

Transportation Related GHG Emissions

Pursuant to PA 06-161
An Act Concerning Clean Cars

Requirements of PA 06-161

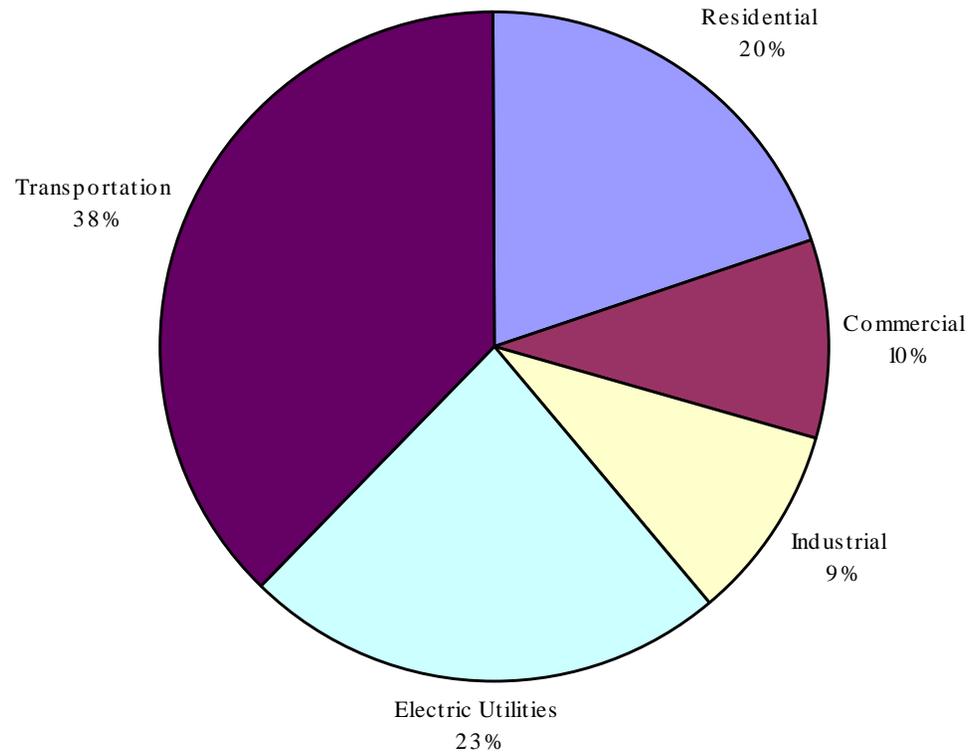
- 10/1/06 - Conduct Study to determine reductions necessary to meet goals of 22a-200a
- 1/1/07 - Include findings in 2007 Climate Change Progress Report
- 10/1/07 – Establish GHG Labeling Program for 2009 Model Year Vehicles
- 1/1/08 - Establish Public Education Program

Dates are approximate and based on either PA06-161 or coordination with other programs

Summary of Findings

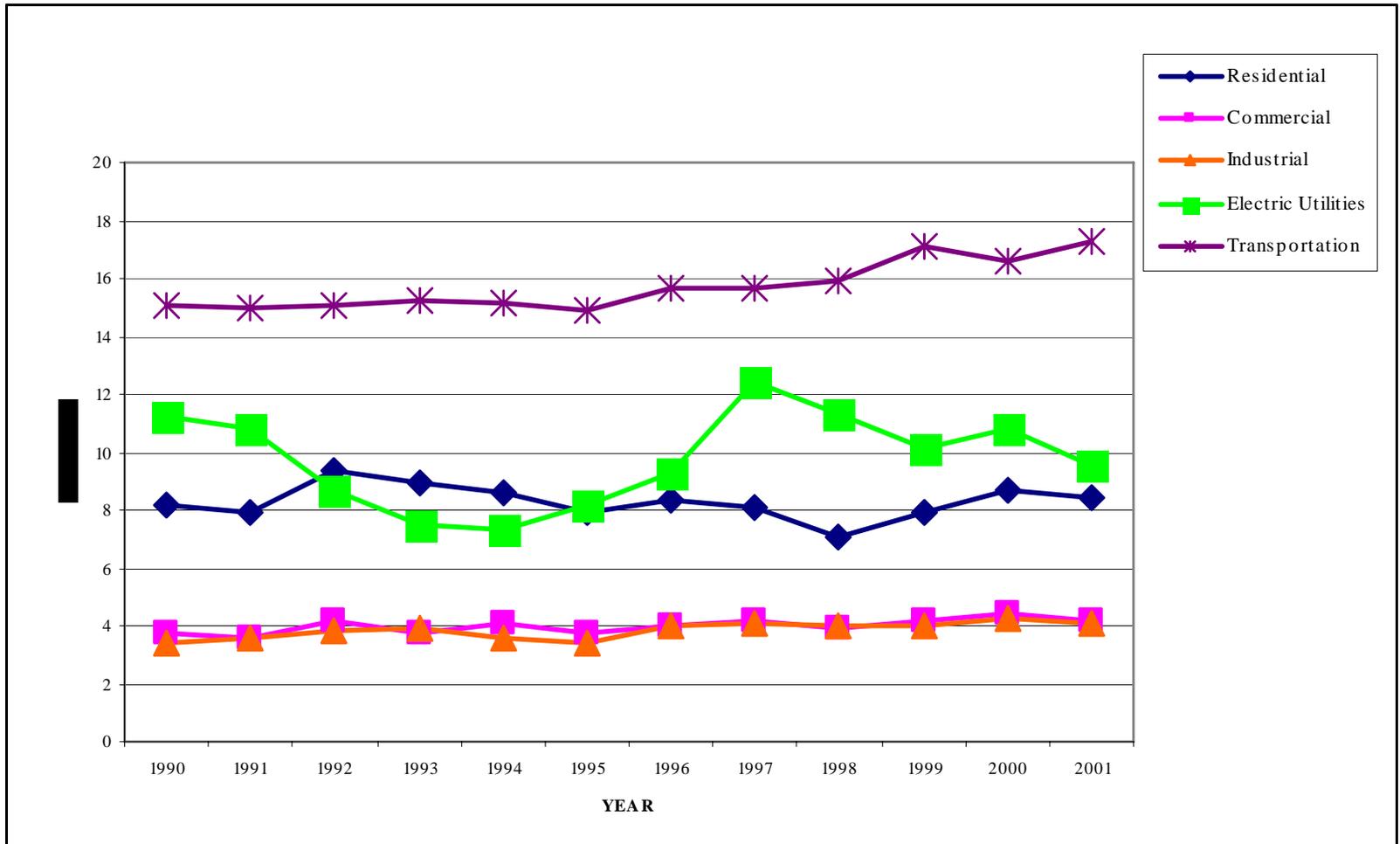
- Transportation Emissions account for largest “slice” of statewide GHG emissions
- Most sectors show overall increase since 1990, and transportation shows the strongest increase
- Transportation emissions are highly correlated with VMT

