APPENDIX D

Nitrogen Oxides (NO_x) and Volatile Organic Compounds (VOC) Emissions, All Sources, 2011 and 2014, for Dearborn County Indiana and Entire Cincinnati-Hamilton, OH-KY-IN Nonattainment Area

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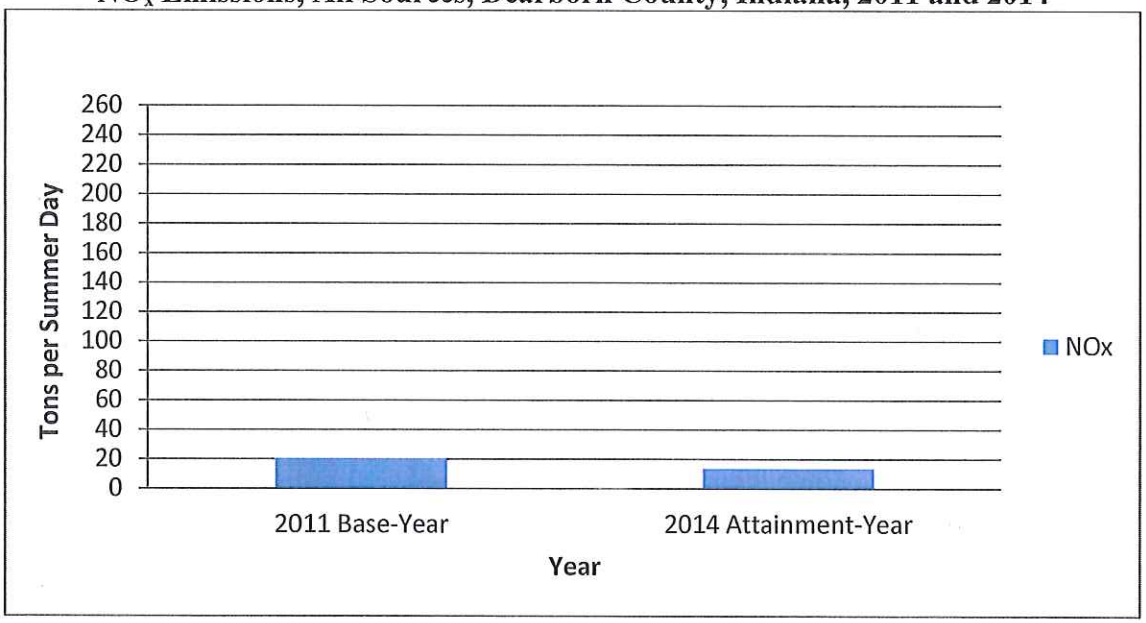
Dearborn County, Indiana, Emission Totals, All Sources (Tons per Summer Day)		
Year	NO_x	VOC
2011	20.68	7.78
2014	13.72	7.29

