

OZONE SEASON SUMMARY 2026

Sunil Kumar
Principal Engineer (Air)

MWAQC-TAC
September 8, 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				

June 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	01	02	03	04	05	06
	59	52	57	64	79	60
07	08	09	10	11	12	13
62	42	51	40	50	52	65
14	15	16	17	18	19	20
54	52	57	59	53	54	55
21	22	23	24	25	26	27
58	53	36	49	55	62	51
28	29	30				
38	65	58				

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		

July 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	01	02	03	04
			67	71	69	63
05	06	07	08	09	10	11
60	52	48	53	45	56	54
12	13	14	15	16	17	18
49	53	60	72	70	90	53
19	20	21	22	23	24	25
54	60	43	57	59	62	59
26	27	28	29	30	31	
54	63	47	45	39	56	

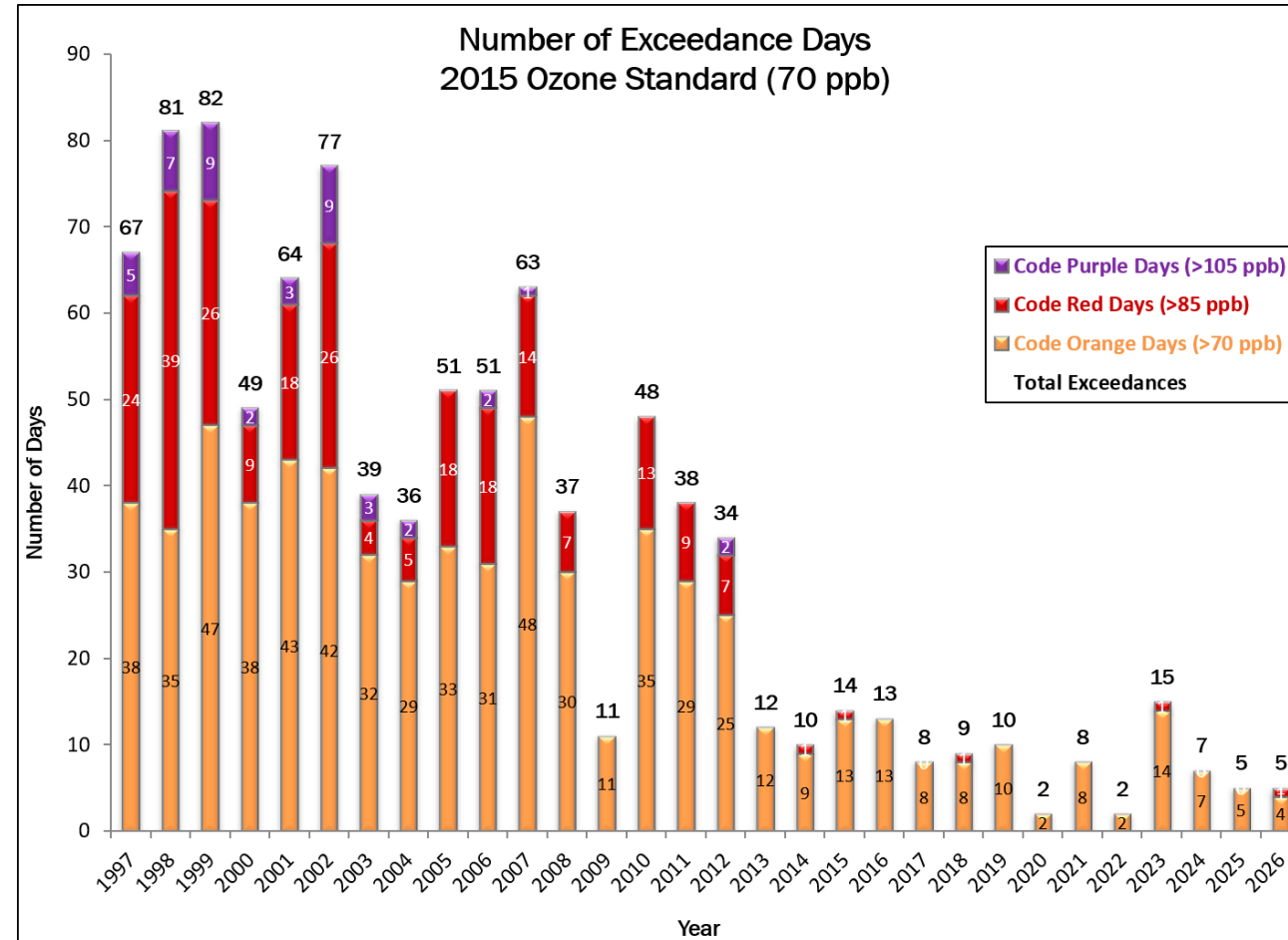
September 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	01	02	03	04	05
		59	50	61	53	46
06	07	08	09	10	11	12
40						
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

