

APPENDIX A

**Air Quality System (AQS) and Indiana
Department of Environmental Management
(IDEM) Monitor Data Values for the Central
Indiana Area (2000-2010)**

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Monitoring Data for Central Indiana Area					
SITE ID	COUNTY	SITE NAME	YEAR	Annual Average $\mu\text{g}/\text{m}^3$	2008-2010 Average $\mu\text{g}/\text{m}^3$
180970078	Marion	Indianapolis-Washington Park	2008	13.02	12.7
			2009	12.11	
			2010	12.86	
180970081	Marion	Indianapolis-W. 18 th Street	2008	13.75	13.6
			2009	12.96	
			2010	14.03	
180970083	Marion	Indianapolis-E. Michigan Street	2008	13.17	13.2
			2009	12.40	
			2010	13.91	

Site ID	County	Site Name	Yearly Annual Means										
			2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
180970042	Marion	Indianapolis-Mann Road	15.19	14.78	15.22	14.53	12.92	16.10	12.49	14.57	Monitor Discontinued		
180970043	Marion	Indianapolis-West Street	18.44	17.69	17.02	17.23	15.68	19.10	15.50	17.29	15.06	13.69	15.15
180970066	Marion	Indianapolis-English Avenue	18.90	18.63	18.35	17.46	16.68	19.35	15.22	17.08	13.23	Monitor Discontinued	
180970066/84	Marion	Indianapolis-Combined (English Avenue & School 21)										12.64	
180970084	Marion	Indianapolis-School 21	Monitor began February 16, 2009									11.92	13.80
180970078	Marion	Indianapolis-Washington Park	17.75	16.58	16.55	15.45	14.31	16.39	14.14	15.66	13.02	12.11	12.86
180970079	Marion	Indianapolis-E. 75 th Street	16.36	16.25	15.68	14.67	13.44	16.88	12.75	14.76	Monitor Discontinued		
180970081	Marion	Indianapolis-W. 18 th Street	16.78	17.14	14.24	16.21	14.96	18.06	14.12	16.07	13.75	12.96	14.03
180970083	Marion	Indianapolis-E. Michigan Street	17.00	17.09	16.72	16.32	14.97	17.54	14.15	15.93	13.17	12.40	13.91
Source oriented monitor NOT compared to the Annual $\text{PM}_{2.5}$ Standard													

Red Text Indicates Incomplete Data

The Indianapolis-Mann Road and E. 75th Street monitors were discontinued December 31, 2007.

The Indianapolis-West Street monitor is a source oriented monitor and is not compared to the Annual $\text{PM}_{2.5}$ Standard.

The Indianapolis-English Avenue and Indianapolis School 21 monitors are source oriented monitors and are not compared to the Annual $\text{PM}_{2.5}$ Standard. The Indianapolis-English Avenue monitor was replaced by the Indianapolis-School 21 monitor in 2009. Data for 2009 as well as the 2007-2009 and 2008-2010 design values have been combined. The Indianapolis-School 21 monitor began operation on February 16, 2009.

Site ID	County	Site Name	Three Year Design Values									
			00-02	01-03	02-04	03-05	04-06	05-07	06-08	07-09	08-10	
180970042	Marion	Indianapolis-Mann Road	15.1	14.8	14.2	14.5	13.8	14.4	Monitor Discontinued			
180970043	Marion	Indianapolis-West Street	17.7	17.3	16.6	17.3	16.8	17.3	16.0	15.3	14.6	
180970066	Marion	Indianapolis-English Avenue	18.6	18.1	17.5	17.8	17.1	17.2	15.2	15.8	Monitor Discontinued	
180970066/84	Marion	Indianapolis-Combined (English Avenue & School 21)								14.3	13.2	
180970084	Marion	Indianapolis-School 21	Monitor began February 16, 2009							11.9	12.9	
180970078	Marion	Indianapolis-Washington Park	17.0	16.2	15.4	15.4	15.0	15.4	14.3	13.6	12.7	
180970079	Marion	Indianapolis-E. 75 th Street	16.1	15.5	14.6	15.0	14.4	14.8	Monitor Discontinued			
180970081	Marion	Indianapolis-W. 18 th Street	16.1	15.9	15.1	16.4	15.7	16.1	14.6	14.3	13.6	
180970083	Marion	Indianapolis-E. Michigan Street	16.9	16.7	16.0	16.3	15.6	15.9	14.4	13.8	13.2	
			Value above the Annual PM _{2.5} standard.									
			Source oriented monitor NOT compared to the Annual PM _{2.5} Standard									