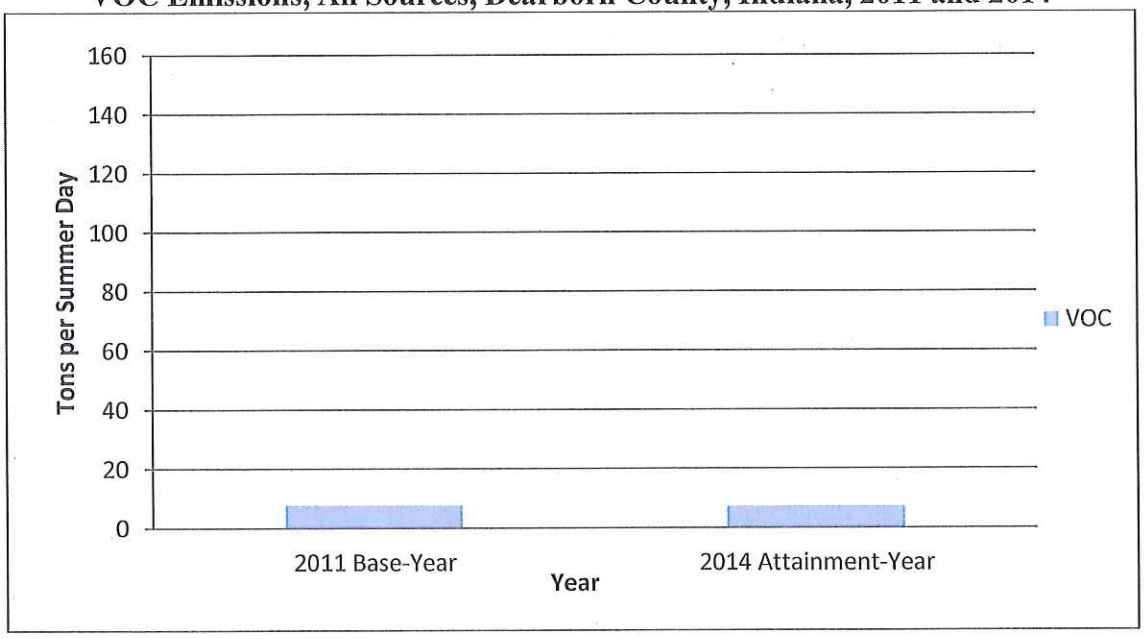
2011-Dearborn County, Indiana Emission Totals, All Sources (Tons per Summer Day)						
	Area	Nonroad	Onroad	Non-EGU Point	EGU-Point	Total
NO_x	0.47	0.53	1.89	2.71	15.08	20.68
VOC	1.75	0.42	1.33	4.01	0.27	7.78

2014-Dearborn County, Indiana Emission Totals, All Sources (Tons per Summer Day)						
	Area	Nonroad	Onroad	Non-EGU Point	EGU-Point	Total
NO_x	0.47	0.44	1.37	2.71	8.73	13.72
VOC	1.75	0.36	0.99	4.01	0.18	7.29

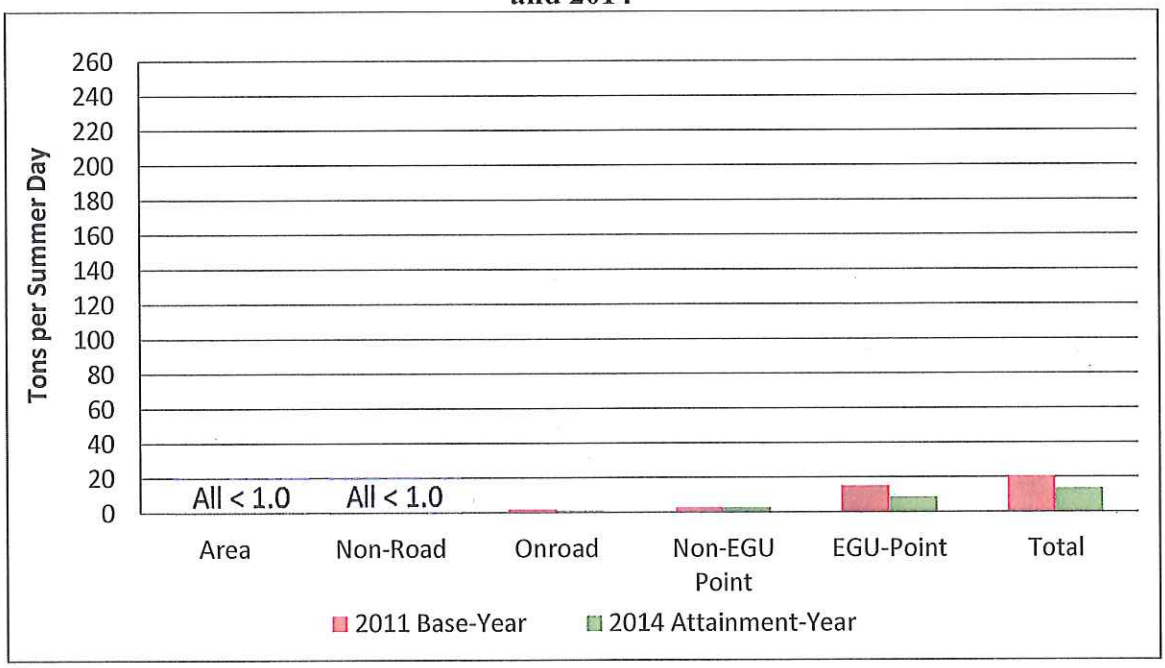
NO_x Emissions, All Sources, Dearborn County, Indiana, 2011 and 2014



