APPENDIX B

Historical Nitrogen Oxides (NO_x), Sulfur Dioxides (SO_2) and Direct Fine Particulate Matter ($PM_{2.5}$) Point Source Emissions (2005 and 2008) in the 1997 Annual $PM_{2.5}$ Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area

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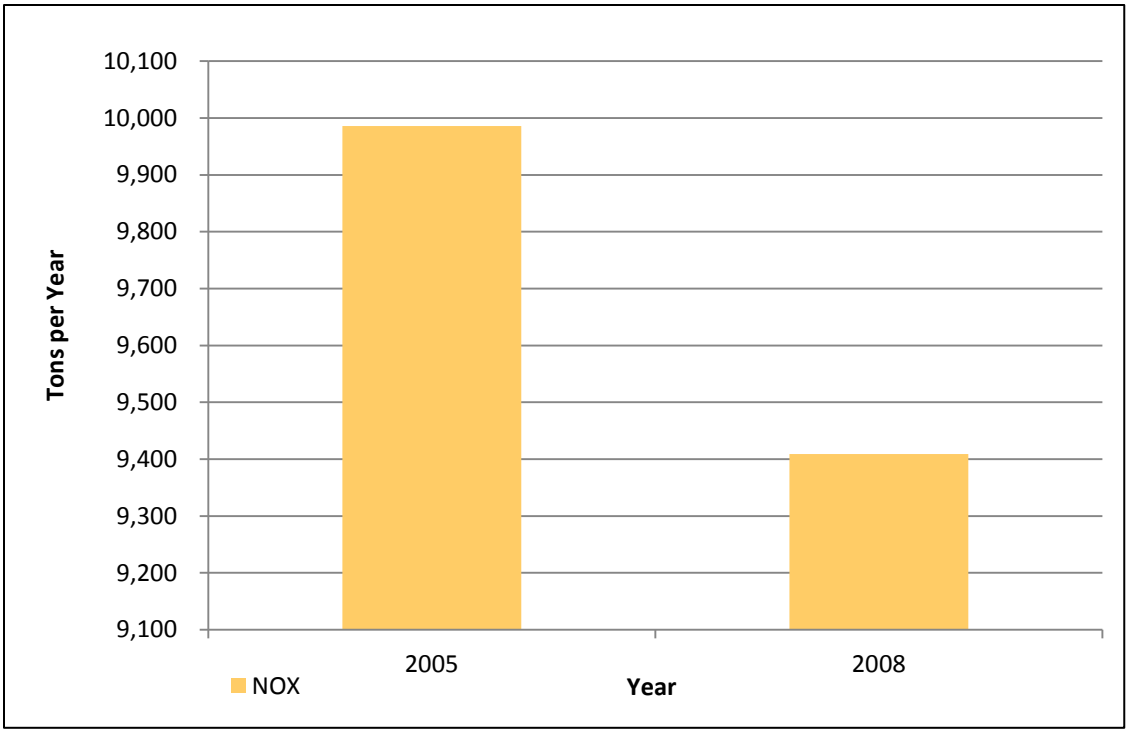
Dearborn County, IN, Point Source Totals (Tons per Year)			
Year	**NO_x**	**SO_2**	**Direct $PM_{2.5}$**
2005	9,985.98	47,864.85	741.32
2008	9,409.03	27,063.43	866.20

