

## 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
	<b>2005</b>	36.1	34	40.5	32	33.8	32	35.9	32	38.1	32	
<b>2006</b>	34.1	34	27.9	32	27.7	30	26.7	30	28.3	32		
<b>2007</b>	31.7	34	25.2	31	33.0	32	25.1	29	29.0	32		
<b>2008</b>	24.5	30	23.6	26	24.8	29	25.8	26	24.0	27		
<b>2009</b>	25.4	27	23.3	24	22.2	27	26.2	26	27.1	27		
<b>2010</b>	24.6	25	31.1	26	23.3	23	24.7	26	23.7	25		
<b>2011</b>	25.6	25	20.9	25	20.5	22	20.7	24	20.6	24		
<b>2012</b>	23.4	25	22.0	25	21.6	22	21.2	22	24.3	23		
<b>2013</b>	17.7	22	16.0	20	17.4	20	16.6	20	17.4	21		
<b>2014</b>	23.4	22	21.1	20	19.8	20	24.3	21	22.1	21		
<b>2015</b>	21.2	21	23.3	20	19.4	19	22.3	21	24.5	21		
<b>2016</b>	17.2	21	19.6	21	17.2	19	18.8	22	18.0	22		
<b>2017</b>	24.6	21	22.4	22	26.2	21	16.8	19	17.1	20		
<b>2018</b>	21.2	21	17.8	20			22.2	19	16.3	17	29.0	
<b>2019</b>	18.2	21	17.5	19			18.9	19			22.3	
<b>2020</b>	13.1	18	14.0	16			14.5	19			21.6	24
<b>2021</b>	18.3	17	16.4	16			16.8	17			23.3	22
<b>2022</b>	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
	<b>2005</b>	33.3	33	44.7	37			41.5	35			30.8
<b>2006</b>	29.1	30	33.2	37			34.4	36	25.9		21.6	24
<b>2007</b>	29.2	31	29.7	36			29.0	35	26.5		23.2	25
<b>2008</b>	26.0	28	24.9	29	23.4		28.9	31	21.2	25	21.1	22
<b>2009</b>	29.0	28	30.0	28	29.9		26.2	28	19.8	23	17.5	21
<b>2010</b>	21.5	26	24.3	26	22.3	25	25.5	27	21.9	21	17.6	19
<b>2011</b>	20.3	24	22.8	26	23.9	25	24.1	25	17.5	20	17.8	18
<b>2012</b>	26.5	23	26.0	24	26.6	24	22.2	24	16.8	19	15.4	17
<b>2013</b>	17.7	22	18.3	22	16.8	22	18.3	22	18.2	18	17.1	17
<b>2014</b>	23.9	23	23.0	22	22.8	22	27.0	23	17.3	17	16.3	16
<b>2015</b>	22.3	21	25.6	22	25.2	22	31.6	26	19.3	18	17.9	17
<b>2016</b>	20.1	22	19.5	23	15.1	21	20.1	26	12.6	16	12.4	16
<b>2017</b>	22.6	22	22.6	23	17.5	19	17.0	23	19.2	17	14.9	15
<b>2018</b>	19.0	21	18.9	20	24.2	19	18.9	19	16.9	16	16.2	15
<b>2019</b>	16.9	20	23.2	22	22.1	21	18.7	18	14.9	17	15.1	15
<b>2020</b>	18.0	18	17.6	20	18.7	22	15.5	18	13.3	15	15.2	16
<b>2021</b>	26.5	20	25.4	22	18.9	20	22.5	19	15.4	15	18.7	16
<b>2022</b>	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
	<b>2005</b>	52.2	40	42.3	35	47.6	39	40.2	37	52.1	41	43.0
<b>2006</b>	33.0	39	30.2	34	37.9	39	30.4	34	31.3	38	32.8	38
<b>2007</b>	35.3	40	28.1	34	36.3	41	32.8	34	34.5	39	31.0	36
<b>2008</b>	30.4	33	27.1	28	31.0	35	28.3	31	28.2	31	30.3	31
<b>2009</b>	30.1	32	26.5	27	29.9	32	29.3	30	28.2	30	29.2	30
<b>2010</b>	27.1	29	22.7	25	25.8	29	25.3	28	23.3	27	27.8	29
