

## Annual PM2.5 Values Averaged over 3 Years

Updated 8/24/2021  
Concentrations in ug/m3

AIRS ID Site	260050003		260170014		260210014		260490021		260650012		260650018	
	Holland		Bay City		Coloma		Flint		Lansing		Lansing Filley St.	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
<b>2005</b>	12.39	12.0	12.44	11.1	13.05	11.9	12.89	11.8	13.53	12.5		
<b>2006</b>	11.48	11.7	10.16	10.8	10.95	11.4	10.92	11.4	11.47	12.0		
<b>2007</b>	11.69	11.9	10.17	10.9	11.53	11.8	11.07	11.6	11.48	12.2		
<b>2008</b>	9.68	10.9	8.89	9.7	9.78	10.8	9.77	10.6	9.85	10.9		
<b>2009</b>	8.57	10.0	8.19	9.1	9.04	10.1	8.73	9.9	9.06	10.1		
<b>2010</b>	8.50	8.9	8.16	8.4	8.74	9.2	8.88	9.1	8.98	9.3		
<b>2011</b>	8.44	8.5	7.67	8.2	8.71	9.1	8.45	8.7	8.65	8.9		
<b>2012</b>	8.52	8.5	7.72	7.9	8.70	8.8	7.98	8.4	8.65	8.8		
<b>2013</b>	7.82	8.3	7.47	7.6	7.97	8.5	7.44	8.0	7.58	8.3		
<b>2014</b>	8.68	8.3	8.17	7.8	8.49	8.4	8.92	8.1	9.38	8.5		
<b>2015</b>	7.87	8.1	7.73	7.8	8.49	8.3	8.15	8.2	8.56	8.5		
<b>2016</b>	6.99	7.8	6.84	7.6	7.35	8.1	7.18	8.1	7.31	8.4		
<b>2017</b>	7.49	7.4	6.75	7.1	7.99	7.9	7.10	7.5	7.23	7.7		
<b>2018</b>	7.61	7.4	7.15	6.9			7.40	7.2	7.62	7.4	7.82	
<b>2019</b>	7.15	7.4	6.78	6.9			7.20	7.2			7.27	
<b>2020</b>	5.96	6.9	4.75	6.2			6.01	6.9			7.06	7.4

AIRS ID Site	260770008		260770008		260810020		260810020		260910007		260990009	
	Kalamazoo 1		Kalamazoo 2		Grand Rapids 1		Grand Rapids 2		Tecumseh		New Haven	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
<b>2005</b>	13.83	13.0	14.65	13.3	13.72	13.1	15.37	13.5			14.38	13.1
<b>2006</b>	12.57	12.6	12.76	12.8	12.62	12.8	13.04	13.2			11.28	12.5
<b>2007</b>	12.62	13.0	13.95	13.8	12.25	12.9	14.66	14.4			11.94	12.5
<b>2008</b>	11.19	12.1	11.08	12.6	10.67	11.8	10.66	12.8	7.28		10.66	11.3
<b>2009</b>	10.02	11.3	9.92	11.6	9.42	10.8	9.67	11.7	9.74		9.49	10.7
<b>2010</b>	9.31	10.2	9.19	10.1	9.62	9.9	10.04	10.1	8.91	8.6	8.92	9.7
<b>2011</b>	9.02	9.4	8.85	9.3	9.47	9.5	9.25	9.7	9.57	9.4	8.61	9.0
<b>2012</b>	9.52	9.3	10.04	9.4	9.32	9.5	9.36	9.5	9.00	9.2	8.74	8.8
<b>2013</b>	8.27	8.9	8.78	9.2	8.37	9.1	8.80	9.1	7.93	8.8	8.14	8.5
<b>2014</b>	9.64	9.1	9.55	9.5	9.48	9.1	9.30	9.2	8.78	8.6	9.15	8.7
<b>2015</b>	9.64	9.2	9.33	9.2	9.30	9.1	10.37	9.5	8.57	8.4	9.72	9.0
<b>2016</b>	8.09	9.1	8.25	9.0	8.16	9.0	8.48	9.4	7.46	8.3	7.51	8.8
<b>2017</b>	8.03	8.6	8.36	8.6	8.12	8.5	8.31	9.1	7.34	7.8	7.40	8.2
<b>2018</b>	8.47	8.2	8.21	8.3	8.25	8.2	7.65	8.1	7.96	7.6	7.82	7.6
<b>2019</b>	7.35	8.0	6.83	7.8	8.20	8.2	7.20	7.7	8.5	7.9	7.30	7.5
<b>2020</b>	7.70	7.8	7.11	7.4	7.73				8.19	8.2	6.00	7.0

