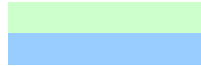


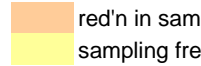
Data Completeness and Quarterly Averages of Fine Particulate Material in Michigan

Guideline on Data Handling Conventions for the PM NAAQS, p 4 "If you're doing an intermediate calculation, such as quarterly average PM10 value from the 24-hour values, keep all digits on your calculator."

updated 5/31/2018



shaded cell indicates sampling frequency changed to 1:6
shaded cell indicates sampling frequency changed to 1:3 from 1:1



red'n in sampling frequency from 1:6 to 1:12
sampling frequency increased to daily - +/- 5% NAAQS or special study

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
260050003	Holland	1	2010	30	30	100	9.23	30	29	97	6.96	31	31	100	8.98	31	31	100	8.84	8.50	8.9
260050003	Holland	1	2011	30	29	97	10.20	30	26	87	7.33	31	29	94	8.54	30	30	100	7.69	8.44	8.5
260050003	Holland	1	2012	31	31	100	8.91	30	30	100	7.13	31	30	97	8.52	30	30	100	9.50	8.52	8.5
260050003	Holland	1	2013	30	28	93	7.31	31	30	97	7.86	30	30	100	9.31	31	31	100	6.79	7.82	8.3
260050003	Holland	1	2014	30	27	90	11.39	30	29	97	7.79	31	31	100	8.70	31	31	100	6.84	8.68	8.3
260050003	Holland	1	2015	30	30	100	10.02	30	27	90	6.61	31	29	94	8.44	30	30	100	6.42	7.87	8.1
260050003	Holland	1	2016	31	31	100	8.33	30	30	100	6.67	31	31	100	5.94	30	27	90	7.00	6.99	7.8
260050003	Holland	1	2017	30	28	93	8.97	31	31	100	5.62	30	30	100	8.73	31	29	94	6.65	7.49	7.4
260050003	Holland	1	2018	30	31	103	6.84	30		0		31		0		31		0	6.84	7.1	
260170014	Bay City	1	2010	30	29	97	9.76	30	30	100	5.97	31	31	100	8.59	31	31	100	8.30	8.16	8.4
260170014	Bay City	1	2011	30	28	93	10.32	30	29	97	5.91	31	31	100	7.86	30	30	100	6.58	7.67	8.2
260170014	Bay City	1	2012	31	30	97	8.44	30	28	93	6.64	31	31	100	7.30	31	29	94	8.50	7.72	7.9
260170014	Bay City	1	2013	30	30	100	7.40	31	30	97	7.15	30	30	100	8.32	31	24	77	6.99	7.47	7.6
260170014	Bay City	1	2014	30	28	93	10.16	30	30	100	6.62	31	30	97	8.28	31	31	100	7.61	8.17	7.8
260170014	Bay City	1	2015	30	30	100	9.99	30	29	97	5.93	31	31	100	7.52	30	30	100	7.49	7.73	7.8
260170014	Bay City	1	2016	31	31	100	8.12	30	30	100	6.04	31	30	97	5.88	30	30	100	7.29	6.84	7.6
260170014	Bay City	1	2017	30	30	100	7.99	31	29	94	4.84	30	30	100	7.17	31	31	100	7.01	6.75	7.1
260170014	Bay City	1	2018	30	30	100	7.27	30		0		31		0		31		0	7.27	7.0	
260210014	Coloma	1	2010	30	30	100	8.50	30	30	100	7.36	31	31	100	9.35	31	31	100	9.74	8.74	9.2
260210014	Coloma	1	2011	30	30	100	9.83	30	29	97	7.72	31	30	97	9.36	30	30	100	7.91	8.71	9.1
260210014	Coloma	1	2012	31	31	100	8.91	30	29	97	7.12	31	29	94	9.38	31	30	97	9.40	8.70	8.8
260210014	Coloma	1	2013	30	30	100	7.78	31	31	100	8.34	30	29	97	9.00	31	30	97	6.74	7.97	8.5
260210014	Coloma	1	2014	30	28	93	9.31	30	30	100	8.09	31	31	100	8.81	31	28	90	7.73	8.49	8.4
260210014	Coloma	1	2015	30	30	100	9.85	30	28	93	7.05	31	30	97	9.07	30	30	100	6.59	8.49	8.3
260210014	Coloma	1	2016	31	30	97	8.12	30	30	100	7.06	31	31	100	6.71	30	30	100	7.52	7.35	8.1
260210014	Coloma	1	2017	30	30	100	8.89	31	30	97	5.52	30	30	100	11.01	31	30	97	6.54	7.99	7.9
260330901	SS Marie	1	2011	---	---	---	---	---	---	---	---	---	---	---	30	28	93	5.80			
260330901	SS Marie	1	2012	31	29	94	6.77	30	29	97	5.94	31	25	81	6.72	30	30	100	5.73	6.29	
260330901	SS Marie	1	2013	30	24	80	4.58	31	28	90	6.25	30	18	60	8.66	31	26	84	4.64	6.03	
260330901	SS Marie	1	2014	30	25	83	6.78	30	24	80	6.02	31	27	87	7.12	31	29	94	4.98	6.64	6.3
