Contribution of Source Categories in Massachusetts Counties To 1996 NATA Concentrations Of Toxics Predicted to Exceed MA Allowable Ambient Limit in More Than One County.

	Air Toxic	MA AAL (ug/m3)	NATA Average Modeled Concentration (ug/m3)	Percent of Average from Major Stationary Sources	Percent of Average from Area Sources	Percent of Average from Background	Percent of Average from Mobile Sources
Barnstable	1-3 butadiene	3.00E-03	4.11E-02	0%	4%	0%	96%
Barnstable	benzene	1.20E-01	1.01E+00	0%	2%	48%	51%
Barnstable	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Barnstable	chloroform	4.00E-02	8.40E-02	0%	1%	99%	0%
Barnstable	chromium	1.00E-04	1.55E-04	9%	60%	0%	30%
Barnstable	ethylene dichloride	4.00E-02	6.11E-02	0%	0%	100%	0%
Barnstable	formaldehyde	8.00E-02	7.04E-01	0%	3%	36%	61%
Barnstable	methylene chloride	2.40E-01	2.73E-01	0%	45%	55%	0%
Barnstable	perchloroethylene	2.00E-02	2.39E-01	0%	41%	59%	0%
Berkshire	1-3 butadiene	3.00E-03	2.41E-02	0%	13%	0%	87%
Berkshire	benzene	1.20E-01	8.20E-01	0%	4%	59%	37%
Berkshire	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Berkshire	chloroform	4.00E-02	8.62E-02	2%	1%	96%	0%
Berkshire	chromium	1.00E-04	2.41E-03	13%	85%	0%	1%
Berkshire	ethylene dichloride	4.00E-02	6.12E-02	0%	0%	100%	0%
Berkshire	formaldehyde	8.00E-02	5.62E-01	1%	11%	44%	44%
Berkshire	methylene chloride	2.40E-01	3.63E-01	3%	55%	41%	0%
Berkshire	perchloroethylene	2.00E-02	2.99E-01	0%	53%	47%	0%
Bristol	1-3 butadiene	3.00E-03	8.72E-02	0%	3%	0%	97%
Bristol	acetaldehyde	5.00E-01	6.87E-01	0%	5%	0%	95%
Bristol	arsenic	2.00E-04	5.70E-04	89%	10%	0%	1%
Bristol	benzene	1.20E-01	1.51E+00	0%	3%	32%	65%
Bristol	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Bristol	chloroform	4.00E-02	8.66E-02	0%	4%	96%	0%
Bristol	chromium	1.00E-04	4.52E-03	32%	64%	0%	4%
Bristol	ethylene dichloride	4.00E-02	6.12E-02	0%	0%	100%	0%
Bristol	formaldehyde	8.00E-02	1.27E+00	0%	4%	20%	76%
Bristol	methylene chloride	2.40E-01	6.62E-01	4%	73%	23%	0%
Bristol	perchloroethylene	2.00E-02	5.49E-01	6%	68%	26%	0%
Dukes	1-3 butadiene	3.00E-03	2.06E-02	0%	35%	0%	65%
Dukes	benzene	1.20E-01	7.56E-01	0%	7%	63%	29%
Dukes	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Dukes	chloroform	4.00E-02	8.34E-02	0%	1%	99%	0%
Dukes	chromium	1.00E-04	1.37E-04	1%	43%	0%	57%
Dukes	ethylene dichloride	4.00E-02	6.11E-02	0%	0%	100%	0%
Dukes	formaldehyde	8.00E-02	5.12E-01	0%	13%	49%	38%
Dukes	perchloroethylene	2.00E-02	1.87E-01	0%	25%	75%	0%
Essex	1-3 butadiene	3.00E-03	9.45E-02	0%	2%	0%	98%
Essex	acetaldehyde	5.00E-01	8.06E-01	0%	5%	0%	95%
Essex	arsenic	2.00E-04	9.04E-05	12%	83%	0%	4%

	Air Toxic	MA AAL (ug/m3)	NATA Average Modeled Concentration (ug/m3)	Percent of Average from Major Stationary Sources	Percent of Average from Area Sources	Percent of Average from Background	Percent of Average from Mobile Sources
Essex	benzene	1.20E-01	1.67E+00	0%	3%	29%	68%