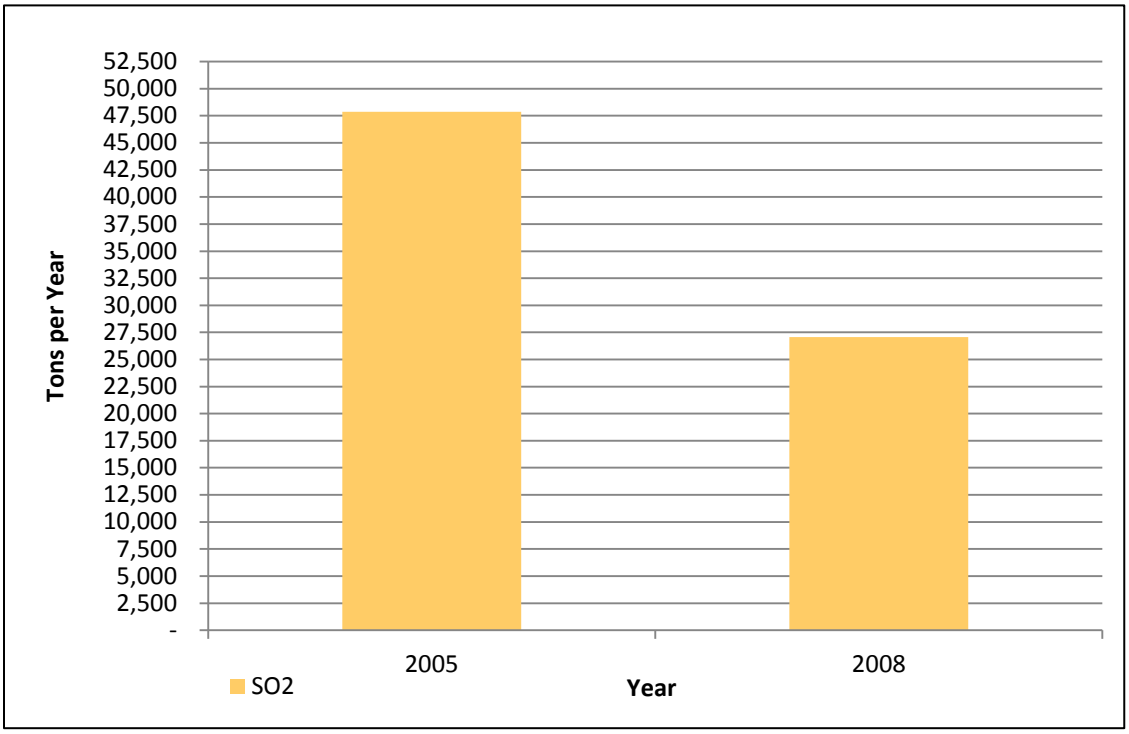
2005-Dearborn County, IN, Point Source Emissions (Tons per Year)						
County	**EGU- NO_x**	**NON-EGU-NO_x**	**EGU-SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Dearborn, IN	7,961.30	2,024.68	46,533.70	1,331.15	673.94	67.38
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**9,985.98**		**47,864.85**		**741.32**	

2008-Dearborn County, IN, Point Source Emissions (Tons per Year)						
County	**EGU- NO_x**	**NON-EGU-NO_x**	**EGU-SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Dearborn, IN	7,429.20	1,979.83	25,729.10	1,334.33	804.18	62.02
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**9,409.03**		**27,063.43**		**866.20**	

