

24-Hour PM2.5 Values Averaged over 3 Years

Updated 7/21/2023

Concentrations in ug/m3

AIRS ID Site	260050003 Holland		260170014 Bay City		260210014 Coloma		260490021 Flint		260650012 Lansing		260650018 Lansing Filley St.	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
	2005	36.1	34	40.5	32	33.8	32	35.9	32	38.1	32	
2006	34.1	34	27.9	32	27.7	30	26.7	30	28.3	32		
2007	31.7	34	25.2	31	33.0	32	25.1	29	29.0	32		
2008	24.5	30	23.6	26	24.8	29	25.8	26	24.0	27		
2009	25.4	27	23.3	24	22.2	27	26.2	26	27.1	27		
2010	24.6	25	31.1	26	23.3	23	24.7	26	23.7	25		
2011	25.6	25	20.9	25	20.5	22	20.7	24	20.6	24		
2012	23.4	25	22.0	25	21.6	22	21.2	22	24.3	23		
2013	17.7	22	16.0	20	17.4	20	16.6	20	17.4	21		
2014	23.4	22	21.1	20	19.8	20	24.3	21	22.1	21		
2015	21.2	21	23.3	20	19.4	19	22.3	21	24.5	21		
2016	17.2	21	19.6	21	17.2	19	18.8	22	18.0	22		
2017	24.6	21	22.4	22	26.2	21	16.8	19	17.1	20		
2018	21.2	21	17.8	20			22.2	19	16.3	17	29.0	
2019	18.2	21	17.5	19			18.9	19			22.3	
2020	13.1	18	14.0	16			14.5	19			21.6	24
2021	18.3	17	16.4	16			16.8	17			23.3	22
2022	17.7	16	17.6	16			19.9	17			22.7	23

AIRS ID Site	260770008 Kalamazoo		260810020 Grand Rapids		260910007 Tecumseh		260990009 New Haven		261010922 Manistee		261130001 Houghton Lake	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
	2005	33.3	33	44.7	37			41.5	35			30.8
2006	29.1	30	33.2	37			34.4	36	25.9		21.6	24
2007	29.2	31	29.7	36			29.0	35	26.5		23.2	25
2008	26.0	28	24.9	29	23.4		28.9	31	21.2	25	21.1	22
2009	29.0	28	30.0	28	29.9		26.2	28	19.8	23	17.5	21
2010	21.5	26	24.3	26	22.3	25	25.5	27	21.9	21	17.6	19
2011	20.3	24	22.8	26	23.9	25	24.1	25	17.5	20	17.8	18
2012	26.5	23	26.0	24	26.6	24	22.2	24	16.8	19	15.4	17
2013	17.7	22	18.3	22	16.8	22	18.3	22	18.2	18	17.1	17
2014	23.9	23	23.0	22	22.8	22	27.0	23	17.3	17	16.3	16
2015	22.3	21	25.6	22	25.2	22	31.6	26	19.3	18	17.9	17
2016	20.1	22	19.5	23	15.1	21	20.1	26	12.6	16	12.4	16
2017	22.6	22	22.6	23	17.5	19	17.0	23	19.2	17	14.9	15
2018	19.0	21	18.9	20	24.2	19	18.9	19	16.9	16	16.2	15
2019	16.9	20	23.2	22	22.1	21	18.7	18	14.9	17	15.1	15
2020	18.0	18	17.6	20	18.7	22	15.5	18	13.3	15	15.2	16
2021	26.5	20	25.4	22	18.9	20	22.5	19	15.4	15	18.7	16
2022	29.4	25	24.9	23	23.0	20	24.8	21	18.2	16	17	17

24-Hour PM2.5 Values Averaged over 3 Years, Cont.

