

2009 Annual Emission Projections from Midwest RPO (TPY)

Non-EGU Point	Area Sources	Nonroad	Maritime/Air/Rail	EGU Point	Onroad	County	Summation without mobile	Summation with mobile	Tons Per Day
NOx									
1070.67099	134.162894	123.930114	210.5899951	6400.5459	672	Adams	7939.899926	8,611.52	23.59321
3324.02032	396.50794	650.267098	206.0168451		2,889	Allen	4576.812206	7,465.38	20.45308
33.610044	228.027366	786.3465645	172.5211276		1,926	Ashland	1220.505102	3,146.23	8.619797
295.644329	319.439853	902.0431939	1133.244782	1815.4868	2,596	Ashtabula	4465.858998	7,061.39	19.34628
737.222828	163.515607	187.5333345	52.47379623		1,264	Athens	1140.745566	2,404.48	6.587609
50.2364705	195.648995	477.5199316	89.96765922	1602.9306	1,403	Auglaize	2416.303682	3,819.23	10.46364
19.9808195	287.639327	188.327346	168.9347041	4173.944	2,366	Belmont	4838.826197	7,205.29	19.74051
1.60092532	179.733878	274.1359118	165.9308912		1,076	Brown	621.4016065	1,697.84	4.651612
4358.94814	811.409273	1866.271627	573.4784831	98.9351	4,914	Butler	7709.04262	12,623.17	34.58403
790.581929	101.962351	141.9864203	17.14091059		568	Carroll	1051.671611	1,619.90	4.438086
45.0166379	169.198482	379.8972314	30.55517915		837	Champaign	624.6675308	1,461.88	4.005161
54.4711542	562.247408	646.6869351	178.3654235		3,289	Clark	1441.770921	4,730.79	12.96107
69.4837415	621.365905	980.1557222	167.7288891	14443.441	3,530	Clermont	16282.17497	19,812.03	54.27953
	173.698486	465.763465	12.51362313		1,771	Clinton	651.9755739	2,422.53	6.637063
154.999607	450.162283	396.8164425	492.4965936		2,585	Columbiana	1494.474926	4,079.70	11.17727
559.756196	156.832063	213.8630472	113.3349373	3859.15	835	Coshocton	4902.936223	5,738.17	15.72101
26.4792337	170.681496	506.0149371	412.0998821		1,048	Crawford	1115.275549	2,163.64	5.927778
2649.08651	5181.80837	6561.233573	2354.47165	4509.5509	17,983	Cuyahoga	21256.15104	39,239.37	107.5051
55.8842805	222.443415	596.0411995	122.9768077	14.54359	1,049	Darke	1011.889293	2,060.97	5.646503
1405.33547	119.429329	410.411854	468.9505069	7.6520901	865	Defiance	2411.779252	3,276.51	8.976751
12.8943979	464.647723	1534.652149	509.2751359		3,794	Delaware	2521.469405	6,315.07	17.30155
380.86241	310.857736	920.4820261	821.4230706		3,062	Erie	2433.625242	5,495.15	15.05522
1193.77616	337.131161	975.5429124	59.55975334		2,403	Fairfield	2566.009986	4,969.17	13.61417
38.9833094	108.334213	414.9962338	7.987728693		1,489	Fayette	570.3014845	2,059.28	5.641858
795.60967	4004.46093	5838.641802	1127.019791		25,429	Franklin	11765.73219	37,195.18	101.9046
330.617135	195.980539	514.2689283	538.8065026		1,694	Fulton	1579.673105	3,273.34	8.968066
	130.087619	92.11897146	204.9621462	9385.9611	967	Gallia	9813.129813	10,780.47	29.53554
	407.148359	594.653538	0.410070782		1,433	Geauga	1002.211968	2,434.72	6.670477
2824.42334	511.336473	836.500717	42.42712207		2,563	Greene	4214.68765	6,778.18	18.57034
1474.73606	131.490054	244.6110772	0.072810716		2,275	Guernsey	1850.910005	4,126.16	11.30454

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Non-EGU Point	Area Sources	Nonroad	Maritime/Air/Rail	EGU Point	Onroad	County	Summation without mobile	Summation with mobile	Tons Per Day
2908.66567	1966.20453	3757.507934	935.3208135	4872.7224	14,876	Hamilton	14440.42132	29,316.85	80.32014
100.331822	240.845179	788.6721786	366.1000348		2,562	Hancock	1495.949214	4,057.82	11.1173