Blue Text Indicates Design Value Based on One Year of Data

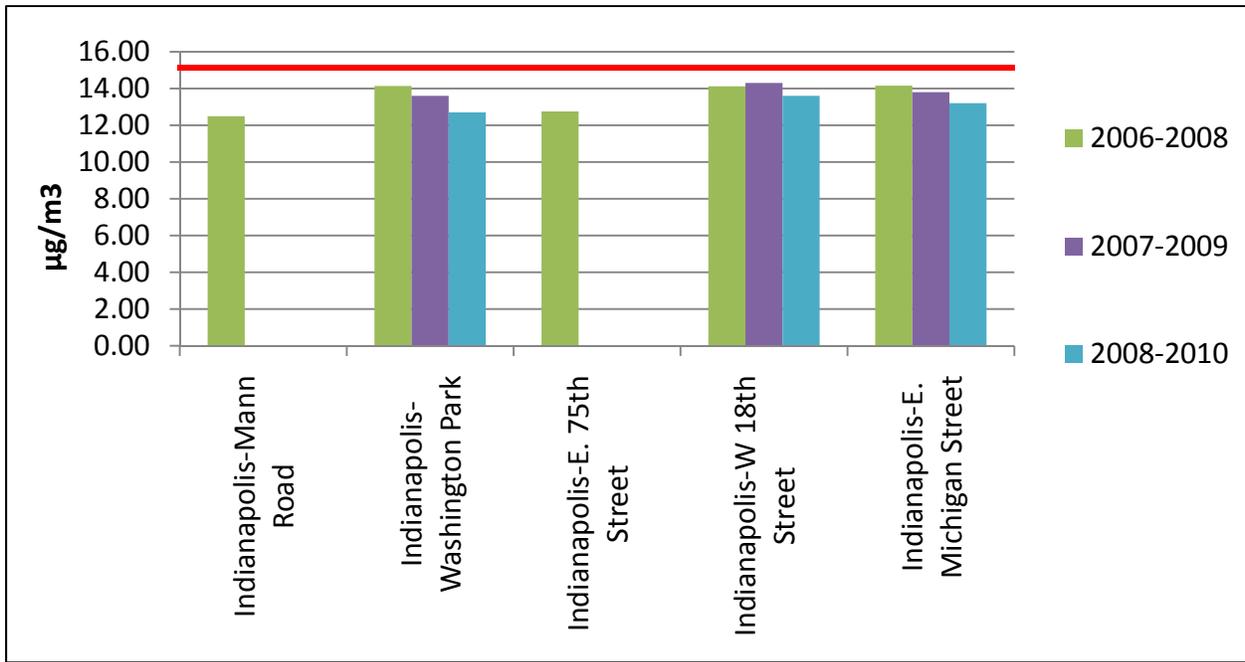
Green Text Indicates Design Value Based on Two Years of Data

The Indianapolis-Mann Road and E. 75th Street monitors were discontinued December 31, 2007.

The Indianapolis-West Street monitor is a source oriented monitor and is not compared to the Annual PM_{2.5} Standard.

The Indianapolis-English Avenue and Indianapolis School 21 monitors are source oriented monitors and are not compared to the Annual PM_{2.5} Standard. The Indianapolis-English Avenue monitor was replaced by the Indianapolis-School 21 monitor in 2009. Data for 2009 as well as the 2007-2009 and 2008-2010 design values have been combined. The Indianapolis-School 21 monitor began operation on February 16, 2009.

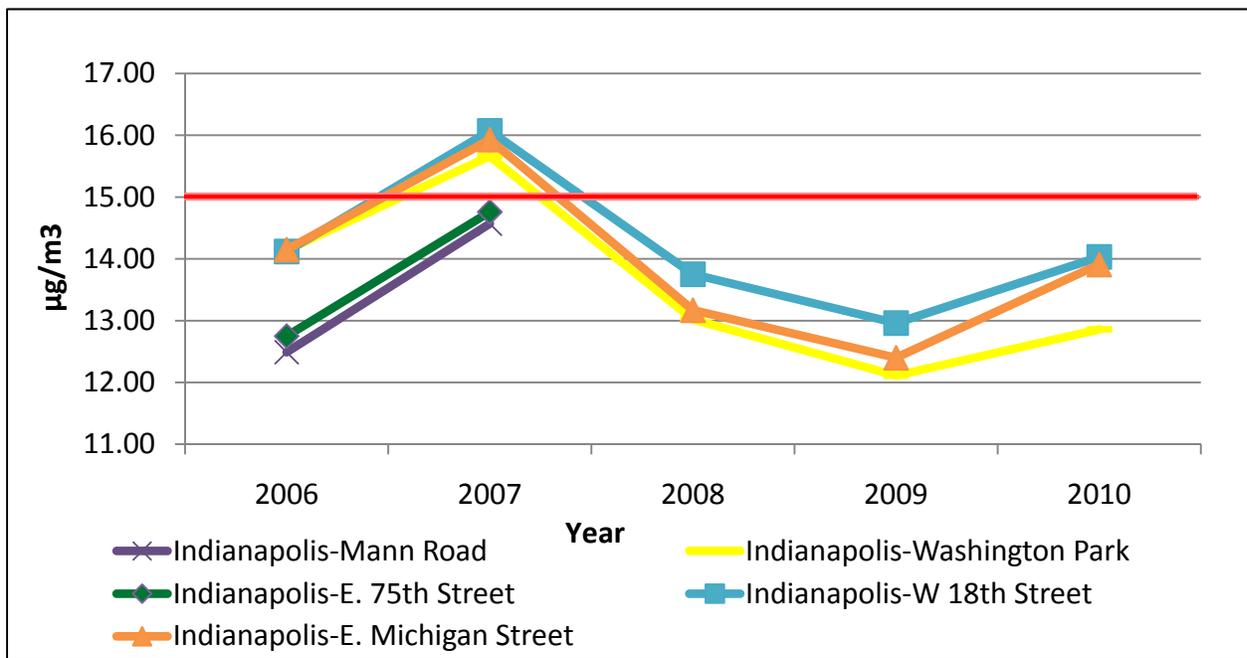
Design Values for the Central Indiana Area for Fine Particles, 2006-2010



Red line represents the annual standard for fine particles of 15 µg/m³

Note: The Indianapolis Mann Road and E. 75th Street monitors were discontinued December 31, 2007.

Central Indiana Annual Fine Particles Trends, 2006-2010



Red line represents the annual standard for fine particles of 15 µg/m³

Note: The Indianapolis Mann Road and E. 75th Street monitors were discontinued December 31, 2007.