

OZONE SEASON SUMMARY 2026

Sunil Kumar
Principal Environmental Engineer

MWAQC-TAC
June 9, 2026

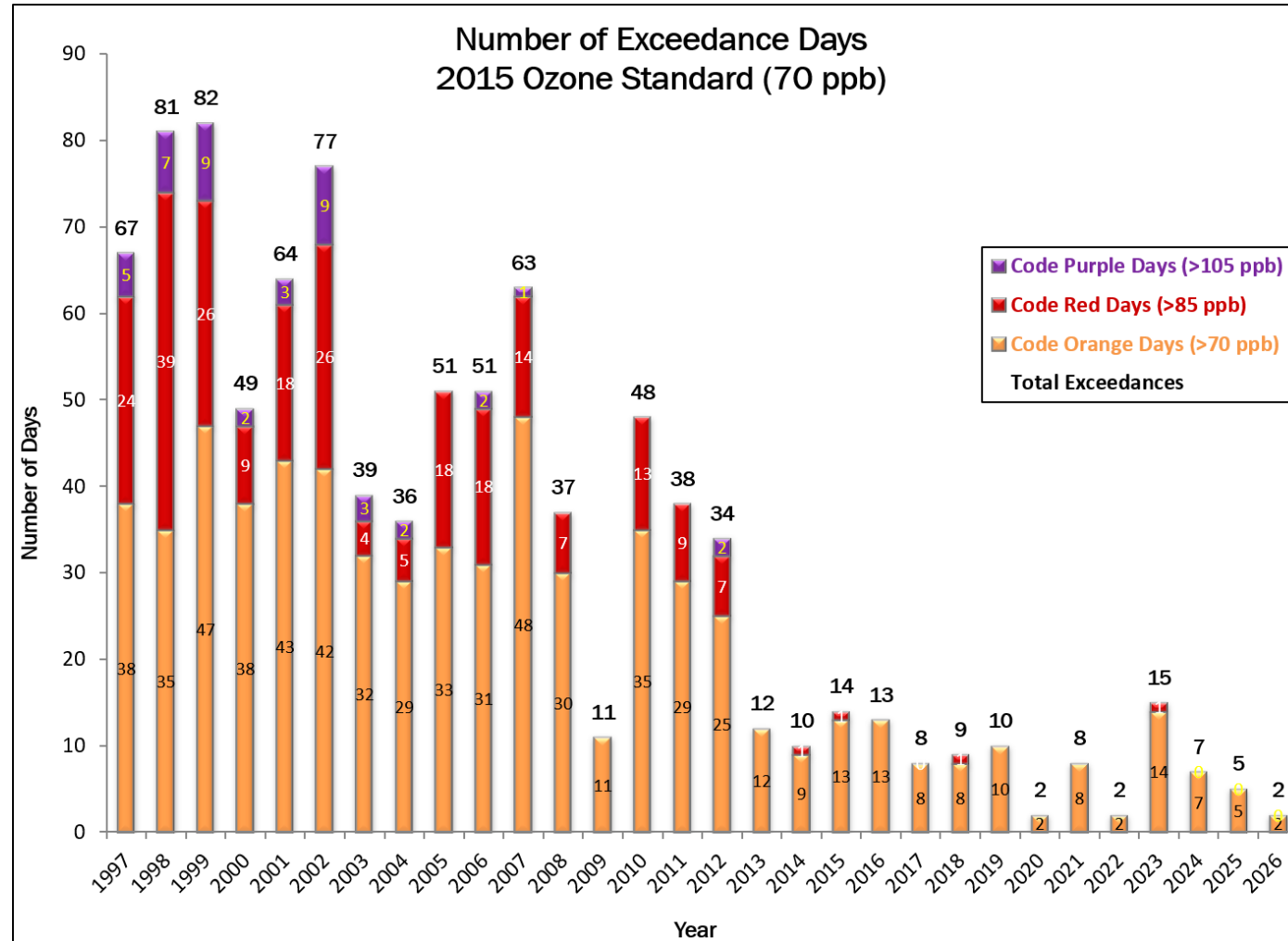
Peak 8-Hour Average Ozone Levels (ppb)

March 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01	02	03	04	05	06	07
44	37	25	21	25	33	29
08	09	10	11	12	13	14
41	48	51	42	40	45	49
15	16	17	18	19	20	21
47	34	40	39	46	54	52
22	23	24	25	26	27	28
53	39	42	49	59	39	44
29	30	31				
48	45	48				
May 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	01	02
					51	46
03	04	05	06	07	08	09
51	57	65	48	50	54	49
10	11	12	13	14	15	16
57	40	54	53	37	46	62
17	18	19	20	21	22	23
61	73	70	61	37	39	39
24	25	26	27	28	29	30
33	29	35	40	51	48	48
31						
59						

