

DEMOGRAPHIA

ANNUAL DENSITY OF HIGHWAY VEHICLE NOx EMISSIONS BY COUNTY: 2008 Major Metropolitan Areas (Over 1,000,000 Population)

Metropolitan Area	State	County Equivalent	Density (Population/ Square Mile	Rank	Annual NOx Tons per Square Mile	Rank
Atlanta, GA	GA	Barrow	402	186	7.1	176
Atlanta, GA	GA	Bartow	199	257	7.8	164
Atlanta, GA	GA	Butts	125	286	3.5	278
Atlanta, GA	GA	Carroll	221	247	4.7	239
Atlanta, GA	GA	Cherokee	470	171	7.5	169
Atlanta, GA	GA	Clayton	1,899	59	30.2	54
Atlanta, GA	GA	Cobb	2,016	55	32.6	49
Atlanta, GA	GA	Coweta	264	233	4.6	244
Atlanta, GA	GA	Dawson	100	313	2.0	340
Atlanta, GA	GA	DeKalb	2,723	38	45.9	26
Atlanta, GA	GA	Douglas	610	150	12.6	117
Atlanta, GA	GA	Fayette	535	165	8.8	151
Atlanta, GA	GA	Forsyth	679	140	10.0	141
Atlanta, GA	GA	Fulton	1,848	61	36.2	39
Atlanta, GA	GA	Gwinnett	1,756	64	27.6	58
Atlanta, GA	GA	Haralson	101	312	2.6	315
Atlanta, GA	GA	Heard	39	394	0.8	400
Atlanta, GA	GA	Henry	561	160	10.9	134
Atlanta, GA	GA	Jasper	37	395	0.7	406
Atlanta, GA	GA	Lamar	91	320	2.6	318
Atlanta, GA	GA	Meriwether	45	385	1.2	372
Atlanta, GA	GA	Newton	337	204	8.1	161
Atlanta, GA	GA	Paulding	395	189	5.9	203
Atlanta, GA	GA	Pickens	128	283	2.8	310
Atlanta, GA	GA	Pike	77	337	1.4	366
Atlanta, GA	GA	Rockdale	618	148	12.2	123
Atlanta, GA	GA	Spalding	316	213	6.6	186
Atlanta, GA	GA	Walton	247	235	4.7	235
Austin, TX	TX	Bastrop	80	335	1.3	369
Austin, TX	TX	Caldwell	67	348	1.1	384
Austin, TX	TX	Hays	203	253	3.5	277
Austin, TX	TX	Travis	964	119	11.9	125
Austin, TX	TX	Williamson	323	209	3.9	268
Baltimore, MD	MD	Anne Arundel	1,228	97	20.4	79
Baltimore, MD	MD	Baltimore	1,314	92	21.2	75
Baltimore, MD	MD	Baltimore city	7,928	12	60.0	16
Baltimore, MD	MD	Carroll	376	195	3.7	275
Baltimore, MD	MD	Harford	545	163	8.1	158
Baltimore, MD	MD	Howard	1,081	107	23.7	68

Baltimore, MD	MD	Queen Anne's	125	287	4.7	242
Birmingham, AL	AL	Bibb	34	399	0.7	408
Birmingham, AL	AL	Blount	87	327	1.7	352
Birmingham, AL	AL	Chilton	61	354	1.8	349
Birmingham, AL	AL	Jefferson	595	153	11.7	127
Birmingham, AL	AL	Shelby	228	245	3.2	290
Birmingham, AL	AL	St. Clair	121	289	3.3	287
Birmingham, AL	AL	Walker	87	328	1.8	347
Boston, MA-NH	MA	Essex	1,462	79	9.8	143
Boston, MA-NH	MA	Middlesex	1,787	63	18.5	85
Boston, MA-NH	MA	Norfolk	1,638	71	26.7	60
Boston, MA-NH	MA	Plymouth	742	132	5.1	220
Boston, MA-NH	MA	Suffolk	12,347	7	74.6	8
Boston, MA-NH	NH	Rockingham	426	180	6.6	185
Boston, MA-NH	NH	Strafford	329	206	4.4	250
Buffalo, NY	NY	Erie	875	123	10.5	136
Buffalo, NY	NY	Niagara	410	184	3.7	274