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						

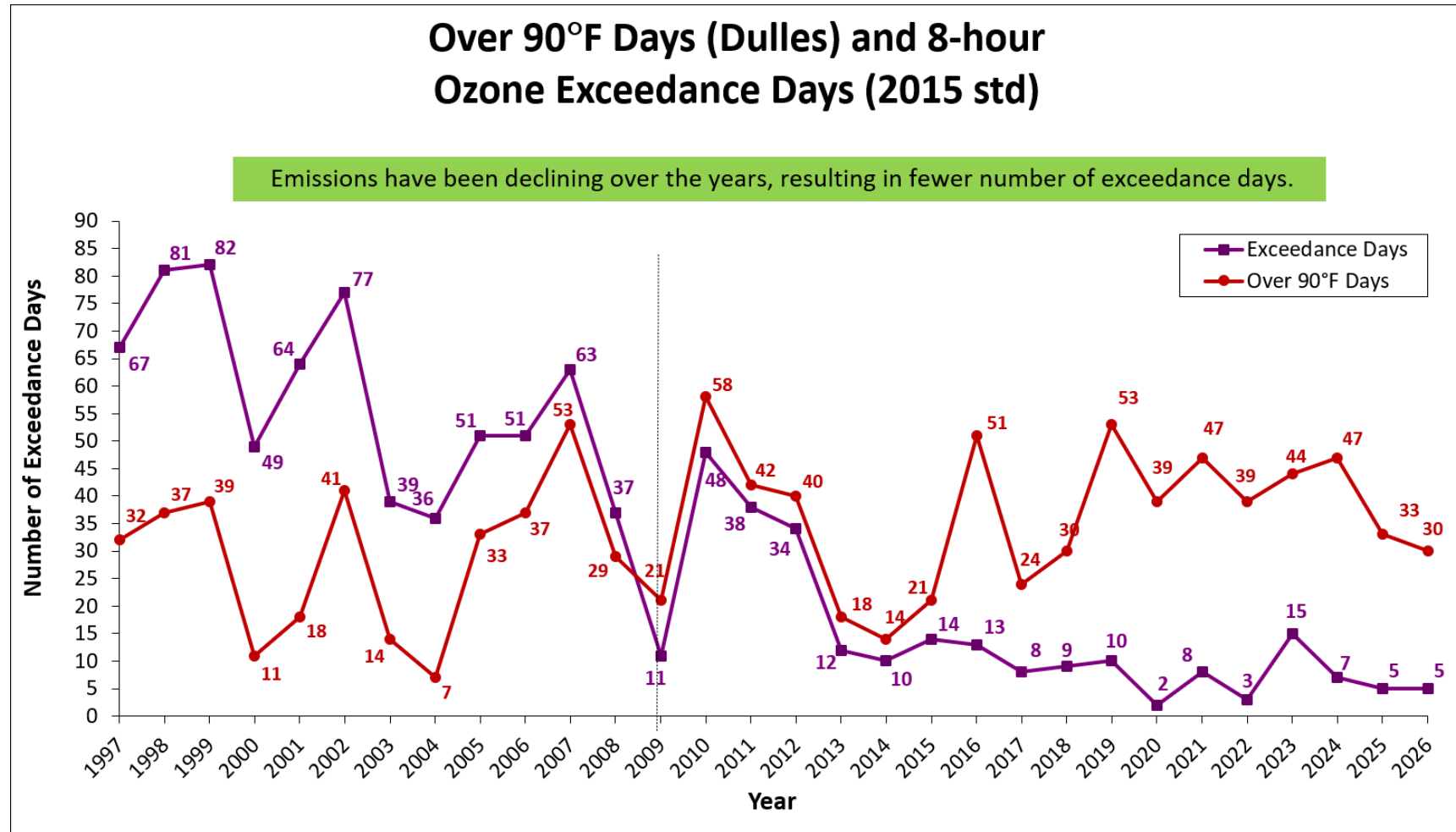
August 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	01
						54
02	03	04	05	06	07	08
39	47	59	35	49	52	49
09	10	11	12	13	14	15
51	58	66	67	61	53	60
16	17	18	19	20	21	22
40	50	49	63	45	63	47
23	24	25	26	27	28	29
41	51	46	49	50	58	52
30	31					
49	61					

* 2026 Data is preliminary.