Essex	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Essex	chloroform	4.00E-02	8.65E-02	0%	4%	96%	0%
Essex	chromium	1.00E-04	3.89E-03	0%	96%	0%	4%
Essex	ethylene dichloride	4.00E-02	6.11E-02	0%	0%	100%	0%
Essex	formaldehyde	8.00E-02	1.43E+00	0%	4%	18%	78%
Essex	methylene chloride	2.40E-01	9.28E-01	2%	82%	16%	0%
Essex	perchloroethylene	2.00E-02	5.98E-01	0%	77%	23%	0%
Franklin	1-3 butadiene	3.00E-03	1.15E-02	0%	18%	0%	82%
Franklin	benzene	1.20E-01	6.90E-01	0%	11%	70%	19%
Franklin	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Franklin	chloroform	4.00E-02	8.37E-02	0%	1%	99%	0%
Franklin	chromium	1.00E-04	3.60E-04	1%	49%	0%	50%
Franklin	ethylene dichloride	4.00E-02	6.11E-02	0%	0%	100%	0%
Franklin	formaldehyde	8.00E-02	5.35E-01	0%	9%	47%	44%
Franklin	methylene chloride	2.40E-01	3.28E-01	0%	54%	46%	0%
Franklin	perchloroethylene	2.00E-02	2.66E-01	1%	46%	53%	0%
Hampden	1-3 butadiene	3.00E-03	6.31E-02	0%	4%	0%	96%
Hampden	acetaldehyde	5.00E-01	8.53E-01	0%	6%	0%	94%
Hampden	arsenic	2.00E-04	7.61E-05	30%	69%	0%	1%
Hampden	benzene	1.20E-01	1.33E+00	0%	4%	36%	60%
Hampden	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Hampden	chloroform	4.00E-02	8.79E-02	0%	5%	94%	0%
Hampden	chromium	1.00E-04	3.97E-03	1%	94%	0%	5%
Hampden	ethylene dichloride	4.00E-02	6.15E-02	0%	1%	99%	0%
Hampden	formaldehyde	8.00E-02	1.41E+00	0%	6%	18%	76%
Hampden	methylene chloride	2.40E-01	6.17E-01	3%	73%	24%	0%
Hampden	perchloroethylene	2.00E-02	5.32E-01	10%	64%	26%	0%
Hampshire	1-3 butadiene	3.00E-03	2.69E-02	0%	11%	0%	89%
Hampshire	benzene	1.20E-01	8.88E-01	0%	6%	54%	40%
Hampshire	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Hampshire	chloroform	4.00E-02	8.58E-02	0%	3%	97%	0%
Hampshire	chromium	1.00E-04	6.82E-04	2%	84%	0%	14%
Hampshire	ethylene dichloride	4.00E-02	6.14E-02	0%	1%	99%	0%
Hampshire	formaldehyde	8.00E-02	8.74E-01	4%	6%	29%	61%
Hampshire	methylene chloride	2.40E-01	4.87E-01	1%	68%	31%	0%
Hampshire	perchloroethylene	2.00E-02	3.94E-01	4%	61%	36%	0%
Middlesex	1-3 butadiene	3.00E-03	9.87E-02	0%	1%	0%	99%
Middlesex	acetaldehyde	5.00E-01	9.28E-01	0%	5%	0%	95%
Middlesex	arsenic	2.00E-04	8.08E-05	6%	92%	0%	2%
Middlesex	benzene	1.20E-01	1.76E+00	0%	3%	27%	70%
Middlesex	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Middlesex	chloroform	4.00E-02	8.76E-02	0%	5%	95%	0%
Middlesex	chromium	1.00E-04	2.33E-03	1%	91%	0%	8%
Middlesex	ethylene dichloride	4.00E-02	6.12E-02	0%	0%	100%	0%
Middlesex	formaldehyde	8.00E-02	1.61E+00	0%	3%	16%	81%
Middlesex	methylene chloride	2.40E-01	8.30E-01	3%	79%	18%	0%
Middlesex	perchloroethylene	2.00E-02	6.30E-01	0%	78%	22%	0%

	Air Toxic	MA AAL (ug/m3)	NATA Average Modeled Concentration (ug/m3)	Percent of Average from Major Stationary Sources	Percent of Average from Area Sources	Percent of Average from Background	Percent of Average from Mobile Sources
Nantucket	1-3 butadiene	3.00E-03	5.72E-02	0%	68%	0%	32%
Nantucket	benzene	1.20E-01	9.06E-01	0%	13%	53%	34%