Charlotte, NC-SC	NC	Anson	48	380	1.1	388
Charlotte, NC-SC	NC	Cabarrus	436	177	10.5	137
Charlotte, NC-SC	NC	Gaston	562	159	10.1	140
Charlotte, NC-SC	NC	Mecklenburg	1,614	72	31.6	50
Charlotte, NC-SC	NC	Union	280	230	4.6	247
Charlotte, NC-SC	SC	York	301	218	5.2	219
Chicago, IL-IN-WI	IL	Cook	5,537	16	79.1	7
Chicago, IL-IN-WI	IL	DeKalb	164	271	4.0	263
Chicago, IL-IN-WI	IL	DuPage	2,765	37	57.8	18
Chicago, IL-IN-WI	IL	Grunddy	110	296	4.7	241
Chicago, IL-IN-WI	IL	Kane	942	121	16.2	96
Chicago, IL-IN-WI	IL	Kendall	288	224	7.0	180
Chicago, IL-IN-WI	IL	Lake	1,565	75	28.9	55
Chicago, IL-IN-WI	IL	McHenry	517	167	8.4	155
Chicago, IL-IN-WI	IL	Will	792	127	15.8	101
Chicago, IL-IN-WI	IN	Jasper	57	359	2.9	304
Chicago, IL-IN-WI	IN	Lake	987	115	15.5	103
Chicago, IL-IN-WI	IN	Newton	35	398	1.0	390
Chicago, IL-IN-WI	IN	Porter	381	194	6.3	193
Chicago, IL-IN-WI	WI	Kenosha	594	154	6.5	189
Cincinnati, OH-KY-IN	IN	Dearborn	162	272	5.6	210
Cincinnati, OH-KY-IN	IN	Franklin	60	357	1.5	362
Cincinnati, OH-KY-IN	IN	Ohio	68	347	1.2	378
Cincinnati, OH-KY-IN	KY	Boone	451	173	7.8	163
Cincinnati, OH-KY-IN	KY	Bracken	42	388	0.7	405
Cincinnati, OH-KY-IN	KY	Campbell	575	156	10.2	138
Cincinnati, OH-KY-IN	KY	Gallatin	82	332	7.3	171
Cincinnati, OH-KY-IN	KY	Grant	96	318	4.1	259
Cincinnati, OH-KY-IN	KY	Kenton	963	120	16.1	98
Cincinnati, OH-KY-IN	KY	Pendleton	54	365	1.1	385
Cincinnati, OH-KY-IN	OH	Brown	89	323	1.9	343
Cincinnati, OH-KY-IN	OH	Butler	762	130	9.2	146

Cincinnati, OH-KY-IN	OH	Clermont	427	179	5.7	205
Cincinnati, OH-KY-IN	OH	Hamilton	2,091	51	31.3	52
Cincinnati, OH-KY-IN	OH	Warren	505	168	7.2	172
Cleveland, OH	OH	Cuyahoga	2,834	34	35.8	41
Cleveland, OH	OH	Geauga	243	238	3.0	302
Cleveland, OH	OH	Lake	1,025	111	15.6	102
Cleveland, OH	OH	Lorain	614	149	7.9	162
Cleveland, OH	OH	Medina	401	187	7.1	178
Columbus, OH	OH	Delaware	358	199	6.5	187
Columbus, OH	OH	Fairfield	278	232	4.1	261
Columbus, OH	OH	Franklin	2,068	52	38.3	33
Columbus, OH	OH	Licking	227	246	5.9	201
Columbus, OH	OH	Madison	89	322	4.2	256
Columbus, OH	OH	Morrow	85	330	4.3	254
Columbus, OH	OH	Pickaway	107	302	2.8	308
Columbus, OH	OH	Union	108	299	2.6	317
Dallas-Fort Worth, TX	TX	Collin	845	126	7.6	167
Dallas-Fort Worth, TX	TX	Dallas	2,692	39	37.1	37
Dallas-Fort Worth, TX	TX	Delta	20	416	0.5	414
Dallas-Fort Worth, TX	TX	Denton	678	141	7.2	173
Dallas-Fort Worth, TX	TX	Ellis	149	277	4.9	229
Dallas-Fort Worth, TX	TX	Hunt	98	317	3.0	295
Dallas-Fort Worth, TX	TX	Johnson	203	254	3.9	269
Dallas-Fort Worth, TX	TX	Kaufman	120	290	4.3	252
Dallas-Fort Worth, TX	TX	Parker	118	292	3.0	296
