



VOLUNTARY RECLASSIFICATION OF CT NONATTAINMENT AREAS FOR THE 2015 OZONE NAAQS

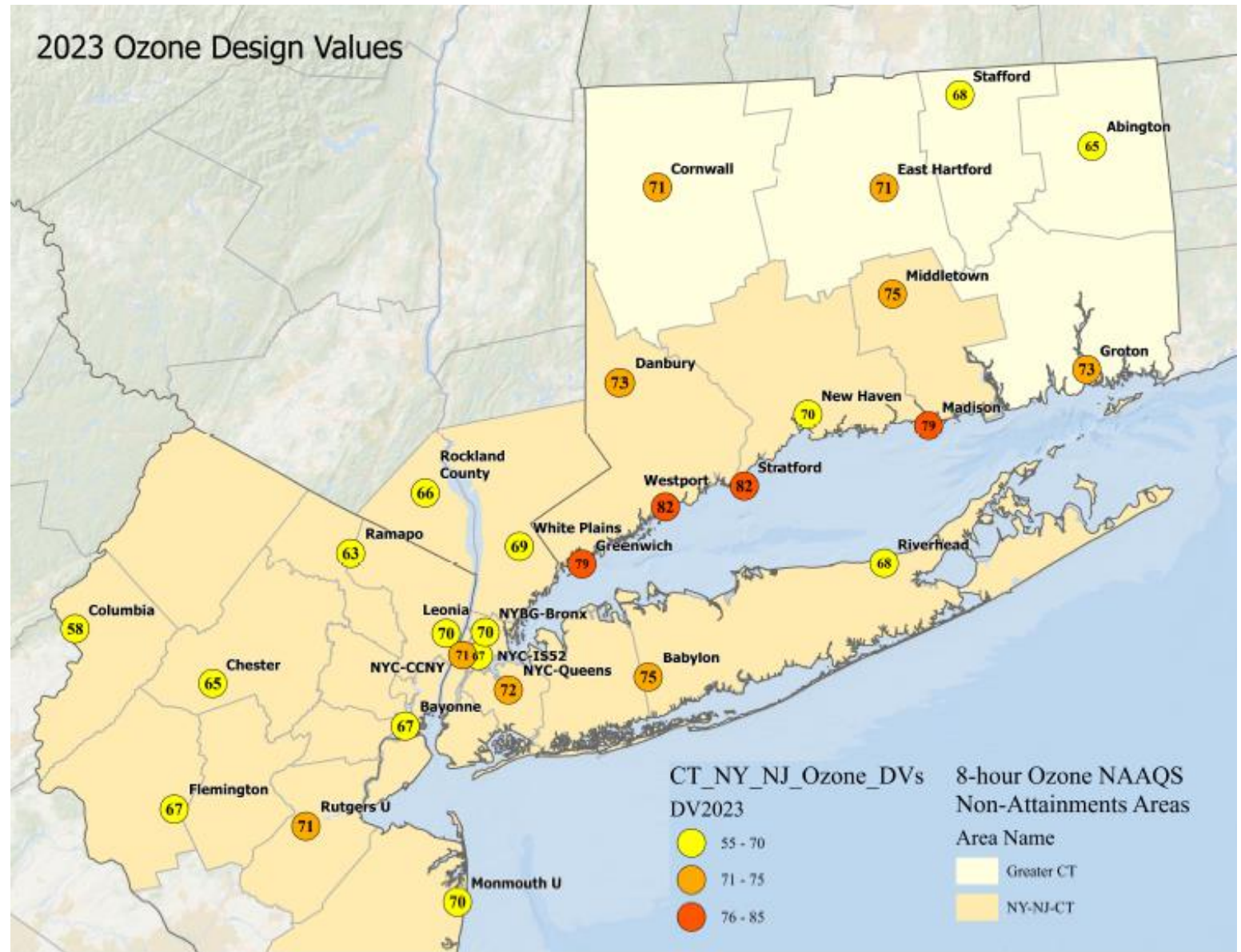
Presented by: Kristin Salimeno
Bureau of Air Management

