1.94E-02	3.61E-05
Massachusetts	Middlesex County	25017	U	Mercury Compounds	1.33E-03	1.56E-06	8.10E-02	9.52E-05	8.25E-02	9.71E-05	1.85E-02	2.18E-05	1.83E-01	2.16E-04
Massachusetts	Norfolk County	25021	U	Mercury Compounds	2.68E-04	6.52E-07	2.48E-02	6.02E-05	4.61E-02	1.12E-04	7.40E-03	1.80E-05	7.86E-02	1.91E-04
Massachusetts	Plymouth County	25023	U	Mercury Compounds	9.57E-02	1.34E-04	1.81E-02	2.53E-05	2.59E-02	3.61E-05	4.47E-03	6.24E-06	1.44E-01	2.01E-04
Massachusetts	Suffolk County	25025	U	Mercury Compounds	0.00E+00	0.00E+00	2.39E-02	3.47E-04	2.00E-02	2.91E-04	7.78E-02	1.13E-03	1.22E-01	1.77E-03
Massachusetts	Worcester County	25027	U	Mercury Compounds	3.12E-02	1.99E-05	2.68E-02	1.71E-05	5.30E-02	3.37E-05	9.07E-03	5.77E-06	1.20E-01	7.64E-05
Massachusetts	All Urban Counties	N/A	U	Methylene Chloride	1.23E+02	1.85E-02	9.50E+02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+03	1.61E-01
Massachusetts	Bristol County	25005	U	Methylene Chloride	4.67E+00	8.10E-03	8.08E+01	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+01	1.48E-01
Massachusetts	Essex County	25009	U	Methylene Chloride	5.44E+01	9.80E-02	1.28E+02	2.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02	3.29E-01
Massachusetts	Franklin County	25011	U	Methylene Chloride	0.00E+00	0.00E+00	1.04E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+01	1.43E-02
Massachusetts	Hampden County	25013	U	Methylene Chloride	5.74E+00	8.94E-03	7.48E+01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+01	1.25E-01
Massachusetts	Hampshire County	25015	U	Methylene Chloride	3.78E+00	7.05E-03	2.23E+01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+01	4.86E-02
Massachusetts	Middlesex County	25017	U	Methylene Chloride	3.28E+01	3.86E-02	2.33E+02	2.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+02	3.13E-01
Massachusetts	Norfolk County	25021	U	Methylene Chloride	5.56E+00	1.35E-02	9.73E+01	2.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02	2.50E-01
Massachusetts	Plymouth County	25023	U	Methylene Chloride	8.31E-01	1.16E-03	7.14E+01	9.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+01	1.01E-01
Massachusetts	Suffolk County	25025	U	Methylene Chloride	0.00E+00	0.00E+00	8.94E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E+01	1.30E+00
Massachusetts	Worcester County	25027	U	Methylene Chloride	1.50E+01	9.55E-03	1.42E+02	9.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+02	9.99E-02
Massachusetts	All Urban Counties	N/A	U	Nickel Compounds	4.96E+00	7.45E-04	2.52E+00	3.79E-04	1.84E-01	2.77E-05	2.22E-01	3.33E-05	7.88E+00	1.18E-03
Massachusetts	Bristol County	25005	U	Nickel Compounds	5.60E-01	9.72E-04	1.80E-01	3.13E-04	1.64E-02	2.84E-05	2.19E-02	3.81E-05	7.78E-01	1.35E-03
Massachusetts	Essex County	25009	U	Nickel Compounds	1.49E+00	2.69E-03	1.56E-01	2.80E-04	2.24E-02	4.04E-05	1.26E-02	2.27E-05	1.68E+00	3.03E-03
Massachusetts	Franklin County	25011	U	Nickel Compounds	0.00E+00	0.00E+00	2.16E-02	2.97E-05	4.90E-03	6.74E-06	2.97E-04	4.09E-07	2.68E-02	3.69E-05
Massachusetts	Hampden County	25013	U	Nickel Compounds	1.56E-02	2.44E-05	4.17E-01	6.49E-04	1.47E-02	2.29E-05	1.12E-03	1.75E-06	4.48E-01	6.98E-04
Massachusetts	Hampshire County	25015	U	Nickel Compounds	0.00E+00	0.00E+00	2.04E-02	3.81E-05	6.22E-03	1.16E-05	4.49E-04	8.38E-07	2.71E-02	5.05E-05
Massachusetts	Middlesex County	25017	U	Nickel Compounds	2.87E+00	3.38E-03	2.16E-01	2.54E-04	4.34E-02	5.10E-05	5.05E-03	5.94E-06	3.14E+00	3.69E-03
Massachusetts	Norfolk County	25021	U	Nickel Compounds	0.00E+00	0.00E+00	1.89E-01	4.59E-04	2.42E-02	5.88E-05	2.33E-03	5.65E-06	2.16E-01	5.24E-04
Massachusetts	Plymouth County	25023	U	Nickel Compounds	5.85E-03	8.16E-06	1.34E-01	1.87E-04	1.36E-02	1.90E-05	2.40E-03	3.34E-06	1.56E-01	2.17E-04
Massachusetts	Suffolk County	25025	U	Nickel Compounds	0.00E+00	0.00E+00	3.04E-01	4.42E-03	1.05E-02	1.53E-04	1.73E-01	2.52E-03	4.88E-01	7.09E-03
Massachusetts	Worcester County	25027	U	Nickel Compounds	1.03E-02	6.57E-06	8.84E-01	5.62E-04	2.79E-02	1.77E-05	2.25E-03	1.43E-06	9.24E-01	5.88E-04
Massachusetts	All Urban Counties	N/A	U	Perchloroethylene	3.14E+01	4.72E-03	3.71E+02	5.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02	6.04E-02

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Bristol County	25005	U	Perchloroethylene	2.36E+00	4.09E-03	1.19E+01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+01	2.47E-02
Massachusetts	Essex County	25009	U	Perchloroethylene	2.51E+00	4.52E-03	5.34E+01	9.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+01	1.01E-01
Massachusetts	Franklin County	25011	U	Perchloroethylene	0.00E+00	0.00E+00	2.39E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00	3.29E-03
Massachusetts	Hampden County	25013	U	Perchloroethylene	2.92E+00	4.55E-03	3.29E+01	5.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+01	5.57E-02
Massachusetts	Hampshire County	25015	U	Perchloroethylene	1.93E+00	3.59E-03	5.52E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+00	1.39E-02
Massachusetts	Middlesex County	25017	U	Perchloroethylene	1.08E+01	1.27E-02	1.09E+02	1.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+02	1.41E-01
Massachusetts	Norfolk County	25021	U	Perchloroethylene	2.83E+00	6.88E-03	5.33E+01	1.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+01	1.36E-01
Massachusetts	Plymouth County	25023	U	Perchloroethylene	4.23E-01	5.91E-04	2.53E+01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+01	3.58E-02
Massachusetts	Suffolk County	25025	U	Perchloroethylene	0.00E+00	0.00E+00	4.00E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+01	5.82E-01
Massachusetts	Worcester County	25027	U	Perchloroethylene	7.64E+00	4.86E-03	3.72E+01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E+01	2.85E-02