260330901	SS Marie	1	2015	30	13	43	6.06	30	21	70	5.23	31	25	81	7.10	30	13	43	4.76	5.79	6.2
260330901	SS Marie	1	2016	31	0	0		30	21	70	5.39	31	28	90	4.96	30	29	97	4.62	5.04	5.8
260330901	SS Marie	1	2017	30	28	93	6.10	Shutdown 3/31/2017											6.10	5.6	
260330901	SS Marie	2	2011	---	---	---	---	---	---	---	---	---	---	---	15	6	40	7.48			
260330901	SS Marie	2	2012	15	5	33	6.84	15	11	73	5.49	16	5	31	8.14	15	15	100	5.01	6.37	
260330901	SS Marie	2	2013	15	15	100	4.53	15	13	87	6.75	15	14	93	8.12	16	15	94	5.43	6.21	
260330901	SS Marie	2	2014	15	14	93	5.97	15	14	93	4.95	15	15	100	7.13	16	14	88	4.62	5.67	6.1
260330901	SS Marie	2	2015	15	10	67	6.63	15	9	60	4.66	15	13	87	8.55	15	20	133	4.85	5.67	5.8

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
260330901	SS Marie	2	2016	16	11	69	4.90	15	8	53	5.43	15	14	93	5.26	15	14	93	4.53	5.03	5.5
260330901	SS Marie	2	2017	15	12	80	5.88	Shutdown 3/31/2017												5.88	5.5
260490021	Flint	1	2010	30	28	93	9.70	30	32	107	7.07	31	31	100	9.77	31	31	100	8.97	8.88	9.1
260490021	Flint	1	2011	30	29	97	10.49	30	29	97	6.71	31	31	100	9.12	30	30	100	7.48	8.45	8.7
260490021	Flint	1	2012	31	29	94	8.56	30	30	100	7.00	31	31	100	8.06	30	30	100	8.30	7.98	8.4
260490021	Flint	1	2013	30	25	83	6.58	31	31	100	7.79	30	30	100	8.86	31	30	97	6.52	7.44	8.0
260490021	Flint	1	2014	30	29	97	10.70	30	30	100	7.19	31	31	100	9.91	31	30	97	7.88	8.92	8.1
260490021	Flint	1	2015	30	28	93	10.42	30	30	100	6.76	31	30	97	8.38	30	30	100	7.04	8.15	8.2
260490021	Flint	1	2016	31	30	97	8.77	30	29	97	6.19	31	30	97	6.27	30	30	100	7.48	7.18	8.1
260490021	Flint	1	2017	30	30	100	8.55	31	31	100	5.22	30	30	100	7.45	31	31	100	7.18	7.10	7.5
260490021	Flint	1	2018	30	29	97	7.44	30		0		31		0		31		0		7.44	7.2
260650012	Lansing	1	2010	30	29	97	9.29	30	30	100	6.63	31	24	77	11.10	31	29	94	8.88	8.98	9.3
260650012	Lansing	1	2011	30	29	97	10.44	30	30	100	7.79	31	30	97	8.67	30	27	90	7.71	8.65	8.9
260650012	Lansing	1	2012	31	29	94	9.41	30	29	97	7.19	31	31	100	8.38	30	30	100	9.61	8.65	8.8
260650012	Lansing	1	2013	30	27	90	7.46	31	31	100	7.42	30	29	97	8.85	31	26	84	6.57	7.58	8.3
260650012	Lansing	1	2014	30	25	83	12.79	30	30	100	7.63	31	30	97	9.24	31	31	100	7.85	9.38	8.5
260650012	Lansing	1	2015	30	30	100	10.71	30	30	100	7.93	31	29	94	8.21	30	28	93	7.38	8.56	8.5
260650012	Lansing	1	2016	31	28	90	8.73	30	30	100	6.37	31	30	97	6.28	30	30	100	7.83	7.31	8.4
260650012	Lansing	1	2017	30	30	100	9.11	31	31	100	5.33	30	28	93	7.31	31	30	97	7.16	7.23	7.7
260650012	Lansing	1	2018	30	30	100	7.56	30		0		31		0		31		0		7.56	7.4
260770008	Kalamazoo	1	2010	30	27	90	9.53	30	30	100	7.27	31	30	97	10.02	31	30	97	10.42	9.31	10.2
260770008	Kalamazoo	1	2011	30	28	93	10.79	30	29	97	7.57	31	31	100	9.50	30	30	100	8.20	9.02	9.4
260770008	Kalamazoo	1	2012	31	31	100	10.44	30	30	100	7.45	31	31	100	9.36	30	30	100	10.82	9.52	9.3
260770008	Kalamazoo	1	2013	30	27	90	8.41	31	29	94	7.86	30	26	87	8.82	31	29	94	7.98	8.27	8.9
260770008	Kalamazoo	1	2014	30	29	97	12.08	30	29	97	8.30	31	30	97	9.81	31	30	97	8.37	9.64	9.1
260770008	Kalamazoo	1	2015	30	30	100	10.19	30	28	93	7.79	31	28	90	9.40	30	27	90	8.20	9.64	9.2
260770008	Kalamazoo	1	2016	31	30	97	9.20	30	26	87	7.23	31	30	97	7.12	30	30	100	8.79	8.09	9.1
260770008	Kalamazoo	1	2017	30	29	97	10.33	31	30	97	5.52	30	28	93	8.49	31	30	97	7.79	8.03	8.6
260770008	Kalamazoo	1	2018	30	24	80	9.06	30		0		31		0		31		0		9.06	8.4
