

# OZONE SEASON SUMMARY 2026

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Sunil Kumar  
Principal Environmental Engineer

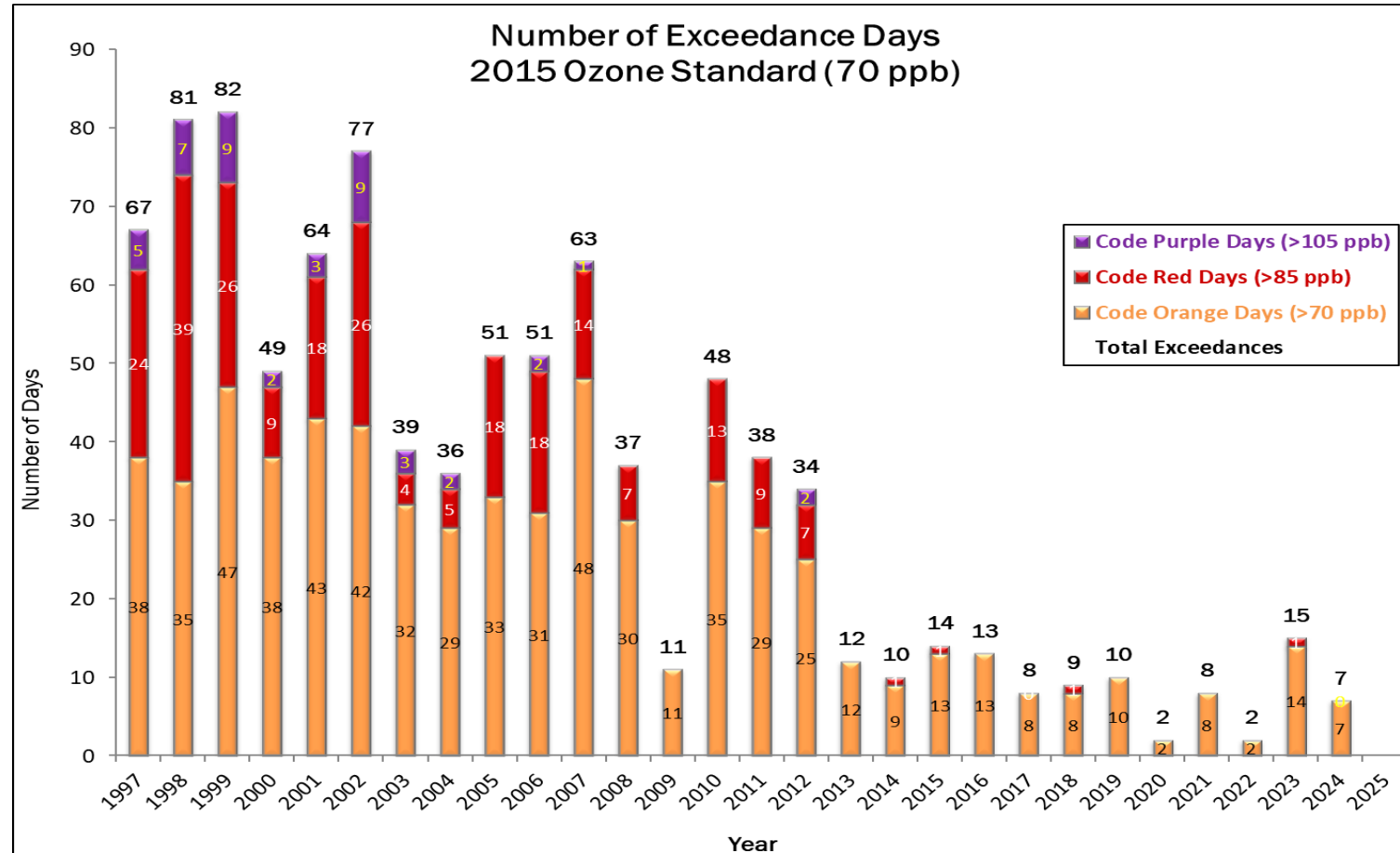
MWAQC-TAC  
May 12, 2026

# Peak 8-Hour Average Ozone Levels (ppb)

March 2025						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
23	24	25	26	27	28	01
						<b>45</b>
02	03	04	05	06	07	08
<b>41</b>	<b>41</b>	<b>50</b>	<b>42</b>	<b>43</b>	<b>47</b>	<b>47</b>
09	10	11	12	13	14	15
<b>49</b>	<b>51</b>	<b>55</b>	<b>53</b>	<b>43</b>	<b>43</b>	<b>43</b>
16	17	18	19	20	21	22
<b>40</b>	<b>33</b>	<b>46</b>	<b>52</b>	<b>51</b>	<b>46</b>	<b>50</b>
23	24	25	26	27	28	29
<b>48</b>	<b>45</b>	<b>50</b>	<b>46</b>	<b>49</b>	<b>55</b>	<b>57</b>
30	31					
<b>46</b>	<b>48</b>					