Massachusetts	All Urban Counties	N/A	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	2.38E-01	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01	3.58E-05
Massachusetts	Bristol County	25005	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Essex County	25009	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Franklin County	25011	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	2.32E-02	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02	3.20E-05
Massachusetts	Hampden County	25013	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	2.40E-02	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-02	4.48E-05
Massachusetts	Middlesex County	25017	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Plymouth County	25023	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	8.91E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02	1.24E-04
Massachusetts	Suffolk County	25025	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00								
Massachusetts	Worcester County	25027	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	1.02E-01	6.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	6.50E-05
Massachusetts	All Urban Counties	N/A	U	Polycyclic Organic Matter	9.80E+00	1.47E-03	2.48E+02	3.72E-02	7.52E+01	1.13E-02	2.21E+01	3.32E-03	3.55E+02	5.33E-02
Massachusetts	Bristol County	25005	U	Polycyclic Organic Matter	5.47E-03	9.50E-06	1.94E+01	3.36E-02	6.70E+00	1.16E-02	1.10E+00	1.90E-03	2.72E+01	4.71E-02
Massachusetts	Essex County	25009	U	Polycyclic Organic Matter	1.15E+00	2.08E-03	2.36E+01	4.24E-02	9.11E+00	1.64E-02	1.66E+00	2.98E-03	3.55E+01	6.39E-02
Massachusetts	Franklin County	25011	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.60E+00	4.96E-03	1.97E+00	2.71E-03	2.85E-01	3.93E-04	5.86E+00	8.06E-03
Massachusetts	Hampden County	25013	U	Polycyclic Organic Matter	4.81E-04	7.50E-07	1.50E+01	2.34E-02	6.10E+00	9.50E-03	9.02E-01	1.40E-03	2.21E+01	3.43E-02
Massachusetts	Hampshire County	25015	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.86E+00	1.47E-02	2.60E+00	4.84E-03	3.74E-01	6.97E-04	1.08E+01	2.02E-02
Massachusetts	Middlesex County	25017	U	Polycyclic Organic Matter	3.95E-03	4.64E-06	6.35E+01	7.47E-02	1.77E+01	2.08E-02	3.23E+00	3.80E-03	8.45E+01	9.93E-02
Massachusetts	Norfolk County	25021	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.19E+01	7.76E-02	9.88E+00	2.40E-02	1.67E+00	4.06E-03	4.35E+01	1.06E-01
Massachusetts	Plymouth County	25023	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	2.65E+01	3.70E-02	5.57E+00	7.77E-03	1.64E+00	2.29E-03	3.37E+01	4.70E-02
Massachusetts	Suffolk County	25025	U	Polycyclic Organic Matter	8.63E+00	1.26E-01	1.80E+01	2.62E-01	4.34E+00	6.31E-02	9.32E+00	1.36E-01	4.03E+01	5.86E-01
Massachusetts	Worcester County	25027	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.84E+01	2.44E-02	1.12E+01	7.14E-03	1.93E+00	1.23E-03	5.15E+01	3.28E-02
Massachusetts	All Urban Counties	N/A	U	7-PAH	4.08E-03	6.13E-07	6.83E+00	1.03E-03	5.41E-01	8.12E-05	2.53E-01	3.80E-05	7.63E+00	1.15E-03
Massachusetts	Bristol County	25005	U	7-PAH	8.44E-05	1.46E-07	2.61E-01	4.53E-04	4.80E-02	8.33E-05	1.94E-02	3.37E-05	3.29E-01	5.70E-04
Massachusetts	Essex County	25009	U	7-PAH	7.51E-05	1.35E-07	3.16E-01	5.69E-04	6.55E-02	1.18E-04	3.23E-02	5.82E-05	4.14E-01	7.46E-04
Massachusetts	Franklin County	25011	U	7-PAH	0.00E+00	0.00E+00	2.46E-01	3.38E-04	1.44E-02	1.98E-05	7.17E-03	9.86E-06	2.67E-01	3.68E-04
Massachusetts	Hampden County	25013	U	7-PAH	6.27E-04	9.76E-07	2.74E-01	4.27E-04	4.38E-02	6.82E-05	1.03E-02	1.60E-05	3.29E-01	5.12E-04
Massachusetts	Hampshire County	25015	U	7-PAH	0.00E+00	0.00E+00	3.62E-01	6.74E-04	1.85E-02	3.44E-05	4.69E-03	8.75E-06	3.85E-01	7.17E-04
Massachusetts	Middlesex County	25017	U	7-PAH	3.15E-05	3.70E-08	1.66E+00	1.95E-03	1.27E-01	1.50E-04	3.73E-02	4.39E-05	1.82E+00	2.14E-03
Massachusetts	Norfolk County	25021	U	7-PAH	0.00E+00	0.00E+00	8.94E-01	2.17E-03	7.09E-02	1.72E-04	1.90E-02	4.61E-05	9.84E-01	2.39E-03
Massachusetts	Plymouth County	25023	U	7-PAH	3.22E-03	4.50E-06	1.19E+00	1.66E-03	4.00E-02	5.58E-05	3.51E-02	4.90E-05	1.27E+00	1.77E-03
Massachusetts	Suffolk County	25025	U	7-PAH	0.00E+00	0.00E+00	7.49E-02	1.09E-03	3.10E-02	4.51E-04	6.63E-02	9.65E-04	1.72E-01	2.51E-03
Massachusetts	Worcester County	25027	U	7-PAH	3.79E-05	2.41E-08	1.56E+00	9.90E-04	8.14E-02	5.18E-05	2.16E-02	1.37E-05	1.66E+00	1.06E-03
Massachusetts	All Urban Counties	N/A	U	Propylene Dichloride	1.03E+00	1.55E-04	5.44E-01	8.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00	2.37E-04
Massachusetts	Bristol County	25005	U	Propylene Dichloride	7.72E-02	1.34E-04	6.22E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	2.42E-04
Massachusetts	Essex County	25009	U	Propylene Dichloride	8.24E-02	1.48E-04	5.61E-02	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	2.49E-04
Massachusetts	Franklin County	25011	U	Propylene Dichloride	0.00E+00	0.00E+00	1.63E-02	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	2.24E-05
Massachusetts	Hampden County	25013	U	Propylene Dichloride	9.59E-02	1.49E-04	4.89E-02	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01	2.26E-04
Massachusetts	Hampshire County	25015	U	Propylene Dichloride	6.33E-02	1.18E-04	2.81E-02	5.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02	1.70E-04
Massachusetts	Middlesex County	25017	U	Propylene Dichloride	3.56E-01	4.18E-04	4.58E-02	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-01	4.72E-04
Massachusetts	Norfolk County	25021	U	Propylene Dichloride	9.32E-02	2.26E-04	4.21E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-01	3.29E-04
Massachusetts	Plymouth County	25023	U	Propylene Dichloride	1.39E-02	1.94E-05	7.78E-02	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02	1.28E-04
Massachusetts	Suffolk County	25025	U	Propylene Dichloride	0.00E+00	0.00E+00	7.22E-03	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	1.05E-04