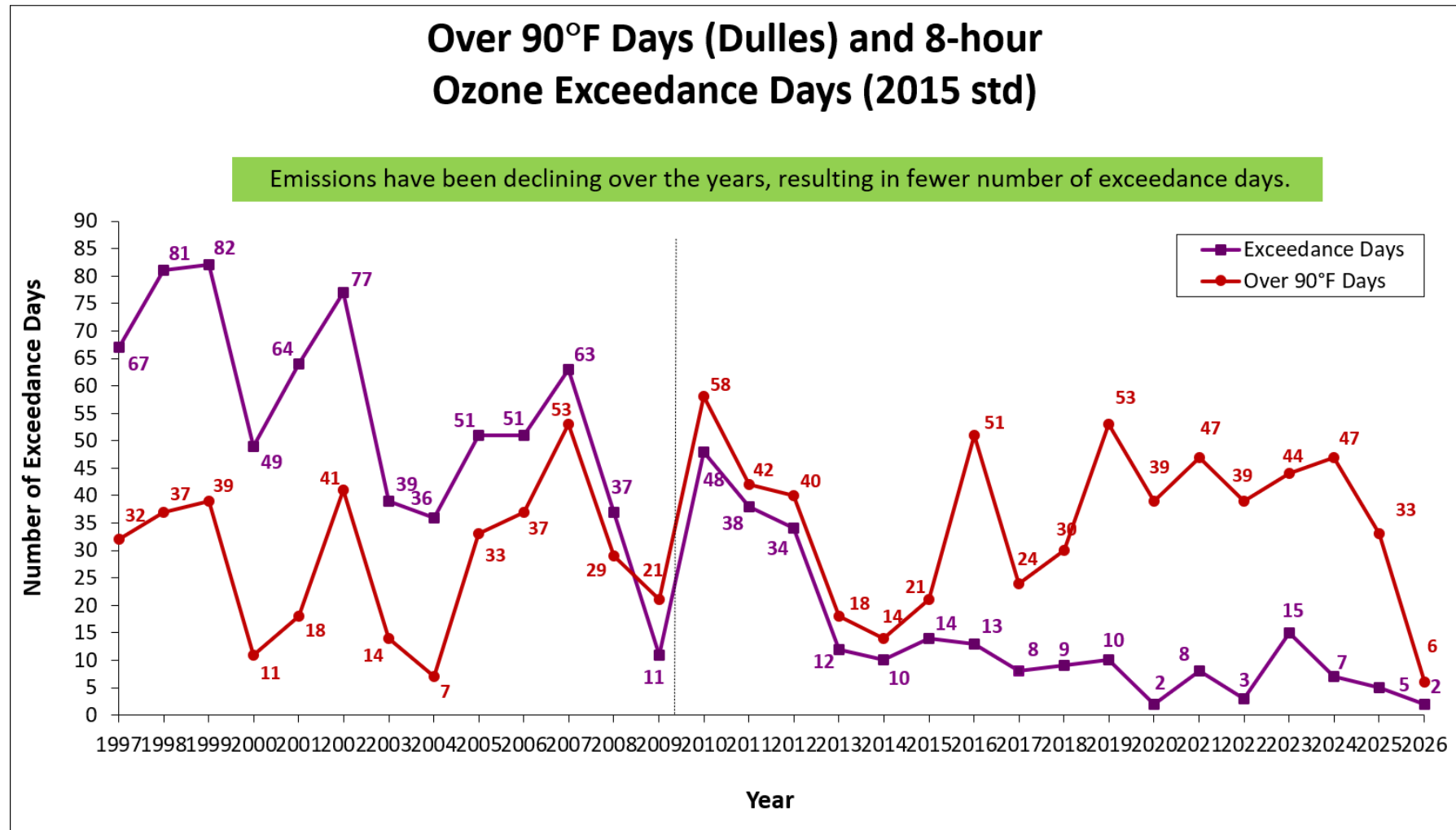
April 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	01	02	03	04
			49	27	42	49
05	06	07	08	09	10	11
39	49	50	51	50	56	54
12	13	14	15	16	17	18
52	52	54	53	64	61	59
19	20	21	22	23	24	25
48	48	52	55	67	62	45
26	27	28	29	30		
40	55	42	43	50		
June 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	01	02	03	04	05	06
	59	52	57	64	79	
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



