Table 5. 2009 $PM_{2.5}$ non-attainment areas annual emission inventory (in tpy).

Area/County	Pollutant	NON EGU	AREA	NON ROAD	MAR	EGU	MOBILE	TOTAL
CANTON								
Starks	NOX	1023.78	1333.33	2162.67	349.78		6341.06	11210.62
	PM2.5	338.37	379.00	194.43	8.61		106.79	1027.20
	SO2	552.44	161.60	40.94	26.21		42.21	823.41
CINCINNATI-HAMILTON								
Butler	NOX	4358.95	811.41	1866.27	573.48	98.94	5464.43	13173.47
	PM2.5	988.14	182.83	149.46	18.17		101.26	1439.85
	SO2	6053.49	219.94	40.27	54.68		40.38	6408.75
Warren	NOX	1031.25	434.18	1426.71	61.25	56.06	4695.01	7704.46
	PM2.5	18.61	238.80	115.02	1.71	0.00	81.06	455.20
	SO2	3.39	137.67	32.14	5.54	0.00	32.29	211.03
Hamilton	NOX	2908.67	1966.20	3757.51	935.32	4872.72	15986.09	30426.52
	PM2.5	164.22	330.71	291.07	25.32		281.01	1092.34
	SO2	7932.46	161.25	73.93	66.03		112.05	8345.72
Clermont	NOX	69.48	621.37	980.16	167.73	14443.44	3760.59	20042.76
	PM2.5	7.59	196.97	84.93	3.82		69.52	362.82
	SO2	165.86	161.36	21.51	9.02		27.72	385.46
CLEVELAND-AKRON								
Lake	NOX	307.84	859.76	1560.32	664.07	10625.17	3935.01	17952.17
	PM2.5	33.52	138.97	112.16	21.08		73.69	379.43
	SO2	687.09	93.17	25.86	88.90		29.39	924.41
Cuyahoga	NOX	2649.09	5181.81	6561.23	2354.47	4509.55	18335.24	39591.40
	PM2.5	833.94	605.43	527.39	69.80		360.73	2397.29
	SO2	5222.42	291.82	116.13	242.76		144.07	6017.21
Lorain	NOX	758.56	996.47	2064.98	1069.66	6954.46	4128.86	15972.98
	PM2.5	451.43	405.40	169.45	33.23		85.38	1144.89
	SO2	564.48	49.32	39.26	140.44		34.07	827.57
Medina	NOX	45.50	585.60	1040.75	209.25		3982.13	5863.23
	PM2.5	106.01	268.71	97.57	6.41		75.11	553.82
	SO2	156.23	87.25	22.25	19.72		29.92	315.37
Summit	NOX	664.78	2064.17	2294.77	479.10		11037.52	16540.35
	PM2.5	35.91	282.54	193.05	16.37		199.69	727.57
	SO2	11097.13	171.77	44.85	44.82		79.59	11438.15
Portage	NOX	74.46	567.75	940.79	568.20		3853.05	6004.23
	PM2.5	27.47	254.11	98.72	15.99		67.97	464.26
	SO2	11.53	141.00	19.11	53.15		27.06	251.84
Ashtabula	NOX	295.64	319.44	902.04	1133.24	1815.49	2638.65	7104.51
	PM2.5	72.62	495.48	91.21	37.62		44.39	741.32
	SO2	20.89	107.23	16.62	177.07		17.55	339.35
COLUMBUS								
Delaware	NOX	12.89	464.65	1534.65	509.28		3956.89	6478.36
	PM2.5		158.84	134.64	14.55	0.02	64.77	372.83
	SO2	0.16	71.82	35.97	47.99	0.00	25.59	181.53
Fairfield	NOX	1193.78	337.13	975.54	59.56		2529.13	5095.14
	PM2.5	57.43	304.48	78.21	1.51		43.09	484.73
	SO2	194.13	72.28	22.50	4.90		17.01	310.80
Franklin	NOX	795.61	4004.46	5838.64	1127.02		25994.35	37760.08
	PM2.5	77.23	465.67	477.95	32.63		405.23	1458.71
	SO2	593.11	301.56	129.64	96.13		160.34	1280.78
Licking	NOX	1040.77	593.63	897.85	24.87		4345.35	6902.48
	PM2.5	633.14	508.93	77.75	0.52	0.54	67.61	1288.49
	SO2	449.70	86.29	19.39	1.56	0.00	26.71	583.65
Coshocton	NOX	559.76	156.83	213.86	113.33	3859.15	872.19	5775.13
	PM2.5	94.15	204.67	18.72	2.44		15.13	335.11
	SO2	11.47	30.63	4.02	7.13		5.97	59.22