April 2025						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	01	02	03	04	05
		<b>44</b>	<b>51</b>	<b>35</b>	<b>48</b>	<b>41</b>
06	07	08	09	10	11	12
<b>34</b>	<b>34</b>	<b>47</b>	<b>49</b>	<b>53</b>	<b>43</b>	<b>40</b>
13	14	15	16	17	18	19
<b>48</b>	<b>53</b>	<b>48</b>	<b>47</b>	<b>51</b>	<b>62</b>	<b>50</b>
20	21	22	23	24	25	26
<b>48</b>	<b>48</b>	<b>57</b>	<b>65</b>	<b>65</b>	<b>53</b>	<b>42</b>
27	28	29	30			
<b>49</b>	<b>54</b>	<b>58</b>	<b>52</b>			

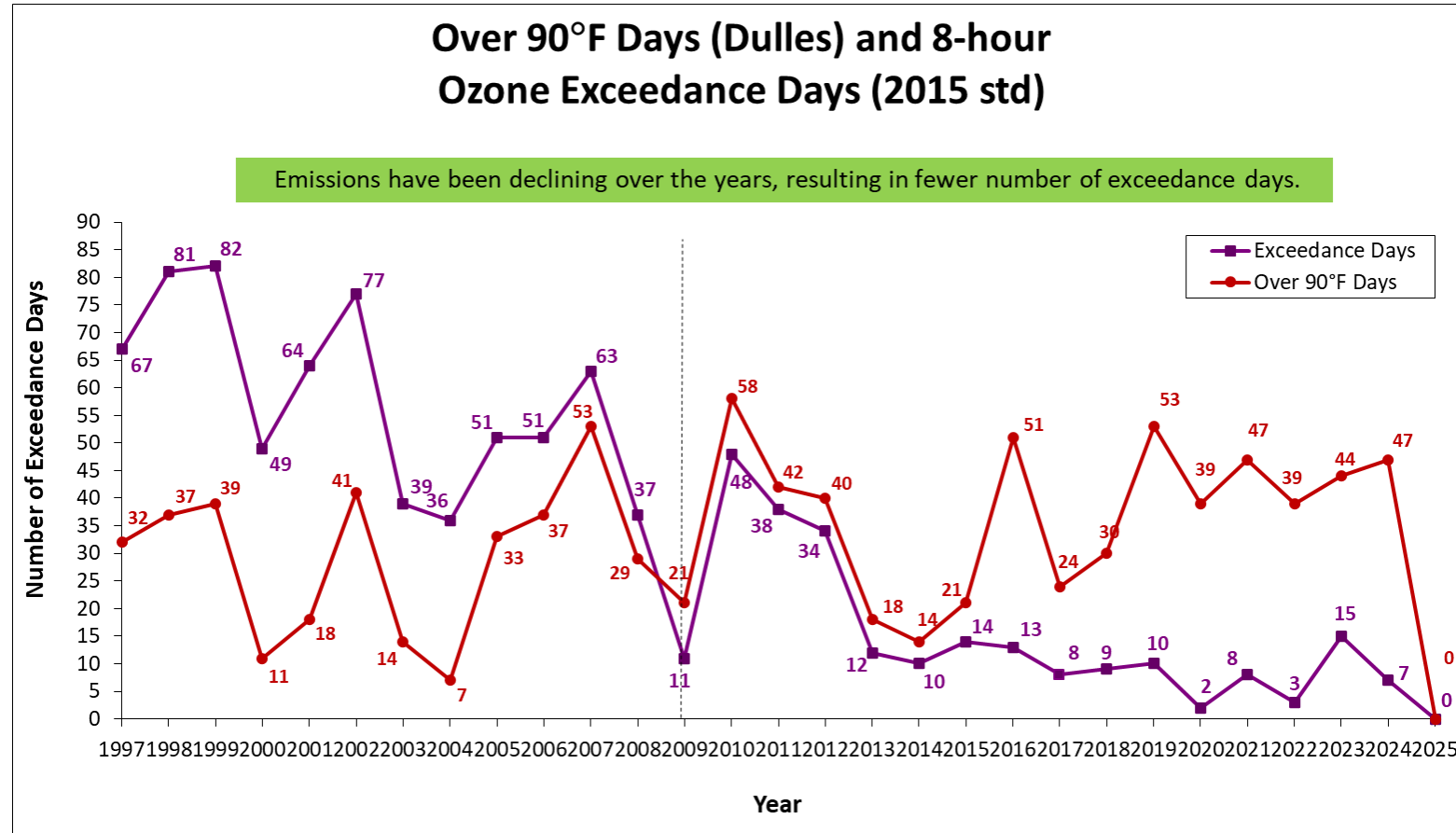
# Ozone Exceedance Trend



\* 2026 Data is preliminary.