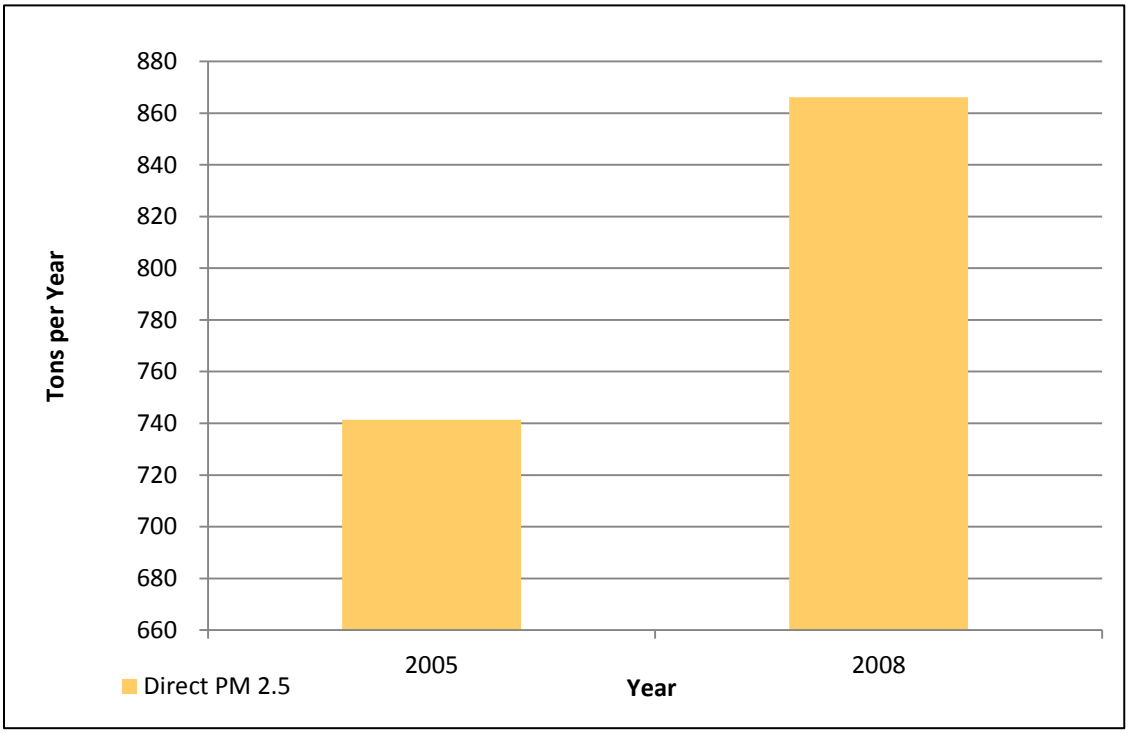
Dearborn County, IN, NO_x Point Source Emission Trends, 2005 and 2008



Dearborn County, IN, SO_2 Point Source Emission Trends, 2005 and 2008



Dearborn County, IN, Direct $PM_{2.5}$ Point Source Emission Trends, 2005 and 2008

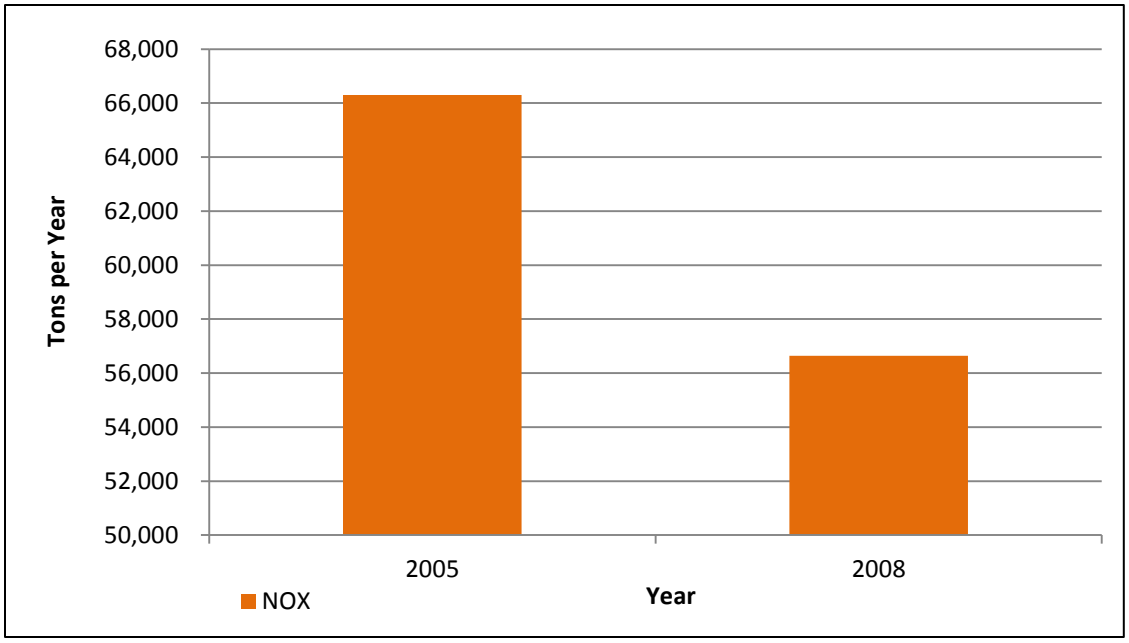


Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area Point Source Totals (Tons per Year)			
Year	**NO_x**	**SO_2**	**Direct $PM_{2.5}$**
2005	66,302.14	233,927.65	3,415.69
2008	56,644.39	111,818.09	3,091.67