Dallas-Fort Worth, TX	TX	Rockwall	554	162	11.3	130
Dallas-Fort Worth, TX	TX	Tarrant	1,953	58	23.6	69
Dallas-Fort Worth, TX	TX	Wise	63	352	2.0	339
Denver, CO	CO	Adams	348	202	4.9	228
Denver, CO	CO	Arapahoe	670	142	7.7	165
Denver, CO	CO	Broomfield	1,564	76	24.3	65
Denver, CO	CO	Clear Creek	23	411	3.2	291
Denver, CO	CO	Denver	3,740	25	53.5	20
Denver, CO	CO	Douglas	317	212	4.4	251
Denver, CO	CO	Elbert	12	419	0.3	419
Denver, CO	CO	Gilpin	34	400	0.9	393
Denver, CO	CO	Jefferson	682	137	9.1	147
Denver, CO	CO	Park	8	421	0.1	421
Detroit, MI	MI	Lapeer	141	278	2.6	316
Detroit, MI	MI	Livingston	321	210	6.3	192
Detroit, MI	MI	Macomb	1,724	66	24.1	66
Detroit, MI	MI	Oakland	1,378	86	27.6	57
Detroit, MI	MI	St. Clair	235	241	4.1	260
Detroit, MI	MI	Wayne	3,248	30	54.3	19
Hartford, CT	CT	Hartford	1,187	100	17.1	92
Hartford, CT	CT	Middlesex	443	174	5.7	206
Hartford, CT	CT	Tolland	361	198	6.4	191
Houston, TX	TX	Austin	40	390	3.4	282
Houston, TX	TX	Brazoria	208	251	2.0	336

Houston, TX	TX	Chambers	48	379	2.5	321
Houston, TX	TX	Fort Bend	568	158	4.6	248
Houston, TX	TX	Galveston	706	134	6.7	183
Houston, TX	TX	Harris	2,246	47	28.7	56
Houston, TX	TX	Liberty	64	351	1.1	387
Houston, TX	TX	Montgomery	386	191	4.8	232
Houston, TX	TX	San Jacinto	43	387	1.3	370
Houston, TX	TX	Waller	69	345	2.4	323
Indianapolis, IN	IN	Boone	126	285	3.9	267
Indianapolis, IN	IN	Brown	47	381	1.1	383
Indianapolis, IN	IN	Hamilton	646	144	9.3	145
Indianapolis, IN	IN	Hancock	214	249	5.2	217
Indianapolis, IN	IN	Hendricks	324	208	5.9	204
Indianapolis, IN	IN	Johnson	421	182	6.8	182
Indianapolis, IN	IN	Marion	2,210	48	37.2	35
Indianapolis, IN	IN	Morgan	172	269	3.9	265
Indianapolis, IN	IN	Putnam	77	338	2.9	303
Indianapolis, IN	IN	Shelby	106	303	3.4	285
Jacksonville, FL	FL	Baker	43	386	2.1	334
Jacksonville, FL	FL	Clay	299	219	4.1	258
Jacksonville, FL	FL	Duval	1,093	106	21.6	73
Jacksonville, FL	FL	Nassau	104	309	2.9	305
Jacksonville, FL	FL	St. Johns	283	227	4.7	234
Kansas City, MO-KS	KS	Franklin	46	383	2.0	341
Kansas City, MO-KS	KS	Johnson	1,093	105	17.4	89
Kansas City, MO-KS	KS	Leavenworth	158	274	3.2	289
Kansas City, MO-KS	KS	Linn	16	418	0.5	413
Kansas City, MO-KS	KS	Miami	53	367	1.2	377
Kansas City, MO-KS	KS	Wyandotte	1,011	113	20.6	77
Kansas City, MO-KS	MO	Bates	20	415	0.8	403
Kansas City, MO-KS	MO	Caldwell	21	413	0.8	398
Kansas City, MO-KS	MO	Cass	138	279	2.8	309
Kansas City, MO-KS	MO	Clay	543	164	12.4	119
Kansas City, MO-KS	MO	Clinton	50	375	1.7	354
Kansas City, MO-KS	MO	Jackson	1,129	102	24.3	64