2009 $PM_{2.5}$ non-attainment areas annual emission inventory (in tpy).

Area/County	Pollutant	NON EGU	AREA	NON ROAD	MAR	EGU	MOBILE	TOTAL
DAYTON-SPRINGFIELD								
Clark	NOX	54.47	562.25	646.69	178.37		3399.13	4840.90
	PM2.5	2.10	135.80	53.27	6.06		59.00	256.22
	SO2	13.46	77.54	12.68	15.31		23.45	142.45
Greene	NOX	2824.42	511.34	836.50	42.43		2692.91	6907.60
	PM2.5	108.19	136.68	74.44	1.21		50.45	370.97
	SO2	2180.22	85.90	18.94	3.89		20.13	2309.10
Montgomery	NOX	1499.08	1914.48	2430.08	596.66	3244.63	8635.73	18320.67
	PM2.5	113.77	449.12	189.16	15.78	0.00	161.17	929.01
	SO2	1924.02	202.51	47.79	56.33	0.00	64.33	2294.99
HUNTINGTON-ASHLAND								
Scioto	NOX	483.05	259.15	266.87	846.40		1738.66	3594.12
	PM2.5	84.94	321.46	31.61	21.76		29.76	489.52
	SO2	884.19	37.82	5.65	66.71		11.76	1006.14
Lawrence	NOX	92.65	237.05	134.57	501.75	98.40	1460.06	2524.48
	PM2.5	1.55	134.67	10.97	12.02	1199.22	24.67	1383.10
	SO2	0.32	29.81	2.94	34.33	31738.98	9.74	31816.12
Gallia	NOX		130.09	92.12	204.96	9385.96	1025.52	10838.65
	PM2.5		180.24	9.82	4.67		17.12	211.85
	SO2		16.67	1.72	11.26		6.76	36.42
Adams	NOX	1070.67	134.16	123.93	210.59	6400.55	711.72	8651.62
	PM2.5	11.10	288.01	12.50	4.59		12.31	328.51
	SO2	7.02	33.53	2.45	11.33		4.87	59.20
PARKERSBURG-MARIETTA								
Washington	NOX	1846.54	182.07	333.66	322.78	3125.90	1734.43	7545.38
	PM2.5	501.69	246.74	29.00	7.21	3176.20	28.85	3989.69
	SO2	5538.47	10.82	6.43	18.75	66503.25	11.39	72089.10
STEUBENVILLE-WEIRTON								
Jefferson	NOX	1875.24	254.14	199.42	205.97	14399.15	1568.78	18502.70
	PM2.5	475.19	110.76	21.10	4.86		26.93	638.85
	SO2	786.70	108.57	3.47	14.01		10.63	923.37
WHEELING								
Belmont	NOX	19.98	287.64	188.33	168.93	4173.94	2433.62	7272.45
	PM2.5	3.58	304.53	23.07	3.81	474.05	37.31	846.34
	SO2	0.11	91.81	3.51	9.87	4761.00	14.73	4881.04

Data source: Lake Michigan Air Directors Consortium (MRPO/LADCO). Emission Modeling and Inventories