

# Annual PM2.5 Values Averaged over 3 Years

Updated 1/2/2024  
Concentrations in ug/m3

AIRS ID Site	260050003 Holland		260170014 Bay City		260210014 Coloma		260490021 Flint		260650012 Lansing		260650018 Lansing Filley St.	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
	<b>2005</b>	12.4	12.0	12.4	11.1	13.1	11.9	12.9	11.8	13.5	12.5	
<b>2006</b>	11.5	11.7	10.2	10.8	10.9	11.4	10.9	11.4	11.5	12.0		
<b>2007</b>	11.7	11.9	10.2	10.9	11.5	11.8	11.1	11.6	11.5	12.2		
<b>2008</b>	9.7	10.9	8.9	9.7	9.8	10.8	9.8	10.6	9.8	10.9		
<b>2009</b>	8.6	10.0	8.2	9.1	9.0	10.1	8.7	9.9	9.1	10.1		
<b>2010</b>	8.5	8.9	8.2	8.4	8.7	9.2	8.9	9.1	9.0	9.3		
<b>2011</b>	8.4	8.5	7.7	8.2	8.7	9.1	8.5	8.7	8.7	8.9		
<b>2012</b>	8.5	8.5	7.7	7.9	8.7	8.8	8.0	8.4	8.6	8.8		
<b>2013</b>	7.8	8.3	7.5	7.6	8.0	8.5	7.4	8.0	7.6	8.3		
<b>2014</b>	8.7	8.3	8.2	7.8	8.5	8.4	8.9	8.1	9.4	8.5		
<b>2015</b>	7.9	8.1	7.7	7.8	8.1	8.2	8.2	8.2	8.6	8.5		
<b>2016</b>	7.0	7.8	6.8	7.6	7.4	8.0	7.2	8.1	7.3	8.4		
<b>2017</b>	7.5	7.5	6.8	7.1	8.0	7.8	7.1	7.5	7.2	7.7		
<b>2018</b>	7.6	7.4	7.1	6.9			7.4	7.2	7.6	7.4	7.8	
<b>2019</b>	7.2	7.4	6.8	6.9			7.2	7.2			7.3	
<b>2020</b>	6.0	6.9	4.7	6.2			6.0	6.9			7.1	7.4
<b>2021</b>	7.0	6.7	6.1	5.9			7.3	6.8			9.6	8.0
<b>2022</b>	6.7	6.6	6.4	5.8			8.2	7.2			8.6	8.4

AIRS ID Site	260770008 Kalamazoo		260810020 Grand Rapids		260910007 Tecumseh		260990009 New Haven		261010922 Manistee		261130001 Houghton Lake	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
	<b>2005</b>	13.8	13.0	13.7	13.1			14.4	13.1			9.4
<b>2006</b>	12.6	12.6	12.6	12.8			11.3	12.5	9.1		7.8	8.1
<b>2007</b>	12.6	13.0	12.3	12.9			11.9	12.5	8.5		7.9	8.3
<b>2008</b>	11.2	12.1	10.7	11.8	7.3		10.7	11.3	7.6	8.4	6.5	7.4
<b>2009</b>	10.0	11.3	9.4	10.8	9.7		9.5	10.7	6.1	7.4	5.9	6.8
<b>2010</b>	9.3	10.2	9.6	9.9	8.9	8.6	8.9	9.7	6.6	6.8	5.9	6.1
<b>2011</b>	9.0	9.4	9.5	9.5	9.6	9.4	8.6	9.0	6.4	6.4	6.2	6.0
<b>2012</b>	9.5	9.3	9.3	9.5	9.0	9.2	8.7	8.8	7.2	6.7	5.9	6.0
<b>2013</b>	8.3	8.9	8.4	9.1	7.9	8.8	8.0	8.5	6.5	6.7	5.5	5.9
<b>2014</b>	9.8	9.2	9.5	9.1	8.8	8.6	9.2	8.6	6.2	6.6	5.6	5.7
<b>2015</b>	8.8	9.0	9.3	9.1	8.6	8.4	9.7	8.9	6.4	6.3	5.6	5.6
<b>2016</b>	8.1	8.9	8.2	9.0	7.5	8.3	7.5	8.8	5.5	6.0	4.9	5.4
<b>2017</b>	8.1	8.4	8.0	8.5	7.3	7.8	7.4	8.2	5.8	5.9	4.8	5.1
<b>2018</b>	8.4	8.2	8.2	8.2	8.4	7.7	7.8	7.6	6.1	5.8	5.4	5.0
<b>2019</b>	7.2	7.9	8.0	8.1	8.5	8.1	7.3	7.5	4.9	5.6	5.8	5.4
<b>2020</b>	7.6	7.8	7.7	8.0	8.2	8.3	6.0	7.0	5.1	5.4	8.0	6.4
<b>2021</b>	10.6	8.5	10.3	8.7	8.5	8.4	9.7	7.7	5.0	5.0	9.0	7.6
<b>2022</b>	10.3	9.5	9.4	9.2	8.3	8.3	8.9	8.2	4.2	4.8	8.9	8.6