260770008	Kalamazoo	2	2010	15	13	87	7.93	15	14	93	7.79	16	10	63	8.33	15	15	100	12.72	9.19	10.1
260770008	Kalamazoo	2	2011	15	14	93	9.70	15	14	93	7.38	16	16	100	9.90	15	15	100	8.42	8.85	9.3
260770008	Kalamazoo	2	2012	15	14	93	12.14	15	15	100	7.45	16	14	88	10.26	15	15	100	10.32	10.04	9.4
260770008	Kalamazoo	2	2013	15	14	93	9.42	15	13	87	9.03	15	13	87	10.37	16	16	100	6.30	8.78	9.2
260770008	Kalamazoo	2	2014	15	11	73	14.18	15	15	100	7.38	15	15	100	9.71	16	16	100	6.94	9.55	9.5
260770008	Kalamazoo	2	2015	15	15	100	11.06	15	15	100	8.54	15	14	93	10.59	15	15	100	7.14	9.33	9.2
260770008	Kalamazoo	2	2016	16	16	100	10.53	15	15	100	7.36	15	16	107	7.48	15	15	100	7.61	8.25	9.0
260770008	Kalamazoo	2	2017	15	15	100	10.42	16	16	100	5.09	15	14	93	8.96	15	15	100	8.96	8.36	8.6
260770008	Kalamazoo	2	2018	15	12	80	10.52	15		0		16		0		15		0		10.52	9.0
260810007	Wealthy	1	2010	30	29	97	9.67	30	28	93	7.76	31	28	90	10.58	31	30	97	10.51	9.63	10.2
260810007	Wealthy	1	2011	30	30	100	11.64	30	29	97	7.78	31	31	100	9.19	30	30	100	9.20	9.45	9.7
260810007	Wealthy	1	2012	31	31	100	10.69	30	30	100	7.96	31	31	100	9.28	30	30	100	10.64	9.64	9.6
260810007	Wealthy	1	2013	30	29	97	9.14	31	31	100	8.55	30	30	100	9.88	31	31	100	8.39	8.99	9.4
260810007	Wealthy	1	2014	30	23	77	12.90	30	30	100	8.41	31	30	97	9.97	31	30	97	8.36	9.91	9.5
260810007	Wealthy	1	2015	30	31	103	10.89	30	28	93	7.78	31	31	100	10.50	30	29	97	8.37	9.39	9.4
260810007	Wealthy	1	2016	31	31	100	10.04	30	30	100	7.70	31	30	97	8.62	30	30	100	8.80	8.79	9.4
260810007	Wealthy	1	2017	30	30	100	10.37	31	30	97	9.25	30	30	100	8.60	31	30	97	8.36	9.15	9.1

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
260810020	Grand Rapids	1	2010	30	30	100	11.19	30	30	100	7.44	31	31	100	9.87	31	30	97	9.97	9.62	9.9
260810020	Grand Rapids	1	2011	30	30	100	11.75	30	30	100	8.24	31	31	100	9.27	30	30	100	8.60	9.47	9.5
260810020	Grand Rapids	1	2012	31	31	100	10.36	30	30	100	7.73	31	31	100	8.91	30	29	97	10.26	9.32	9.5
260810020	Grand Rapids	1	2013	30	28	93	8.55	31	31	100	8.16	30	30	100	9.46	31	29	94	7.32	8.37	9.1
260810020	Grand Rapids	1	2014	30	29	97	11.81	30	29	97	8.35	31	31	100	9.66	31	31	100	8.10	9.48	9.1
260810020	Grand Rapids	1	2015	30	30	100	11.25	30	29	97	7.95	31	28	90	10.17	30	29	97	7.82	9.30	9.1
260810020	Grand Rapids	1	2016	31	28	90	9.28	30	30	100	7.42	31	31	100	7.37	30	29	97	8.55	8.16	9.0
260810020	Grand Rapids	1	2017	30	30	100	9.89	31	30	97	6.23	30	30	100	8.33	31	31	100	8.05	8.12	8.5
260810020	Grand Rapids	1	2018	30	30	100	7.55	30		0		31		0		31		0		7.55	7.9
260810020	Grand Rapids	2	2010	15	13	87	9.26	15	15	100	7.99	16	16	100	10.03	15	15	100	12.87	10.04	10.1
260810020	Grand Rapids	2	2011	15	15	100	10.63	15	12	80	8.04	16	16	100	9.47	15	15	100	8.85	9.25	9.7
260810020	Grand Rapids	2	2012	15	15	100	12.55	15	15	100	7.55	16	16	100	9.14	15	14	93	8.20	9.36	9.5
260810020	Grand Rapids	2	2013	15	14	93	8.88	15	12	80	8.92	15	15	100	10.72	16	15	94	6.67	8.80	9.1
260810020	Grand Rapids	2	2014	15	18	120	13.45	15	15	100	7.40	15	14	93	9.81	16	16	100	6.53	9.30	9.2
260810020	Grand Rapids	2	2015	15	15	100	11.81	15	13	87	9.70	15	15	100	12.33	15	15	100	7.64	10.37	9.5
260810020	Grand Rapids	2	2016	16	16	100	10.28	15	16	107	8.08	15	15	100	8.46	15	15	100	7.09	8.48	9.4
260810020	Grand Rapids	2	2017	15	14	93	11.25	16	16	100	5.35	15	15	100	8.33	15	16	107	8.33	8.31	9.1
260810020	Grand Rapids	2	2018	15	15	100	8.76	15		0		16		0		15		0		8.76	8.5