2023 DESIGN VALUES

2015 NAAQS = 70 ppb

2008 NAAQS = 75 ppb

- Not excluding EPA approved Exceptional Events (EE) Days
- Three violating monitors in Greater CT
- Six violating monitors in Southwest CT



2023 DESIGN VALUES CONTINUED

		2023 Compliance Status x = Violating NAAQS			
	Site Name	To Date: Prelim 2023 DV	2015 NAAQS	2008 NAAQS	1997 NAAQS
SWCT Portion of NYC Area	Danbury	73	x		
	Greenwich	78	x	x	
	Madison	79	x	x	
	Middletown	75	x		
	New Haven	70			
	Stratford	82	x	x	
	Westport	82	x	x	
Greater CT	Cornwall	71	x		
	East Hartford	71	x		
	Groton	73	x		
	Stafford	68			
	Abington	65			
Number of Exceedance Days to Date			19		

If no EE dates were approved by EPA

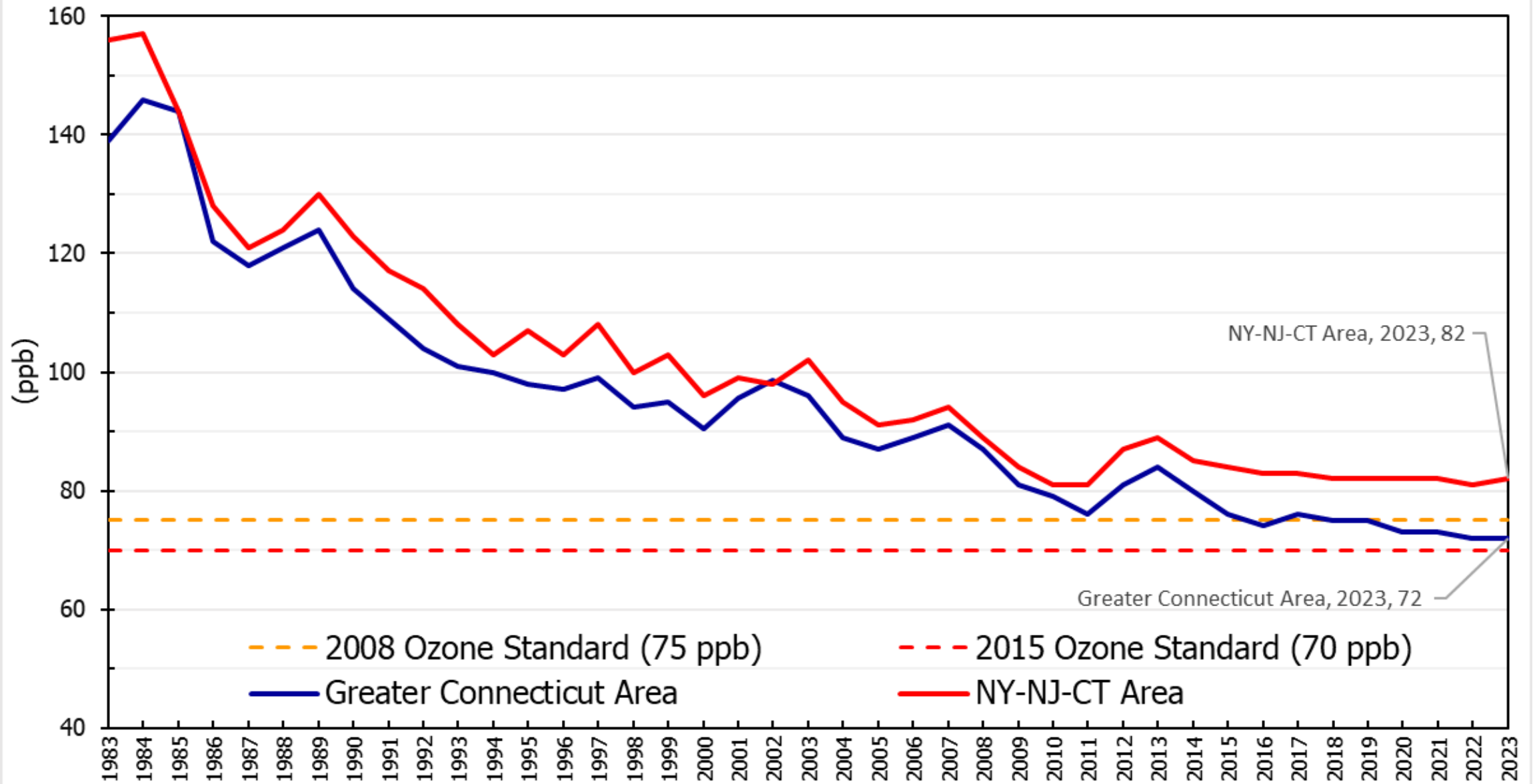
		2023 Compliance Status x = Violating NAAQS			
	Site Name	To Date: Prelim 2023 DV	2015 NAAQS	2008 NAAQS	1997 NAAQS
SWCT Portion of NYC Area	Danbury	73	x		
	Greenwich	78	x	x	
	Madison	79	x	x	
	Middletown	75	x		
	New Haven	70			
	Stratford	82	x	x	
	Westport	82	x	x	
Greater CT	Cornwall	68			
	East Hartford	70			
	Groton	72	x		
	Stafford	68			
	Abington	65			
Number of Exceedance Days to Date			19		