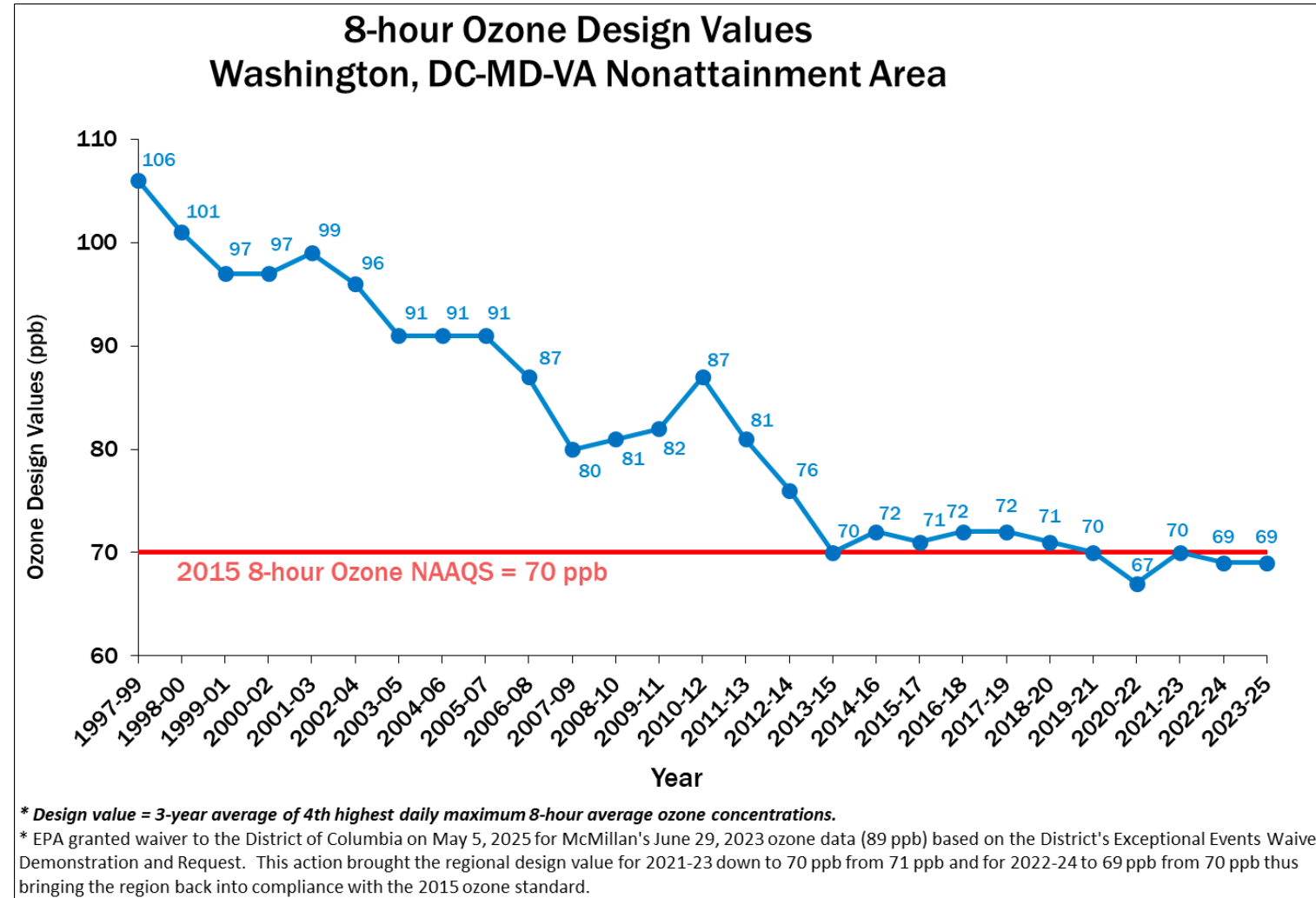
Ozone Exceedance Trend



Ozone & Temperature Trend



Ozone Design Value Trends



Why Fewer Exceedance Days Now ?

Emission Control Programs

Federal	State	Local
Acid Rain Program (1996/2000)	Vehicle Inspection & Maintenance Programs	Renewable Energy Programs Regional Wind Power Purchase Program Clean Energy Rewards Program Renewable Portfolio Standards
Tier 2 (LD Vehicle) Rule (2004)	Maryland Healthy Air Act (2009/2012)	Energy Efficiency Programs LED Traffic Signal Retrofit program Building Energy Efficiency Programs
HD Diesel vehicle Rule (2004/2007)	Virginia CSAPR Rule	VRE Idling Reduction
NOX SIP Call (2004)	Ozone Transport Commission Rules	LOW VOC Paint
CAIR/CSAPR/CSAPR Update/Revised CSAPR Update (2009/2015/2017/2021)		Gas Can Replacement