	143.003957	369.2776298	99.76591535		597	Hardin	612.0475022	1,209.07	3.312514
120.407483	74.6598584	117.6347747	54.58004536		471	Harrison	367.2821612	838.387956	2.296953
278.81325	136.016618	438.9842441	327.9503132	4.8689568	936	Henry	1186.633382	2,122.64	5.815445
	178.784544	351.8791853	18.25092448		762	Highland	548.9146533	1,310.69	3.590935
750.100347	129.980115	82.39641155	261.6328635		632	Hocking	1224.109736	1,856.14	5.085325
172.829199	144.027173	295.1112203	27.91080498		743	Holmes	639.878397	1,382.95	3.788906
76.70979	238.108545	504.7243901	727.5876921		1,239	Huron	1547.130417	2,785.90	7.632607
20.7751102	133.9189	122.123696	11.25084944		1,009	Jackson	288.0685556	1,297.26	3.554133
1875.24357	254.141708	199.417138	205.9723871	14399.148	1,499	Jefferson	16933.92278	18,432.67	50.50047
11.2072909	246.258245	465.7546167	0.055789157		941	Knox	723.2759416	1,664.27	4.559636
307.842243	859.760335	1560.321293	664.065067	10625.171	3,819	Lake	14017.15971	17,836.03	48.86585
92.6531366	237.046805	134.5661371	501.753915	98.403224	1,393	Lawrence	1064.423217	2,457.63	6.733223
1040.76871	593.634616	897.8531331	24.8691084		4,134	Licking	2557.125565	6,691.10	18.33178
10.0231846	218.807386	453.941345	263.1986801		1,172	Logan	945.9705955	2,117.58	5.801584
758.556934	996.466808	2064.976089	1069.661286	6954.4634	4,027	Lorain	11844.12456	15,871.26	43.48291
3923.18224	1624.78676	1963.082387	778.4905616	5453.9183	7,825	Lucas	13743.46024	21,568.40	59.0915
3.82496873	154.751793	542.7350202	101.9054987		2,093	Madison	803.2172805	2,896.00	7.93426
323.403722	985.324682	934.3856663	364.5839314		5,225	Mahoning	2607.698002	7,832.36	21.45853
475.551959	230.594883	566.6079014	680.4775655		1,613	Marion	1953.232309	3,565.87	9.769502
45.5036567	585.600025	1040.747122	209.2462181		3,793	Medina	1881.097021	5,674.25	15.5459
	101.489263	111.1119141	347.7503111		538	Meigs	560.3514882	1,098.28	3.008976
	174.240311	497.8571153	1.630103296		1,028	Mercer	673.7275299	1,701.39	4.661333
18.9493676	377.953739	692.117992	183.062725	1207.7293	2,431	Miami	2479.813173	4,910.94	13.45464
93.9672556	70.5689466	110.4972526	179.3662489	34.367963	500	Monroe	488.767667	988.788658	2.70901
1499.07854	1914.47704	2430.081027	596.6637174	3244.6346	8,140	Montgomery	9684.934944	17,824.78	48.83502
	70.3229875	71.16886302			383	Morgan	141.4918505	524.960326	1.438247
	160.105332	262.1850469	101.3798747		1,763	Morrow	523.6702537	2,286.30	6.263828
466.986164	326.504969	380.2321124	107.4951035		2,536	Muskingum	1281.218349	3,816.82	10.45704
2.94039583	63.1262788	68.33173166			603	Noble	134.3984063	737.456576	2.020429

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Non-EGU Point	Area Sources	Nonroad	Maritime/Air/Rail	EGU Point	Onroad	County	Summation without mobile	Summation with mobile	Tons Per Day
679.490337	173.096833	995.179183	769.5150275		1,295	Ottawa	2617.281381	3,912.77	10.71993
	88.2948202	380.0755047	227.1131556		553	Paulding	695.4834805	1,248.63	3.420907
708.864648	107.103675	151.8654041	54.72856589		671	Perry	1022.562293	1,693.78	4.640485
336.588101	137.770677	572.9196814	427.7460096	631.8553	1,674	Pickaway	2106.879772	3,781.11	10.35921
343.980017	125.995849	152.6495346	348.8153952		822	Pike	971.4407955	1,793.03	4.912406
74.4584371	567.745002	940.7869745	568.1953142		3,665	Portage	2151.185728	5,816.28	15.93501
1.27278535	181.04976	381.1117399	185.6487159		1,415	Preble	749.0830008	2,164.43	5.929947
