

NOx Emission Reductions in the Ozone Transport Region, 1999-2010

Rev. 6/21/12 CT data

State	Percent Change in NOx Emissions, 1999-2010					Total NOx***	NOx Tons Reduced
	Coal EGUs	Industrial Fuel	Industrial Processes	On-Hwy Mobile	Off-Hwy Mobile		
CT	-25%	-7%	-21%	-31%	-22%	-32%	(45,366)
DE	-46%	-58%	-46%	-26%	12%	-31%	(18,893)
MD	-81%	96%	13%	-21%	-15%	-35%	(121,193)
MA	-68%	26%	-48%	-27%	-44%	-32%	(100,440)
ME	NA	-15%	27%	-12%	-39%	-23%	(20,517)
NH	-54%	291%	-71%	-28%	-6%	-22%	(15,900)
NJ	-79%	-62%	-8%	-27%	12%	-25%	(85,458)
NY	-59%	-10%	11%	-29%	-37%	-27%	(201,559)
PA	-31%	-16%	-18%	-25%	-18%	-25%	(206,562)
RI	NA	21%	-11%	-46%	-27%	-39%	(15,042)
VT	NA	-31%	44%	-35%	-15%	-30%	(10,207)
VA*	-78%	-4%	-6%	-10%	17%	-17%	(82,841)
OTC**	-53%	-9%	-10%	-27%	-23%	-28%	(843,783)
Tons reduced**	(211,224)	(13,824)	(13,375)	(395,302)	(121,680)	(843,783)	
Pct of tons	25%	2%	2%	47%	14%	100%	

Comparative NOx Emission Reductions in Other RPOs

LADCO (MW)	-69%	-30%	-26%	-20%	-5%	-35%	(1,412,140)
Tons reduced	(923,672)	(104,118)	(41,600)	(278,500)	(31,908)	(1,412,140)	
Pct of tons	65%	7%	3%	20%	2%	100%	
SESARM (SE)	-75%	-41%	-21%	-17%	-8%	-37%	(2,179,192)
Tons reduced	(1,282,499)	(262,204)	(50,707)	(352,683)	(45,124)	(2,179,192)	
Pct of tons	59%	12%	2%	16%	2%	100%	

Note: CT coal EGU data revised based on CT data for BHS-3 (classified by EPA as oil-fired in 1999).

Bold denotes largest percent reduction or tonnage reduction in or among categories.

NA - Not applicable.

*Includes all VA NOx emissions.

**Excludes Virginia., which is included in SESARM totals. OTC states in 1999 were subject to Phase II of the NOx MOU, requiring EGU reductions of 55%-65% from 1990 levels.

***Includes other/miscellaneous emissions not shown separately.

Source: Alpine Geophysics/ENVIRON 2010 Air Quality and Emissions Trends (2012)