Massachusetts	Worcester County	25027	U	Propylene Dichloride	2.51E-01	1.60E-04	1.59E-01	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-01	2.61E-04

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	All Urban Counties	N/A	U	Quinoline	0.00E+00	0.00E+00	1.48E-03	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	2.22E-07
Massachusetts	Bristol County	25005	U	Quinoline	0.00E+00	0.00E+00	3.50E-04	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	6.07E-07
Massachusetts	Essex County	25009	U	Quinoline	0.00E+00	0.00E+00	4.39E-04	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	7.91E-07
Massachusetts	Franklin County	25011	U	Quinoline	0.00E+00	0.00E+00	1.82E-06	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	2.50E-09
Massachusetts	Hampden County	25013	U	Quinoline	0.00E+00	0.00E+00								
Massachusetts	Hampshire County	25015	U	Quinoline	0.00E+00	0.00E+00	1.62E-04	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	3.02E-07
Massachusetts	Middlesex County	25017	U	Quinoline	0.00E+00	0.00E+00								
Massachusetts	Norfolk County	25021	U	Quinoline	0.00E+00	0.00E+00	2.35E-04	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	5.71E-07
Massachusetts	Plymouth County	25023	U	Quinoline	0.00E+00	0.00E+00	4.09E-05	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-05	5.71E-08
Massachusetts	Suffolk County	25025	U	Quinoline	0.00E+00	0.00E+00	8.34E-05	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05	1.21E-06
Massachusetts	Worcester County	25027	U	Quinoline	0.00E+00	0.00E+00	1.65E-04	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	1.05E-07
Massachusetts	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	9.46E+00	1.42E-03	4.70E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+01	2.13E-03
Massachusetts	Bristol County	25005	U	1,1,2,2-Tetrachloroethane	7.07E-01	1.23E-03	5.27E-01	9.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00	2.14E-03
Massachusetts	Essex County	25009	U	1,1,2,2-Tetrachloroethane	7.55E-01	1.36E-03	4.59E-01	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00	2.19E-03
Massachusetts	Franklin County	25011	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.47E-01	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01	2.02E-04
Massachusetts	Hampden County	25013	U	1,1,2,2-Tetrachloroethane	8.79E-01	1.37E-03	4.36E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00	2.05E-03
Massachusetts	Hampshire County	25015	U	1,1,2,2-Tetrachloroethane	5.80E-01	1.08E-03	2.40E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-01	1.53E-03
Massachusetts	Middlesex County	25017	U	1,1,2,2-Tetrachloroethane	3.26E+00	3.83E-03	3.81E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+00	4.28E-03
Massachusetts	Norfolk County	25021	U	1,1,2,2-Tetrachloroethane	8.53E-01	2.07E-03	3.49E-01	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00	2.92E-03
Massachusetts	Plymouth County	25023	U	1,1,2,2-Tetrachloroethane	1.28E-01	1.78E-04	6.97E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01	1.15E-03
Massachusetts	Suffolk County	25025	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.19E-02	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02	6.10E-04
Massachusetts	Worcester County	25027	U	1,1,2,2-Tetrachloroethane	2.30E+00	1.46E-03	1.43E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00	2.37E-03
Massachusetts	All Urban Counties	N/A	U	Trichloroethylene	1.71E+02	2.58E-02	1.96E+02	2.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+02	5.52E-02
Massachusetts	Bristol County	25005	U	Trichloroethylene	1.01E+02	1.75E-01	1.56E+01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+02	2.02E-01
Massachusetts	Essex County	25009	U	Trichloroethylene	1.50E+00	2.70E-03	2.11E+01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+01	4.06E-02
Massachusetts	Franklin County	25011	U	Trichloroethylene	0.00E+00	0.00E+00	3.88E+00	5.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+00	5.34E-03
Massachusetts	Hampden County	25013	U	Trichloroethylene	1.42E+01	2.22E-02	1.57E+01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01	4.67E-02
Massachusetts	Hampshire County	25015	U	Trichloroethylene	1.15E+00	2.15E-03	2.64E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00	7.07E-03
Massachusetts	Middlesex County	25017	U	Trichloroethylene	2.30E+01	2.70E-02	5.79E+01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E+01	9.52E-02
Massachusetts	Norfolk County	25021	U	Trichloroethylene	1.70E+00	4.12E-03	1.53E+01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00	4.13E-02
Massachusetts	Plymouth County	25023	U	Trichloroethylene	1.24E+01	1.73E-02	7.94E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	2.83E-02
Massachusetts	Suffolk County	25025	U	Trichloroethylene	0.00E+00	0.00E+00	2.47E+01	3.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+01	3.60E-01
Massachusetts	Worcester County	25027	U	Trichloroethylene	1.69E+01	1.07E-02	3.11E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E+01	3.05E-02
Massachusetts	All Urban Counties	N/A	U	Vinyl Chloride	2.33E+01	3.50E-03	1.16E+01	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+01	5.25E-03
Massachusetts	Bristol County	25005	U	Vinyl Chloride	1.74E+00	3.02E-03	1.31E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+00	5.29E-03
Massachusetts	Essex County	25009	U	Vinyl Chloride	1.86E+00	3.35E-03	1.14E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00	5.40E-03
Massachusetts	Franklin County	25011	U	Vinyl Chloride	0.00E+00	0.00E+00	3.62E-01	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-01	4.98E-04
Massachusetts	Hampden County	25013	U	Vinyl Chloride	2.16E+00	3.37E-03	1.07E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E+00	5.04E-03
Massachusetts	Hampshire County	25015	U	Vinyl Chloride	1.43E+00	2.66E-03	5.95E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00	3.77E-03