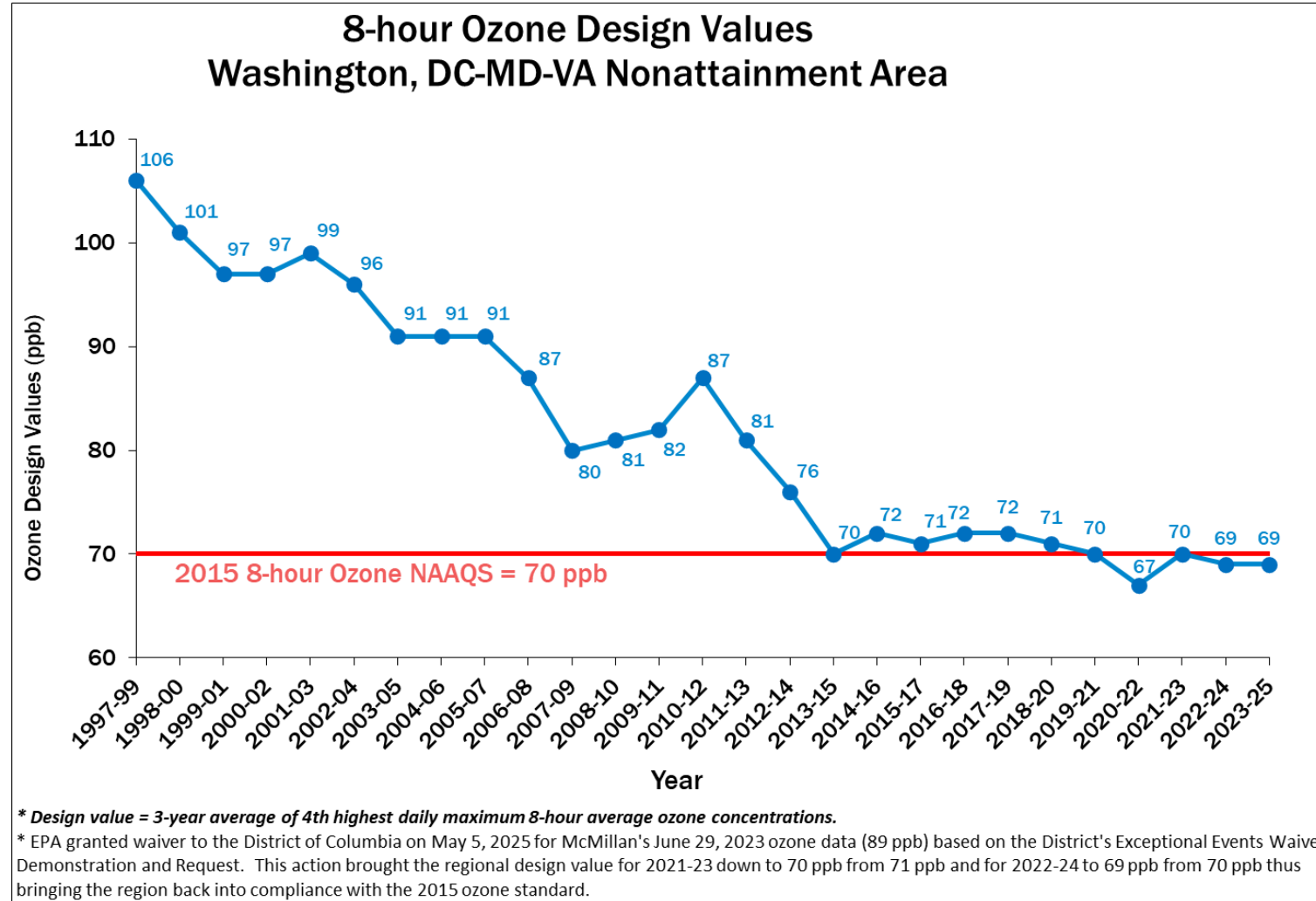
Ozone Exceedance Trend



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 (µg/m³)

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				

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	13.1
07	08	09	10	11	12	13
9.5	5.4	6.4	11.2	11.0	8.1	6.6
14	15	16	17	18	19	20
13.3	6.6	5.6	9.9	10.5	4.8	10.7
21	22	23	24	25	26	27
12.5	13.4	5.0	6.3	9.5	11.5	10.5
28	29	30				
10.2	13.0	8.5				

April 2026						
Sunday						
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		