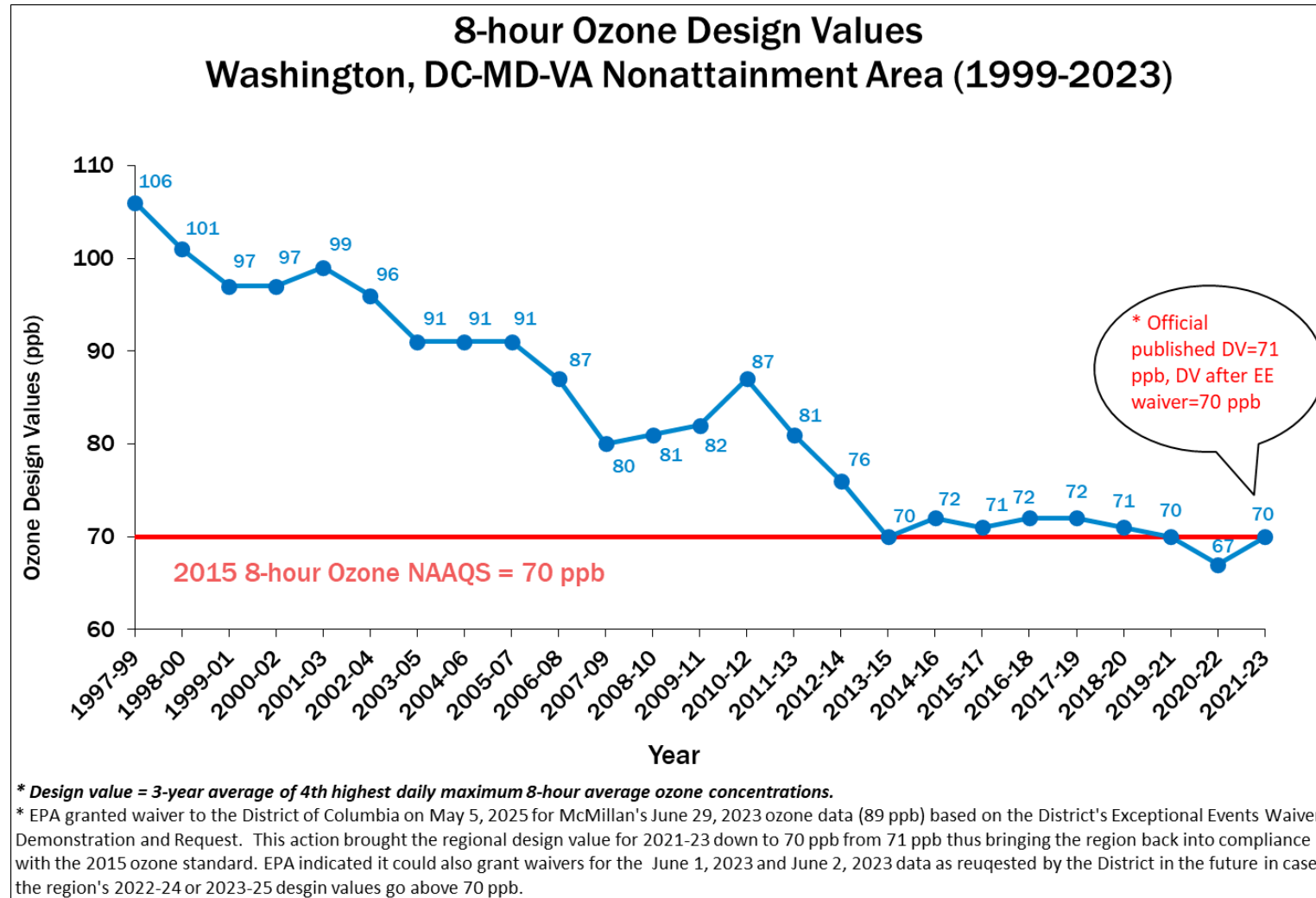


# Ozone & Temperature Trend



\* 2026 Data is preliminary.