Massachusetts	Middlesex County	25017	U	Vinyl Chloride	8.02E+00	9.43E-03	9.38E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E+00	1.05E-02
Massachusetts	Norfolk County	25021	U	Vinyl Chloride	2.10E+00	5.10E-03	8.67E-01	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00	7.21E-03
Massachusetts	Plymouth County	25023	U	Vinyl Chloride	3.14E-01	4.38E-04	1.72E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+00	2.83E-03
Massachusetts	Suffolk County	25025	U	Vinyl Chloride	0.00E+00	0.00E+00	1.06E-01	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01	1.54E-03
Massachusetts	Worcester County	25027	U	Vinyl Chloride	5.67E+00	3.61E-03	3.52E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E+00	5.84E-03
Massachusetts	All Rural Counties	N/A	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.68E+00	2.43E-03	3.96E+01	2.61E-02	2.82E+01	1.86E-02	7.14E+01	4.71E-02
Massachusetts	Barnstable County	25001	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	9.83E-01	2.28E-03	2.21E+01	5.14E-02	1.56E+01	3.63E-02	3.88E+01	9.00E-02
Massachusetts	Berkshire County	25003	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.41E+00	2.55E-03	1.64E+01	1.74E-02	6.03E+00	6.39E-03	2.48E+01	2.63E-02
Massachusetts	Dukes County	25007	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.99E-01	2.10E-03	6.75E-01	7.13E-03	3.43E+00	3.62E-02	4.30E+00	4.55E-02
Massachusetts	Nantucket County	25019	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	9.76E-02	2.07E-03	3.50E-01	7.42E-03	3.10E+00	6.57E-02	3.54E+00	7.52E-02
Massachusetts	All Rural Counties	N/A	R	Acrolein - Primary	0.00E+00	0.00E+00	5.46E+00	3.60E-03	5.97E+00	3.94E-03	4.04E+00	2.67E-03	1.55E+01	1.02E-02
Massachusetts	Barnstable County	25001	R	Acrolein - Primary	0.00E+00	0.00E+00	2.00E+00	4.64E-03	3.40E+00	7.90E-03	2.16E+00	5.02E-03	7.57E+00	1.76E-02
Massachusetts	Berkshire County	25003	R	Acrolein - Primary	0.00E+00	0.00E+00	3.05E+00	3.23E-03	2.42E+00	2.57E-03	7.52E-01	7.97E-04	6.22E+00	6.59E-03
Massachusetts	Dukes County	25007	R	Acrolein - Primary	0.00E+00	0.00E+00	2.72E-01	2.88E-03	9.72E-02	1.03E-03	5.59E-01	5.90E-03	9.29E-01	9.81E-03
Massachusetts	Nantucket County	25019	R	Acrolein - Primary	0.00E+00	0.00E+00	1.40E-01	2.96E-03	5.13E-02	1.09E-03	5.69E-01	1.21E-02	7.60E-01	1.61E-02

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	All Rural Counties	N/A	R	Acrylonitrile	3.15E-01	2.08E-04	1.83E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00	1.42E-03
Massachusetts	Barnstable County	25001	R	Acrylonitrile	0.00E+00	0.00E+00	7.12E-01	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-01	1.65E-03
Massachusetts	Berkshire County	25003	R	Acrylonitrile	3.15E-01	3.34E-04	9.76E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00	1.37E-03
Massachusetts	Dukes County	25007	R	Acrylonitrile	0.00E+00	0.00E+00	9.41E-02	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-02	9.94E-04
Massachusetts	Nantucket County	25019	R	Acrylonitrile	0.00E+00	0.00E+00	4.97E-02	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	1.06E-03
Massachusetts	All Rural Counties	N/A	R	Arsenic Compounds	1.31E-03	8.61E-07	2.38E-02	1.57E-05	2.91E-02	1.92E-05	1.03E-02	6.81E-06	6.46E-02	4.26E-05
Massachusetts	Barnstable County	25001	R	Arsenic Compounds	0.00E+00	0.00E+00	1.65E-02	3.84E-05	1.57E-02	3.64E-05	5.64E-03	1.31E-05	3.79E-02	8.79E-05
Massachusetts	Berkshire County	25003	R	Arsenic Compounds	1.31E-03	1.38E-06	6.32E-03	6.70E-06	1.34E-05	1.26E-02	2.63E-03	2.79E-06	2.29E-02	2.43E-05
Massachusetts	Dukes County	25007	R	Arsenic Compounds	0.00E+00	0.00E+00	6.04E-04	6.38E-06	5.60E-04	5.91E-06	1.12E-03	1.18E-05	2.28E-03	2.41E-05
Massachusetts	Nantucket County	25019	R	Arsenic Compounds	0.00E+00	0.00E+00	3.73E-04	7.92E-06	2.50E-04	5.31E-06	9.26E-04	1.97E-05	1.55E-03	3.29E-05
Massachusetts	All Rural Counties	N/A	R	Benzene	8.14E-01	5.37E-04	1.35E+02	8.93E-02	2.07E+02	1.37E-01	3.08E+02	2.03E-01	6.51E+02	4.29E-01
Massachusetts	Barnstable County	25001	R	Benzene	0.00E+00	0.00E+00	7.97E+01	1.85E-01	1.21E+02	2.80E-01	1.77E+02	4.12E-01	3.78E+02	8.77E-01
Massachusetts	Berkshire County	25003	R	Benzene	8.14E-01	8.63E-04	3.91E+01	4.14E-02	8.05E+01	8.53E-02	3.47E+01	3.67E-02	1.55E+02	1.64E-01
Massachusetts	Dukes County	25007	R	Benzene	0.00E+00	0.00E+00	1.01E+01	1.07E-01	3.86E+00	4.08E-02	5.63E+01	5.94E-01	7.02E+01	7.42E-01
Massachusetts	Nantucket County	25019	R	Benzene	0.00E+00	0.00E+00	6.46E+00	1.37E-01	1.96E+00	4.16E-02	3.95E+01	8.38E-01	4.79E+01	1.02E+00
Massachusetts	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Barnstable County	25001	R	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Berkshire County	25003	R	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Dukes County	25007	R	Benzidine	0.00E+00	0.00E+00								
Massachusetts	Nantucket County	25019	R	Benzidine	0.00E+00	0.00E+00								
Massachusetts	All Rural Counties	N/A	R	Beryllium Compounds	0.00E+00	0.00E+00	1.05E-02	6.96E-06	0.00E+00	0.00E+00	1.67E-04	1.10E-07	1.07E-02	7.07E-06
Massachusetts	Barnstable County	25001	R	Beryllium Compounds	0.00E+00	0.00E+00	6.08E-03	1.41E-05	0.00E+00	0.00E+00	1.85E-07	4.30E-10	6.08E-03	1.41E-05
Massachusetts	Berkshire County	25003	R	Beryllium Compounds	0.00E+00	0.00E+00	3.83E-03	4.06E-06	0.00E+00	0.00E+00	1.66E-04	1.76E-07	4.00E-03	4.24E-06
Massachusetts	Dukes County	25007	R	Beryllium Compounds	0.00E+00	0.00E+00	3.96E-04	4.19E-06	0.00E+00	0.00E+00	8.76E-08	9.25E-10	3.96E-04	4.19E-06
Massachusetts	Nantucket County	25019	R	Beryllium Compounds	0.00E+00	0.00E+00	2.39E-04	5.07E-06	0.00E+00	0.00E+00	8.76E-08	1.86E-09	2.39E-04	5.07E-06
Massachusetts	All Rural Counties	N/A	R	1,3-Butadiene	0.00E+00	0.00E+00	3.46E+00	2.28E-03	3.45E+01	2.28E-02	3.38E+01	2.23E-02	7.18E+01	4.73E-02