Excluding EPA approved EE dates of June 30 & July 1, 2023

2015 NAAQS = 70 ppb
2008 NAAQS = 75 ppb

Ozone Design Value Trends

Connecticut's Two Nonattainment Areas



2024 PRELIMINARY DESIGN VALUES

		2024 Compliance Status x = Violating NAAQS								
		To Date: Prelim 2024 DV	2015 NAAQS	2008 NAAQS	1997 NAAQS	# Needed to Next NAAQS in Violation (key monitors in each NA are highlighted in RED)				
Site Name										
SWCT Portion of NYC Area	Danbury	76	X	X		4	more days >	104	ppb day(s) violate the	1997 NAAQS
	Greenwich	79	X	X		4	more days >	96	ppb day(s) violate the	1997 NAAQS
	Madison	74	X			2	more days >	73	ppb day(s) violate the	2008 NAAQS
	Middletown	74	X			2	more days >	79	ppb day(s) violate the	2008 NAAQS
	New Haven	72	X			3	more days >	86	ppb day(s) violate the	2008 NAAQS
	Stratford	80	X	X		4	more days >	92	ppb day(s) violate the	1997 NAAQS
	Westport	80	X	X		4	more days >	94	ppb day(s) violate the	1997 NAAQS
Greater CT	Cornwall	69				3	more days >	75	ppb day(s) violate the	2015 NAAQS
	East Hartford	72	X			3	more days >	83	ppb day(s) violate the	2008 NAAQS
	Groton	70				1	more days >	70	ppb day(s) violate the	2015 NAAQS
	Stafford	70				2	more days >	74	ppb day(s) violate the	2015 NAAQS
	Abington	64				4	more days >	85	ppb day(s) violate the	2015 NAAQS
Number of Exceedance Days to Date			20			The 1997 standard was repealed with the 2008 Implementation rule. Effective April 6, 2015				

ON JUNE 13, 2024,

- Pursuant to Clean Air Act (CAA) [§181\(b\)\(3\)](#), DEEP sent a [letter](#) to EPA requesting a voluntary reclassification (or bump up) of the Connecticut portion of the New York-Northern New Jersey-Long Island, Southwest Connecticut (NY-NJ-CT) ozone nonattainment area from moderate to serious.
- The NY-NJ-CT nonattainment area includes three states so all three states must request the bump up:
 - **New York on June 5, 2024.**
 - From moderate to serious nonattainment.
 - **New Jersey on May 23, 2024.**
 - From moderate to severe nonattainment, unless CT and NY only request a reclassification to serious.
- The letter also states that if EPA fails to approve the Exceptional Events Analysis submitted for Greater Connecticut, then the Greater Connecticut nonattainment area should be included in the request to bump up from moderate to serious.
- New Serious attainment date: August 3, 2027