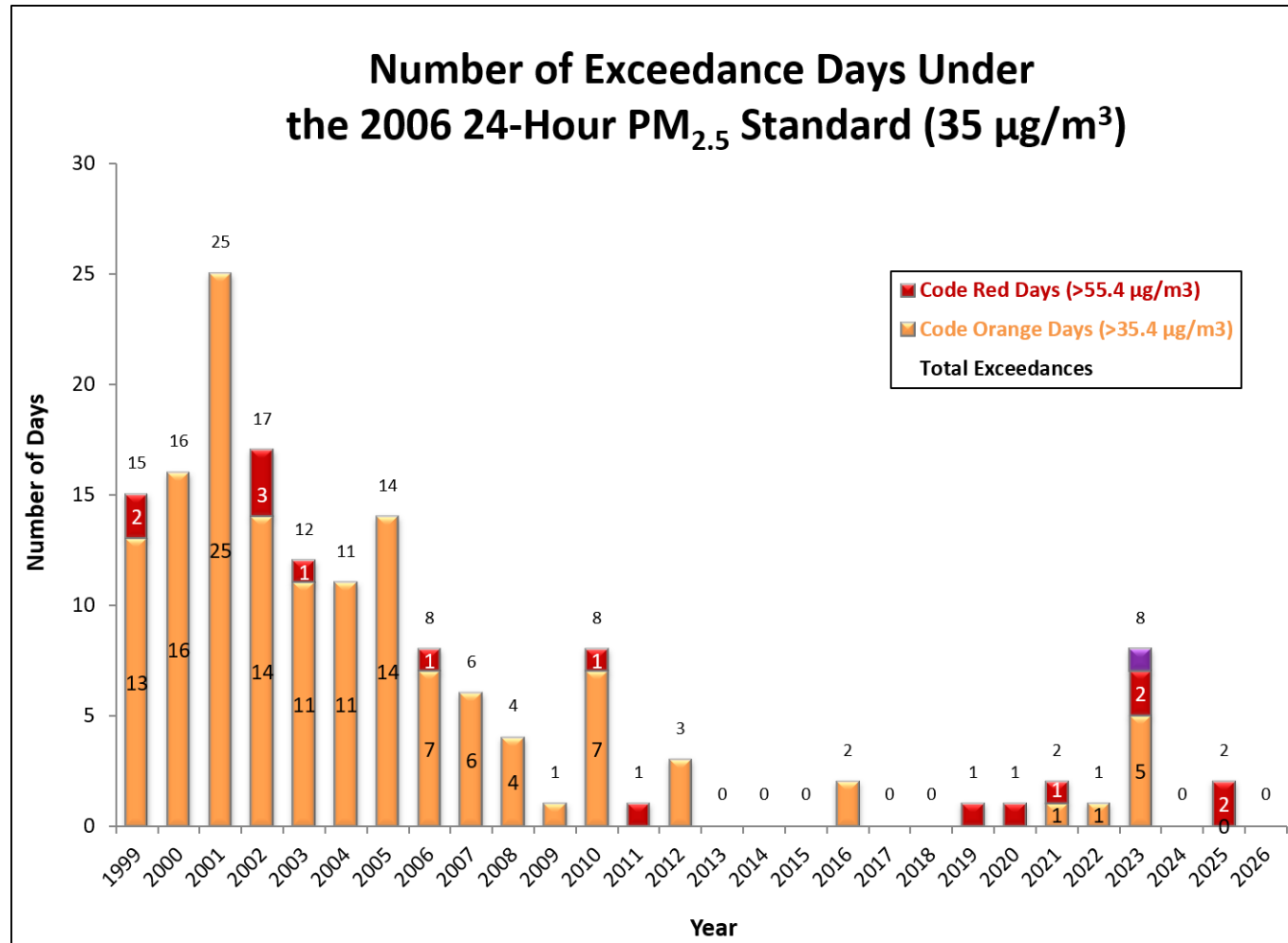
24-Hour Average PM2.5 Levels ($\mu\text{g}/\text{m}^3$)

March 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01	02	03	04	05	06	07
8.8	7.4	13.8	17.3	24.2	18.7	8.4
08	09	10	11	12	13	14
9.7	9.9	10.9	13.5	4.1	4.5	4.4
15	16	17	18	19	20	21
5.8	4.5	2.5	5.2	7.2	10.1	9.1
22	23	24	25	26	27	28
12.2	6.2	4.2	7.1	14.6	7.3	4.4
29	30	31				
6.8	6.3	9.1				
May 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	01	02
					3.4	4.1
03	04	05	06	07	08	09
3.5	5.4	8.0	7.6	5.1	5.7	9.2
10	11	12	13	14	15	16
9.6	5.8	5.2	6.4	4.4	4.1	9.0
17	18	19	20	21	22	23
12.1	18.5	14.2	12.3	8.5	5.6	3.9
24	25	26	27	28	29	30
7.6	10.6	9.4	6.5	4.9	4.4	5.5
31						
6.1						