AIRS ID Site	261250001 Oak Park		261390005 Jenison		261470005 Port Huron		261630025 Livonia		261610008 Ypsilanti		261630001 Allen Park	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
	2005	52.2	40	42.3	35	47.6	39	40.2	37	52.1	41	43.0
2006	33.0	39	30.2	34	37.9	39	30.4	34	31.3	38	32.8	38
2007	35.3	40	28.1	34	36.3	41	32.8	34	34.5	39	31.0	36
2008	30.4	33	27.1	28	31.0	35	28.3	31	28.2	31	30.3	31
2009	30.1	32	26.5	27	29.9	32	29.3	30	28.2	30	29.2	30
2010	27.1	29	22.7	25	25.8	29	25.3	28	23.3	27	27.8	29
2011	23.4	27	23.5	24	23.7	26	22.8	26	23.9	25	25.3	27
2012	25.2	25	27.2	24	22.3	24	22.7	24	22.6	23	23.2	25
2013	18.9	23	18.2	23	18.9	22	19.6	22	18.5	22	22.8	24
2014	23.3	22	---		25.2	22	25.7	23	24.5	22	26.4	24
2015	29.6	24	---		28.7	24	26.8	24	25.9	23	23.1	24
2016	19.8	24	---		19.1	24	19.9	24	17.6	23	20.3	23
2017	19.8	23	---		19.2	22	19.1	22	18.8	21	21.8	22
2018	20.1	20	22.3		19.6	19	18.1	19	21.3	19	22.8	22
2019	18.2	19	24.4		20.3	20			22.0	21	22.0	22
2020	23.3	21	17.9	21	16.6	19			19.8	21	26.3	24
2021	18.5	20	25.8	23	22.6	20			17.8	20	22.7	24
2022	21.9	21	24.2	23	21.4	20			25.5	21	25.7	25

AIRS ID Site	261630015 Detroit-SW		261630016 Linwood		261630019 E 7 Mile		261630033 Dearborn		261630036 Wyandotte		261630039 FIA/Lafayette	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
	2005	49.7	40	51.8	45	52.3	41	50.2	44	46.7	38	43.9
2006	36.2	41	36.9	42	36.2	41	43.1	44	33.2	37	32.4	
2007	34.0	40	34.3	41	31.9	40	36.6	43	28.6	36	34.8	37
2008	34.3	35	30.0	34	31.9	33	31.7	37	26.3	29	31.7	33
2009	30.9	33	31.0	32	29.2	31	35.7	35	26.9	27	31.7	33
2010	26.6	31	27.9	30	28.6	30	28.6	32	24.4	26	27.7	30
2011	25.1	28	24.8	28	24.0	27	29.9	31	21.4	24	25.3	28
2012	24.5	25	24.6	26	32.5	28	24.3	28	20.9	22	24.0	26
2013	21.2	24	20.0	23	19.9	25	24.1	26	17.7	20	22.0	24
2014	23.8	23	23.6	23	22.0	25	26.5	25	25.6	21	25.5	24
2015	27.1	24	27.1	24	25.6	23	28.1	26	21.1	21	22.8	23
2016	25.6	26	22.5	24	19.5	22	25.8	27	18.8	22	20.5	23
2017	30.0	28	25.0	25	16.6	21	24.5	26	19.3	20	19.5	21
2018	28.1	28	18.6	22	21.5	19	26.1	25	20.4	20	26.9	22
2019	22.5	27			19.6	19	24.0	25				
2020	24.1	26			17.7	20	21.0	24				
2021	26.9	27			18.9	19	22.3	22				
2022	3.0	27			19.8	19	25.3	23				

24-Hour PM2.5 Values Averaged over 3 Years, Cont.

AIRS ID Site	261630095 Livonia Near RD		261530001 Seney		261630093 Eliza Howell-NR		261630098 DP4th		261630099 Trinity		261630100 Military Park	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
2005												
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015	25.2											
2016	21.4											
2017	19.0	22										
2018	29.0	23					30.5		31.0		32.6	
2019	22.8	24					23.7		24.1		24.8	
2020			10.6		24.4		22.9	26	26.6	27	27.8	28
2021			19.8		24.3		24.2	24	28.3	26	27.2	27
2022			14.6	15	28.5	25	26.4	25	32.5	29	30.7	29

The PM2.5 NAAQS is met when the 98th percentile of the 24-hour concentration averaged over a 3-year period does not exceed 35 ug/m³.

In 1997 the NAAQS level was set at 65 ug/m³ and was reduced to 35 ug/m³ in 2006.

Red numbers indicate concentrations above the NAAQS. **Green numbers** indicate incomplete data.