RECLASSIFICATION FINAL RULES

On July 25, 2024, EPA published a final rule, “granting a request from the States of New York, New Jersey, and Connecticut to reclassify the New York-Northern New Jersey-Long Island, NY-NJ-CT ozone nonattainment area from “Moderate” to “Serious” for the 2015 8-hour ozone national ambient air quality standards.”

- [89 Federal Register 60314](#)

On July 29, 2024, EPA published a final rule reclassifying Greater Connecticut from “Moderate” to “Serious” nonattainment for the 2015 ozone NAAQS.

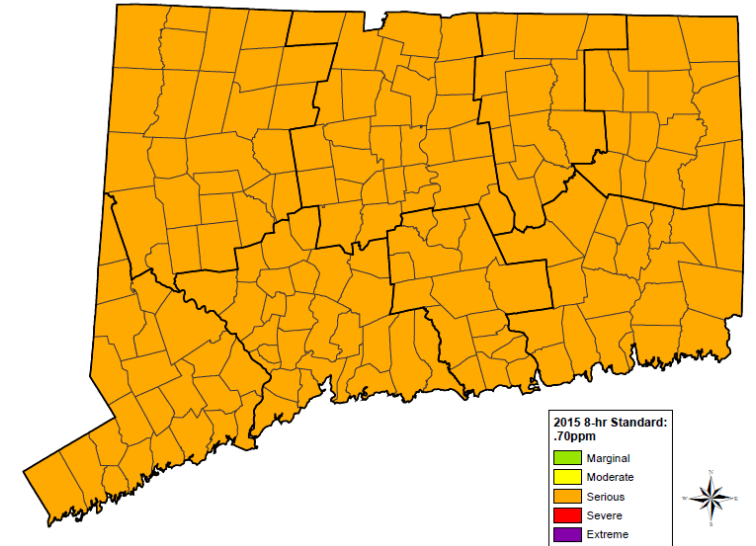
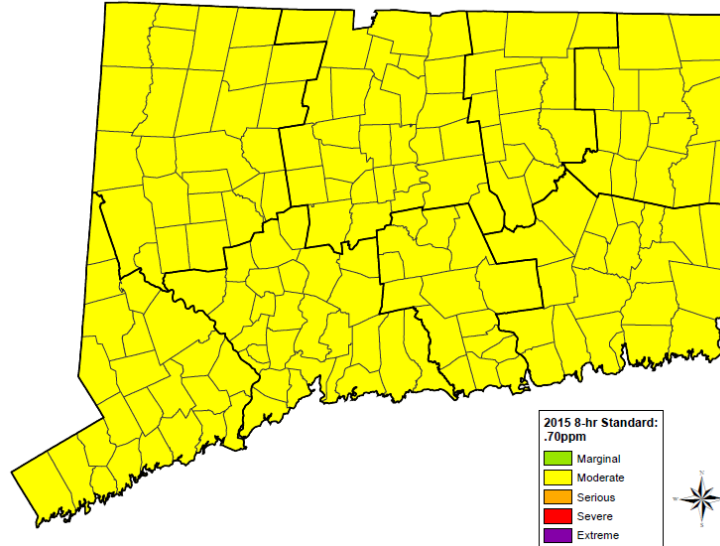
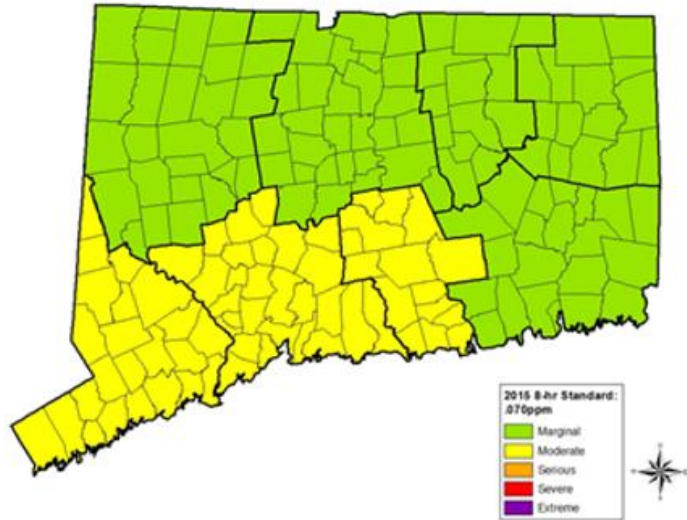
- [89 Federal Register 60827](#)