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

AIRS ID Site	261010922 Manistee		261130001 Houghton Lake		261250001 Oak Park		261390005 Jenison		261470005 Port Huron		261630025 Livonia	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
	<b>2005</b>			9.38	8.2	15.47	14.3	13.99	12.7	15.09	13.8	14.93
<b>2006</b>	9.12		7.77	8.1	12.11	13.4	12.02	12.4	12.04	13.1	11.86	13.1
<b>2007</b>	8.54		7.88	8.3	13.33	13.6	11.68	12.6	12.44	13.2	12.75	13.2
<b>2008</b>	7.62	8.4	6.48	7.4	10.86	12.1	10.82	11.5	11.08	11.9	11.01	11.9
<b>2009</b>	6.14	7.4	5.91	6.8	10.03	11.4	9.19	10.6	9.74	11.1	9.88	11.2
<b>2010</b>	6.61	6.8	5.94	6.1	9.12	10.0	9.15	9.7	8.94	9.9	9.10	10.0
<b>2011</b>	6.39	6.4	6.16	6.0	9.14	9.4	9.13	9.2	9.14	9.3	9.47	9.5
<b>2012</b>	7.16	6.7	5.92	6.0	9.51	9.3	8.98	9.1	9.37	9.2	9.62	9.4
<b>2013</b>	6.45	6.7	5.48	5.9	8.37	9.0	8.09	8.7	8.44	9.0	8.66	9.3
<b>2014</b>	6.16	6.6	5.61	5.7	9.33	9.1	--		9.39	9.1	9.45	9.2
<b>2015</b>	6.36	6.3	5.59	5.6	9.37	9.0	--		9.50	9.1	9.31	9.1
<b>2016</b>	5.50	6.0	4.87	5.4	7.84	8.8	--		7.77	8.9	8.16	9.0
<b>2017</b>	5.84	5.9	4.81	5.1	8.11	8.4	--		8.01	8.4	7.98	8.5
<b>2018</b>	6.13	5.8	5.42	5.0	8.27	8.1	8.32		8.09	8.0	7.45	7.9
<b>2019</b>	4.93	5.6	5.80	5.3	7.74	8.0	8.30		7.64	7.9	7.45	7.6
<b>2020</b>	5.10	5.4	8.04	6.4	7.42	7.8	7.39	8.0	6.75	7.5		