# 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

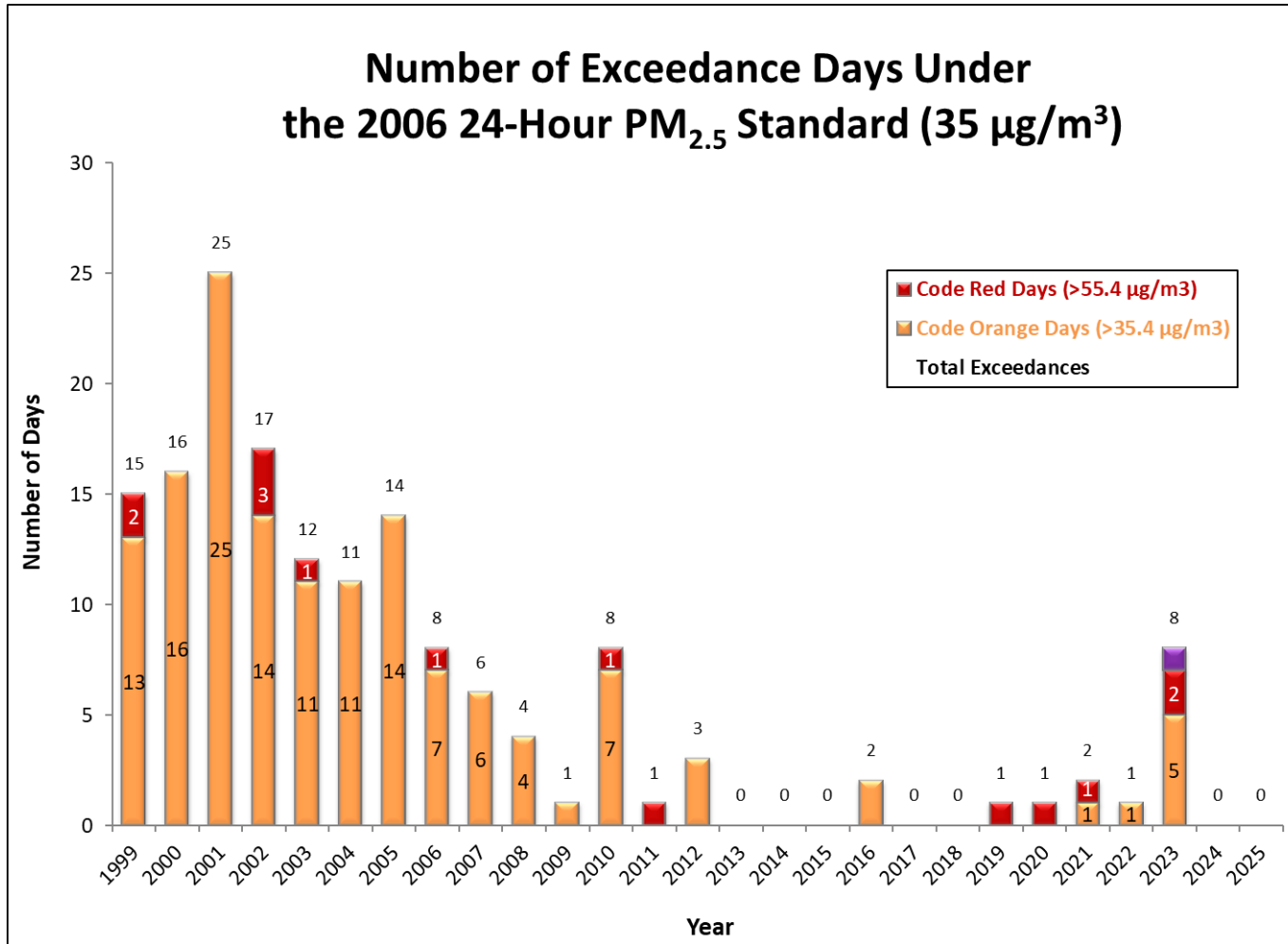


# 24-Hour Average PM2.5 Levels ( $\mu\text{g}/\text{m}^3$ )

March 2025						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
23	24	25	26	27	28	01
						<b>45</b>
02	03	04	05	06	07	08
<b>41</b>	<b>41</b>	<b>50</b>	<b>42</b>	<b>43</b>	<b>47</b>	<b>47</b>
09	10	11	12	13	14	15
<b>49</b>	<b>51</b>	<b>55</b>	<b>53</b>	<b>43</b>	<b>43</b>	<b>43</b>
16	17	18	19	20	21	22
<b>40</b>	<b>33</b>	<b>46</b>	<b>52</b>	<b>51</b>	<b>46</b>	<b>50</b>
23	24	25	26	27	28	29
<b>48</b>	<b>45</b>	<b>50</b>	<b>46</b>	<b>49</b>	<b>55</b>	<b>57</b>
30	31					
<b>46</b>	<b>48</b>					