<b>2011</b>	23.4	27	23.5	24	23.7	26	22.8	26	23.9	25	25.3	27
<b>2012</b>	25.2	25	27.2	24	22.3	24	22.7	24	22.6	23	23.2	25
<b>2013</b>	18.9	23	18.2	23	18.9	22	19.6	22	18.5	22	22.8	24
<b>2014</b>	23.3	22	---		25.2	22	25.7	23	24.5	22	26.4	24
<b>2015</b>	29.6	24	---		28.7	24	26.8	24	25.9	23	23.1	24
<b>2016</b>	19.8	24	---		19.1	24	19.9	24	17.6	23	20.3	23
<b>2017</b>	19.8	23	---		19.2	22	19.1	22	18.8	21	21.8	22
<b>2018</b>	20.1	20	22.3		19.6	19	18.1	19	21.3	19	22.8	22
<b>2019</b>	18.2	19	24.4		20.3	20			22.0	21	22.0	22
<b>2020</b>	23.3	21	17.9	21	16.6	19			19.8	21	26.3	24
<b>2021</b>	18.5	20	25.8	23	22.6	20			17.8	20	22.7	24
<b>2022</b>	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
	<b>2005</b>	49.7	40	51.8	45	52.3	41	50.2	44	46.7	38	43.9
<b>2006</b>	36.2	41	36.9	42	36.2	41	43.1	44	33.2	37	32.4	
<b>2007</b>	34.0	40	34.3	41	31.9	40	36.6	43	28.6	36	34.8	37
<b>2008</b>	34.3	35	30.0	34	31.9	33	31.7	37	26.3	29	31.7	33
<b>2009</b>	30.9	33	31.0	32	29.2	31	35.7	35	26.9	27	31.7	33
<b>2010</b>	26.6	31	27.9	30	28.6	30	28.6	32	24.4	26	27.7	30
<b>2011</b>	25.1	28	24.8	28	24.0	27	29.9	31	21.4	24	25.3	28
<b>2012</b>	24.5	25	24.6	26	32.5	28	24.3	28	20.9	22	24.0	26
<b>2013</b>	21.2	24	20.0	23	19.9	25	24.1	26	17.7	20	22.0	24
<b>2014</b>	23.8	23	23.6	23	22.0	25	26.5	25	25.6	21	25.5	24
<b>2015</b>	27.1	24	27.1	24	25.6	23	28.1	26	21.1	21	22.8	23
<b>2016</b>	25.6	26	22.5	24	19.5	22	25.8	27	18.8	22	20.5	23
<b>2017</b>	30.0	28	25.0	25	16.6	21	24.5	26	19.3	20	19.5	21
<b>2018</b>	28.1	28	18.6	22	21.5	19	26.1	25	20.4	20	26.9	22
<b>2019</b>	30.6	30			19.6	19	24.0	25				
<b>2020</b>	24.1	28			17.7	20	21.0	24				
<b>2021</b>	26.9	27			18.9	19	22.3	22				
<b>2022</b>	31.0	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
	<b>2005</b>											
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<b>2011</b>												
<b>2012</b>												
<b>2013</b>												
<b>2014</b>												
<b>2015</b>	25.2											
<b>2016</b>	21.4											
<b>2017</b>	19.0	22										
<b>2018</b>	29.0	23					30.5		31.0		32.6	
<b>2019</b>	22.8	24					23.7		24.1		24.8	
<b>2020</b>			10.6		23.2		22.9	26	26.6	27	27.8	28
<b>2021</b>			19.8		24.3		24.2	24	28.3	26	27.2	27
<b>2022</b>			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/m<sup>3</sup>.

In 1997 the NAAQS level was set at 65 ug/m<sup>3</sup> and was reduced to 35 ug/m<sup>3</sup> in 2006.

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