Nantucket	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Nantucket	chloroform	4.00E-02	8.33E-02	0%	0%	100%	0%
Nantucket	chromium	1.00E-04	1.26E-04	0%	6%	0%	94%
Nantucket	ethylene dichloride	4.00E-02	6.11E-02	0%	0%	100%	0%
Nantucket	formaldehyde	8.00E-02	7.10E-01	0%	40%	35%	25%
Nantucket	perchloroethylene	2.00E-02	1.83E-01	0%	24%	76%	0%
Norfolk	1-3 butadiene	3.00E-03	7.70E-02	0%	2%	0%	98%
Norfolk	acetaldehyde	5.00E-01	8.43E-01	0%	5%	0%	95%
Norfolk	arsenic	2.00E-04	7.67E-05	17%	79%	0%	5%
Norfolk	benzene	1.20E-01	1.57E+00	0%	3%	31%	66%
Norfolk	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Norfolk	chloroform	4.00E-02	9.03E-02	0%	8%	92%	0%
Norfolk	chromium	1.00E-04	2.11E-03	7%	85%	0%	8%
Norfolk	ethylene dichloride	4.00E-02	6.14E-02	0%	1%	99%	0%
Norfolk	formaldehyde	8.00E-02	1.47E+00	0%	3%	17%	80%
Norfolk	methylene chloride	2.40E-01	7.19E-01	2%	77%	21%	0%
Norfolk	perchloroethylene	2.00E-02	5.87E-01	1%	75%	24%	0%
Plymouth	1-3 butadiene	3.00E-03	4.49E-02	0%	3%	0%	97%
Plymouth	acetaldehyde	5.00E-01	5.96E-01	0%	6%	0%	94%
Plymouth	arsenic	2.00E-04	7.69E-05	49%	48%	0%	3%
Plymouth	benzene	1.20E-01	1.19E+00	0%	2%	40%	57%
Plymouth	carbon tetrachloride	7.00E-02	8.80E-01	0%	0%	100%	0%
Plymouth	chloroform	4.00E-02	8.56E-02	0%	3%	97%	0%
Plymouth	chromium	1.00E-04	8.83E-04	20%	68%	0%	12%
Plymouth	ethylene dichloride	4.00E-02	6.12E-02	0%	0%	100%	0%
Plymouth	formaldehyde	8.00E-02	1.04E+00	0%	4%	24%	72%
Plymouth	methylene chloride	2.40E-01	5.14E-01	1%	69%	29%	0%
Plymouth	perchloroethylene	2.00E-02	4.13E-01	1%	65%	34%	0%
Suffolk	1-3 butadiene	3.00E-03	1.80E-01	0%	0%	0%	100%
Suffolk	acetaldehyde	5.00E-01	1.40E+00	0%	5%	0%	95%
Suffolk	arsenic	2.00E-04	1.59E-04	5%	83%	0%	12%
Suffolk	benzene	1.20E-01	2.52E+00	0%	4%	19%	77%
Suffolk	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Suffolk	chloroform	4.00E-02	9.13E-02	0%	9%	91%	0%
Suffolk	chromium	1.00E-04	2.46E-03	4%	81%	0%	16%
Suffolk	ethylene dichloride	4.00E-02	6.12E-02	0%	0%	100%	0%
Suffolk	formaldehyde	8.00E-02	2.55E+00	0%	2%	10%	88%
Suffolk	methylene chloride	2.40E-01	1.13E+00	1%	86%	13%	0%
Suffolk	perchloroethylene	2.00E-02	8.84E-01	0%	84%	16%	0%
Worcester	1-3 butadiene	3.00E-03	3.50E-02	0%	2%	0%	98%
Worcester	benzene	1.20E-01	9.37E-01	0%	4%	51%	45%
Worcester	carbon tetrachloride	7.00E-02	8.81E-01	0%	0%	100%	0%
Worcester	chloroform	4.00E-02	8.92E-02	0%	7%	93%	0%
Worcester	chromium	1.00E-04	2.70E-03	0%	96%	0%	4%
Worcester	ethylene dichloride	4.00E-02	6.14E-02	0%	1%	99%	0%
Worcester	formaldehyde	8.00E-02	8.52E-01	1%	3%	29%	67%

	Air Toxic	MA AAL (ug/m3)	NATA Average Modeled Concentration (ug/m3)	Percent of Average from Major Stationary Sources	Percent of Average from Area Sources	Percent of Average from Background	Percent of Average from Mobile Sources
Worcester	methylene chloride	2.40E-01	4.84E-01	3%	66%	31%	0%
Worcester	perchloroethylene	2.00E-02	3.46E-01	1%	59%	40%	0%