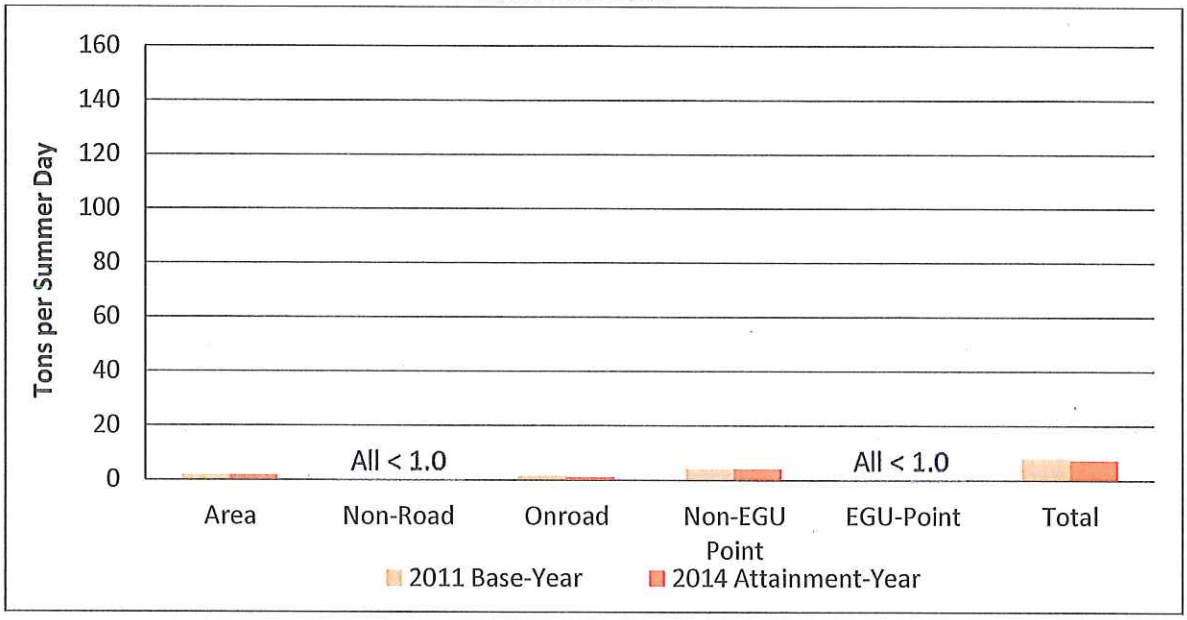
VOC Emissions, All Sources, Dearborn County, Indiana, 2011 and 2014



NO_x Emissions by Category and Year, All Sources, Dearborn County, Indiana, 2011 and 2014



VOC Emissions by Category and Year, All Sources, Dearborn County, Indiana, 2011 and 2014