## Annual PM2.5 Values Averaged over 3 Years, Cont.

AIRS ID Site	261250001		261390005		261470005		261630025		261610008		261630001	
	Oak Park		Jenison		Port Huron		Livonia		Ypsilanti		Allen Park	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
<b>2005</b>	15.5	14.3	14.0	12.7	15.1	13.8	14.9	13.9	15.6	14.4	15.9	15.1
<b>2006</b>	12.1	13.4	12.0	12.4	12.0	13.1	11.9	13.1	12.5	13.7	13.2	14.5
<b>2007</b>	13.3	13.6	11.7	12.6	12.4	13.2	12.8	13.2	13.0	13.7	12.8	14.0
<b>2008</b>	10.9	12.1	10.8	11.5	11.1	11.9	11.0	11.9	10.9	12.1	11.8	12.6
<b>2009</b>	10.0	11.4	9.2	10.6	9.7	11.1	9.9	11.2	9.9	11.3	11.1	11.9
<b>2010</b>	9.1	10.0	9.1	9.7	8.9	9.9	9.1	10.0	9.2	10.0	10.2	11.0
<b>2011</b>	9.1	9.4	9.1	9.2	9.1	9.3	9.5	9.5	9.7	9.6	10.5	10.6
<b>2012</b>	9.5	9.3	9.0	9.1	9.4	9.2	9.6	9.4	9.2	9.4	10.1	10.3
<b>2013</b>	8.4	9.0	8.1	8.7	8.4	9.0	8.7	9.3	8.6	9.2	9.5	10.0
<b>2014</b>	9.3	9.1	--		9.4	9.1	9.5	9.2	9.7	9.2	10.1	9.9
<b>2015</b>	9.4	9.0	--		9.5	9.1	9.3	9.1	9.4	9.2	9.7	9.8
<b>2016</b>	7.9	8.9	--		7.8	8.9	8.2	9.0	7.9	9.0	8.7	9.5
<b>2017</b>	8.1	8.5	--		8.0	8.4	8.0	8.5	8.0	8.4	8.5	8.9
<b>2018</b>	8.3	8.1	8.3		8.1	8.0	7.4	7.9	8.3	8.1	9.1	8.8
<b>2019</b>	7.7	8.0	8.3		7.6	7.9	7.4	7.6	8.4	8.3	8.7	8.8
<b>2020</b>	7.4	7.8	7.4	8.0	6.7	7.5			8.2	8.3	7.5	8.4
<b>2021</b>	8.2	7.8	10.1	8.6	9.3	7.9			8.8	8.5	10.6	8.9
<b>2022</b>	6.8	7.5	8.9	8.8	8.5	8.2			8.9	8.7	8.9	9.0

AIRS ID Site	261630015		261630016		261630019		261630033		261630036		261630039	
	Detroit-SW		Linwood		Detroit-E 7 Mile		Dearborn		Wyandotte		FIA/Lafayette	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
<b>2005</b>	17.2	16.4	16.0	15.2	16.5	14.8	18.5	18.2	16.4	15.5		
<b>2006</b>	14.7	15.8	13.0	14.2	12.7	14.1	16.1	17.2	12.9	14.3	13.1	
<b>2007</b>	14.5	15.5	13.9	14.3	13.0	14.1	16.9	17.2	13.4	14.3	13.8	
<b>2008</b>	12.8	14.0	11.9	12.9	11.3	12.3	13.3	15.4	10.9	12.4	12.2	13.1
<b>2009</b>	11.1	12.8	10.4	12.1	10.5	11.6	12.1	14.1	10.4	11.6	10.7	12.3
<b>2010</b>	10.7	11.5	9.9	10.7	9.9	10.6	11.3	12.2	9.4	10.2	10.0	11.0
<b>2011</b>	10.9	10.9	10.1	10.1	9.4	10.0	11.2	11.5	8.9	9.5	10.5	10.4
<b>2012</b>	11.1	10.9	10.0	10.0	9.9	9.7	11.9	11.5	9.3	9.2	10.1	10.2
<b>2013</b>	10.1	10.7	8.9	9.6	8.7	9.3	11.0	11.4	8.0	8.7	9.7	10.1
<b>2014</b>	11.0	10.7	9.7	9.5	9.6	9.4	11.7	11.5	9.7	9.0	9.7	9.8
<b>2015</b>	11.3	10.8	10.2	9.6	9.8	9.4	11.5	11.4	8.6	8.8	9.2	9.6
<b>2016</b>	11.3	11.2	8.9	9.6	8.1	9.2	10.7	11.3	7.7	8.7	8.4	9.1
<b>2017</b>	11.0	11.2	9.0	9.4	7.9	8.6	10.6	10.9	7.2	7.8	7.9	8.5
<b>2018</b>	11.5	11.3	8.9	8.9	8.4	8.1	10.6	10.6	8.0	7.6	8.9	8.4
<b>2019</b>	12.1	11.6			7.6	8.0	9.9	10.4				
<b>2020</b>	9.1	10.9			7.5	7.8	9.4	10.0				
<b>2021</b>	11.0	10.7			8.3	7.8	10.3	9.9				
<b>2022</b>	11.6	10.6			7.2	7.6	9.3	9.7				

## Annual PM2.5 Values Averaged over 3 Years, Cont.

AIRS ID Site	261630095		261530001		261630093		261630098		261630099		261630100	
	Livonia Near RD		Seney		Eliza Howell-NR		DP4th		Trinity		Military Park	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
2005												
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015	9.5											
2016	8.4											
2017	7.6	8.5										
2018	9.0	8.3					11.4		11.9		12.2	
2019	8.4	8.3	4.2				10.2		11.3		11.0	
2020			4.6		10.6		9.6	10.4	10.7	11.3	10.9	11.4
2021			6.8	5.2	11.5		11.1	10.3	12.4	11.5	11.2	11.0
2022			6.1	5.8	11.0	11.0	9.8	10.2	12.0	11.7	10.9	11.0

The PM2.5 NAAQS is met when the annual average concentration averaged over a 3-year period does not exceed 12.0 ug/m3.

In 2012 the annual NAAQS was reduced from 15 ug/m3 to 12 ug/m3.

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