260910007	Tecumseh	1	2010	30	28	93	9.92	30	29	97	7.24	31	31	100	9.60	31	29	94	8.90	8.91	8.6
260910007	Tecumseh	1	2011	30	27	90	11.80	30	28	93	8.82	31	30	97	9.76	30	30	100	7.91	9.57	9.4
260910007	Tecumseh	1	2012	31	33	106	9.07	30	28	93	7.73	31	31	100	8.45	30	28	93	10.74	9.00	9.2
260910007	Tecumseh	1	2013	30	28	93	7.40	31	31	100	7.62	30	30	100	9.02	31	31	100	7.67	7.93	8.8
260910007	Tecumseh	1	2014	30	28	93	11.22	30	31	103	7.72	31	29	94	8.54	31	31	100	7.65	8.78	8.6
260910007	Tecumseh	1	2015	30	30	100	11.48	30	29	97	7.58	31	31	100	8.24	30	30	100	6.99	8.57	8.4
260910007	Tecumseh	1	2016	31	31	100	7.79	30	25	83	6.72	31	28	90	6.61	30	29	97	8.72	7.46	8.3
260910007	Tecumseh	1	2017	30	30	100	8.38	31	31	100	5.12	30	29	97	7.90	31	31	100	7.96	7.34	7.8
260910007	Tecumseh	1	2018	30	27	90	7.72	30		0		31		0		31		0		7.72	7.5
260990009	New Haven	1	2010	30	30	100	9.35	30	30	100	7.27	31	31	100	10.28	31	31	100	8.79	8.92	9.7
260990009	New Haven	1	2011	30	29	97	10.31	30	30	100	7.02	31	30	97	9.56	30	30	100	7.55	8.61	9.0
260990009	New Haven	1	2012	31	31	100	8.94	30	30	100	7.81	31	31	100	9.24	30	29	97	8.98	8.74	8.8
260990009	New Haven	1	2013	30	30	100	7.18	31	30	97	8.50	30	30	100	9.48	31	31	100	7.40	8.14	8.5
260990009	New Haven	1	2014	30	30	100	11.90	30	30	100	7.44	31	31	100	9.74	31	31	100	7.53	9.15	8.7
260990009	New Haven	1	2015	30	29	97	12.06	30	28	93	7.82	31	31	100	10.70	30	29	97	8.29	9.72	9.0
260990009	New Haven	1	2016	31	30	97	8.10	30	30	100	6.76	31	31	100	7.14	30	30	100	8.01	7.51	8.8
260990009	New Haven	1	2017	30	30	100	8.88	31	31	100	5.26	30	30	100	8.20	31	30	97	7.28	7.40	8.2
260990009	New Haven	1	2018	30	29	97	7.79	30		0		31		0		31		0		7.79	7.6
261010922	Manistee (tribal)	1	2010	30	30	100	6.24	30	30	100	6.72	31	29	94	7.81	31	29	94	5.67	6.61	6.8
261010922	Manistee (tribal)	1	2011	30	28	93	6.14	30	29	97	5.91	31	28	90	7.52	30	29	97	5.98	6.39	6.4
261010922	Manistee (tribal)	1	2012	31	30	97	7.53	30	27	90	6.27	31	30	97	7.02	30	29	97	7.82	7.16	6.7
261010922	Manistee (tribal)	1	2013	30	27	90	5.05	31	25	81	7.97	30	28	93	7.29	31	29	94	5.49	6.45	6.7
261010922	Manistee (tribal)	1	2014	30	31	103	6.55	30	24	80	5.49	31	29	94	6.77	31	31	100	5.81	6.16	6.6
261010922	Manistee (tribal)	1	2015	30	29	97	7.54	30	30	100	5.19	31	31	100	7.30	30	30	100	5.42	6.36	6.3
261010922	Manistee (tribal)	1	2016	31	26	84	5.64	30	26	87	5.46	31	31	100	5.65	30	32	107	5.24	5.50	6.0
261010922	Manistee (tribal)	1	2017	30	30	100	6.47	31	29	94	4.74	30	30	100	6.75	31	29	94	5.40	5.84	5.9
261010922	Manistee (tribal)	1	2018	30	29	97	5.50	30		0		31		0		31		0		5.50	5.6
261130001	Houghton Lake	1	2010	30	24	80	5.46	30	28	93	5.56	31	28	90	7.41	31	31	100	5.35	5.94	6.1

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
261130001	Houghton Lake	1	2011	30	27	90	6.86	30	30	100	5.29	31	29	94	6.43	30	27	90	6.07	6.16	6.0
261130001	Houghton Lake	1	2012	31	31	100	6.13	30	30	100	5.61	31	31	100	6.08	30	27	90	5.86	5.92	6.0
261130001	Houghton Lake	1	2013	30	30	100	4.63	31	31	100	5.85	30	29	97	6.69	31	31	100	4.76	5.48	5.9
261130001	Houghton Lake	1	2014	30	28	93	6.72	30	30	100	5.04	31	31	100	5.83	31	31	100	4.86	5.61	5.7
261130001	Houghton Lake	1	2015	30	28	93	6.32	30	30	100	4.16	31	28	90	6.87	30	28	93	5.01	5.59	5.6
261130001	Houghton Lake	1	2016	31	30	97	5.21	30	29	97	4.51	31	31	100	4.73	30	30	100	5.02	4.87	5.4
261130001	Houghton Lake	1	2017	30	26	87	4.64	31	31	100	3.90	30	30	100	5.88	31	31	100	4.83	4.81	5.1