Kansas City, MO-KS	MO	Lafayette	52	368	2.7	313
Kansas City, MO-KS	MO	Platte	206	252	7.1	179
Kansas City, MO-KS	MO	Ray	41	389	0.8	401
Las Vegas, NV	NV	Clark	229	244	1.7	351
Los Angeles, CA	CA	Los Angeles	2,400	43	25.2	63
Los Angeles, CA	CA	Orange	3,744	24	33.1	46
Louisville, KY-IN	IN	Clark	279	231	5.7	207
Louisville, KY-IN	IN	Floyd	490	169	8.6	153
Louisville, KY-IN	IN	Harrison	76	340	2.1	332
Louisville, KY-IN	IN	Washington	54	364	0.9	394
Louisville, KY-IN	KY	Bullitt	244	237	5.4	211
Louisville, KY-IN	KY	Henry	55	363	2.3	327
Louisville, KY-IN	KY	Jefferson	1,839	62	48.0	24
Louisville, KY-IN	KY	Meade	89	325	1.5	359

Louisville, KY-IN	KY	Nelson	100	315	1.8	344
Louisville, KY-IN	KY	Oldham	295	221	4.9	230
Louisville, KY-IN	KY	Shelby	104	308	3.4	283
Louisville, KY-IN	KY	Spencer	89	324	1.2	379
Louisville, KY-IN	KY	Trimble	60	356	0.9	395
Memphis, TN-MS-AR	AR	Crittenden	85	329	3.0	298
Memphis, TN-MS-AR	MS	DeSoto	308	215	6.1	196
Memphis, TN-MS-AR	MS	Marshall	51	371	1.8	350
Memphis, TN-MS-AR	MS	Tate	66	350	1.8	346
Memphis, TN-MS-AR	MS	Tunica	23	410	1.2	375
Memphis, TN-MS-AR	TN	Fayette	52	369	2.2	331
Memphis, TN-MS-AR	TN	Shelby	1,219	98	18.1	87
Memphis, TN-MS-AR	TN	Tipton	124	288	1.4	364
Miami, FL	FL	Broward	1,456	80	19.3	82
Miami, FL	FL	Miami-Dade	1,257	94	16.0	100
Miami, FL	FL	Palm Beach	641	146	8.2	156
Milwaukee,WI	WI	Milwaukee	3,942	22	35.9	40
Milwaukee,WI	WI	Ozaukee	368	196	6.0	200
Milwaukee,WI	WI	Washington	296	220	4.6	243
Milwaukee,WI	WI	Waukesha	680	139	9.4	144
Minneapolis-St. Paul, MN-WI	MN	Anoka	769	129	15.5	104
Minneapolis-St. Paul, MN-WI	MN	Carver	245	236	4.9	226
Minneapolis-St. Paul, MN-WI	MN	Chisago	119	291	4.3	255
Minneapolis-St. Paul, MN-WI	MN	Dakota	681	138	13.8	111
Minneapolis-St. Paul, MN-WI	MN	Hennepin	2,030	53	41.4	28
Minneapolis-St. Paul, MN-WI	MN	Isanti	88	326	2.0	335
Minneapolis-St. Paul, MN-WI	MN	Ramsey	3,197	31	63.0	13
Minneapolis-St. Paul, MN-WI	MN	Scott	349	201	7.1	174
Minneapolis-St. Paul, MN-WI	MN	Sherburne	195	259	4.6	249
Minneapolis-St. Paul, MN-WI	MN	Washington	573	157	11.7	126
Minneapolis-St. Paul, MN-WI	MN	Wright	175	268	5.2	216
Minneapolis-St. Paul, MN-WI	WI	Pierce	69	346	0.8	402
Minneapolis-St. Paul, MN-WI	WI	St. Croix	111	295	3.0	299
Nashville, TN	TN	Cannon	50	374	0.8	404
Nashville, TN	TN	Cheatham	128	284	3.9	264
Nashville, TN	TN	Davidson	1,230	96	21.3	74
Nashville, TN	TN	Dickson	96	319	3.8	271
Nashville, TN	TN	Hickman	39	393	1.8	345
Nashville, TN	TN	Macon	70	343	0.9	396
Nashville, TN	TN	Robertson	132	282	4.7	237
Nashville, TN	TN	Rutherford	383	192	7.1	175