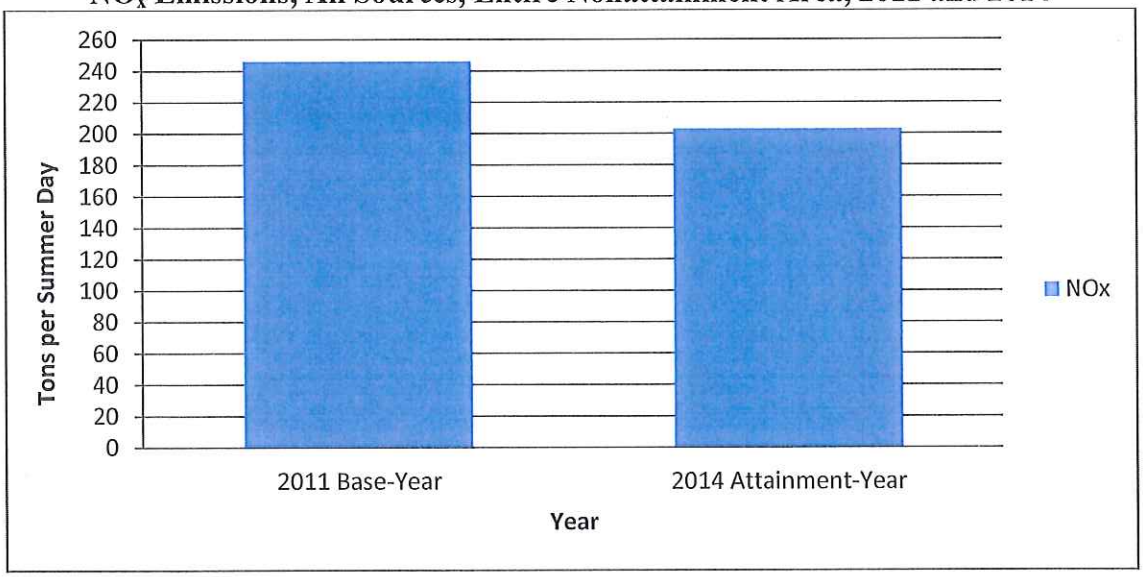


Cincinnati Area Emission Totals, All Sources (Tons per Summer Day)		
Year	NO_x	VOC
2011	245.99	159.45
2014	203.10	139.26

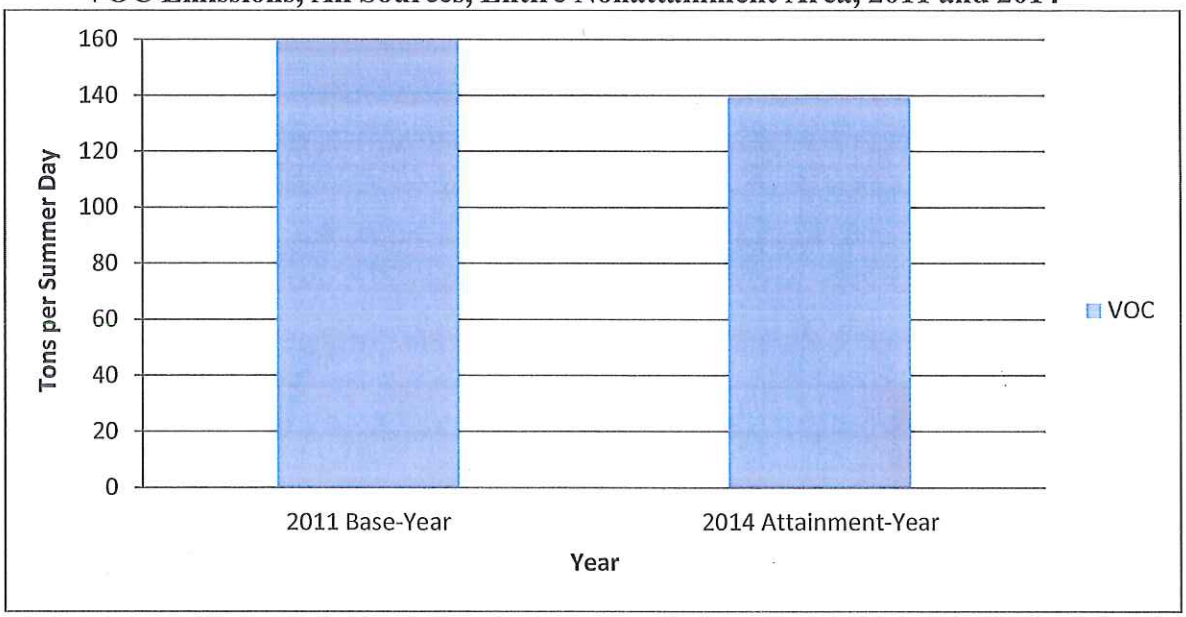
2011- Cincinnati Area Emission Totals, All Sources (Tons per Summer Day)						
	Area	Nonroad	Onroad	Non-EGU Point	EGU-Point	Total
NO_x	22.17	23.96	89.63	25.42	84.81	245.99
VOC	58.44	20.14	65.83	13.92	1.12	159.45