261130001	Houghton Lake	1	2018	30	30	100	4.80	30		0		31		0		31		0		4.80	4.8
261150005	Luna Pier	1	2010	30	30	100	10.07	30	29	97	7.76	31	31	100	10.73	31	29	94	8.87	9.36	10.4
261150005	Luna Pier	1	2011	30	29	97	11.36	30	29	97	8.64	31	29	94	10.98	30	31	103	8.93	9.98	9.9
261150005	Luna Pier	1	2012	31	30	97	9.69	30	29	97	7.71	31	31	100	9.37	30	29	97	10.81	9.40	9.6
261150005	Luna Pier	1	2013	30	29	97	8.09	31	28	90	8.71	8	6	75	11.58	Shutdown 7/24/2013			9.46	9.6	
2611150006	Sterling State Park	1	2013					Started 8/8/2013				18	18	100	9.99	31	33	106	7.83	8.91	
2611150006	Sterling State Park	1	2014	30	22	73.33	10.3	30	28	93	8.46	31	27	87	9.31	31	30	97	8.01	9.02	
2611150006	Sterling State Park	1	2015	30	29	97	12.84	30	29	97	7.94	31	30	97	8.68	30	30	100	7.59	9.02	9.0
2611150006	Sterling State Park	1	2016	31	30	97	7.44	30	29	93	7.40	31	31	100	7.05	30	30	100	9.09	7.75	8.6
2611150006	Sterling State Park	1	2017	30	30	100	8.87	31	30	93	5.21	30	28	93	8.14	31	28		8.61	7.71	8.2
261210040	Muskegon	1	2010	30	29	97	8.45	30	30	100	7.27	31	30	97	8.96	31	31	100	8.36	8.26	8.9
261210040	Muskegon	1	2011	30	29	97	9.10	30	30	100	7.68	31	31	100	8.98	30	29	97	7.86	8.41	8.5
261210040	Muskegon	1	2012	31	29	94	9.24	30	30	100	7.23	31	31	100	9.01	30	30	100	9.73	8.80	8.5
261210040	Muskegon	1	2013	30	29	97	7.11	31	31	100	8.62	Shutdown 7/1/2013								7.87	8.4
261250001	Oak Park	1	2010	30	29	97	9.91	30	30	100	7.36	31	30	97	10.74	31	29	94	8.46	9.12	10.0
261250001	Oak Park	1	2011	30	29	97	10.34	30	30	100	8.07	31	31	100	10.25	30	28	93	7.90	9.14	9.4
261250001	Oak Park	1	2012	31	31	100	9.69	30	29	97	8.22	31	31	100	9.87	30	30	100	10.27	9.51	9.3
261250001	Oak Park	1	2013	30	29	97	7.60	31	31	100	8.47	30	30	100	9.84	31	30	97	7.58	8.37	9.0
261250001	Oak Park	1	2014	30	29	97	11.14	30	30	100	7.91	31	31	100	9.88	31	30	97	8.39	9.33	9.1
261250001	Oak Park	1	2015	30	30	100	11.33	30	30	100	8.29	31	29	94	10.14	30	29	97	7.72	9.37	9.0
261250001	Oak Park	1	2016	31	31	100	8.40	30	30	100	6.70	31	31	100	7.40	30	30	100	8.89	7.84	8.8
261250001	Oak Park	1	2017	30	27	90	10.30	31	31	100	5.42	30	29	97	8.52	31	28	90	8.22	8.11	8.4
261250001	Oak Park	1	2018	30	25	83	8.47	30		0		31		0		31		0		8.47	8.1
261390005	Jenison	1	2018	30	23	77	8.63	30		0		31		0		31		0		8.63	8.6
261470005	Port Huron	1	2010	30	28	93	8.53	30	30	100	8.06	31	30	97	10.32	31	31	100	8.86	8.94	9.9
261470005	Port Huron	1	2011	30	30	100	10.80	30	30	100	8.19	31	31	100	9.90	30	30	100	7.67	9.14	9.3
261470005	Port Huron	1	2012	31	30	97	9.76	30	30	100	8.47	31	31	100	9.48	30	30	100	9.77	9.37	9.2
261470005	Port Huron	1	2013	30	30	100	7.61	31	31	100	8.53	30	30	100	9.84	31	31	100	7.78	8.44	9.0
261470005	Port Huron	1	2014	30	30	100	12.39	30	30	100	7.86	31	30	97	9.20	31	30	97	8.12	9.39	9.1
261470005	Port Huron	1	2015	30	31	103	12.13	30	29	97	8.05	31	29	94	9.54	30	29	97	8.29	9.50	9.1
261470005	Port Huron	1	2016	31	31	100	8.98	30	29	97	6.61	31	32	103	6.93	30	30	100	8.54	7.77	8.9
261470005	Port Huron	1	2017	30	30	100	9.77	31	31	100	5.75	30	30	100	8.50	31	31	100	8.03	8.01	8.4
261470005	Port Huron	1	2018	30	28	93	8.36	30		0		31		0		31		0		8.36	8.0
261610008	Ypsilanti	1	2010	30	29	97	9.97	30	28	93	7.32	31	31	100	10.29	31	30	97	9.36	9.24	10.0
261610008	Ypsilanti	1	2011	30	28	93	11.71	30	29	97	9.03	31	29	94	9.77	30	30	100	8.46	9.74	9.6
261610008	Ypsilanti	1	2012	31	30	97	9.09	30	26	87	7.71	31	29	94	9.27	30	28	93	10.74	9.20	9.4