July 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	01	02	03	04
			23.8	26.4	22.7	38.2
05	06	07	08	09	10	11
54.7	11.3	13.5	9.0	8.9	12.1	10.5
12	13	14	15	16	17	18
11.8	9.0	12.2	12.9	25.1	139.3	58.1
19	20	21	22	23	24	25
22.6	22.1	12.6	9.3	7.6	9.8	7.4
26	27	28	29	30	31	
8.4	13.4	15.6	9.2	6.4	8.2	

September 6						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	01	02	03	04	05
		15.0	9.5	10.0	7.3	9.7
06	07	08	09	10	11	12
7.6						
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May 2026						
Sunday						
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						

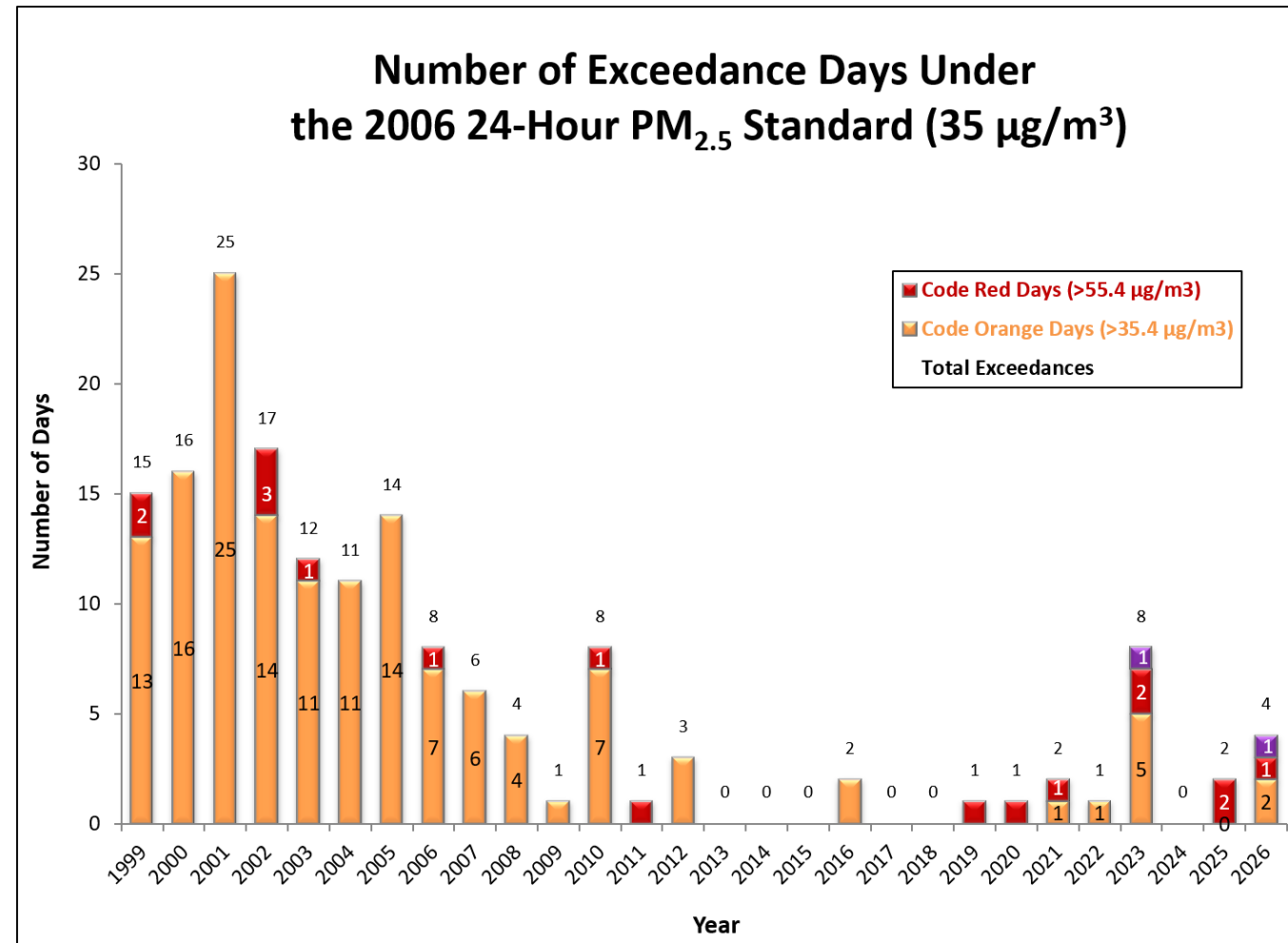
August 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	01
						12.3
02	03	04	05	06	07	08
9.2	7.6	7.2	7.4	10.5	7.3	9.3
09	10	11	12	13	14	15
12.8	14.4	14.7	15.0	13.2	18.2	14.9
16	17	18	19	20	21	22
14.0	10.4	9.0	10.2	10.8	9.0	9.7
23	24	25	26	27	28	29
8.2	9.7	9.6	9.6	12.2	11.7	8.1
30	31					
8.8	11.8					