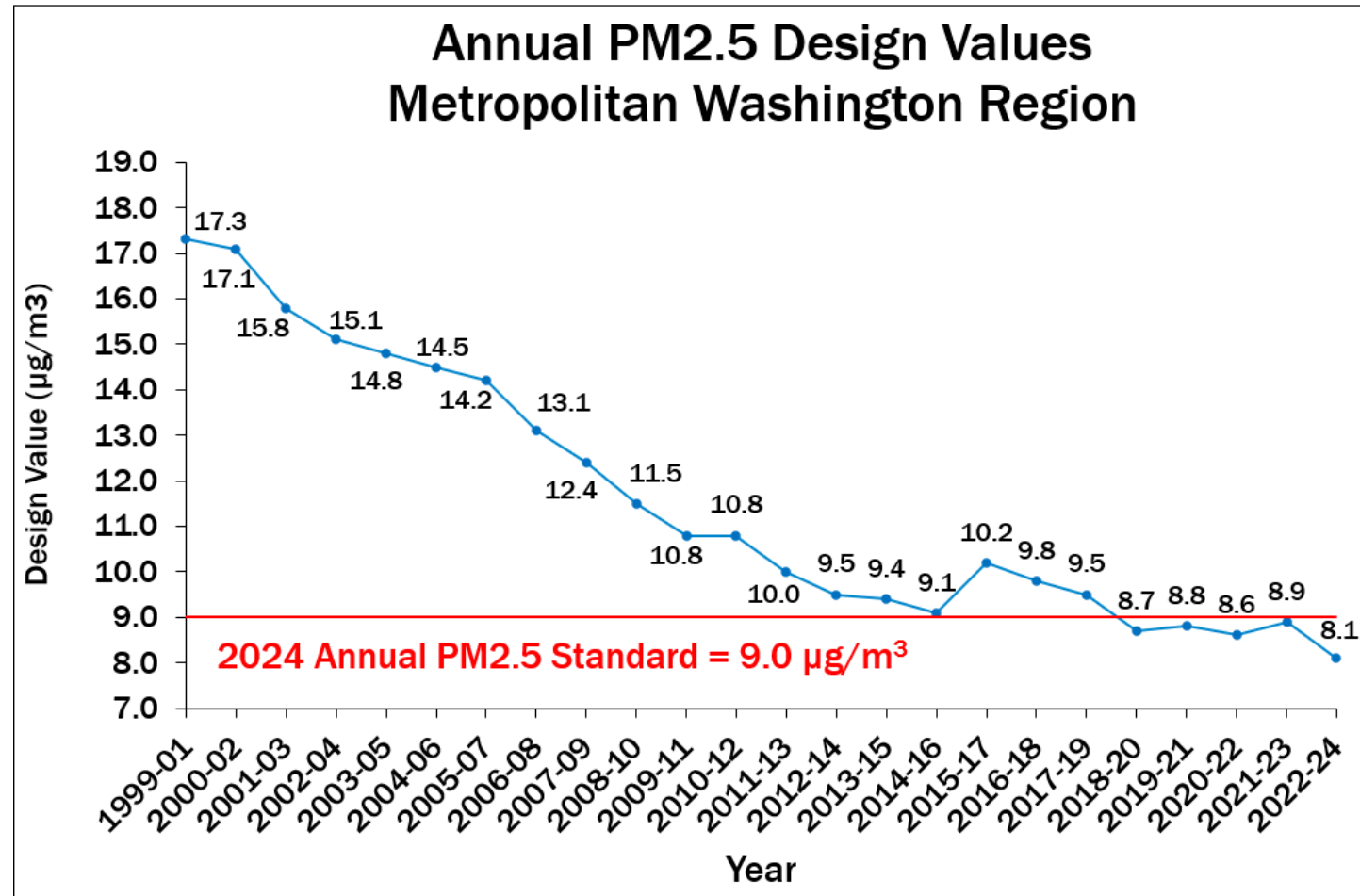
April 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	01	02	03	04
			9.0	8.9	6.6	9.5
05	06	07	08	09	10	11
3.9	3.8	4.8	5.6	7.2	8.2	8.5
12	13	14	15	16	17	18
8.5	10.2	11.1	9.7	13.4	6.0	10.0
19	20	21	22	23	24	25
5.6	4.6	5.0	9.8	11.0	11.1	7.8
26	27	28	29	30		
4.2	7.3	5.0	5.5	4.0		
June 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	01	02	03	04	05	06
	6.1	6.0	6.5	9.2	12.3	
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