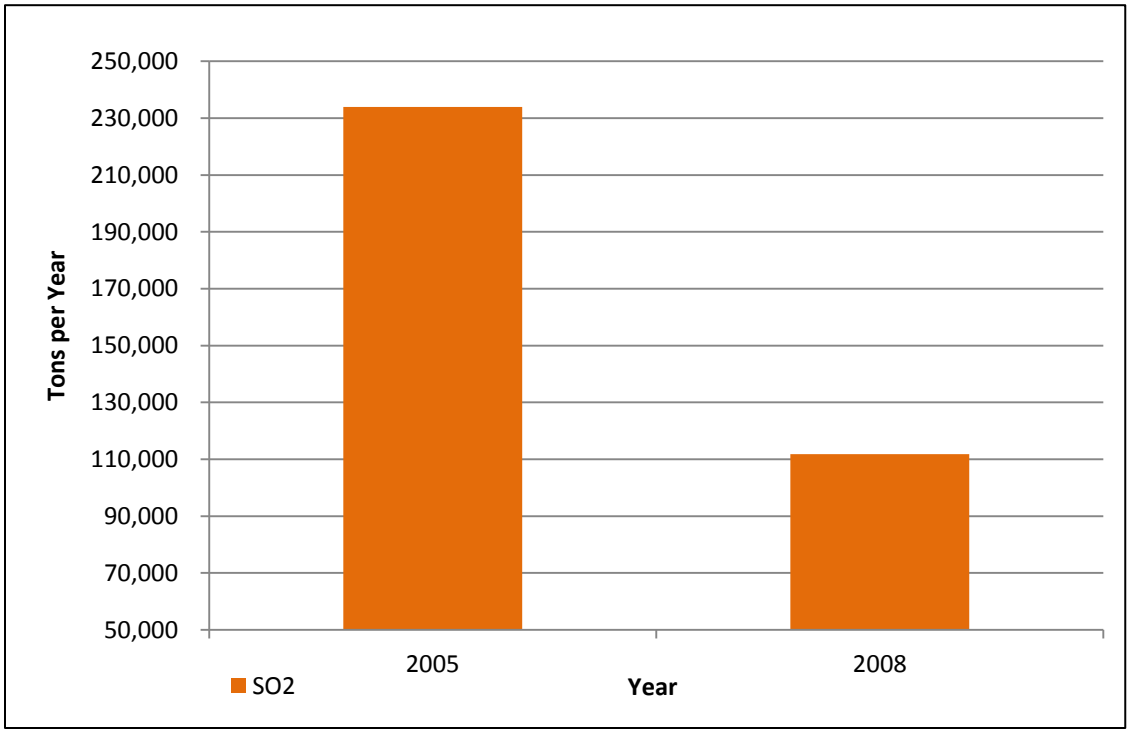
2005-Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area Point Source Emissions (Tons per Year)						
County	**EGU NO_x**	**NON-EGU-NO_x**	**EGU SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Dearborn County, IN	7,961.30	2,024.68	46,533.70	1,331.15	673.94	67.38
Boone County, KY	3,926.27	58.03	3,644.98	16.82	76.85	58.77
Campbell County, KY	0.00	53.68	0.00	0.97	0.00	84.25
Kenton County, KY	0.00	19.50	0.00	12.91	0.00	9.53
Butler County, OH	743.27	4,367.15	1,959.10	6,185.26	15.27	944.29
Clermont County, OH	28,063.56	67.50	88,876.65	162.19	648.21	7.93
Hamilton County, OH	15,236.04	2,756.21	77,381.13	7,819.40	648.64	161.88
Warren County, OH	0.00	1,024.95	0.00	3.39	0.00	18.75
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**66,302.14**		**233,927.65**		**3,415.69**	