April 2025						
Sunday						
30	31	01	02	03	04	05
		<b>4.6</b>	<b>4.7</b>	<b>8.4</b>	<b>6.4</b>	<b>10.8</b>
06	07	08	09	10	11	12
<b>9.5</b>	<b>6.7</b>	<b>4.1</b>	<b>4.8</b>	<b>6.0</b>	<b>7.5</b>	<b>5.3</b>
13	14	15	16	17	18	19
<b>4.7</b>	<b>9.8</b>	<b>6.4</b>	<b>2.6</b>	<b>4.7</b>	<b>11.0</b>	<b>14.9</b>
20	21	22	23	24	25	26
<b>8.9</b>	<b>7.4</b>	<b>8.6</b>	<b>9.3</b>	<b>14.4</b>	<b>8.8</b>	<b>8.4</b>
27	28	29	30			
<b>2.6</b>	<b>4.9</b>	<b>9.0</b>	<b>7.1</b>			

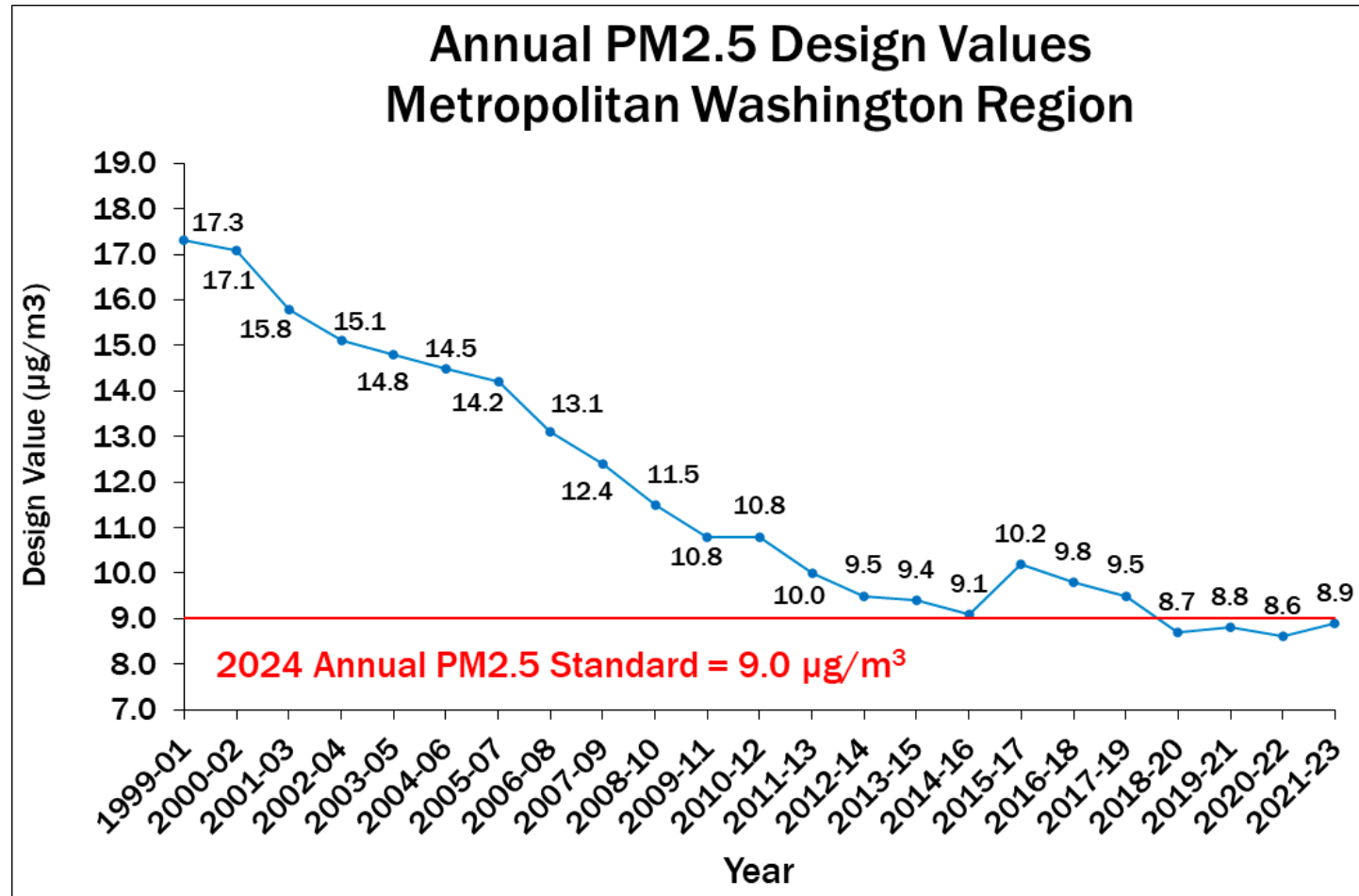
# PM2.5 Exceedance Trend



\* 2026 Data is preliminary.



