

**98<sup>th</sup> Percentile PM<sub>2.5</sub> Values Averaged over 3 Years**

updated 3/26/2019

AIRS ID	Site	POC	Current Sampling Freq	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	06-08	07-09	08-10	09-11	10-12	11-13	12-14	13-15	14-16	15-17	16-18
				98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	98th % ile	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
260050003	Holland	1	1 in 3	36.1	34.1	31.7	24.5	25.4	24.6	25.6	23.4	17.7	23.4	21.2	17.2	24.6	21.2	30	27	25	25	25	22	22	21	21	21	21
260170014	Bay City	1	1 in 3	40.5	27.9	25.2	23.6	23.3	31.1	20.9	22.0	16.0	21.1	23.3	19.6	22.4	17.8	26	24	26	25	25	20	20	20	21	22	20
260210014	Coloma	1	1 in 3	33.8	27.7	33.0	24.8	22.2	23.3	20.5	21.6	17.4	19.8	19.4	17.2	26.2		29	27	23	22	22	20	20	19	19	21	22
260330901	Sault Ste Marie #1	1	1 in 3	25.1	***** call ITC for data *****					18.3	16.6	14.4	15.3	15.8	11.3	25.3		---	---	---	---	---	16	15	15	14	17	18
260330901	Sault Ste Marie #1	2	1 in 6	28.3	***** call ITC for data *****					17.0	15.7	15.5	12.7	16.4	10.8	16.4		---	---	---	---	---	16	15	15	13	15	14
260490021	Flint	1	1 in 3	35.9	26.7	25.1	25.8	26.2	24.7	20.7	21.2	16.6	24.3	22.3	18.8	16.8	16.9	26	26	26	24	22	20	21	21	22	19	18
260650012	Lansing	1	1 in 3	38.1	28.3	29.0	24.0	27.1	23.7	20.6	24.3	17.4	22.1	24.5	18.0	17.1	16.3	27	27	25	24	23	21	21	21	22	20	17
260770008	Kalamazoo	1	1 in 3	33.3	29.1	29.2	26.0	29.0	21.5	20.3	26.5	17.7	23.9	22.3	20.1	22.6	19.1	28	28	26	24	23	22	23	21	22	22	21
260770008	Kalamazoo	2	1 in 6	31.5	29.1	32.5	24.1	36.4	20.8	17.4	24.5	17.9	30.6	21.3	20.2	22.5	19.1	29	31	27	25	21	20	24	23	24	21	21
260810007	Wealthy	1	1 in 3	---	---	29.7	26.8	28.8	22.4	22.6	28.9	19.0	24.3	25.5	22.7	26.2		---	28	26	25	25	24	24	23	24	25	24
260810020	Grand Rapids	1	1 in 1	44.7	33.2	29.7	24.9	30.0	24.3	22.8	26.0	18.3	23.0	25.6	19.5	22.6	18.9	29	28	26	26	24	22	22	22	23	23	20
260810020	Grand Rapids	2	1 in 6	45.6	31.5	31.7	22.5	31.4	24.3	21.8	21.7	18.7	26.9	24.3	21.3	22.8	26.5	29	29	26	26	23	21	22	23	24	23	24
260910007	Tecumseh	1	1 in 3	---	---	---	23.4	29.9	22.3	23.9	26.6	16.8	22.8	25.2	15.1	17.5	23.4	---	---	25	25	24	22	22	22	21	19	19
260990009	New Haven	1	1 in 3	41.5	34.4	29.0	28.9	26.2	25.5	24.1	22.2	18.3	27.0	31.6	20.1	17.0	18.9	31	28	27	25	24	22	23	26	26	23	19
261010922	Manistee	1	1 in 3	---	25.9	26.5	21.2	19.8	21.9	17.5	16.8	18.2	17.3	19.3	12.6	19.2	16.9	25	23	21	20	19	18	17	18	16	17	16
261130001	Houghton Lake	1	1 in 3	30.8	21.6	23.2	21.1	17.5	17.6	17.8	15.4	17.1	16.3	17.9	12.4	14.9	16.2	22	21	19	18	17	17	16	17	16	15	15
261150005	Luna Pier	1	1 in 3	49.3	32.6	32.2	28.6	23.6	26.3	23.5	23.7	17.8	---	---	---	---		31	28	26	24	25	22	21	18	---	---	---