* 2026 Data is preliminary,

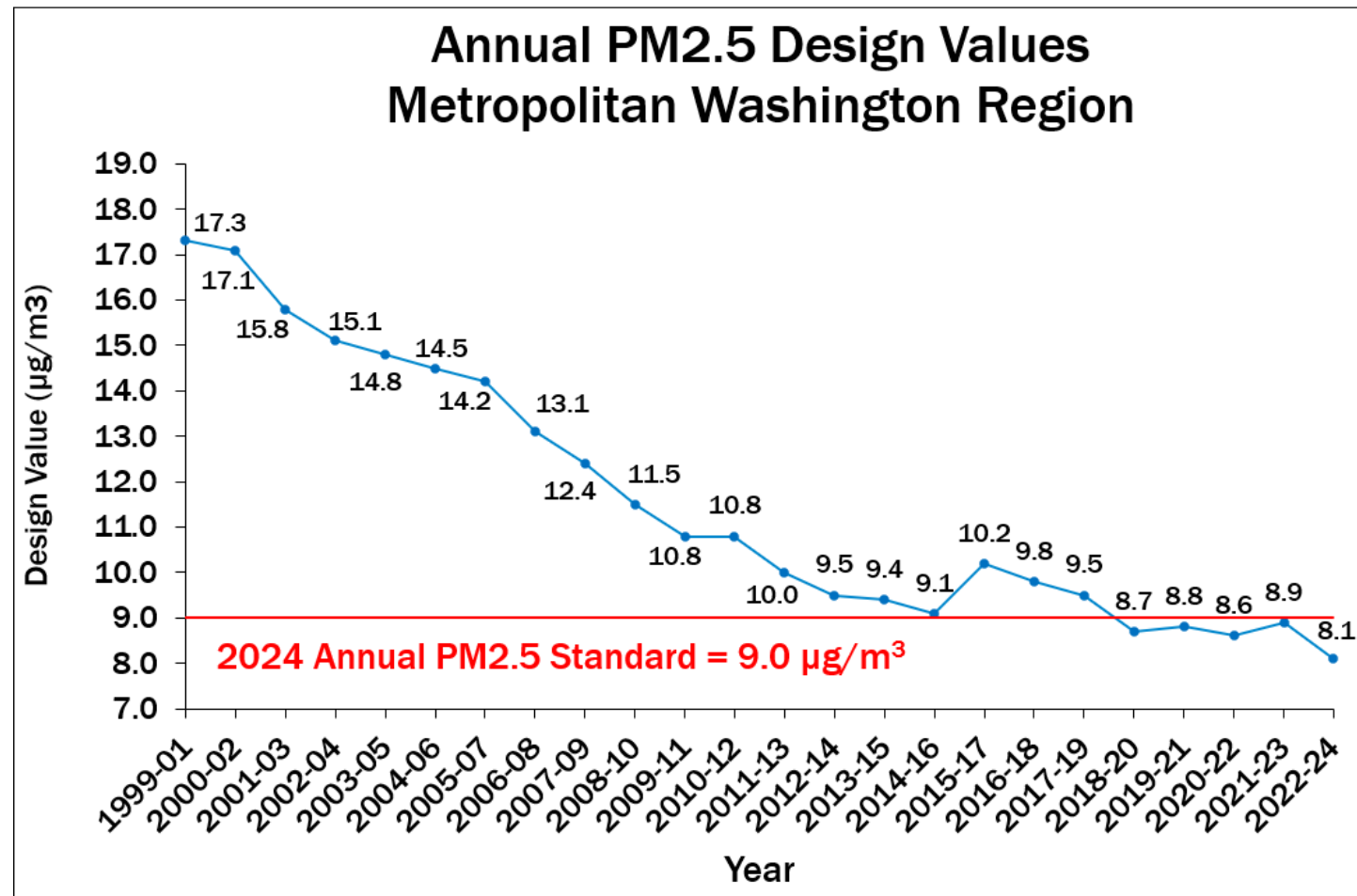


Metropolitan Washington
Council of Governments

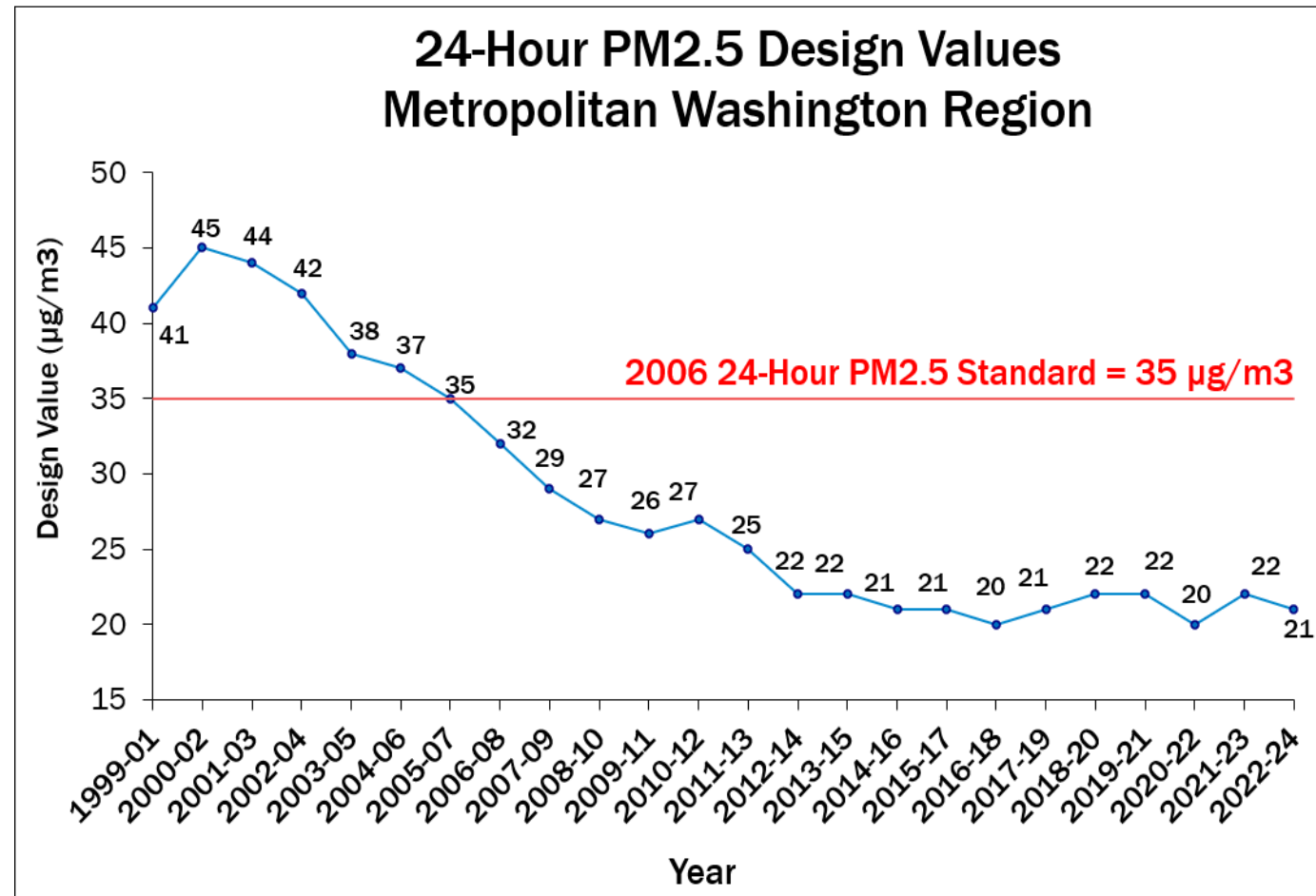
PM2.5 Exceedance Trend



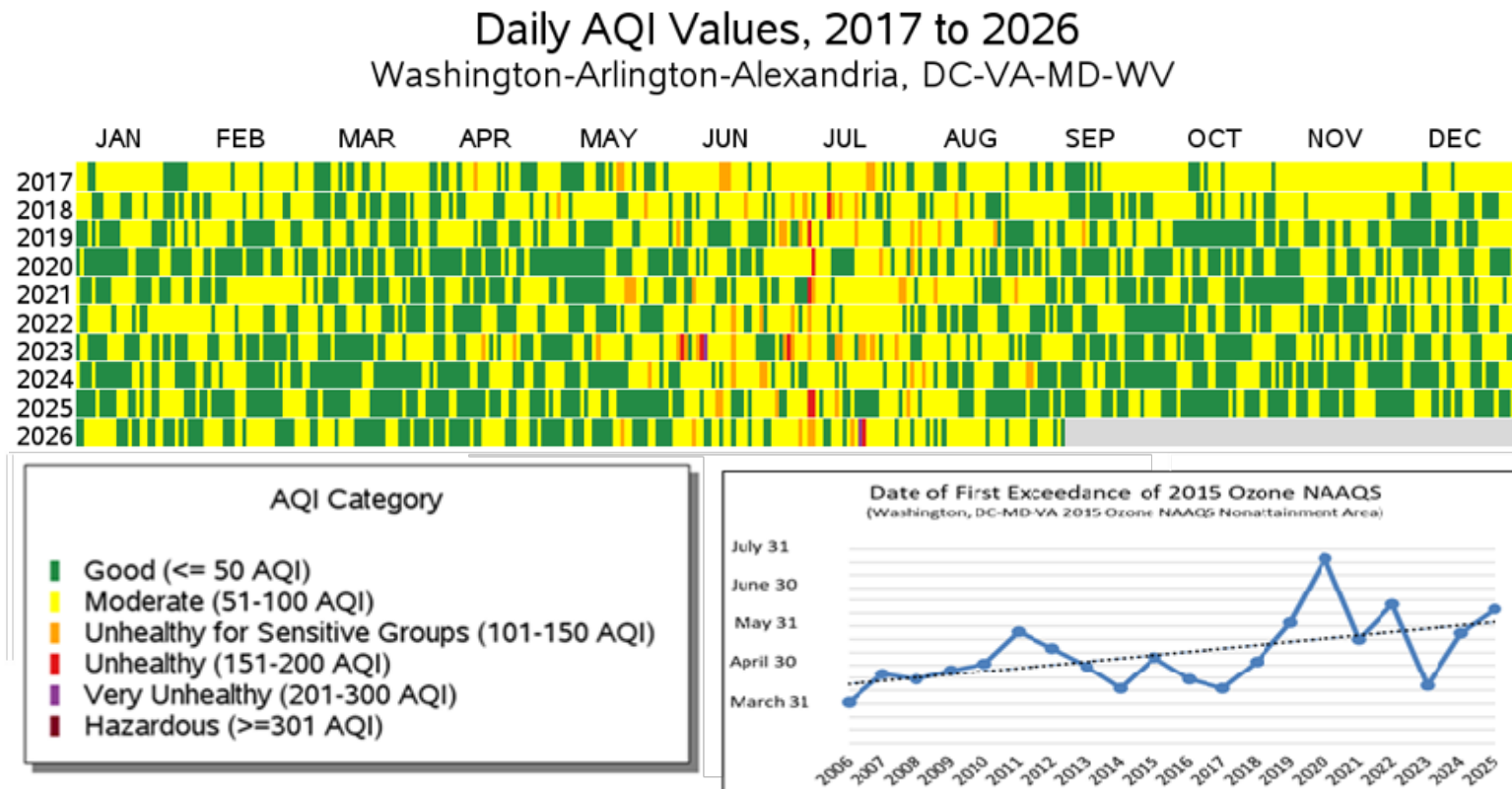