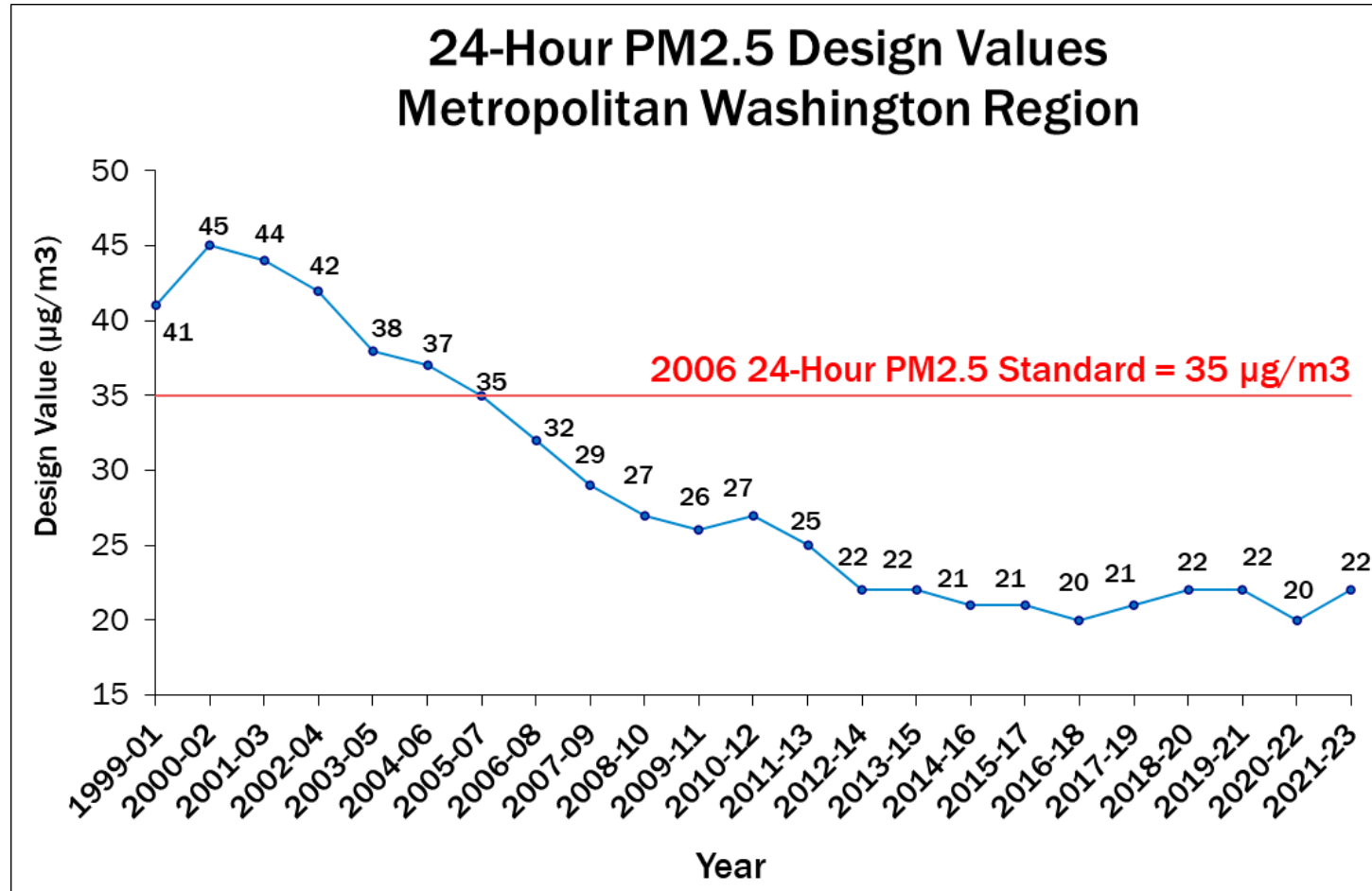
# Annual PM2.5 Design Value Trend



\* 2026 Data is preliminary.