Massachusetts	Barnstable County	25001	R	1,3-Butadiene	0.00E+00	0.00E+00	8.88E-01	2.06E-03	1.91E+01	4.44E-02	2.00E+01	4.65E-02	4.00E+01	9.29E-02
Massachusetts	Berkshire County	25003	R	1,3-Butadiene	0.00E+00	0.00E+00	2.29E+00	2.43E-03	1.45E+01	1.53E-02	4.10E+00	4.35E-03	2.09E+01	2.21E-02
Massachusetts	Dukes County	25007	R	1,3-Butadiene	0.00E+00	0.00E+00	1.91E-01	2.02E-03	6.07E-01	6.41E-03	5.51E+00	5.82E-02	6.31E+00	6.66E-02
Massachusetts	Nantucket County	25019	R	1,3-Butadiene	0.00E+00	0.00E+00	8.97E-02	1.90E-03	3.10E-01	6.57E-03	4.19E+00	8.90E-02	4.59E+00	9.75E-02
Massachusetts	All Rural Counties	N/A	R	Cadmium Compounds	4.82E-02	3.18E-05	1.39E-02	9.19E-06	0.00E+00	0.00E+00	1.71E-04	1.13E-07	6.23E-02	4.11E-05
Massachusetts	Barnstable County	25001	R	Cadmium Compounds	0.00E+00	0.00E+00	8.91E-03	2.07E-05	0.00E+00	0.00E+00	2.59E-06	6.02E-09	8.91E-03	2.07E-05
Massachusetts	Berkshire County	25003	R	Cadmium Compounds	4.82E-02	5.11E-05	4.29E-03	4.54E-06	0.00E+00	0.00E+00	1.66E-04	1.76E-07	5.27E-02	5.58E-05
Massachusetts	Dukes County	25007	R	Cadmium Compounds	0.00E+00	0.00E+00	4.62E-04	4.88E-06	0.00E+00	0.00E+00	1.23E-06	1.30E-08	4.63E-04	4.89E-06
Massachusetts	Nantucket County	25019	R	Cadmium Compounds	0.00E+00	0.00E+00	2.77E-04	5.88E-06	0.00E+00	0.00E+00	1.23E-06	2.60E-08	2.78E-04	5.90E-06
Massachusetts	All Rural Counties	N/A	R	Carbon Disulfide	4.14E-02	2.73E-05	6.73E-01	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-01	4.71E-04
Massachusetts	Barnstable County	25001	R	Carbon Disulfide	0.00E+00	0.00E+00	3.44E-01	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-01	7.99E-04
Massachusetts	Berkshire County	25003	R	Carbon Disulfide	4.14E-02	4.39E-05	2.84E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-01	3.45E-04
Massachusetts	Dukes County	25007	R	Carbon Disulfide	0.00E+00	0.00E+00	2.83E-02	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-02	2.99E-04
Massachusetts	Nantucket County	25019	R	Carbon Disulfide	0.00E+00	0.00E+00	1.58E-02	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	3.36E-04
Massachusetts	All Rural Counties	N/A	R	Carbon Tetrachloride	5.78E-04	3.81E-07	1.16E-01	7.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	7.71E-05
Massachusetts	Barnstable County	25001	R	Carbon Tetrachloride	0.00E+00	0.00E+00	6.67E-02	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02	1.55E-04
Massachusetts	Berkshire County	25003	R	Carbon Tetrachloride	5.78E-04	6.12E-07	4.24E-02	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	4.56E-05
Massachusetts	Dukes County	25007	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.49E-03	4.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	4.74E-05
Massachusetts	Nantucket County	25019	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.61E-03	5.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	5.54E-05
Massachusetts	All Rural Counties	N/A	R	Chloroform	3.36E-03	2.22E-06	1.36E+01	8.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+01	8.97E-03
Massachusetts	Barnstable County	25001	R	Chloroform	0.00E+00	0.00E+00	7.19E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E+00	1.67E-02
Massachusetts	Berkshire County	25003	R	Chloroform	3.36E-03	3.56E-06	3.50E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00	3.71E-03
Massachusetts	Dukes County	25007	R	Chloroform	0.00E+00	0.00E+00	1.46E+00	1.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	1.55E-02
Massachusetts	Nantucket County	25019	R	Chloroform	0.00E+00	0.00E+00	1.45E+00	3.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00	3.08E-02
Massachusetts	All Rural Counties	N/A	R	Chromium Compounds: Total	4.10E-01	2.70E-04	2.15E-02	1.42E-05	2.11E-02	1.39E-05	3.87E-03	2.55E-06	4.56E-01	3.01E-04
Massachusetts	Barnstable County	25001	R	Chromium Compounds: Total	0.00E+00	0.00E+00	1.18E-02	2.73E-05	1.15E-02	2.66E-05	2.28E-03	5.30E-06	2.55E-02	5.92E-05
Massachusetts	Berkshire County	25003	R	Chromium Compounds: Total	4.10E-01	4.35E-04	8.98E-03	9.51E-06	9.07E-03	9.61E-06	4.39E-04	4.65E-07	4.28E-01	4.54E-04
Massachusetts	Dukes County	25007	R	Chromium Compounds: Total	0.00E+00	0.00E+00	4.43E-04	4.68E-06	4.05E-04	4.28E-06	6.72E-04	7.09E-06	1.52E-03	1.61E-05

DRAFT FOR REVIEW ONLY

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Nantucket County	25019	R	Chromium Compounds: Total	0.00E+00	0.00E+00	2.73E-04	5.79E-06	1.95E-04	4.14E-06	4.73E-04	1.00E-05	9.41E-04	2.00E-05
Massachusetts	All Rural Counties	N/A	R	Chromium Compounds: Hexavalent only	2.46E-02	1.62E-05	1.01E-02	6.64E-06	8.43E-03	5.56E-06	1.31E-03	8.67E-07	4.44E-02	2.93E-05
Massachusetts	Barnstable County	25001	R	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	3.68E-03	8.55E-06	4.57E-03	1.06E-05	7.76E-04	1.80E-06	9.03E-03	2.10E-05
Massachusetts	Berkshire County	25003	R	Chromium Compounds: Hexavalent only	2.46E-02	2.61E-05	6.11E-03	6.47E-06	3.63E-03	3.84E-06	1.49E-04	1.58E-07	3.45E-02	3.65E-05
Massachusetts	Dukes County	25007	R	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	1.69E-04	1.78E-06	1.55E-04	1.64E-06	2.28E-04	2.41E-06	5.52E-04	5.83E-06
Massachusetts	Nantucket County	25019	R	Chromium Compounds: Hexavalent only	0.00E+00	0.00E+00	1.06E-04	2.26E-06	8.00E-05	1.70E-06	1.61E-04	3.42E-06	3.47E-04	7.37E-06
Massachusetts	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Barnstable County	25001	R	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Berkshire County	25003	R	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Dukes County	25007	R	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	Nantucket County	25019	R	Coke Oven Emissions	0.00E+00	0.00E+00								
Massachusetts	All Rural Counties	N/A	R	1,4-Dichlorobenzene	2.90E-02	1.91E-05	1.45E+01	9.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	9.57E-03