261610008	Ypsilanti	1	2013	30	29	97	8.04	31	31	100	8.74	30	30	100	9.94	31	26	84	7.84	8.64	9.2
261610008	Ypsilanti	1	2014	30	30	100	12.46	30	28	93	8.33	31	31	100	10.05	31	31	100	8.31	9.79	9.2
261610008	Ypsilanti	1	2015	30	26	87	12.85	30	30	100	8.11	31	31	100	9.31	30	30	100	8.10	9.59	9.3

AIRSID	Site	POC	2010	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr	
				Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual
261610008	Ypsilanti	1	2016	31	31	100	8.70	30	32	107	7.12	31	31	100	6.95	30	27	90	8.58	7.84	9.1
261610008	Ypsilanti	1	2017	30	30	100	9.99	31	31	100	5.49	30	29	97	8.50	31	31	100	7.91	7.97	8.5
261610008	Ypsilanti	1	2018	30	29	97	8.04	30		0		31		0		31		0		8.04	8.0
261610008	Ypsilanti	2	2010	15	13	87	8.32	15	15	100	8.11	16	16	100	10.25	15	15	100	10.93	9.40	10.7
261610008	Ypsilanti	2	2011	15	14	93	8.78	15	15	100	8.41	16	15	94	9.26	15	15	100	7.72	8.54	9.2
261610008	Ypsilanti	2	2012	15	14	93	11.59	15	15	100	7.91	16	16	100	9.84	15	15	100	10.31	9.91	9.3
261610008	Ypsilanti	2	2013	15	15	100	9.12	15	15	100	9.12	15	14	93	10.87	16	15	94	7.61	9.18	9.2
261610008	Ypsilanti	2	2014	15	13	87	11.70	15	15	100	7.70	15	14	93	10.95	16	16	100	7.11	9.37	9.5
261610008	Ypsilanti	2	2015	15	15	100	10.44	15	15	100	8.65	15	15	100	10.18	15	15	100	7.02	9.07	9.2
261610008	Ypsilanti	2	2016	16	16	100	9.45	15	15	100	7.54	15	15	100	7.31	15	15	100	7.95	8.06	8.8
261610008	Ypsilanti	2	2017	15	15	100	10.49	16	16	100	5.44	15	15	100	8.63	15	15	100	8.73	8.32	8.5
261610008	Ypsilanti	2	2018	15	14	93	8.78	15		0		16		0		15		0		8.78	8.4
261630001	Allen Park	1	2010	90	80	89	11.19	91	87	96	8.83	92	84	91	11.83	92	83	90	9.05	10.23	11.0
261630001	Allen Park	1	2011	90	85	94	11.14	91	91	100	9.71	92	91	99	11.55	92	85	92	9.49	10.47	10.6
261630001	Allen Park	1	2012	91	85	93	9.25	91	91	100	8.66	92	91	99	10.94	92	92	100	11.42	10.07	10.3
261630001	Allen Park	1	2013	90	86	96	10.08	91	87	96	8.47	92	89	97	10.47	92	86	93	8.90	9.48	10.0
261630001	Allen Park	1	2014	90	80	89	11.31	91	90	99	8.36	92	89	97	11.41	92	82	89	9.40	10.12	9.9
261630001	Allen Park	1	2015	90	74	82	11.70	91	85	93	8.61	92	89	97	10.00	92	86	93	8.31	9.66	9.8
261630001	Allen Park	1	2016	91	88	97	9.01	91	91	100	8.49	92	86	93	8.30	92	91	99	9.05	8.72	9.5
261630001	Allen Park	1	2017	90	87	97	9.13	91	87	96	7.63	92	91	99	8.72	92	91	99	8.40	8.47	8.9
261630002	Allen Park	1	2018	90	88	98	9.20	91		0		92		0		92		0		9.20	8.8
261630015	SW HS	1	2010	30	30	100	11.35	30	30	100	8.98	31	30	97	11.85	31	30	97	10.51	10.67	11.5
261630015	SW HS	1	2011	30	30	100	13.10	30	29	97	8.94	31	29	94	11.65	30	30	100	9.89	10.90	10.9
261630015	SW HS	1	2012	31	31	100	11.47	30	30	100	9.51	31	31	100	11.26	30	30	100	12.32	11.14	10.9
261630015	SW HS	1	2013	30	30	100	9.48	31	30	97	9.63	30	30	100	11.26	31	31	100	10.05	10.11	10.7
261630015	SW HS	1	2014	30	27	90	13.41	30	28	93	9.63	31	31	100	11.39	31	30	97	9.54	10.99	10.7
261630015	SW HS	1	2015	30	30	100	13.95	30	29	97	10.08	31	31	100	10.47	30	30	100	10.54	11.26	10.8
261630015	SW HS	1	2016	31	30	97	10.20	30	30	100	10.29	31	31	100	12.53	30	30	100	12.24	11.32	11.2
261630015	SW HS	1	2017	30	30	100	11.49	31	31	100	9.65	30	29	97	11.14	31	30	97	11.75	11.01	11.2
261630015	SW HS	1	2018	30	28	93	10.76	30		0		31		0		31		0		10.76	11.0
261630016	Linwood	1	2010	30	26	87	10.42	30	28	93	8.55	31	31	100	11.34	31	30	97	9.10	9.85	10.7
261630016	Linwood	1	2011	30	30	100	12.48	30	30	100	8.82	31	30	97	10.66	30	30	100	8.37	10.08	10.1