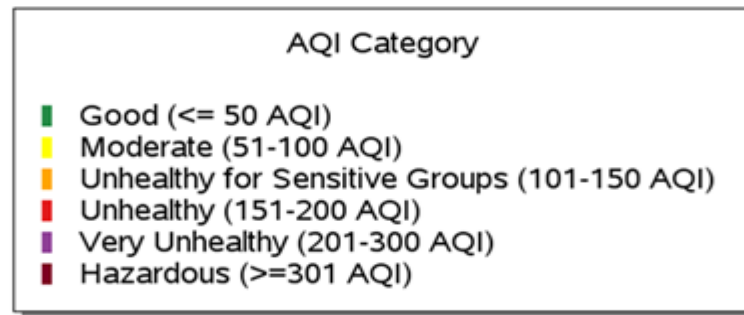
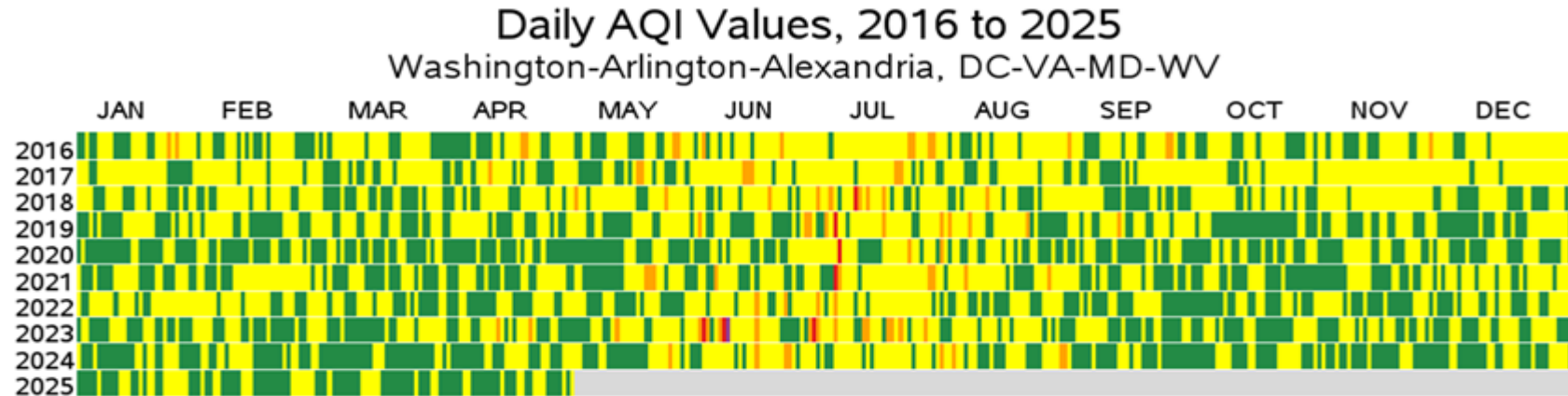
# 24-Hour PM2.5 Design Value Trend



\* 2026 Data is preliminary.