HISTORY OF CLASSIFICATIONS: 2015 OZONE NAAQS

Marginal/Moderate
Nonattainment

Moderate Nonattainment

Serious Nonattainment



Initial Designations
August 3, 2018

Marginal Attainment Date
August 3, 2021

Moderate Attainment Date
August 3, 2024

Serious Attainment Date
August 3, 2027

* Greater CT reclassified to Moderate on November 7, 2022

* Reclassified to Serious:
SWCT on July 25, 2024
GRCT on July 29, 2024

NEXT STEPS FOR THE 2015 OZONE NAAQS

- EPA publishes due dates for elements of a state implementation plan (SIP) in a future rulemaking.

Overview of CAA Ozone Nonattainment Area Planning & Control Requirements by Classification



		NSR offset ratio	Major source threshold	
SERIOUS (9 years to attain)	VMT DEMONSTRATION (& TCMs if needed)	1.2 : 1 Serious	50	
	NSR REQUIREMENTS FOR EXISTING SOURCE MODS			
	ENHANCED MONITORING PLAN			CLEAN FUELS PROGRAM (if applicable)
	MODELED DEMO OF ATTAINMENT			MILESTONE DEMONSTRATIONS and CONTINGENCY MEASURES FOR RFP
	3% ANNUAL RFP UNTIL ATTAINMENT			ENHANCED I/M for larger population areas
	CONTINGENCY MEASURES FOR FAILURE TO ATTAIN			
MODERATE (6 years to attain)	Stage II Gasoline Vapor Recovery	1.15 : 1 Moderate	100	
	15% VOC ROP or 15% VOC/NOx RFP (OVER 6 YEARS)			
	VOC/NOx RACT for MAJOR/CTG SOURCES			ATTAINMENT DEMONSTRATION
	TRANSPORTATION CONFORMITY DEMONSTRATION (MVEBs)			
MARGINAL (3 years to attain)	NONATTAINMENT NEW SOURCE REVIEW PROGRAM	1.1 : 1 Marginal	100	
	BASELINE EMISSION INVENTORY (EI)			MAJOR SOURCE EMISSION STATEMENTS
				PERIODIC EMISSION INVENTORY UPDATES

Source: <https://www.epa.gov/ground-level-ozone-pollution/final-sip-requirements-rule-2008-ozone-naaqs-2015-presentation>

SUMMARY OF OZONE STANDARDS

2008 NAAQS: 75 ppb

Greater CT: Attains the standard

Southwest CT: Severe nonattainment

Severe Attainment date: July 20, 2027
(using 2026 data)

2015 NAAQS: 70 ppb

Greater CT: Serious nonattainment

Southwest CT: Serious nonattainment

Serious Attainment date: August 3, 2027 (using
2026 data)

THANK YOU

[2015 Ozone NAAQS Planning Efforts Webpage](#)

[2008 Ozone NAAQS Planning Efforts Webpage](#)

Kristin.Salimeno@ct.gov