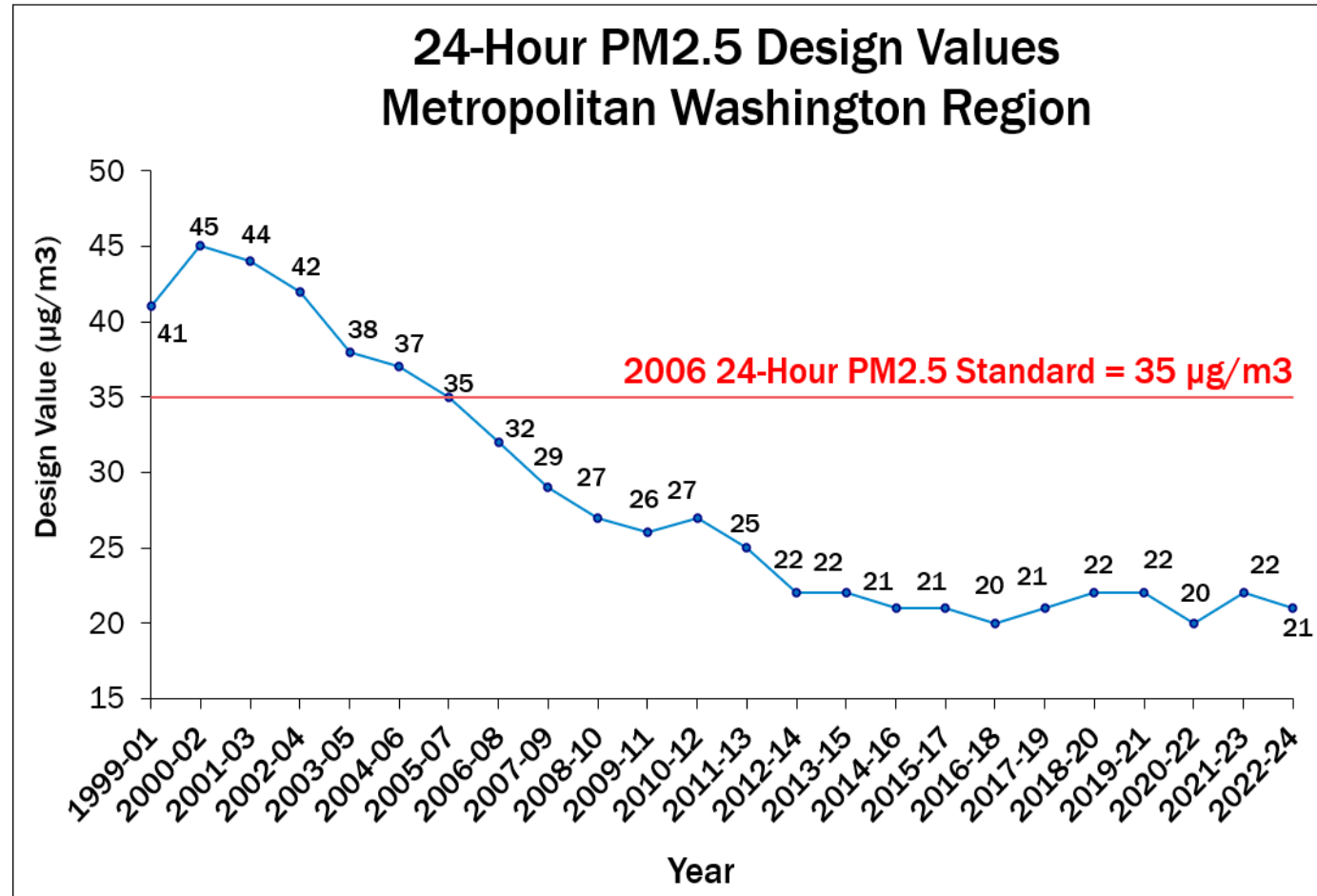
PM2.5 Exceedance Trend



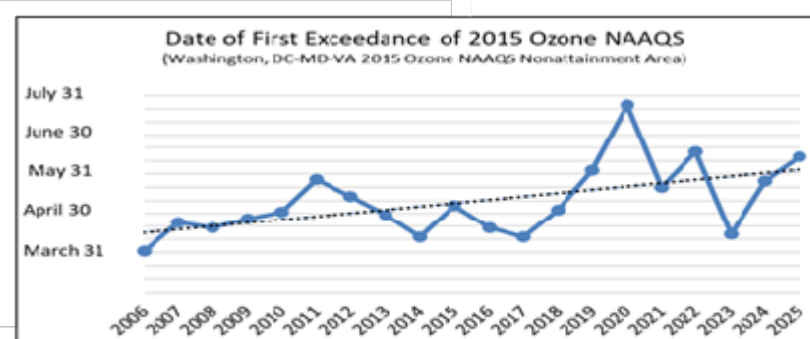