AIRS ID Site	261610008 Ypsilanti 1		261610008 Ypsilanti 2		261630001 Allen Park		261630015 Detroit-SW		261630016 Linwood		261630019 Detroit-E 7 Mile	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr
	<b>2005</b>	15.61	14.4	16.70	14.3	15.94	15.1	17.21	16.4	16.01	15.2	16.48
<b>2006</b>	12.55	13.7	13.53	13.8	13.18	14.5	14.68	15.8	13.04	14.2	12.71	14.1
<b>2007</b>	12.98	13.7	14.30	14.8	12.76	14.0	14.54	15.5	13.86	14.3	13.01	14.1
<b>2008</b>	10.91	12.1	12.99	13.6	11.83	12.6	12.85	14.0	11.94	12.9	11.33	12.3
<b>2009</b>	9.94	11.3	9.80	12.4	11.06	11.9	11.12	12.8	10.36	12.1	10.54	11.6
<b>2010</b>	9.24	10.0	9.40	10.7	10.23	11.0	10.67	11.5	9.85	10.7	9.89	10.6
<b>2011</b>	9.74	9.6	8.54	9.2	10.47	10.6	10.90	10.9	10.08	10.1	9.43	10.0
<b>2012</b>	9.20	9.4	9.91	9.3	10.07	10.3	11.14	10.9	10.01	10.0	9.90	9.7
<b>2013</b>	8.64	9.2	9.18	9.2	9.48	10.0	10.11	10.7	8.86	9.6	8.71	9.3
<b>2014</b>	9.79	9.2	9.37	9.5	10.12	9.9	10.99	10.7	9.74	9.5	9.63	9.4
<b>2015</b>	9.59	9.3	9.07	9.2	9.66	9.8	11.26	10.8	10.18	9.6	9.79	9.4
<b>2016</b>	7.84	9.1	8.06	8.8	8.72	9.5	11.32	11.2	8.94	9.6	8.11	9.2
<b>2017</b>	7.97	8.5	8.32	8.5	8.47	8.9	11.01	11.2	9.00	9.4	7.88	8.6
<b>2018</b>	8.35	8.1	8.87	8.4	9.11	8.8	11.89	11.4	8.86	8.9	8.40	8.1
<b>2019</b>	8.33	8.2	7.57	8.3	8.69	8.8	10.76	11.2			7.61	8.0
<b>2020</b>	7.17	7.9	8.22	8.2	7.46	8.4	8.39	10.3			7.50	7.8

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

AIRS ID Site	261630033 Dearborn 1		261630033 Dearborn 2		261630036 Wyandotte		261630039 FIA/Lafayette		261630095 Livonia Near RD		261530001 Seney	
	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Annual	3-Yr	Daily	3-Yr
<b>2005</b>	18.55	18.2			16.42	15.5						
<b>2006</b>	16.13	17.2			12.92	14.3	13.13					
<b>2007</b>	16.89	17.2			13.45	14.3	13.83					
<b>2008</b>	13.34	15.4			10.94	12.4	12.23	13.1				
<b>2009</b>	12.07	14.1			10.36	11.6	10.70	12.3				
<b>2010</b>	11.33	12.2	12.31		9.36	10.2	10.05	11.0				
<b>2011</b>	11.20	11.5	11.23		8.93	9.5	10.49	10.4				
<b>2012</b>	11.89	11.5	12.30	11.9	9.31	9.2	10.14	10.2				
<b>2013</b>	11.00	11.4	10.80	11.4	8.00	8.7	9.33	10.0				
<b>2014</b>	11.76	11.5	11.64	11.6	9.71	9.0	9.68	9.7				
<b>2015</b>	11.52	11.4	11.74	11.4	8.62	8.8	9.12	9.4	9.53			
<b>2016</b>	10.67	11.3	10.52	11.3	7.70	8.7	8.38	9.1	8.53			
<b>2017</b>	10.04	10.7	10.15	10.8	7.18	7.8	8.46	8.7	8.48	8.8		
<b>2018</b>	10.60	10.4	10.63	10.4	8.64	7.8	5.65	7.5	9.10	8.7		
<b>2019</b>	9.90	10.2	9.08	10.0				7.1	8.36	8.6		
<b>2020</b>	9.40	10.0	9.08	9.6							4.56	

  

AIRS ID Site	261630093 Eliza Howell-NR		261630098 DP4th		261630099 Trinity		261630100 Military Park	
	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr	Daily	3-Yr
<b>2006</b>								
<b>2007</b>								
<b>2008</b>								
<b>2009</b>								
<b>2010</b>								
<b>2011</b>								
<b>2012</b>								
<b>2013</b>								
<b>2014</b>								
<b>2015</b>								
<b>2016</b>								
<b>2017</b>								
<b>2018</b>			11.4		11.9		12.2	
<b>2019</b>			10.2		11.3		11.0	
<b>2020</b>	10.8		9.6	10.4	10.8	11.4	10.9	11.4

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.