Nashville, TN	TN	Smith	60	358	3.7	273
Nashville, TN	TN	Sumner	284	225	3.5	281
Nashville, TN	TN	Trousdale	67	349	1.3	371
Nashville, TN	TN	Williamson	280	229	5.3	212
Nashville, TN	TN	Wilson	184	263	4.9	227
New Orleans. LA	LA	Jefferson	1,405	84	9.0	149
New Orleans. LA	LA	Orleans	1,375	87	13.9	110
New Orleans. LA	LA	Plaquemines	25	407	0.4	416

New Orleans, LA	LA	St. Bernard	52	370	0.4	418
New Orleans, LA	LA	St. Charles	183	265	5.0	221
New Orleans, LA	LA	St. John the Baptist	218	248	5.0	224
New Orleans, LA	LA	St. Tammany	263	234	4.8	231
New York, NY-NJ-PA	NJ	Bergen	3,779	23	37.1	36
New York, NY-NJ-PA	NJ	Essex	6,101	14	41.4	29
New York, NY-NJ-PA	NJ	Hudson	12,650	6	62.2	14
New York, NY-NJ-PA	NJ	Hunterdon	301	217	5.9	202
New York, NY-NJ-PA	NJ	Middlesex	2,512	42	32.8	48
New York, NY-NJ-PA	NJ	Monmouth	1,358	88	13.9	109
New York, NY-NJ-PA	NJ	Morris	1,035	110	13.4	112
New York, NY-NJ-PA	NJ	Ocean	886	122	6.0	199
New York, NY-NJ-PA	NJ	Passaic	2,630	40	17.5	88
New York, NY-NJ-PA	NJ	Somerset	1,048	109	11.4	128
New York, NY-NJ-PA	NJ	Sussex	291	223	2.9	306
New York, NY-NJ-PA	NJ	Union	5,034	18	46.8	25
New York, NY-NJ-PA	NY	Bronx	32,815	3	107.6	3
New York, NY-NJ-PA	NY	Kings	35,852	2	68.8	9
New York, NY-NJ-PA	NY	Nassau	4,717	19	40.5	31
New York, NY-NJ-PA	NY	New York	70,389	1	187.5	1
New York, NY-NJ-PA	NY	Putnam	428	178	12.8	116
New York, NY-NJ-PA	NY	Queens	20,799	4	68.6	10
New York, NY-NJ-PA	NY	Richmond	8,220	11	33.2	45
New York, NY-NJ-PA	NY	Rockland	1,702	68	16.0	99
New York, NY-NJ-PA	NY	Suffolk	1,655	70	20.4	78
New York, NY-NJ-PA	NY	Westchester	2,185	49	21.7	72
New York, NY-NJ-PA	PA	Pike	106	304	3.3	288
Oklahoma City, OK	OK	Canadian	114	294	3.0	294
Oklahoma City, OK	OK	Cleveland	437	176	5.0	223
Oklahoma City, OK	OK	Grady	46	384	1.6	355
Oklahoma City, OK	OK	Lincoln	34	401	1.5	360
Oklahoma City, OK	OK	Logan	49	376	1.2	374
Oklahoma City, OK	OK	McClain	55	362	2.2	330
Oklahoma City, OK	OK	Oklahoma	982	116	22.6	71
Orlando, FL	FL	Lake	311	214	3.1	292
Orlando, FL	FL	Orange	1,168	101	18.7	84
Orlando, FL	FL	Osceola	191	261	1.2	376
Orlando, FL	FL	Seminole	1,325	91	24.0	67
Philadelphia, PA-NJ-DE-MD	DE	New Castle	1,234	95	15.2	106
Philadelphia, PA-NJ-DE-MD	MD	Cecil	284	226	10.2	139
Philadelphia, PA-NJ-DE-MD	NJ	Burlington	555	161	7.4	170
Philadelphia, PA-NJ-DE-MD	NJ	Camden	2,326	45	25.4	62
Philadelphia, PA-NJ-DE-MD	NJ	Gloucester	875	124	11.0	133
Philadelphia, PA-NJ-DE-MD	NJ	Salem	195	258	4.7	240
Philadelphia, PA-NJ-DE-MD	PA	Bucks	1,021	112	12.3	121
Philadelphia, PA-NJ-DE-MD	PA	Chester	640	147	9.0	150
