

2024 STATE OF THE AIR REPORT

(AMERICAN LUNG ASSOCIATION)

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Background

- American Lung Association (ALA)
 - Reports status of the air quality for the whole country every year
 - Report includes weighted scores and grades for each county in the Washington, DC-Baltimore-Northern Virginia Combined Metropolitan Statistical Area (CSA)
 - Also reports top 25 most polluted CSAs/MSAs and counties for ozone and PM2.5 (24-hour & annual)

ALA Methodology

- Used number of code orange and above days instead of Design Value to calculate Weighted Scores/Grades/Ranks for Ozone & 24-Hour PM2.5 for CSAs/MSAs and counties
- Used Design Value to assign grades/ranks for Annual PM2.5 for CSAs/MSAs and counties

ALA Rankings for Washington, DC- Baltimore-Northern Virginia

ALA ranked top 25 most polluted CSAs/MSAs in 2024 report

1. Ozone: Not in the list
2. 24-Hour & Annual PM2.5: Not in the list

ALA Ozone Grades & Scores

(Washington, DC-MD-VA 2015 Ozone Nonattainment Area Jurisdictions)

Jurisdiction	Ozone	24-Hour PM2.5	Annual PM2.5
District of Columbia	D (3.0)	C (1.7)	Pass
Charles	B (0.3)	-	-
Calvert	B (0.3)	-	-
Fredrick	B (0.7)	-	-
Montgomery	C (1.3)	A (0.0)	Pass
Prince George's	D (2.3)	A (0.0)	Pass
Alexandria	-	-	-
Arlington	C (1.0)	A (0.0)	Pass
Fairfax	C (1.0)	B (0.3)	Pass
Loudoun	C (1.0)	B (0.3)	Pass
Prince William	B (1.3)	-	-



Conclusion

- ALA rankings for Washington, DC-Baltimore-Arlington CSA for both ozone and PM2.5 has improved significantly compared to prior years
- None of the jurisdictions in Washington, DC region is listed in top 25 most ozone or PM2.5 polluted counties in ALA report
- All jurisdictions show improvement in weighted scores/grades for ozone compared to prior years
- All jurisdictions show remarkable improvement in weighted scores and all have passing grades for PM2.5