2014 Cincinnati Area Emission Totals, All Sources (Tons per Summer Day)						
	Area	Nonroad	Onroad	Non-EGU Point	EGU-Point	Total
NO_x	22.16	19.20	66.44	25.46	69.83	203.10
VOC	57.68	17.77	49.00	13.82	0.99	139.26

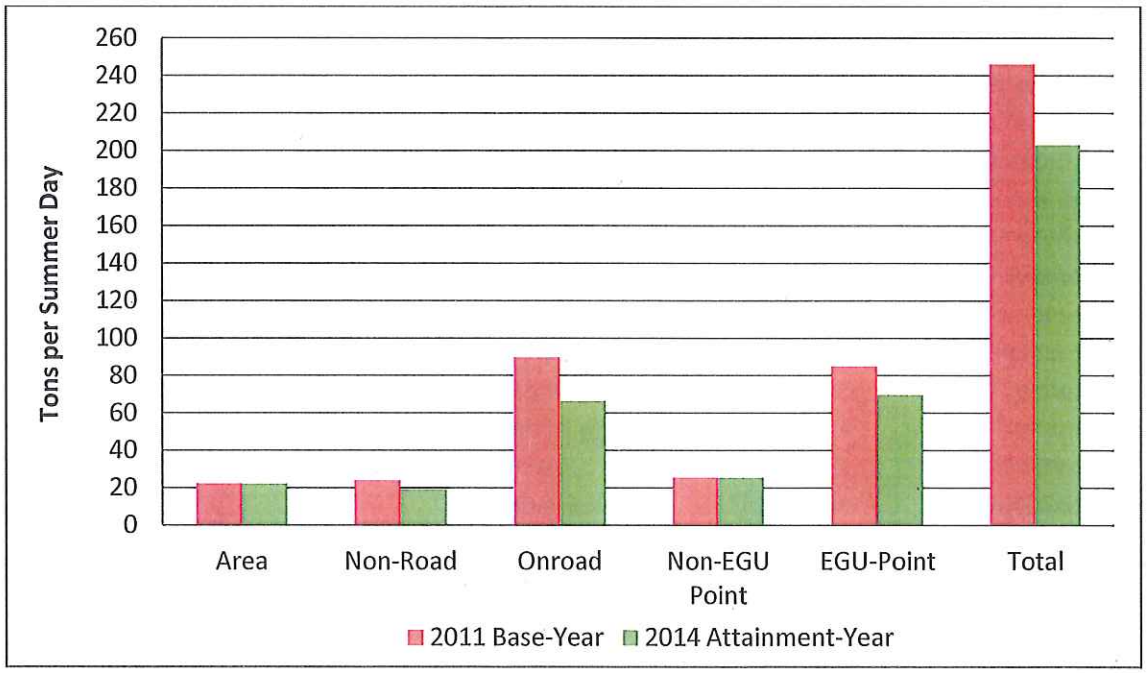
NO_x Emissions, All Sources, Entire Nonattainment Area, 2011 and 2014