Massachusetts	Barnstable County	25001	R	1,4-Dichlorobenzene	0.00E+00	0.00E+00	8.35E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E+00	1.94E-02
Massachusetts	Berkshire County	25003	R	1,4-Dichlorobenzene	2.90E-02	3.07E-05	5.24E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E+00	5.59E-03
Massachusetts	Dukes County	25007	R	1,4-Dichlorobenzene	0.00E+00	0.00E+00	5.57E-01	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-01	5.88E-03
Massachusetts	Nantucket County	25019	R	1,4-Dichlorobenzene	0.00E+00	0.00E+00	3.25E-01	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-01	6.89E-03
Massachusetts	All Rural Counties	N/A	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.94E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+01	1.94E-02
Massachusetts	Barnstable County	25001	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.70E+01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+01	3.95E-02
Massachusetts	Berkshire County	25003	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.06E+01	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+01	1.12E-02
Massachusetts	Dukes County	25007	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.12E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00	1.19E-02
Massachusetts	Nantucket County	25019	R	1,3-Dichloropropene	0.00E+00	0.00E+00	6.56E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-01	1.39E-02
Massachusetts	All Rural Counties	N/A	R	Ethylene Dibromide	1.76E-04	1.16E-07	1.01E-03	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	7.82E-07
Massachusetts	Barnstable County	25001	R	Ethylene Dibromide	0.00E+00	0.00E+00	3.90E-04	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	9.06E-07
Massachusetts	Berkshire County	25003	R	Ethylene Dibromide	1.76E-04	1.87E-07	5.40E-04	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	7.59E-07
Massachusetts	Dukes County	25007	R	Ethylene Dibromide	0.00E+00	0.00E+00	5.18E-05	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	5.47E-07
Massachusetts	Nantucket County	25019	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.73E-05	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	5.81E-07
Massachusetts	All Rural Counties	N/A	R	Ethylene Dichloride	3.81E-02	2.51E-05	2.23E-01	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-01	1.72E-04
Massachusetts	Barnstable County	25001	R	Ethylene Dichloride	0.00E+00	0.00E+00	8.73E-02	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-02	2.03E-04
Massachusetts	Berkshire County	25003	R	Ethylene Dichloride	3.81E-02	4.04E-05	1.17E-01	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01	1.64E-04
Massachusetts	Dukes County	25007	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.18E-02	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	1.25E-04
Massachusetts	Nantucket County	25019	R	Ethylene Dichloride	0.00E+00	0.00E+00	6.74E-03	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-03	1.43E-04
Massachusetts	All Rural Counties	N/A	R	Ethylene Oxide	0.00E+00	0.00E+00	5.22E-02	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	3.45E-05
Massachusetts	Barnstable County	25001	R	Ethylene Oxide	0.00E+00	0.00E+00	2.65E-02	6.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	6.14E-05
Massachusetts	Berkshire County	25003	R	Ethylene Oxide	0.00E+00	0.00E+00	2.17E-02	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	2.30E-05
Massachusetts	Dukes County	25007	R	Ethylene Oxide	0.00E+00	0.00E+00	2.21E-03	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	2.33E-05
Massachusetts	Nantucket County	25019	R	Ethylene Oxide	0.00E+00	0.00E+00	1.87E-03	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	3.96E-05
Massachusetts	All Rural Counties	N/A	R	Formaldehyde - Primary	9.57E-02	6.31E-05	3.24E+01	2.14E-02	1.38E+02	9.13E-02	7.07E+01	4.66E-02	2.42E+02	1.59E-01
Massachusetts	Barnstable County	25001	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.92E+00	1.61E-02	7.73E+01	1.79E-01	3.88E+01	9.00E-02	1.23E+02	2.85E-01
Massachusetts	Berkshire County	25003	R	Formaldehyde - Primary	9.57E-02	1.01E-04	2.35E+01	2.50E-02	5.76E+01	6.10E-02	1.66E+01	1.76E-02	9.78E+01	1.04E-01
Massachusetts	Dukes County	25007	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.29E+00	1.36E-02	2.36E+00	2.49E-02	7.69E+00	8.12E-02	1.13E+01	1.20E-01
Massachusetts	Nantucket County	25019	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.44E-01	1.37E-02	1.22E+00	2.59E-02	7.64E+00	1.62E-01	9.51E+00	2.02E-01
Massachusetts	All Rural Counties	N/A	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.65E-04	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	3.72E-07
Massachusetts	Barnstable County	25001	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.04E-04	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	7.06E-07
Massachusetts	Berkshire County	25003	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.93E-04	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	2.05E-07
Massachusetts	Dukes County	25007	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.26E-05	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	5.55E-07
Massachusetts	Nantucket County	25019	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.47E-05	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	3.13E-07
Massachusetts	All Rural Counties	N/A	R	Hexachlorobutadiene	0.00E+00	0.00E+00	6.73E-05	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	4.44E-08
Massachusetts	Barnstable County	25001	R	Hexachlorobutadiene	0.00E+00	0.00E+00	3.90E-05	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	9.05E-08
Massachusetts	Berkshire County	25003	R	Hexachlorobutadiene	0.00E+00	0.00E+00	2.42E-05	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	2.57E-08
Massachusetts	Dukes County	25007	R	Hexachlorobutadiene	0.00E+00	0.00E+00	2.58E-06	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-06	2.72E-08