261630016	Linwood	1	2012	31	30	97	10.30	30	30	100	8.40	31	30	97	10.49	30	29	97	10.83	10.01	10.0
261630016	Linwood	1	2013	30	29	97	8.12	31	30	97	8.76	30	28	93	10.24	31	26	84	8.31	8.86	9.6
261630016	Linwood	1	2014	30	30	100	12.42	30	30	100	8.14	31	30	97	10.14	31	31	100	8.25	9.74	9.5
261630016	Linwood	1	2015	30	29	97	12.21	30	30	100	8.89	31	31	100	9.98	30	28	93	9.63	10.18	9.6
261630016	Linwood	1	2016	31	30	97	9.65	30	30	100	8.02	31	30	97	8.33	30	30	100	9.88	8.94	9.6
261630016	Linwood	1	2017	30	30	100	11.47	31	31	100	6.32	30	30	100	9.11	31	29	94	9.09	9.00	9.4
261630016	Linwood	1	2018	30	30	100	8.79	30		0		31		0		31		0		8.79	8.9
261630019	E 7 Mile	1	2010	30	30	100	10.27	30	23	77	8.68	31	26	84	11.18	31	29	94	9.44	9.89	10.6
261630019	E 7 Mile	1	2011	30	29	97	11.41	30	28	93	8.22	31	29	94	10.38	30	29	97	7.72	9.43	10.0
261630019	E 7 Mile	1	2012	31	31	100	10.10	30	30	100	8.15	31	30	97	10.90	30	30	100	10.44	9.90	9.7
261630019	E 7 Mile	1	2013	30	30	100	7.86	31	30	97	8.32	30	27	90	10.36	31	30	97	8.28	8.71	9.3
261630019	E 7 Mile	1	2014	30	30	100	11.76	30	30	100	7.82	31	27	87	10.37	31	30	97	8.57	9.63	9.4
261630019	E 7 Mile	1	2015	30	29	97	12.23	30	29	97	8.41	31	29	94	9.79	30	29	97	8.71	9.79	9.4
261630019	E 7 Mile	1	2016	31	31	100	8.76	30	30	100	7.57	31	27	87	7.17	30	30	100	8.94	8.11	9.2

AIRSID	Site	POC	2017	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr	
				Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual
261630019	E 7 Mile	1	2017	29	29	100	9.19	31	31	100	5.41	30	30	100	8.76	31	31	100	8.15	7.88	8.6
261630019	E 7 Mile	1	2018	30	30	100	8.17	30		0		31		0		31		0	8.17	8.1	
261630025	Livonia	1	2010	30	28	93	9.37	30	29	97	6.65	31	27	87	10.98	31	30	97	9.40	9.10	10.0
261630025	Livonia	1	2011	30	29	97	11.29	30	29	97	8.91	31	31	100	9.98	30	30	100	7.71	9.47	9.5
261630025	Livonia	1	2012	31	31	100	9.39	30	30	100	8.40	31	31	100	10.15	30	29	97	10.53	9.62	9.4
261630025	Livonia	1	2013	30	28	93	7.60	31	32	103	8.94	30	25	83	9.83	31	30	97	8.28	8.66	9.3
261630025	Livonia	1	2014	30	28	93	12.63	30	31	103	8.04	31	31	100	8.81	31	30	97	8.33	9.45	9.2
261630025	Livonia	1	2015	30	28	93	12.30	30	30	100	7.78	31	31	100	9.05	30	29	97	8.11	9.31	9.1
261630025	Livonia	1	2016	31	31	100	8.87	30	30	100	7.64	31	31	100	7.69	30	25	83	8.44	8.16	9.0
261630025	Livonia	1	2017	30	29	97	10.23	31	31	100	5.61	30	30	100	8.26	31	29	94	7.83	7.98	8.5
261630025	Livonia	1	2018	30	16	53	6.43	30		0		31		0		31		0	6.43	7.5	
201630095	Livonia Near Road	1	2015	30	28	93	12.32	30	28	93	7.86	31	30	97	9.87	30	28	93	8.07	9.53	
261630095	Livonia Near Road	1	2016	31	30	97	9.15	30	30	100	8.25	31	31	100	7.65	30	30	100	9.07	8.53	
261630095	Livonia Near Road	1	2017	30	25	83	11.07	31	29	94	5.64	30	30	100	8.81	31	30	97	8.40	8.48	8.8
261630095	Livonia Near Road	1	2018	30	30	100	11.82	30		0		31		0		31		0	11.82	9.6	
261630033	Dearborn	1	2010	30	27	90	11.70	30	30	100	9.39	31	30	97	12.32	31	31	100	11.90	11.33	12.2
261630033	Dearborn	1	2011	30	50	167	12.76	30	37	123	9.98	31	30	97	11.37	30	29	97	10.70	11.20	11.5
261630033	Dearborn	1	2012	31	31	100	12.66	30	30	100	10.41	31	28	90	12.02	30	29	97	12.45	11.89	11.5
261630033	Dearborn	1	2013	30	29	97	10.16	31	31	100	10.61	30	30	100	11.44	31	29	94	11.80	11.00	11.4
261630033	Dearborn	1	2014	30	30	100	14.50	30	29	97	9.43	31	30	97	12.81	31	31	100	10.30	11.76	11.5
261630033	Dearborn	1	2015	30	30	100	14.32	30	30	100	10.15	31	29	94	11.15	30	30	100	10.44	11.52	11.4