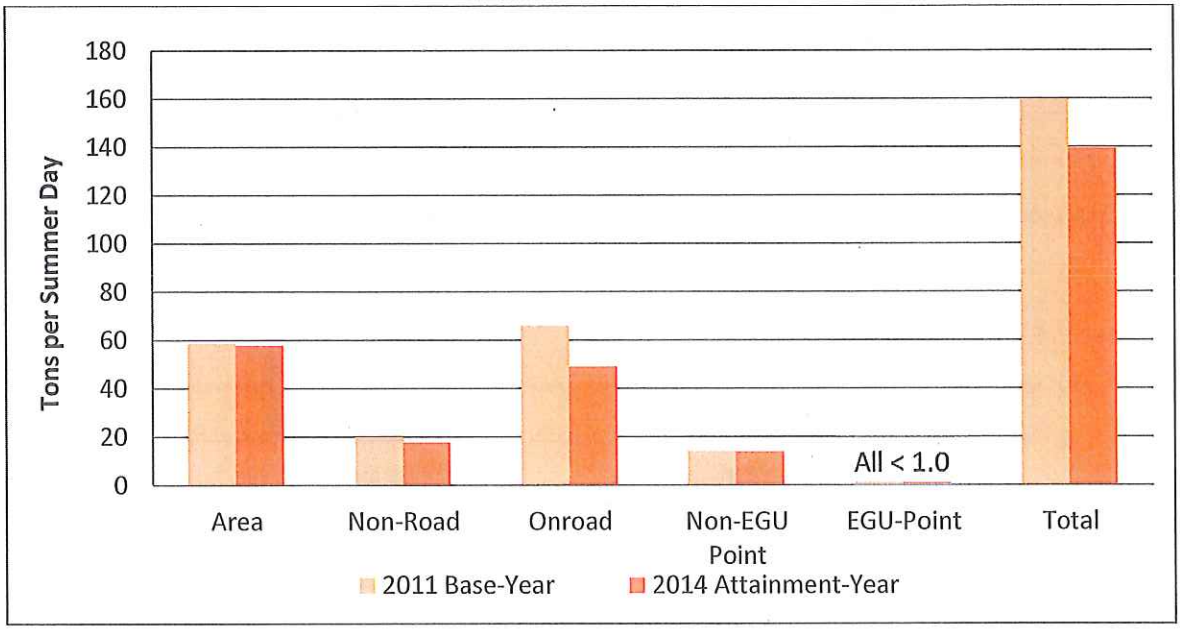
VOC Emissions, All Sources, Entire Nonattainment Area, 2011 and 2014



NO_x Emissions by Category and Year, All Sources, Entire Nonattainment Area, 2011 and 2014



VOC Emissions by Category and Year, All Sources, Entire Nonattainment Area, 2011 and 2014



2011 Cincinnati Area Emission Totals, All Sources (Tons per Summer Day)				
State	**County**	**Sector**	**NO_x**	**VOC**
Indiana	Dearborn	Area	0.47	1.75
Indiana	Dearborn	Nonroad	0.53	0.42
Indiana	Dearborn	Onroad	1.89	1.33
Indiana	Dearborn	EGU-Point	15.08	0.27
Indiana	Dearborn	Non-EGU-Point	2.71	4.01
Kentucky	Boone	Area	0.76	4.66
Kentucky	Boone	Nonroad	1.85	2.61
Kentucky	Boone	Onroad	7.75	3.68
Kentucky	Boone	EGU-Point	7.48	0.29
Kentucky	Boone	Non-EGU-Point	2.23	2.48
Kentucky	Campbell	Area	0.87	2.31
Kentucky	Campbell	Nonroad	0.67	0.70
Kentucky	Campbell	Onroad	4.83	2.29
Kentucky	Campbell	EGU-Point	0.00	0.00
Kentucky	Campbell	Non-EGU-Point	0.23	0.44
Kentucky	Kenton	Area	1.88	4.64
Kentucky	Kenton	Nonroad	1.42	1.14
Kentucky	Kenton	Onroad	7.34	3.48
Kentucky	Kenton	EGU-Point	0.00	0.00
Kentucky	Kenton	Non-EGU-Point	0.40	0.63
Ohio	Butler	Area	4.78	9.59
Ohio	Butler	Nonroad	4.27	2.93
Ohio	Butler	Onroad	12.24	10.21
Ohio	Butler	EGU-Point	1.12	0.03