Philadelphia, PA-NJ-DE-MD	PA	Delaware	3,009	33	27.4	59
Philadelphia, PA-NJ-DE-MD	PA	Montgomery	1,603	73	19.4	81
Philadelphia, PA-NJ-DE-MD	PA	Philadelphia	11,289	8	66.6	12

Phoenix, AZ	AZ	Maricopa	416	183	5.6	209
Phoenix, AZ	AZ	Pinal	53	366	1.3	367
Pittsburgh, PA	PA	Allegheny	1,673	69	18.3	86
Pittsburgh, PA	PA	Armstrong	105	305	1.7	353
Pittsburgh, PA	PA	Beaver	400	188	5.2	218
Pittsburgh, PA	PA	Butler	231	243	3.8	270
Pittsburgh, PA	PA	Fayette	183	266	2.4	325
Pittsburgh, PA	PA	Washington	240	240	4.7	236
Pittsburgh, PA	PA	Westmoreland	354	200	6.7	184
Portland, OR-WA	OR	Clackamas	200	256	2.6	319
Portland, OR-WA	OR	Columbia	74	341	1.1	382
Portland, OR-WA	OR	Multnomah	1,585	74	22.8	70
Portland, OR-WA	OR	Washington	711	133	6.8	181
Portland, OR-WA	OR	Yamhill	132	281	1.5	361
Portland, OR-WA	WA	Clark	656	143	9.0	148
Portland, OR-WA	WA	Skamania	6	422	0.1	422
Providence, RI-MA	MA	Bristol	979	117	6.0	197
Providence, RI-MA	RI	Bristol	2,027	54	12.0	124
Providence, RI-MA	RI	Kent	993	114	9.9	142
Providence, RI-MA	RI	Newport	792	128	6.2	195
Providence, RI-MA	RI	Providence	1,522	78	13.3	113
Providence, RI-MA	RI	Washington	381	193	4.1	262
Raleigh, NC	NC	Franklin	114	293	2.4	324
Raleigh, NC	NC	Johnston	194	260	8.1	160
Raleigh, NC	NC	Wake	976	118	17.2	91
Richmond, VA	VA	Amelia	35	396	1.2	373
Richmond, VA	VA	Caroline	50	373	4.3	253
Richmond, VA	VA	Charles city	39	392	1.0	392
Richmond, VA	VA	Chesterfield	697	136	11.3	131
Richmond, VA	VA	Colonial Heights city	2,367	44	48.4	23
Richmond, VA	VA	Cumberland	32	405	0.7	407
Richmond, VA	VA	Dinwiddie	51	372	2.4	322
Richmond, VA	VA	Goochland	71	342	4.6	245
Richmond, VA	VA	Hanover	208	250	6.5	188
Richmond, VA	VA	Henrico	1,208	99	19.7	80
Richmond, VA	VA	Hopewell city	2,246	46	36.7	38
Richmond, VA	VA	King and Queen	22	412	0.8	399
Richmond, VA	VA	King William	56	360	1.1	380
Richmond, VA	VA	Louisa	63	353	2.4	326
Richmond, VA	VA	New Kent	81	334	6.4	190
Richmond, VA	VA	Petersburg city	1,435	82	31.6	51
Richmond, VA	VA	Powhatan	105	307	2.0	338
Richmond, VA	VA	Prince George	135	280	3.6	276
Richmond, VA	VA	Richmond city	3,325	28	51.2	22
Richmond, VA	VA	Sussex	25	409	2.0	337
Riverside-San Bernardino, CA	CA	Riverside	281	228	5.6	208
Riverside-San Bernardino, CA	CA	San Bernardino	99	316	2.3	328
Rochester, NY	NY	Livingston	100	314	1.8	348
Rochester, NY	NY	Monroe	1,108	103	12.3	122

Rochester, NY	NY	Ontario	161	273	2.7	312
Rochester, NY	NY	Orleans	108	298	1.0	391
Rochester, NY	NY	Wayne	152	276	1.4	365
Sacramento, CA	CA	El Dorado	103	310	1.0	389