10.7616931	146.251935	582.3125461	358.2843709		694	Putnam	1097.610545	1,792.10	4.909855
1708.59248	361.714201	612.6214883	189.9024946	930.86535	3,288	Richland	3803.696013	7,091.86	19.42975
3510.99839	291.668831	379.3420454	434.1895134		1,983	Ross	4616.19878	6,598.96	18.07934
3103.45217	240.725949	604.7515876	326.1903456		2,640	Sandusky	4275.120056	6,914.67	18.9443
483.047118	259.154248	266.8663156	846.3980096		1,628	Scioto	1855.465691	3,483.49	9.543795
5140.65314	244.578258	544.9463872	1223.260855		1,092	Seneca	7153.438642	8,245.09	22.58928
297.643416	149.50215	574.3799672	288.8424779		1,543	Shelby	1310.368011	2,853.42	7.817579
1023.78411	1333.32544	2162.668286	349.7810373		6,224	Stark	4869.558872	11,093.64	30.39353
664.780391	2064.17291	2294.771991	479.1048877		10,752	Summit	5502.83018	16,254.47	44.53278
1215.10505	632.760891	931.5734408	380.2302628	586.82487	4,108	Trumbull	3746.494512	7,854.87	21.52019
519.194286	336.151367	395.4267	103.0014672	729.50973	2,664	Tuscarawas	2083.283549	4,746.85	13.00508
33.4723366	185.44448	800.8775662	77.81406039		1,538	Union	1097.608443	2,635.90	7.221645
141.592181	115.558149	434.8435427	3.578274825		859	Van Wert	695.5721469	1,554.72	4.259511
51.2437511	55.1764276	43.9149129	4.717033177		298	Vinton	155.0521248	453.065602	1.241276
1031.25232	434.184567	1426.71483	61.24790315	56.057599	4,530	Warren	3009.457216	7,539.59	20.65642
1846.53772	182.069667	333.6596349	322.7832836	3125.8993	1,614	Washington	5810.949613	7,425.26	20.34317
1268.662	481.329175	801.0760694	221.3578143	1199.7369	2,763	Wayne	3972.161948	6,734.90	18.45178
30.8935851	174.343872	434.2876069	598.7643749	0.4696831	1,448	Williams	1238.759122	2,686.47	7.360181
1094.87024	444.088008	1010.793288	1018.455036	10.488105	4,906	Wood	3578.694678	8,484.20	23.2444
201.183991	103.930094	365.587223	221.0345157		1,097	Wyandot	891.735824	1,988.79	5.448749

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Non-EGU Point	Area Sources	Nonroad	Maritime/Air/Rail	EGU Point	Onroad	County	Summation without mobile	Summation with mobile	Tons Per Day
VOC									
35.2651768	865.190401	132.6218211	5.063881603	263.76393	419	Adams	1301.905207	1,720.89	4.714769
1037.473	1995.70583	495.7418099	12.85656758		1,630	Allen	3541.777207	5,171.66	14.16894
11.3304655	1319.55747	2746.437355	9.358773104		903	Ashland	4086.68406	4,990.02	13.67129
277.186969	1956.52702	2420.286619	55.38038666	27.837835	1,291	Ashtabula	4737.218827	6,028.53	16.51653
49.250006	977.653773	159.1508852	2.847033411		738	Athens	1188.901698	1,927.25	5.280141
205.408475	1409.6821	444.3912559	5.244319781	39.548031	698	Auglaize	2104.274178	2,802.74	7.678753
60.2650757	1485.07973	381.2799686	4.691408568	29.053387	1,095	Belmont	1960.369567	3,055.13	8.370212
17.5350615	1173.20699	126.2785862	3.994218532		666	Brown	1321.014856	1,986.88	5.443507
1368.26932	3653.23582	1238.580588	34.9853305	2.4444332	1,670	Butler	6297.515491	7,967.14	21.82777
39.6290994	644.057504	266.9372453	1.377860093		355	Carroll	952.0017085	1,306.80	3.58028
0.55002226	1151.04759	194.0638934	1.769072985		537	Champaign	1347.430582	1,884.39	5.162721
104.667416	2837.59651	525.0075308	12.92779838		1,080	Clark	3480.19925	4,560.40	12.49426
79.7457505	2146.31323	808.7994266	4.429748796	198.44817	1,119	Clermont	3237.736324	4,356.67	11.93609
	1272.91627	343.3164817	12.43984384		982	Clinton	1628.672597	2,610.44	7.151891
