



SUMMARY OF OHIO'S PROPOSED RECOMMENDATIONS
8-hour Ozone Nonattainment Designations
2008 National Ambient Air Quality Standard

INTRODUCTION

On March 12, 2008, the U.S. Environmental Protection Agency (USEPA) promulgated a revision to the ozone NAAQS which obligated the State of Ohio to designate the attainment status of all areas. USEPA revised the NAAQS by changing the level of the primary and secondary standards from 0.08 ppm to 0.075 ppm with an 8-hour averaging time. The previous 8-hour ozone NAAQS was promulgated in 1997, but legal delays caused the ozone recommendation process to extend until July 2003.

The Clean Air Act (CAA) allows each state to recommend initial designations of the attainment status for all areas of the state. Specifically, Section 107(d)(1) of the CAA allows each state an opportunity to recommend attainment/unclassifiable and nonattainment areas including appropriate boundaries. USEPA can accept the recommendations or make modifications as it deems necessary.

The designation recommendations are based on the most current ozone monitoring data (2006-2008) along with the December 4, 2008 USEPA guidance, "Area Designations for the 2008 Revised Ozone National Ambient Air Quality Standards." This guidance recommends states use the nine-factor analysis for designations taking into consideration the Core Based Statistical Area (CBSA) or Combined Statistical Area (which includes two or more adjacent CBSA's) associated with the violating monitor(s). Under this guidance, these areas would serve as the starting point or "presumptive" boundary for evaluating each nonattainment area. Ohio EPA is using this approach in our recommendation.

SUMMARY OF RECOMMENDATIONS

Based on the 2006-2008 monitoring data, eleven distinct areas in Ohio violate the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS) as summarized in the table below.

Eight-Hour Ozone Designation Area	Metropolitan Statistical Area (MSA) and, if applicable, Combined Statistical Area (CSA)	Current Nonattainment Designation Counties for 1997 Standard	Ohio EPA Recommended Nonattainment Counties for 2008 Standard
(A) Canton-Massillon, OH	Stark Carroll		Stark
(B) Cincinnati-Middletown, OH-KY-IN¹	Brown Butler Clermont Clinton Hamilton Warren Indiana: Dearborn, Franklin and Ohio Kentucky: Boone, Bracken, Campbell, Gallatin, Grant, Kenton and Pendleton	Butler Clermont Clinton Hamilton Warren	Butler Clermont Clinton Hamilton Warren
(C) Cleveland-Akron-Lorain, OH²	Ashtabula Cuyahoga Geauga Lake Lorain Medina Portage Summit	Ashtabula Cuyahoga Geauga Lake Lorain Medina Portage Summit	Ashtabula Cuyahoga Geauga Lake Lorain Medina Portage Summit
(D) Columbus, OH²	Delaware Fairfield Fayette Franklin Knox Licking Madison Marion Morrow Pickaway Ross Union	Delaware Fairfield Franklin Knox Licking Madison	Delaware Fairfield Franklin Knox Licking Madison
(E) Dayton-Springfield, OH	Champaign Clark Darke Greene Miami Montgomery Preble		Clark Greene Montgomery

(F) Huntington-Ashland, WV-KY-OH	Lawrence Kentucky: Boyd and Greenup West Virginia: Cabell and Wayne		Lawrence
(G) Lima, OH	Allen Auglaize Van Wert		
(H) Parkersburg-Marietta, WV-OH	Washington West Virginia: Pleasants, Wirt and Wood		Washington
(I) Steubenville-Weirton, OH-WV	Jefferson West Virginia: Brooke and Hancock		Jefferson
(J) Toledo, OH	Fulton Lucas Ottawa Wood		
(K) Wheeling, WV-OH	Belmont West Virginia: Marshall and Ohio		Belmont
(L) Youngstown-Warren-Sharon, OH-PA	Columbiana Mahoning Trumbull Pennsylvania: Mercer		Mahoning Trumbull

The remaining counties in the State of Ohio are recommended for designation as attainment/unclassifiable. In comparison to Ohio EPA's current recommendations for the 2008 standard, the following differences are outlined from the original designations finalized for the 1997 standard:

- Huntington-Ashland, WV-KY-OH: Lawrence County is recommended for designation as nonattainment for the 2008 standard based on violations of monitoring data. Lawrence County was originally designated attainment under the 1997 standard.
- Lima, OH: Allen County is recommended for designation as attainment for the 2008 standard based on monitoring data. Allen County was originally designated nonattainment under the 1997 standard.
- Toledo, OH: Lucas and Wood Counties are recommended for designation as attainment for the 2008 standard based on monitoring data. Lucas and Wood Counties were originally designated nonattainment under the 1997 standard.
- Youngstown-Warren-Sharon, OH-PA: Columbiana County is recommended for designation as attainment for the 2008 standard based on a review of the nine factors. There is no monitor in Columbiana County. Columbiana County was originally designated nonattainment under the 1997 standard.
- Dayton-Springfield, OH: Miami County is recommended for designation as attainment for the 2008 standard based on a review of the nine factors. The monitor in Miami County is currently attaining the revised standard. Miami County was originally designated nonattainment under the 1997 standard.

All other areas where designations were considered for the 2008 standard are consistent with the final original designations for the 1997 standard.

Pursuant to the establishment of any new NAAQS, USEPA requests states submit recommendations twelve months after promulgation. Therefore, Ohio's recommendation for the 2008 8-hour ozone NAAQS will be submitted before March 12, 2009.