Annual PM2.5 Design Value Trend



24-Hour PM2.5 Design Value Trend



AQI Value Trends



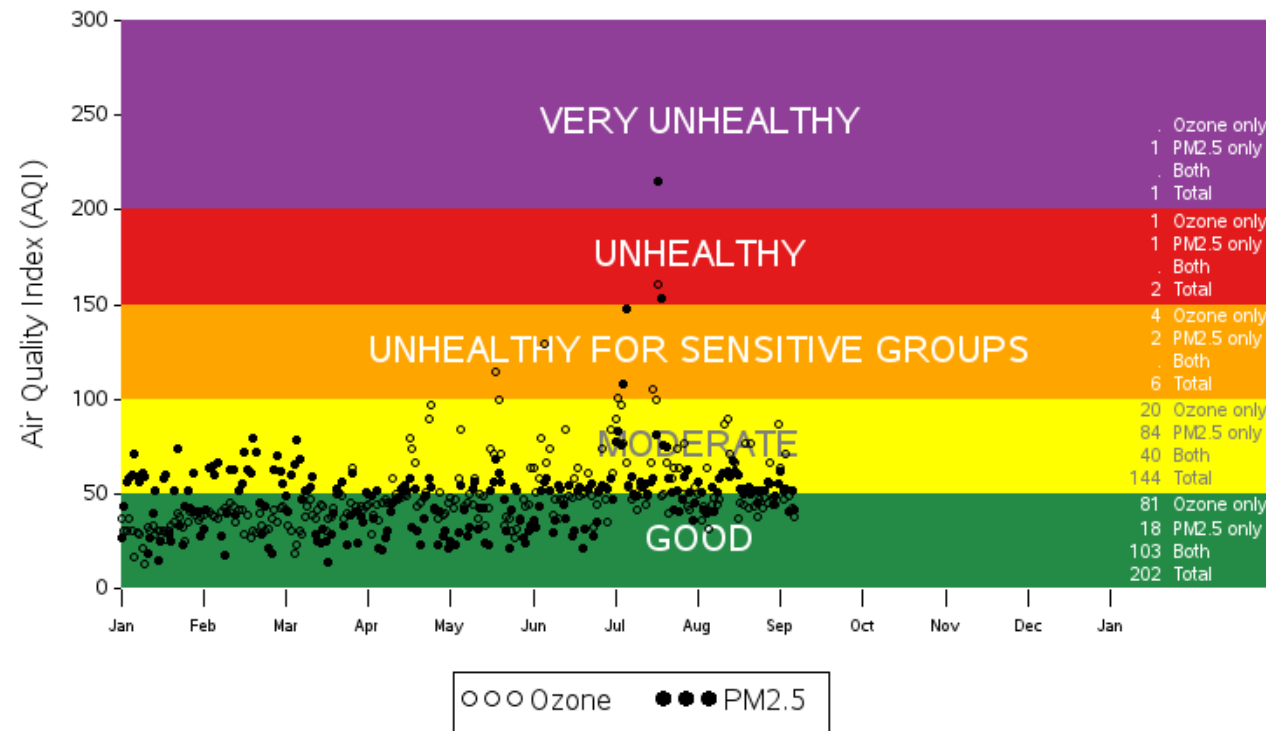
Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: September 7, 2026