# AQI Value Trends

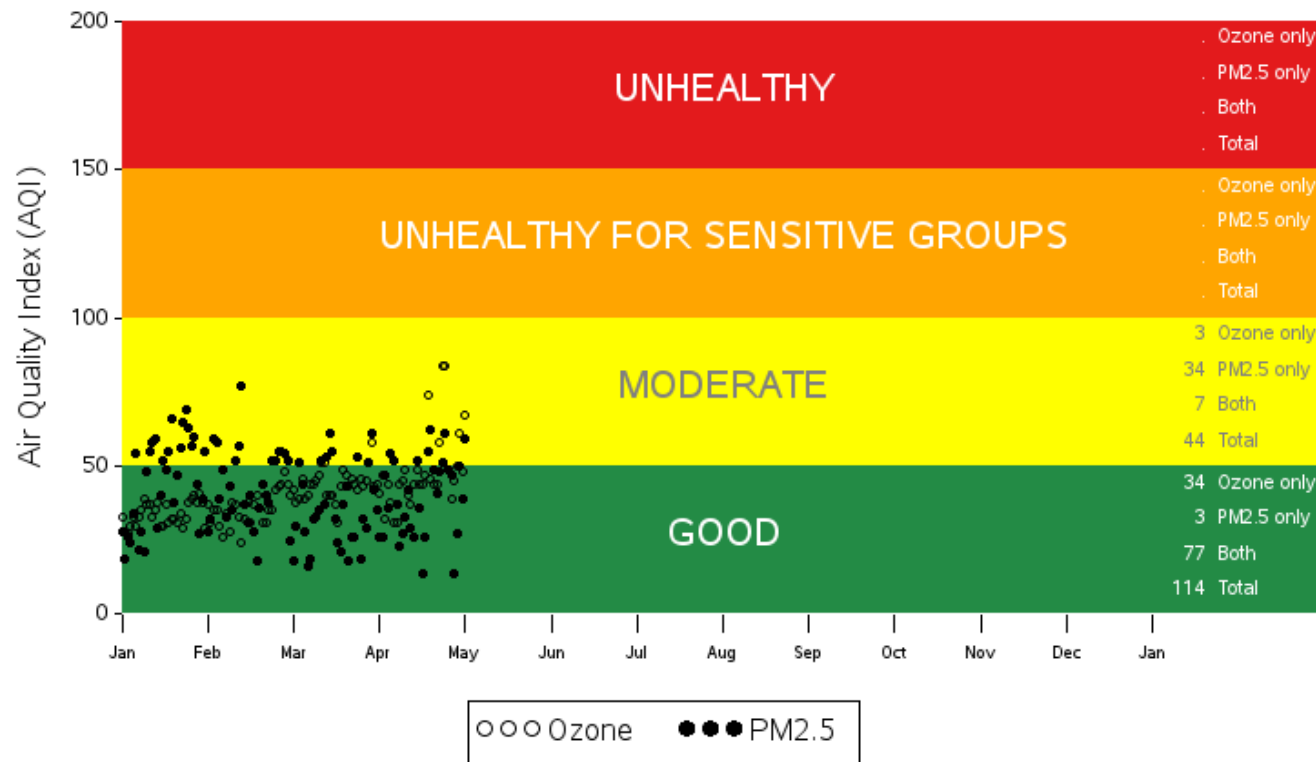


Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>  
Generated: May 2, 2025

Note: Data shown above is for combined AQI values for ozone, PM2.5, PM10, CO, NO2, and SO2 for the Washington-Arlington-Alexandria CBSA.

# AQI Values - 2025

Daily Ozone and PM2.5 AQI Values in 2025  
Washington-Arlington-Alexandria, DC-VA-MD-WV



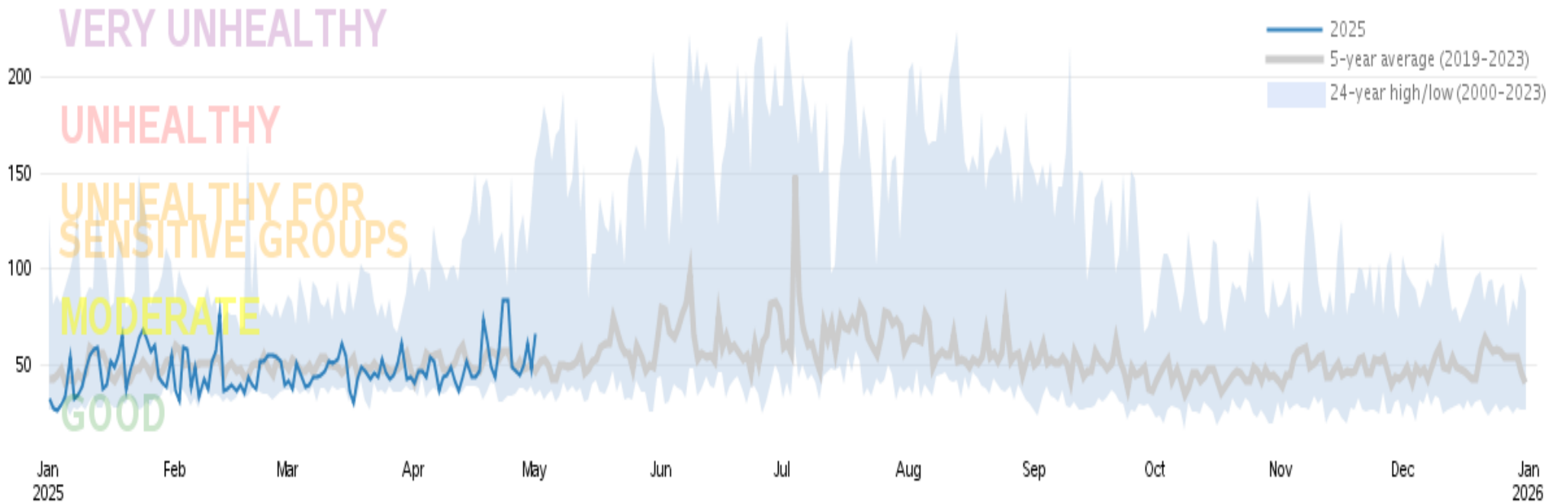
Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>  
Generated: May 2, 2025



# 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: May 2, 2025

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



Metropolitan Washington  
Council of Governments

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