

Annual Average Nitrogen Dioxide and Oxides of Nitrogen Per Year

updated 6/22/2022

Concentration in ppb

AIRS ID	260810020	261630001	260650012	261130001	261390005	261630015	261630016	261630019	261630093	261630094	261630095	261630098	261630099	261630100
Site	Grand Rapids*	Allen Park*	Lansing	Houghton Lake	Jenison	Detroit-SW	Linwood	Detroit-E 7 Mile	Eliza Howell-NR	Eliza Howell-Downwind	Livonia-NR	DP4th	Trinity	Military Park
2005							19.6	17.32						
2006							15.8	14						
2007								13.59						
2008	16.6	24.96						12.78						
2009	18.45	24.84						12.63						
2010	17.37	25.19						11.96						
2011	17.44	20.46	7.45	1.01				12.07						
2012	17.43	22.8	7.19	1.39				11.29	18.67	12.86				
2013	13.33	20.77	6.61	1.36				10.56	18.22	12.09				
2014	15.02	21.05	6.97	1.24				11.91	16.35	12.3				
2015	14.5	20.41	6.94	1.37				11.29	18.13	12.42	10.66			
2016	13.48	17.2	6.6	1.69				10.2	16.29	11.24	9.43			
2017	12.55	14.17	6.45	1.42				9.34	15.92	11.09	9.35			
2018	11.72	14.28	6.3	1.37		12.67		9.25	15.67	10.37	9.56	14.38	14.41	13.98
2019	11.4	14.84	6.91	1.07	5.65	14.05		9.17	15.55		10.57	14.83	13.86	12.93
2020	10.29	12.55	5.73	1.02	4.71	11.23		9.50	13.05			12.25	11.94	11.14
2021	7.63		6.28	1.02		11.63		7.63	13.73			12.56	12.47	12.55

The nitrogen dioxide NAAQS is met when the annual arithmetic mean does not exceed 53 ppb.

*Grand Rapids and Allen Park measure reactive oxides of nitrogen (NO_y) and is not used for NAAQS determinations, E 7 Mile switched to a Noy in 2019.