2008-Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area Point Source Emissions (Tons per Year)						
County	**EGU NO_x**	**NON-EGU-NO_x**	**EGU SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Dearborn County, IN	7,429.20	1,979.83	25,729.10	1,334.33	804.18	62.02
Boone County, KY	1,962.59	61.66	2,812.16	17.97	76.70	68.81
Campbell County, KY	0.00	49.52	0.00	0.96	0.00	89.52
Kenton County, KY	0.00	20.44	0.00	13.89	0.00	11.11
Butler County, OH	856.92	3,940.28	2,181.63	5,442.54	16.78	1,045.15
Clermont County, OH	24,233.18	42.71	42,918.28	118.05	532.61	3.86
Hamilton County, OH	12,372.00	2,652.79	24,693.00	6,552.65	202.88	158.14
Warren County, OH	0.00	1,043.27	0.00	3.53	0.00	19.91
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**56,644.39**		**111,818.09**		**3,091.67**	

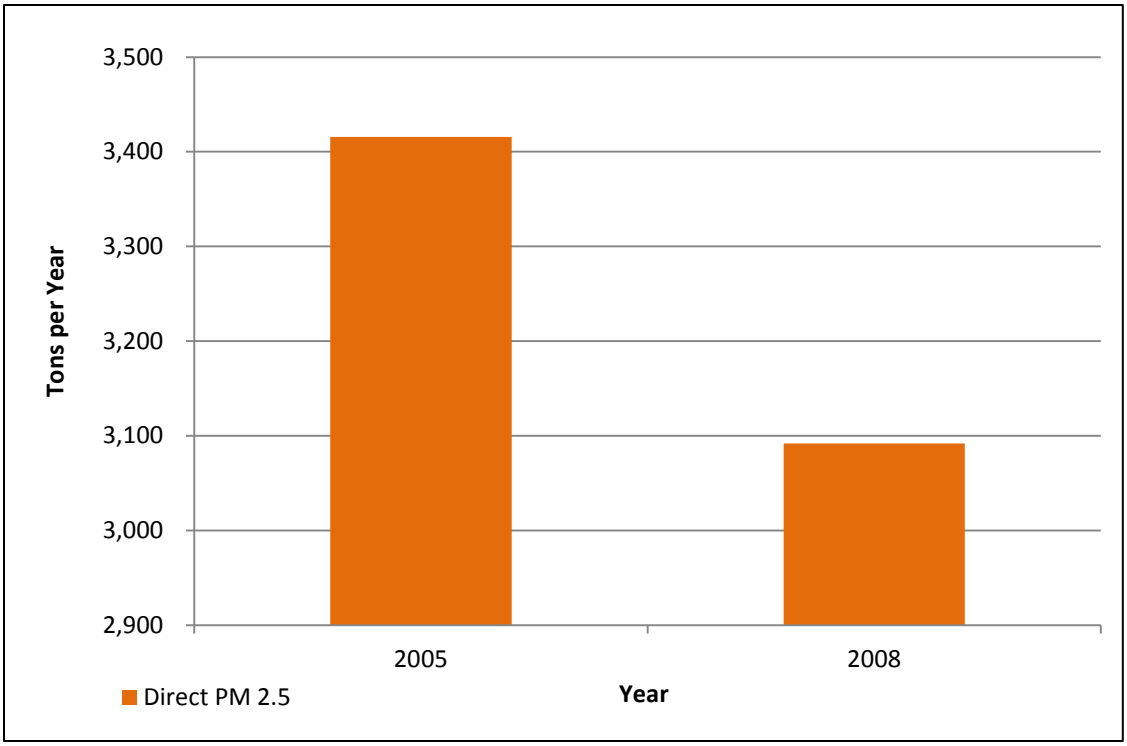
Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area NO_x Point Source Emission Trends, 2005 and 2008



Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area SO_2 Point Source Emission Trends, 2005 and 2008



Entire Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area Direct $PM_{2.5}$ Point Source Emission Trends, 2005 and 2008



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