Sacramento, CA	CA	Placer	234	242	4.6	246
Sacramento, CA	CA	Sacramento	1,417	83	16.7	94
Sacramento, CA	CA	Yolo	189	262	3.9	266
Salt Lake City, UT	UT	Salt Lake	1,348	89	16.9	93
Salt Lake City, UT	UT	Summit	19	417	1.1	381
Salt Lake City, UT	UT	Tooele	8	420	0.4	417
San Antonio, TX	TX	Atascosa	35	397	0.9	397
San Antonio, TX	TX	Bandera	25	406	0.3	420
San Antonio, TX	TX	Bexar	1,259	93	18.7	83
San Antonio, TX	TX	Comal	183	264	4.2	257
San Antonio, TX	TX	Guadalupe	155	275	3.0	301
San Antonio, TX	TX	Kendall	46	382	1.1	386
San Antonio, TX	TX	Medina	33	402	0.6	410
San Antonio, TX	TX	Wilson	48	378	0.6	411
San Diego, CA	CA	San Diego	705	135	8.7	152
San Francisco-Oakland, CA	CA	Alameda	1,957	57	31.3	53
San Francisco-Oakland, CA	CA	Contra Costa	1,397	85	15.2	105
San Francisco-Oakland, CA	CA	Marin	472	170	5.3	214
San Francisco-Oakland, CA	CA	San Francisco	16,974	5	115.8	2
San Francisco-Oakland, CA	CA	San Mateo	1,548	77	13.2	114
San Jose, CA	CA	San Benito	39	391	2.6	320
San Jose, CA	CA	Santa Clara	1,326	90	13.0	115
Seattle, WA	WA	King	868	125	16.1	97
Seattle, WA	WA	Pierce	458	172	7.6	168
Seattle, WA	WA	Snohomish	321	211	5.3	213
St. Louis,, MO-IL	IL	Bond	48	377	2.1	333
St. Louis,, MO-IL	IL	Calhoun	20	414	0.4	415
St. Louis,, MO-IL	IL	Clinton	76	339	2.3	329
St. Louis,, MO-IL	IL	Jersey	61	355	1.4	363
St. Louis,, MO-IL	IL	Macoupin	56	361	1.3	368
St. Louis,, MO-IL	IL	Madison	368	197	11.1	132
St. Louis,, MO-IL	IL	Monroe	83	331	2.7	314
St. Louis,, MO-IL	IL	St. Clair	393	190	11.4	129
St. Louis,, MO-IL	MO	Crawford	32	403	1.5	358
St. Louis,, MO-IL	MO	Franklin	108	300	3.0	300
St. Louis,, MO-IL	MO	Jefferson	327	207	4.9	225
St. Louis,, MO-IL	MO	Lincoln	80	336	1.6	357
St. Louis,, MO-IL	MO	St. Charles	607	151	8.5	154
St. Louis,, MO-IL	MO	St. Louis	1,960	56	40.9	30
St. Louis,, MO-IL	MO	St. Louis city	5,731	15	97.3	5
St. Louis,, MO-IL	MO	Warren	70	344	3.1	293
St. Louis,, MO-IL	MO	Washington	32	404	0.6	409
Tampa-St. Petersburg, FL	AZ	Pima	107	301	1.6	356
Tampa-St. Petersburg, FL	FL	Hernando	348	203	6.0	198
Tampa-St. Petersburg, FL	FL	Hillsborough	1,108	104	16.3	95

Tampa-St. Petersburg, FL	FL	Pasco	607	152	8.1	159
Tampa-St. Petersburg, FL	FL	Pinellas	3,271	29	53.3	21
Virginia Beach-Norfolk, VA-NC	NC	Currituck	90	321	2.7	311
Virginia Beach-Norfolk, VA-NC	VA	Chesapeake city	642	145	10.5	135
Virginia Beach-Norfolk, VA-NC	VA	Gloucester	175	267	3.0	297
Virginia Beach-Norfolk, VA-NC	VA	Hampton city	2,828	35	43.8	27
Virginia Beach-Norfolk, VA-NC	VA	Isle of Wight	110	297	3.5	280