261150006	Sterling St Park	1	1 in 3	---	---	---	---	---	---	---	---	19.5	23.9	25.7	18.3	20.5		---	---	---	---	---	20	22	23	23	22	19
261210040	Muskegon	1	1 in 3	41.0	29.8	28.1	26.3	27.3	23.4	22.2	23.9	18	---	---	---	---		28	27	26	24	23	21	21	18	---	---	---
261250001	Oak Park	1	1 in 3	52.2	33.0	35.3	30.4	30.1	27.1	23.4	25.2	18.9	23.3	29.6	19.8	19.8	20.1	33	32	29	27	25	23	22	24	24	23	20
261390005	Jenison	1	1 in 3	42.3	30.2	28.1	27.1	26.5	22.7	23.5	27.2	18.2	---	---	---	---	22.3	28	27	25	24	24	23	23	18	---	---	---
261470005	Port Huron	1	1 in 3	47.6	37.9	36.3	31.0	29.9	25.8	23.7	22.3	18.9	25.2	28.7	19.1	19.2	19.6	35	32	29	26	24	22	22	24	24	22	19
261610008	Ypsilanti	1	1 in 3	52.1	31.3	34.5	28.2	28.2	23.3	23.9	22.6	18.5	24.5	25.9	17.6	18.8	21.3	31	30	27	25	23	22	22	23	23	21	19
261610008	Ypsilanti	2	1 in 6	54.6	33.0	30.6	31.3	29.4	22.4	18.8	21.8	18.9	23.7	20.6	17.4	19.0	19.1	32	30	28	24	21	20	21	21	21	19	19
261630001	Allen Park	1	1 in 1	43.0	32.8	31.0	30.3	29.2	27.8	25.3	23.2	22.8	26.4	23.1	20.3	21.8	22.8	31	30	29	27	25	24	24	24	23	22	22
261630015	SW High Sch.	1	1 in 3	49.7	36.2	34.0	34.3	30.9	26.6	25.1	24.5	21.2	23.8	27.1	25.6	30.0	28.1	35	33	31	28	25	24	23	24	26	28	28
261630016	Linwood	1	1 in 3	51.8	36.9	34.3	30.0	31.0	27.9	24.8	24.6	20.0	23.6	27.1	22.5	25.0	18.6	34	32	30	28	26	23	23	24	24	25	22
261630019	E 7 Mile	1	1 in 3	52.3	36.2	31.9	31.9	29.2	28.6	24.0	32.5	19.9	22.0	25.6	19.5	16.6	21.5	33	31	30	27	28	25	25	23	22	21	19
261630025	Livonia	1	1 in 3	40.2	30.4	32.8	28.3	29.3	25.3	22.8	22.7	19.6	25.7	26.8	19.9	19.1	18.1	31	30	28	26	24	22	23	24	24	22	19
261630033	Dearborn	1	1 in 3	50.2	43.1	36.6	31.7	35.7	28.6	29.9	24.3	24.1	26.5	28.1	25.8	24.5	26.1	37	35	32	31	28	26	25	26	27	26	25
261630033	Dearborn	2	1 in 6	---	---	---	---	---	31.5	26.1	25.5	20.8	26.7	34.7	24.7	23.5	26.6	---	---	---	---	---	24	24	27	29	28	25
261630036	Wyandotte	1	1 in 3	46.7	33.2	28.6	26.3	26.9	24.4	21.4	20.9	17.7	25.6	21.1	18.8	19.3	20.4	29	27	26	24	22	20	21	21	22	20	20
261630038	Newberry	1	1 in 3	57.5	28.6	33.4	31.5	25.9	30.4	24.9	24.3	16.6	---	---	---	---		31	30	29	27	27	22	20	17	---	---	---
261630039	FIA/Lafayette	1	1 in 1	43.9	32.4	34.8	31.7	31.7	27.7	25.3	24.0	22.0	25.5	22.8	20.5	19.5	26.9	33	33	30	28	26	24	24	23	23	21	22
261630095	Livonia Near RD	1	1 in 3	---	---	---	---	---	---	---	---	---	---	25.2	21.4	19.0	29.0	---	---	---	---	---	---	---	---	---	22	23

A 3-year 24-hour average of 36 ug/m3 would violate the NAAQS according to the data handling conventions in 40 CFR part 50

\* This sample was effected by fireworks and the 98th percentile should decrease when 4th quarter data is added