Massachusetts	Nantucket County	25019	R	Hexachlorobutadiene	0.00E+00	0.00E+00	1.50E-06	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	3.19E-08
Massachusetts	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Barnstable County	25001	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Berkshire County	25003	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Dukes County	25007	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	Nantucket County	25019	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00								
Massachusetts	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	3.04E-06	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	2.01E-09
Massachusetts	Barnstable County	25001	R	Hydrazine	0.00E+00	0.00E+00	2.28E-06	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	5.30E-09
Massachusetts	Berkshire County	25003	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	8.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	8.07E-10
Massachusetts	Dukes County	25007	R	Hydrazine	0.00E+00	0.00E+00								
Massachusetts	Nantucket County	25019	R	Hydrazine	0.00E+00	0.00E+00								
Massachusetts	All Rural Counties	N/A	R	Lead Compounds	2.24E-01	1.48E-04	1.35E-01	8.91E-05	0.00E+00	0.00E+00	3.96E+00	2.61E-03	4.32E+00	2.85E-03
Massachusetts	Barnstable County	25001	R	Lead Compounds	0.00E+00	0.00E+00	6.44E-02	1.49E-04	0.00E+00	0.00E+00	2.70E+00	6.26E-03	2.76E+00	6.41E-03
Massachusetts	Berkshire County	25003	R	Lead Compounds	2.24E-01	2.38E-04	6.09E-02	6.45E-05	0.00E+00	0.00E+00	1.51E-01	1.60E-04	4.36E-01	4.62E-04
Massachusetts	Dukes County	25007	R	Lead Compounds	0.00E+00	0.00E+00	5.11E-03	5.40E-05	0.00E+00	0.00E+00	4.52E-01	4.78E-03	4.57E-01	4.83E-03
Massachusetts	Nantucket County	25019	R	Lead Compounds	0.00E+00	0.00E+00	4.70E-03	9.97E-05	0.00E+00	0.00E+00	6.61E-01	1.40E-02	6.66E-01	1.41E-02
Massachusetts	All Rural Counties	N/A	R	Manganese Compounds	1.31E-03	8.61E-07	4.81E-02	3.17E-05	7.17E-03	4.73E-06	1.75E-03	1.16E-06	5.83E-02	3.84E-05
Massachusetts	Barnstable County	25001	R	Manganese Compounds	0.00E+00	0.00E+00	3.46E-02	8.03E-05	3.90E-03	9.05E-06	9.98E-04	2.32E-06	3.95E-02	9.17E-05
Massachusetts	Berkshire County	25003	R	Manganese Compounds	1.31E-03	1.38E-06	1.13E-02	1.20E-05	3.09E-03	3.27E-06	3.02E-04	3.20E-07	1.60E-02	1.70E-05
Massachusetts	Dukes County	25007	R	Manganese Compounds	0.00E+00	0.00E+00	1.31E-03	1.38E-05	1.20E-04	1.27E-06	2.58E-04	2.72E-06	1.69E-03	1.78E-05
Massachusetts	Nantucket County	25019	R	Manganese Compounds	0.00E+00	0.00E+00	7.83E-04	1.66E-05	6.50E-05	1.38E-06	1.94E-04	4.12E-06	1.04E-03	2.21E-05
Massachusetts	All Rural Counties	N/A	R	Mercury Compounds	2.05E-01	1.35E-04	1.56E-02	1.03E-05	3.09E-02	2.04E-05	6.43E-03	4.24E-06	2.58E-01	1.70E-04
Massachusetts	Barnstable County	25001	R	Mercury Compounds	0.00E+00	0.00E+00	9.42E-03	2.19E-05	1.66E-02	3.84E-05	3.31E-03	7.68E-06	2.93E-02	6.80E-05
Massachusetts	Berkshire County	25003	R	Mercury Compounds	2.05E-01	2.17E-04	5.33E-03	5.65E-06	1.35E-02	1.43E-05	2.11E-03	2.24E-06	2.26E-01	2.39E-04
Massachusetts	Dukes County	25007	R	Mercury Compounds	0.00E+00	0.00E+00	5.22E-04	5.52E-06	5.70E-04	6.02E-06	5.23E-04	5.53E-06	1.62E-03	1.71E-05
Massachusetts	Nantucket County	25019	R	Mercury Compounds	0.00E+00	0.00E+00	3.13E-04	6.64E-06	2.80E-04	5.94E-06	4.85E-04	1.03E-05	1.08E-03	2.29E-05
Massachusetts	All Rural Counties	N/A	R	Methylene Chloride	1.14E+00	7.52E-04	5.47E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+01	3.68E-02
Massachusetts	Barnstable County	25001	R	Methylene Chloride	0.00E+00	0.00E+00	3.00E+01	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01	6.95E-02
Massachusetts	Berkshire County	25003	R	Methylene Chloride	1.14E+00	1.21E-03	2.14E+01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01	2.38E-02
Massachusetts	Dukes County	25007	R	Methylene Chloride	0.00E+00	0.00E+00	2.15E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00	2.27E-02
Massachusetts	Nantucket County	25019	R	Methylene Chloride	0.00E+00	0.00E+00	1.21E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00	2.57E-02
Massachusetts	All Rural Counties	N/A	R	Nickel Compounds	7.90E+00	5.21E-03	5.44E-01	3.59E-04	1.59E-02	1.05E-05	4.53E-03	2.99E-06	8.46E+00	5.58E-03
Massachusetts	Barnstable County	25001	R	Nickel Compounds	7.55E+00	1.75E-02	4.99E-01	1.16E-03	8.64E-03	2.01E-05	2.54E-03	5.89E-06	8.06E+00	1.87E-02
Massachusetts	Berkshire County	25003	R	Nickel Compounds	3.50E-01	3.71E-04	4.22E-02	4.47E-05	6.85E-03	7.25E-06	5.62E-04	5.95E-07	4.00E-01	4.24E-04
Massachusetts	Dukes County	25007	R	Nickel Compounds	0.00E+00	0.00E+00	1.34E-03	1.42E-05	2.95E-04	3.12E-06	7.87E-04	8.31E-06	2.42E-03	2.56E-05
Massachusetts	Nantucket County	25019	R	Nickel Compounds	0.00E+00	0.00E+00	7.95E-04	1.69E-05	1.35E-04	2.87E-06	6.47E-04	1.37E-05	1.58E-03	3.35E-05
Massachusetts	All Rural Counties	N/A	R	Perchloroethylene	5.81E-01	3.83E-04	4.01E+01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+01	2.68E-02
Massachusetts	Barnstable County	25001	R	Perchloroethylene	0.00E+00	0.00E+00	1.12E+01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	2.61E-02
Massachusetts	Berkshire County	25003	R	Perchloroethylene	5.81E-01	6.15E-04	1.39E+01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	1.53E-02
Massachusetts	Dukes County	25007	R	Perchloroethylene	0.00E+00	0.00E+00	1.40E+01	1.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+01	1.48E-01
Massachusetts	Nantucket County	25019	R	Perchloroethylene	0.00E+00	0.00E+00	9.61E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-01	2.04E-02
Massachusetts	All Rural Counties	N/A	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	7.28E-02	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-02	4.80E-05