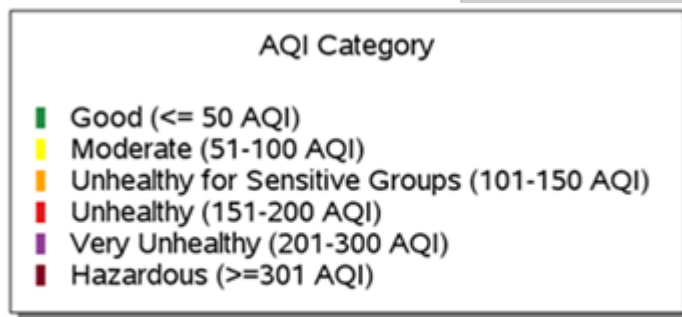
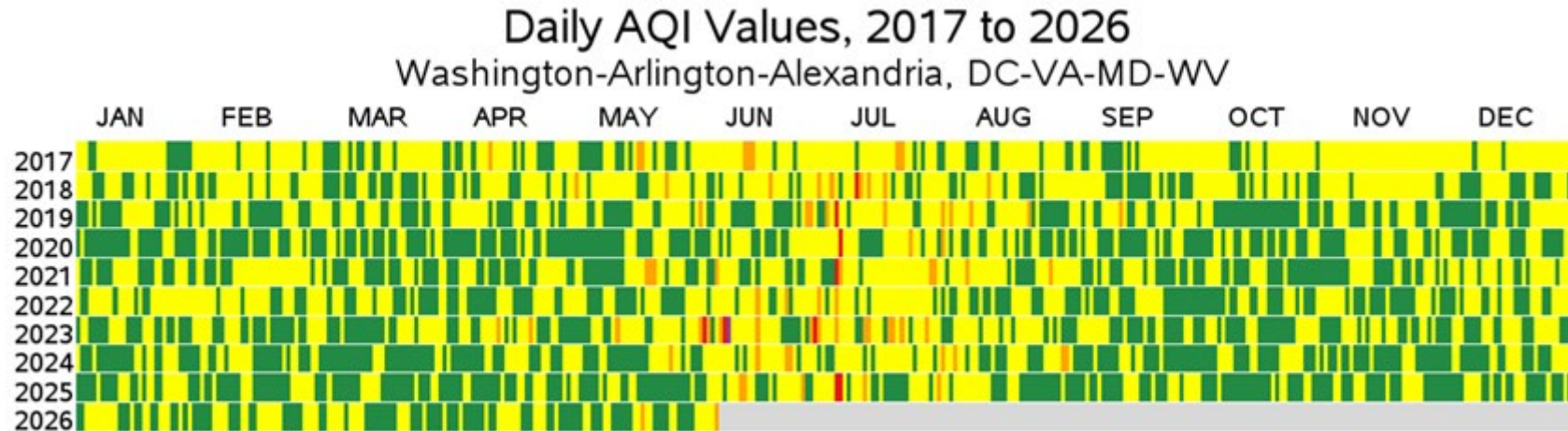
Annual PM2.5 Design Value Trend