76.9896784	1637.42847	805.5192693	25.74257563		1,618	Columbiana	2545.679995	4,163.72	11.40745
136.105767	787.264803	205.5857156	4.512205081	157.35964	560	Coshocton	1290.828133	1,851.11	5.071525
59.9739963	1187.47268	240.7724461	22.3036129		683	Crawford	1510.52273	2,193.30	6.00904
1246.18168	14133.1656	8885.516028	220.7421712	42.621637	6,499	Cuyahoga	24528.22708	31,027.57	85.00705
176.18835	1703.66188	265.6328642	6.479730542	0.3425386	701	Darke	2152.305364	2,853.04	7.816551
894.090203	787.748166	458.1187183	24.95255137	0.1747868	555	Defiance	2165.084426	2,720.10	7.452332
136.556086	1863.33897	1112.071201	27.91195853		2,170	Delaware	3139.878212	5,310.07	14.54815
337.54616	1293.23232	2223.926795	40.99662038		1,364	Erie	3895.701896	5,259.71	14.41016
76.532015	1956.52919	444.7215309	2.877596503		1,471	Fairfield	2480.660336	3,952.08	10.82763
139.931846	843.209681	133.2657094	1.065765427		734	Fayette	1117.473001	1,851.21	5.071799
948.631342	14457.4604	4213.044566	124.6892376		12,229	Franklin	19743.82554	31,972.36	87.59552
371.950232	3246.45393	583.8506297	28.72345419		884	Fulton	4230.978246	5,115.09	14.01395
	693.098104	166.6833503	5.582258402	280.56327	578	Gallia	1145.926987	1,724.27	4.724018
1.35715764	4155.43085	1111.141044	0.12730278		606	Geauga	5268.056353	5,873.79	16.09257
20.1610957	1707.9387	624.0131772	2.353226101		955	Greene	2354.466202	3,309.94	9.068322
106.957711	1036.1494	563.9895907	0.501265053		1,075	Guernsey	1707.597968	2,782.57	7.62348

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900.067833	10236.7678	3210.581721	46.27618075	108.07373	4,257	Hamilton	14501.76723	18,759.03	51.39461
760.154478	2514.62339	424.7522168	20.9807782		1,285	Hancock	3720.510863	5,006.00	13.71506
	1291.79929	167.1505566	5.427482665		397	Hardin	1464.377333	1,861.22	5.099225
	405.465086	297.5428648	2.297357831		290	Harrison	705.3053089	995.467024	2.727307
118.569746	1186.38469	608.1693513	16.84254079	0.1095324	579	Henry	1930.075858	2,509.13	6.874328
32.0020375	1404.40549	300.9296702	1.115565286		463	Highland	1738.452767	2,200.95	6.030011
6.26404334	760.107536	341.5903029	9.900665338		358	Hocking	1117.862547	1,475.48	4.042413
10.7817567	1654.91817	342.5624455	1.719425384		472	Holmes	2009.9818	2,482.14	6.800377
1457.63673	1987.62443	523.5526206	39.8148793		775	Huron	4008.628659	4,783.96	13.10675
88.3642659	739.884095	287.9131858	0.923803589		560	Jackson	1117.08535	1,677.46	4.595776
261.819564	859.717363	414.0202457	7.62576475	351.1236	942	Jefferson	1894.306534	2,836.36	7.770859
0.54505386	1442.00331	320.8447336	0.36203985		592	Knox	1763.755139	2,355.45	6.453288
291.973097	2863.83616	2894.503938	34.25868743	144.4332	1,329	Lake	6229.005089	7,557.61	20.70579
84.525764	772.296021	136.9625915	17.59341839	6.0472048	886	Lawrence	1017.424999	1,903.33	5.214616
210.545655	2670.39298	723.6529044	0.941092479		2,216	Licking	3605.532628	5,821.40	15.94903
0.10937999	3037.88088	595.7428414	13.73233205		662	Logan	3647.465435	4,309.01	11.8055
990.810414	3759.68682	3123.8908	53.76400197	43.573003	1,540	Lorain	7971.725043	9,511.23	26.05815
2977.14475	5250.08899	2369.711544	37.68812187	44.58376	5,015	Lucas	10679.21716	15,694.65	42.99903
44.784225	986.869717	280.0142077	6.600507617		894	Madison	1318.268657	2,212.70	6.062204
207.400938	3656.77687	966.248544	19.38091259		3,104	Mahoning	4849.807267	7,953.42	21.79018
464.381601	1690.67692	252.7479954	37.6715065		981	Marion	2445.478027	3,426.82	9.388538