Massachusetts	Barnstable County	25001	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	3.95E-02	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-02	9.17E-05
Massachusetts	Berkshire County	25003	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	2.46E-02	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	2.60E-05
Massachusetts	Dukes County	25007	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	6.80E-03	7.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	7.18E-05
Massachusetts	Nantucket County	25019	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	1.91E-03	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	4.05E-05
Massachusetts	All Rural Counties	N/A	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	2.93E+01	1.93E-02	6.55E+00	4.32E-03	5.77E+00	3.81E-03	4.16E+01	2.75E-02
Massachusetts	Barnstable County	25001	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.81E+01	4.20E-02	3.55E+00	8.24E-03	3.06E+00	7.10E-03	2.47E+01	5.73E-02
Massachusetts	Berkshire County	25003	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	8.55E+00	9.06E-03	2.82E+00	2.99E-03	4.24E-01	4.49E-04	1.18E+01	1.25E-02
Massachusetts	Dukes County	25007	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.69E+00	1.78E-02	1.21E-01	1.28E-03	7.09E-01	7.49E-03	2.52E+00	2.66E-02
Massachusetts	Nantucket County	25019	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	9.90E-01	2.10E-02	6.05E-02	1.28E-03	1.58E+00	3.35E-02	2.63E+00	5.58E-02
Massachusetts	All Rural Counties	N/A	R	7-PAH	1.31E-03	8.61E-07	1.53E+00	1.01E-03	4.71E-02	3.11E-05	1.11E-01	7.34E-05	1.69E+00	1.11E-03
Massachusetts	Barnstable County	25001	R	7-PAH	0.00E+00	0.00E+00	8.90E-01	2.07E-03	2.54E-02	5.89E-05	6.25E-02	1.45E-04	9.78E-01	2.27E-03
Massachusetts	Berkshire County	25003	R	7-PAH	1.31E-03	1.38E-06	4.81E-01	5.10E-04	2.06E-02	2.18E-05	6.90E-03	7.32E-06	5.10E-01	5.41E-04
Massachusetts	Dukes County	25007	R	7-PAH	0.00E+00	0.00E+00	1.06E-01	1.12E-03	7.70E-04	8.13E-06	2.15E-02	2.28E-04	1.29E-01	1.36E-03
Massachusetts	Nantucket County	25019	R	7-PAH	0.00E+00	0.00E+00	4.92E-02	1.04E-03	3.95E-04	8.38E-06	2.04E-02	4.34E-04	7.00E-02	1.49E-03
Massachusetts	All Rural Counties	N/A	R	Propylene Dichloride	1.91E-02	1.26E-05	1.10E-01	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	8.50E-05
Massachusetts	Barnstable County	25001	R	Propylene Dichloride	0.00E+00	0.00E+00	4.25E-02	9.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	9.86E-05

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)								
Massachusetts	Berkshire County	25003	R	Propylene Dichloride	1.91E-02	2.02E-05	5.87E-02	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-02	8.24E-05
Massachusetts	Dukes County	25007	R	Propylene Dichloride	0.00E+00	0.00E+00	5.65E-03	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	5.97E-05
Massachusetts	Nantucket County	25019	R	Propylene Dichloride	0.00E+00	0.00E+00	2.99E-03	6.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	6.34E-05
Massachusetts	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	7.27E-06	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-06	4.80E-09
Massachusetts	Barnstable County	25001	R	Quinoline	0.00E+00	0.00E+00	5.45E-06	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	1.27E-08
Massachusetts	Berkshire County	25003	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	1.93E-09
Massachusetts	Dukes County	25007	R	Quinoline	0.00E+00	0.00E+00								
Massachusetts	Nantucket County	25019	R	Quinoline	0.00E+00	0.00E+00								
Massachusetts	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.75E-01	1.15E-04	9.95E-01	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00	7.72E-04
Massachusetts	Barnstable County	25001	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.83E-01	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01	8.89E-04
Massachusetts	Berkshire County	25003	R	1,1,2,2-Tetrachloroethane	1.75E-01	1.85E-04	5.34E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-01	7.51E-04
Massachusetts	Dukes County	25007	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	5.14E-02	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02	5.43E-04
Massachusetts	Nantucket County	25019	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.71E-02	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02	5.76E-04
Massachusetts	All Rural Counties	N/A	R	Trichloroethylene	3.48E-01	2.29E-04	8.19E+00	5.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E+00	5.63E-03
Massachusetts	Barnstable County	25001	R	Trichloroethylene	0.00E+00	0.00E+00	3.84E+00	8.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+00	8.92E-03
Massachusetts	Berkshire County	25003	R	Trichloroethylene	3.48E-01	3.69E-04	3.76E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E+00	4.35E-03
Massachusetts	Dukes County	25007	R	Trichloroethylene	0.00E+00	0.00E+00	3.45E-01	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	3.64E-03
Massachusetts	Nantucket County	25019	R	Trichloroethylene	0.00E+00	0.00E+00	2.47E-01	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	5.25E-03
Massachusetts	All Rural Counties	N/A	R	Vinyl Chloride	4.31E-01	2.84E-04	2.45E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00	1.90E-03
Massachusetts	Barnstable County	25001	R	Vinyl Chloride	0.00E+00	0.00E+00	9.43E-01	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-01	2.19E-03
Massachusetts	Berkshire County	25003	R	Vinyl Chloride	4.31E-01	4.56E-04	1.31E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00	1.85E-03
Massachusetts	Dukes County	25007	R	Vinyl Chloride	0.00E+00	0.00E+00	1.27E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01	1.34E-03
Massachusetts	Nantucket County	25019	R	Vinyl Chloride	0.00E+00	0.00E+00	6.68E-02	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02	1.42E-03