24-Hour PM2.5 Design Value Trend



AQI Value Trends



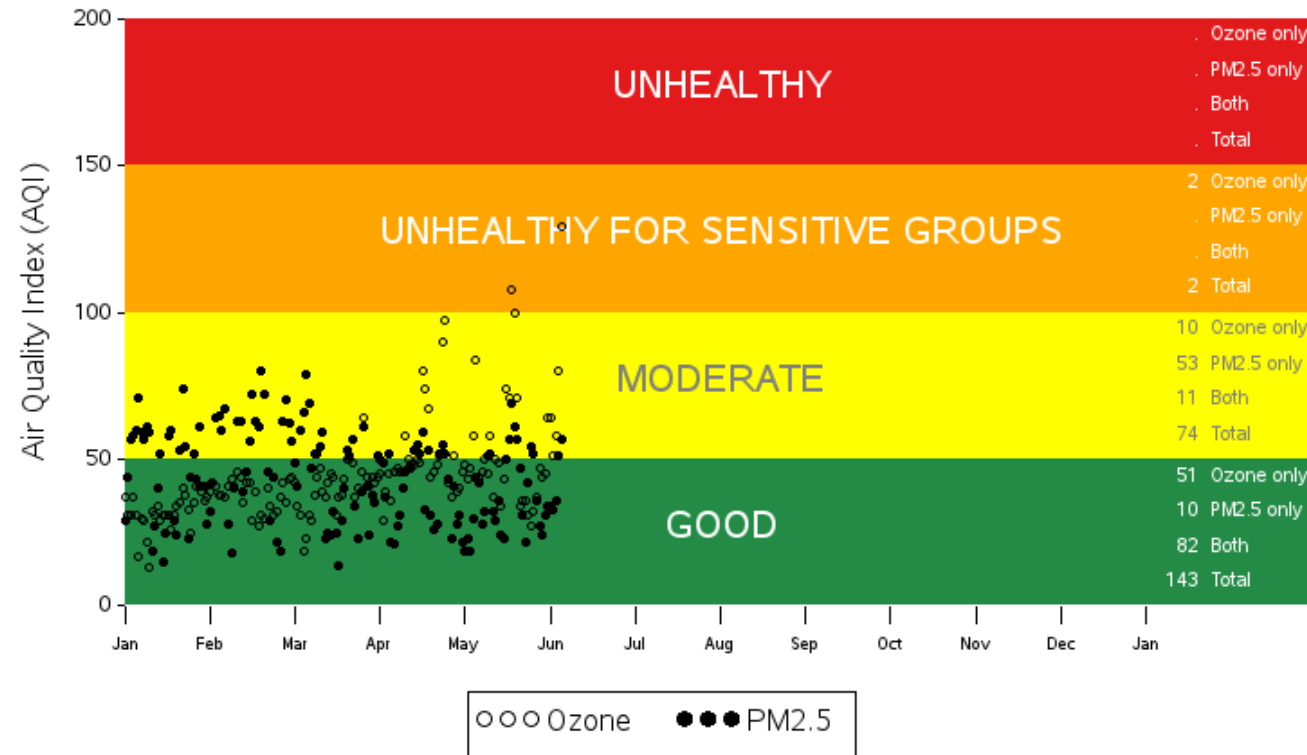
Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: May 11, 2026

Note: Data shown above is for combined AQI values for ozone, PM_{2.5}, PM₁₀, CO, NO₂, and SO₂ for the Washington-Arlington-Alexandria CBSA.



AQI Values - 2025

Daily Ozone and PM2.5 AQI Values in 2026
Washington-Arlington-Alexandria, DC-VA-MD-WV

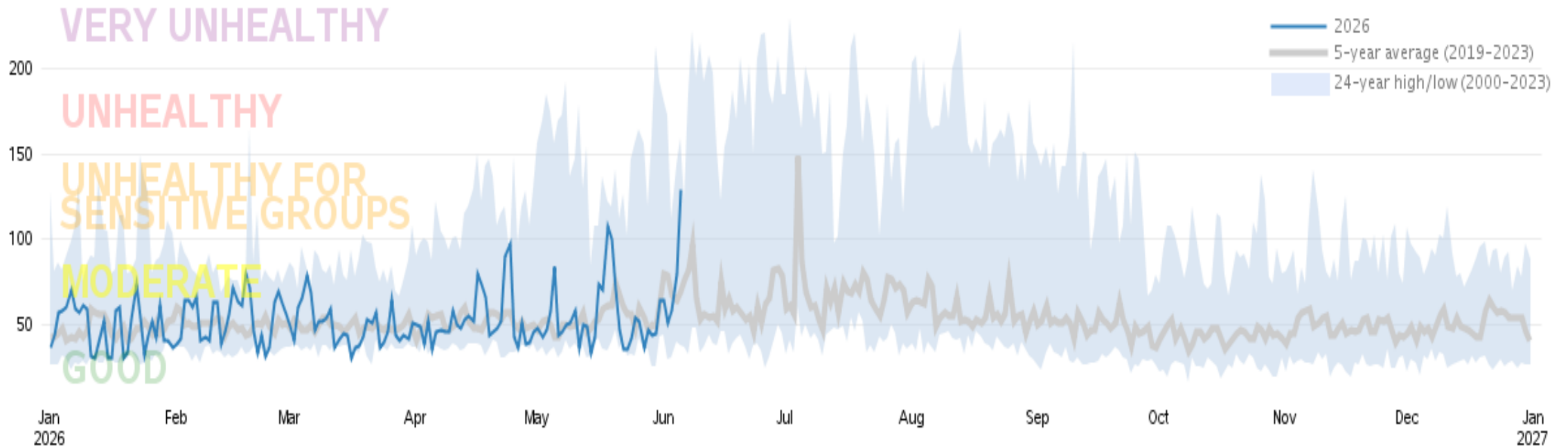


Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: June 6, 2026

AQI Value Trends

Combined Ozone and PM2.5 Daily AQI Values

Washington-Arlington-Alexandria, DC-VA-MD-WV



Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: June 6, 2026

Note: Data shown above is for the Washington-Arlington-Alexandria CBSA.

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