Virginia Beach-Norfolk, VA-NC	VA	James city	423	181	7.7	166
Virginia Beach-Norfolk, VA-NC	VA	Mathews	105	306	1.9	342
Virginia Beach-Norfolk, VA-NC	VA	Newport News city	2,822	36	38.0	34
Virginia Beach-Norfolk, VA-NC	VA	Norfolk city	4,422	21	58.9	17
Virginia Beach-Norfolk, VA-NC	VA	Poquoson city	761	131	4.8	233
Virginia Beach-Norfolk, VA-NC	VA	Portsmouth city	3,068	32	33.5	44
Virginia Beach-Norfolk, VA-NC	VA	Suffolk city	202	255	5.2	215
Virginia Beach-Norfolk, VA-NC	VA	Surry	25	408	0.6	412
Virginia Beach-Norfolk, VA-NC	VA	Virginia Beach city	1,755	65	17.2	90
Virginia Beach-Norfolk, VA-NC	VA	Williamsburg city	1,446	81	14.0	108
Virginia Beach-Norfolk, VA-NC	VA	York	581	155	12.5	118
Washington, DC-VA-MD-WV	DC	District of Columbia	9,531	9	103.1	4
Washington, DC-VA-MD-WV	MD	Calvert	408	185	4.7	238
Washington, DC-VA-MD-WV	MD	Charles	304	216	3.5	279
Washington, DC-VA-MD-WV	MD	Frederick	337	205	7.1	177
Washington, DC-VA-MD-WV	MD	Montgomery	1,894	60	20.7	76
Washington, DC-VA-MD-WV	MD	Prince George's	1,720	67	25.5	61
Washington, DC-VA-MD-WV	VA	Alexandria city	9,160	10	60.7	15
Washington, DC-VA-MD-WV	VA	Arlington	7,811	13	89.4	6
Washington, DC-VA-MD-WV	VA	Clarke	81	333	3.8	272
Washington, DC-VA-MD-WV	VA	Fairfax	2,537	41	34.5	42
Washington, DC-VA-MD-WV	VA	Fairfax city	3,660	26	33.1	47
Washington, DC-VA-MD-WV	VA	Falls Church city	5,490	17	39.8	32
Washington, DC-VA-MD-WV	VA	Fauquier	102	311	3.3	286
Washington, DC-VA-MD-WV	VA	Fredericksburg city	2,114	50	68.5	11
Washington, DC-VA-MD-WV	VA	Loudoun	522	166	3.4	284
Washington, DC-VA-MD-WV	VA	Manassas city	3,551	27	34.0	43
Washington, DC-VA-MD-WV	VA	Manassas Park city	4,612	20	14.7	107
Washington, DC-VA-MD-WV	VA	Prince William	1,056	108	12.4	120
Washington, DC-VA-MD-WV	VA	Spotsylvania	295	222	6.2	194
Washington, DC-VA-MD-WV	VA	Stafford	442	175	8.2	157
Washington, DC-VA-MD-WV	VA	Warren	169	270	5.0	222
Washington, DC-VA-MD-WV	WV	Jefferson	240	239	2.9	307

	Density (Population/ Square Mile)	Annual NOx Tons per Square Mile
AVERAGES (NOT WEIGHTED)		
Core Counties	4,196	37.3
Suburban Counties	923	9.6
Core NOx Intensity Compared to Suburban	4.54	3.90

Calculated from Environmental Protection Agency Data

Core counties are the counties that include the historical core cities (the first named city, except New York County in New York, San Francisco & Oakland in San Francisco-Oakland, Minneapolis & St. Paul in Minneapolis-St. Paul and Norfolk in Virginia Beach-Norfolk. Two metropolitan areas are excluded because they have only one county (San Diego & Las Vegas)