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 - 2026

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

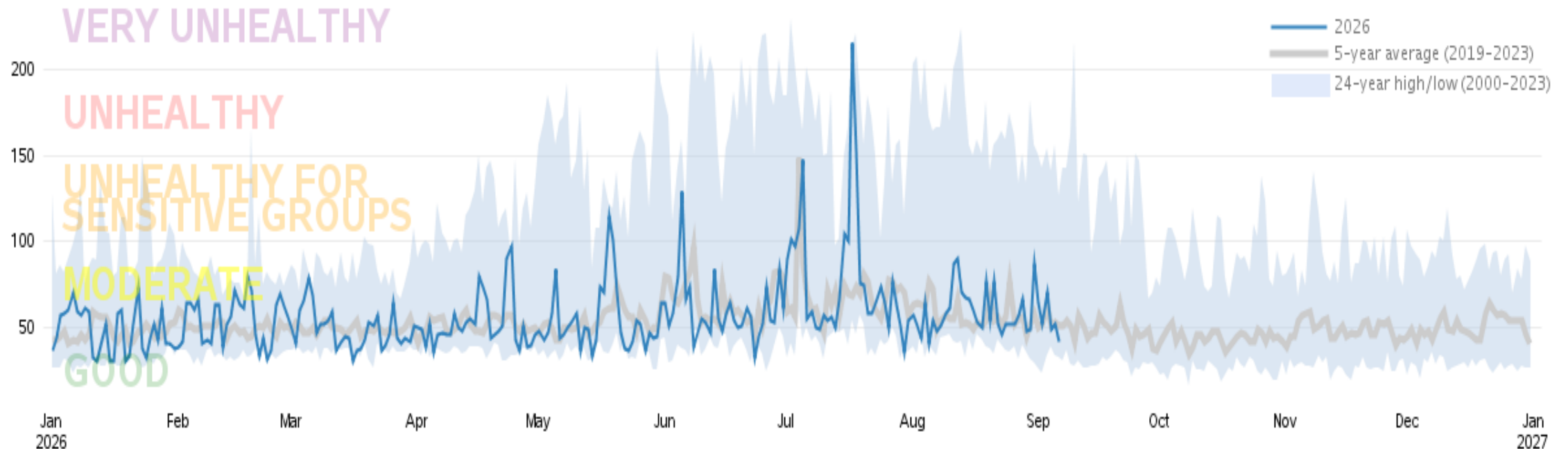


Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: September 7, 2026

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: September 7, 2026

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

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