261630033	Dearborn	1	2016	31	30	97	11.41	30	30	100	9.73	31	31	100	9.61	30	30	100	11.93	10.67	11.3
261630033	Dearborn	1	2017	30	30	100	13.31	31	30	97	7.28	30	30	100	8.26	31	31	100	11.31	10.04	10.7
261630033	Dearborn	1	2018	30	29	97	11.53	30		0		31		0		31		0	11.53	10.7	
261630033	Dearborn	2	2010	15	14	93	13.18	15	15	100	10.05	16	15	94	12.30	15	15	100	13.70	12.31	
261630033	Dearborn	2	2011	15	15	100	12.37	15	15	100	9.69	16	15	94	11.47	15	15	100	11.39	11.23	
261630033	Dearborn	2	2012	15	15	100	14.61	15	14	93	10.48	16	17	106	11.99	15	15	100	12.13	12.30	11.9
261630033	Dearborn	2	2013	15	15	100	10.60	15	16	107	10.00	15	15	100	13.02	16	16	100	9.58	10.80	11.4
261630033	Dearborn	2	2014	15	15	100	13.96	15	15	100	8.90	15	14	93	14.53	16	16	100	9.16	11.64	11.6
261630033	Dearborn	2	2015	15	15	100	14.68	15	14	93	11.01	15	14	93	12.00	15	15	100	9.27	11.74	11.4
261630033	Dearborn	2	2016	16	16	100	12.05	15	14	93	9.17	15	15	100	9.89	15	15	100	10.95	10.52	11.3
261630033	Dearborn	2	2017	15	15	100	13.31	16	16	100	7.45	15	15	100	8.26	15	15	100	11.58	10.15	10.8
261630033	Dearborn	2	2018	15	15	100	12.79	15		0		16		0		15		0	12.79	11.2	
261630036	Wyandotte	1	2010	30	23	77	9.44	30	29	97	7.84	31	29	94	11.30	31	31	100	8.84	9.36	10.2
261630036	Wyandotte	1	2011	30	21	70	10.36	30	30	100	8.66	31	27	87	9.53	30	32	107	7.17	8.93	9.5
261630036	Wyandotte	1	2012	31	31	100	9.44	30	29	97	8.26	31	31	100	9.95	30	28	93	9.58	9.31	9.2
261630036	Wyandotte	1	2013	30	27	90	6.65	31	30	97	8.17	30	29	97	9.91	31	27	87	7.25	8.00	8.7
261630036	Wyandotte	1	2014	30	28	93	12.44	30	30	100	8.97	31	31	100	9.87	31	31	100	7.54	9.71	9.0
261630036	Wyandotte	1	2015	30	25	83	11.11	30	28	93	7.85	31	31	100	8.44	30	27	90	7.07	8.62	8.8
261630036	Wyandotte	1	2016	31	30	97	7.65	30	29	97	7.12	31	29	94	7.13	30	28	93	8.88	7.70	8.7
261630036	Wyandotte	1	2017	30	30	100	8.92	31	30	97	5.05	30	27	90	7.53	31	28	90	7.22	7.18	7.8
261630036	Wyandotte	1	2018	30	26	87	7.94	30		0		31		0		31		0	7.94	7.6	
261630038	Newberry	1	2010	30	27	90	9.39	30	30	100	8.73	31	31	100	11.92	31	30	97	10.12	10.04	10.7
261630038	Newberry	1	2011	30	26	87	12.98	30	32	107	9.77	31	31	100	10.77	30	30	100	8.85	10.59	10.3
261630038	Newberry	1	2012	31	31	100	10.15	30	28	93	8.95	31	30	97	10.14	30	30	100	10.43	9.92	10.2
261630038	Newberry	1	2013	11	10	91	10.15	Site shutdown 2/1/2013												10.15	

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
261630039	FIA\Lafayette St	1	2010	90	83	92	10.69	91	89	98	8.65	92	76	83	11.22	92	84	91	9.62	10.05	11.0
261630039	FIA\Lafayette St	1	2011	90	87	97	11.59	91	90	99	9.44	92	89	97	11.70	92	79	86	9.24	10.49	10.4
261630039	FIA\Lafayette St	1	2012	91	87	96	9.86	91	89	98	8.57	92	88	96	10.60	92	89	97	11.53	10.14	10.2
261630039	FIA\Lafayette St	1	2013	90	82	91	10.25	91	88	97	8.10	92	72	78	9.78	92	74	80	9.20	9.33	10.0
261630039	FIA\Lafayette St	1	2014	90	89	99	12.08	91	88	97	7.73	92	91	99	10.19	92	78	85	8.70	9.68	9.7
261630039	FIA\Lafayette St	1	2015	90	84	93	11.45	91	84	92	8.00	92	84	91	9.46	92	89	97	7.57	9.12	9.4
261630039	FIA\Lafayette St	1	2016	31	31	100	8.54	91	84	92	7.49	92	76	83	7.98	92	86	93	9.58	8.38	9.1
261630039	FIA\Lafayette St	1	2017	30	17	57	10.93	31	28	90	5.64	30	7	23	8.81	31	0	0		8.46	8.7
261630039	FIA\Lafayette St	1	2018	30	11	37	5.65	30		0		31		0		31		0		5.65	7.5

A 3-year annual average of 12.1 ug/m3 would violate the NAAQS according to the data handling conventions in 40 CFR part 50