2011 Cincinnati Area Emission Totals, All Sources (Tons per Summer Day)				
State	**County**	**Sector**	**NO_x**	**VOC**
Ohio	Butler	Non-EGU-Point	9.57	3.09
Ohio	Clermont	Area	1.14	5.41
Ohio	Clermont	Nonroad	2.27	1.95
Ohio	Clermont	Onroad	7.52	6.27
Ohio	Clermont	EGU-Point	43.41	0.28
Ohio	Clermont	Non-EGU-Point	0.14	0.22
Ohio	Clinton	Area	0.52	2.49
Ohio	Clinton	Nonroad	1.15	0.84
Ohio	Clinton	Onroad	4.53	2.27
Ohio	Clinton	EGU-Point	0.00	0.00
Ohio	Clinton	Non-EGU-Point	0.00	0.01
Ohio	Hamilton	Area	10.09	21.88
Ohio	Hamilton	Nonroad	8.56	7.44
Ohio	Hamilton	Onroad	33.69	28.09
Ohio	Hamilton	EGU-Point	17.72	0.26
Ohio	Hamilton	Non-EGU-Point	8.59	2.40
Ohio	Warren	Area	1.66	5.71
Ohio	Warren	Nonroad	3.24	2.12
Ohio	Warren	Onroad	9.84	8.21
Ohio	Warren	EGU-Point	0.00	0.00
Ohio	Warren	Non-EGU-Point	1.55	0.63

2014 Cincinnati Area Totals, All Sources (Tons per Summer Day)				
State	**County**	**Sector**	**NO_x**	**VOC**
Indiana	Dearborn	Area	0.47	1.75
Indiana	Dearborn	Nonroad	0.44	0.36
Indiana	Dearborn	Onroad	1.37	0.99
Indiana	Dearborn	EGU-Point	8.73	0.18
Indiana	Dearborn	Non-EGU-Point	2.71	4.01
Kentucky	Boone	Area	0.76	4.48
Kentucky	Boone	Nonroad	1.54	2.28
Kentucky	Boone	Onroad	6.14	2.82
Kentucky	Boone	EGU-Point	7.73	0.28
Kentucky	Boone	Non-EGU-Point	2.26	2.45
Kentucky	Campbell	Area	0.87	2.25
Kentucky	Campbell	Nonroad	0.57	0.60
Kentucky	Campbell	Onroad	3.83	1.76
Kentucky	Campbell	EGU-Point	0.00	0.00
Kentucky	Campbell	Non-EGU-Point	0.23	0.44
Kentucky	Kenton	Area	1.88	4.50
Kentucky	Kenton	Nonroad	1.18	1.01
Kentucky	Kenton	Onroad	5.81	2.67
Kentucky	Kenton	EGU-Point	0.00	0.00
Kentucky	Kenton	Non-EGU-Point	0.40	0.63
Ohio	Butler	Area	4.78	9.51
Ohio	Butler	Nonroad	3.39	2.61
Ohio	Butler	Onroad	8.85	7.59
Ohio	Butler	EGU-Point	0.73	0.02
Ohio	Butler	Non-EGU-Point	9.58	3.05
Ohio	Clermont	Area	1.14	5.36
Ohio	Clermont	Nonroad	1.81	1.73
Ohio	Clermont	Onroad	5.44	4.66
Ohio	Clermont	EGU-Point	38.17	0.28
Ohio	Clermont	Non-EGU-Point	0.14	0.22
Ohio	Clinton	Area	0.52	2.51
Ohio	Clinton	Nonroad	0.96	0.71
Ohio	Clinton	Onroad	3.51	1.53
Ohio	Clinton	EGU-Point	0.00	0.00
Ohio	Clinton	Non-EGU-Point	0.00	0.01
Ohio	Hamilton	Area	10.08	21.66
Ohio	Hamilton	Nonroad	6.76	6.54
Ohio	Hamilton	Onroad	24.37	20.88
Ohio	Hamilton	EGU-Point	14.47	0.23
Ohio	Hamilton	Non-EGU-Point	8.59	2.39
Ohio	Warren	Area	1.66	5.66
Ohio	Warren	Nonroad	2.55	1.93
Ohio	Warren	Onroad	7.12	6.10

2014 Cincinnati Area Totals, All Sources (Tons per Summer Day)				
State	**County**	**Sector**	**NO_x**	**VOC**
Ohio	Warren	EGU-Point	0.00	0.00
Ohio	Warren	Non-EGU-Point	1.55	0.63