267.330963	2445.79057	1181.042277	12.14600652		1,325	Medina	3906.309816	5,230.84	14.33106
	483.876233	148.2778539	8.815868445		307	Meigs	640.9699558	948.432617	2.598446
	1204.94981	286.6676554	0.251516459		715	Mercer	1491.868982	2,206.52	6.045259
40.327143	2035.21479	507.4102919	9.52027064	4.3272862	1,301	Miami	2596.799784	3,897.48	10.67804
92.0984498	488.18286	132.3974589	4.437380563	0.0163585	338	Monroe	717.1325076	1,055.47	2.891708
1231.30601	8040.2132	1965.329988	65.92773277	33.424691	2,540	Montgomery	11336.20162	13,876.60	38.01809
	414.1923	72.01921336			264	Morgan	486.211513	750.138528	2.055174
	997.753137	246.9871882	5.425682598		854	Morrow	1250.166007	2,103.96	5.764263
173.389639	1608.83456	439.2822142	4.671099201		1,349	Muskingum	2226.177516	3,574.78	9.793927
22.567959	358.09237	69.233609			318	Noble	449.8939384	767.464836	2.102643

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20.4616291	995.446309	2342.223667	42.29038271		661	Ottawa	3400.421987	4,061.82	11.12826
1.60051831	680.338382	702.4404591	12.1586083		363	Paulding	1396.537968	1,759.23	4.819798
192.630752	693.988898	94.53156024	2.593034061		447	Perry	983.7442447	1,430.94	3.92039
559.566381	1079.60172	294.4908067	22.93546936	3.8085376	996	Pickaway	1960.402917	2,956.19	8.09916
19.8439032	1632.23517	292.8041867	18.43030646		491	Pike	1963.313566	2,454.53	6.724735
332.433166	1995.21651	1582.31033	30.5222657		1,441	Portage	3940.482272	5,381.06	14.74263
33.520097	1220.36588	292.2714155	9.929287288		681	Preble	1556.086676	2,237.35	6.129715
10.2840879	1775.00799	231.8834908	18.98873267		475	Putnam	2036.164303	2,510.77	6.878832
227.794749	2433.79707	652.6856409	13.87007521	3.3523146	1,827	Richland	3331.499853	5,158.63	14.13322
332.749565	2657.84848	236.1394539	24.46610395		1,116	Ross	3251.2036	4,366.90	11.96412
609.833028	2551.33816	900.9686499	18.33124902		1,285	Sandusky	4080.471082	5,365.84	14.70092
225.217095	1471.0595	548.0264669	35.88073922		1,003	Scioto	2280.183799	3,283.29	8.995314
109.515068	1933.37573	394.0736884	66.1598559		726	Seneca	2503.124336	3,228.95	8.846435
662.114632	1517.32714	268.191831	15.17910316		801	Shelby	2462.812705	3,264.12	8.942807
745.268267	6891.42979	2379.054827	17.89073519		3,931	Stark	10033.64362	13,964.49	38.25889
446.204665	5735.0188	2510.854712	35.73996686		4,481	Summit	8727.818141	13,208.99	36.18902
4109.8605	3617.31321	776.4838033	26.04798766	30.96321	2,019	Trumbull	8560.668711	10,579.22	28.98416
485.334086	1455.91062	380.5862542	4.715570324	2.6138139	1,458	Tuscarawas	2329.160347	3,787.39	10.37642
117.092528	4692.67003	357.253934	5.322274312		719	Union	5172.338768	5,891.66	16.14153
34.6904553	1416.40742	116.7331962	0.48457181		473	Van Wert	1568.315639	2,041.47	5.593071
2.58796148	350.811624	45.20633713	0.278447804		175	Vinton	398.8843705	574.096645	1.572868
190.624775	2589.6755	917.3675954	3.225061901	0.0267145	1,376	Warren	3700.919643	5,076.47	13.90814
628.214564	1179.5332	374.5038728	8.378761058	157.08589	974	Washington	2347.716282	3,321.76	9.100726
284.163786	2781.65024	638.6453149	15.45404282	4.3739759	1,653	Wayne	3724.287358	5,376.89	14.73121
344.922049	1268.40034	663.1843219	32.10295421	0.0022279	768	Williams	2308.611896	3,076.16	8.427832
210.683076	2487.75828	590.7573659	58.54488251	0.3248717	2,393	Wood	3348.068473	5,741.03	15.72885
523.642498	844.025577	110.5245418	11.48692651		581	Wyandot	1489.679543	2,070.69	5.673125