2001 GHG Emissions by Sector



GHG Emissions By Sector

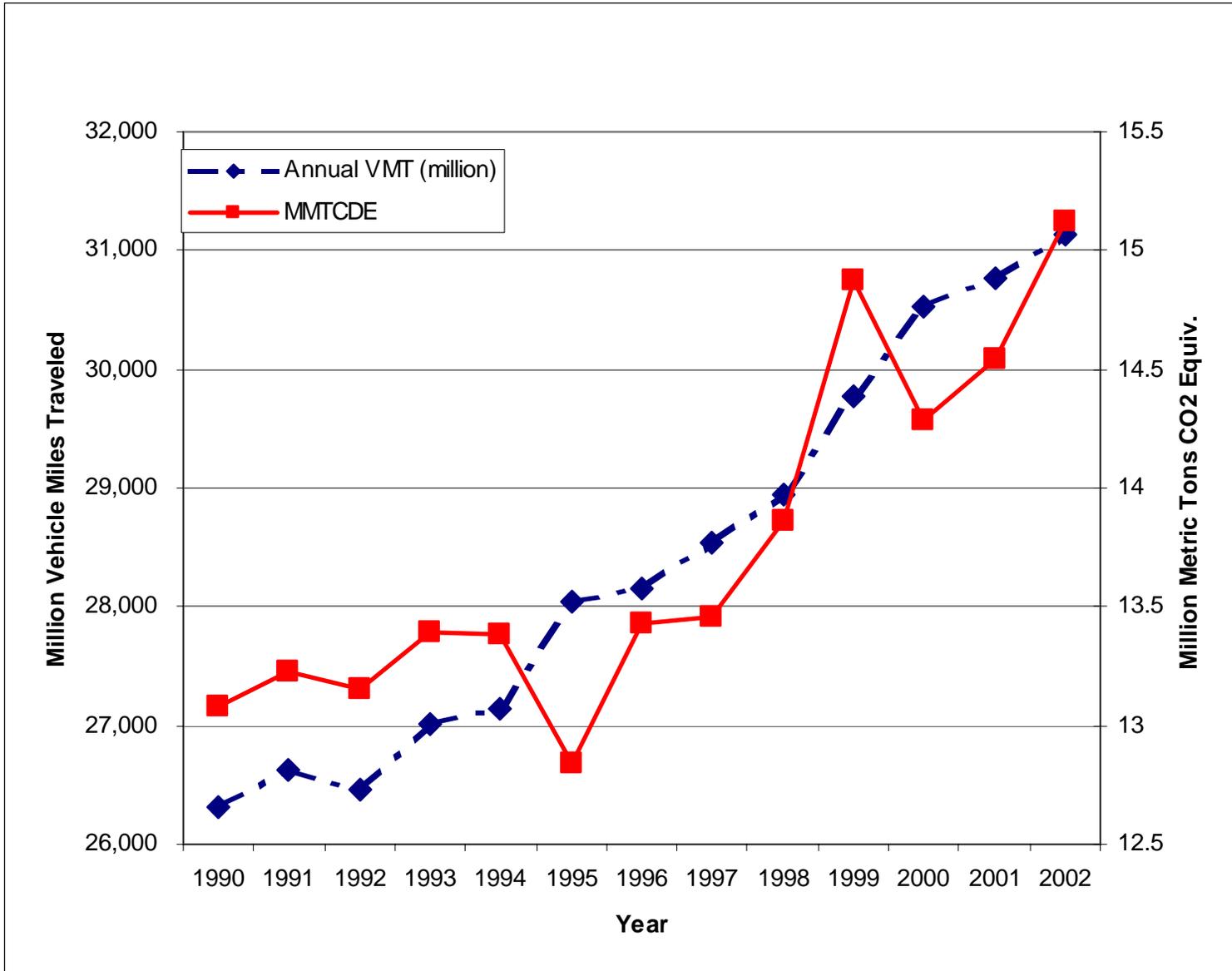
1990 - 2001



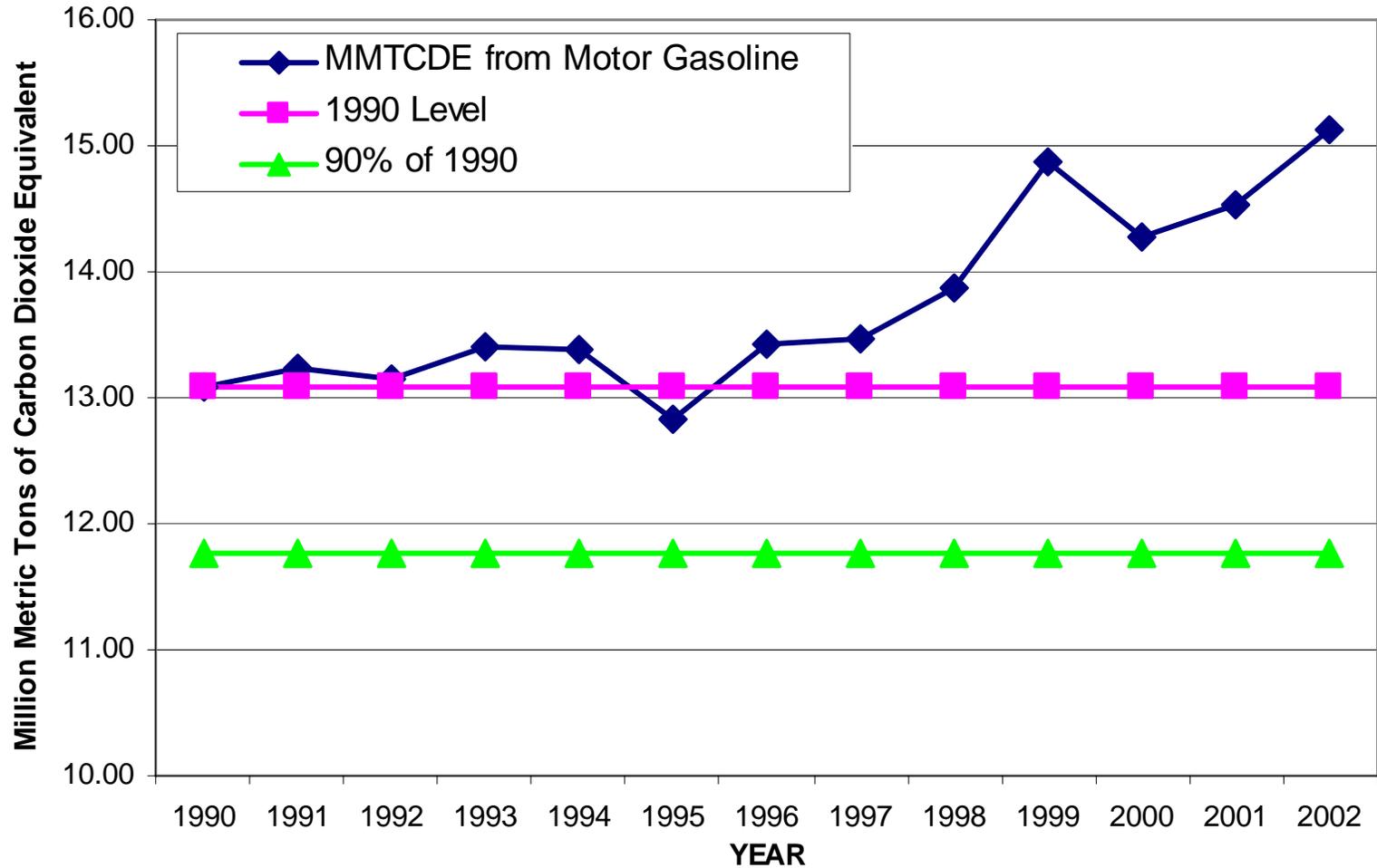
Obstacles

- Continuous increase in VMT, Fuel Sales, MV Registrations, Sprawl
- Stagnant CAFE Standards
- Limited options to LDV commute/travel
- Lag in new initiatives impacting current emissions rates

Connecticut VMT vs GHG 1990 - 2002



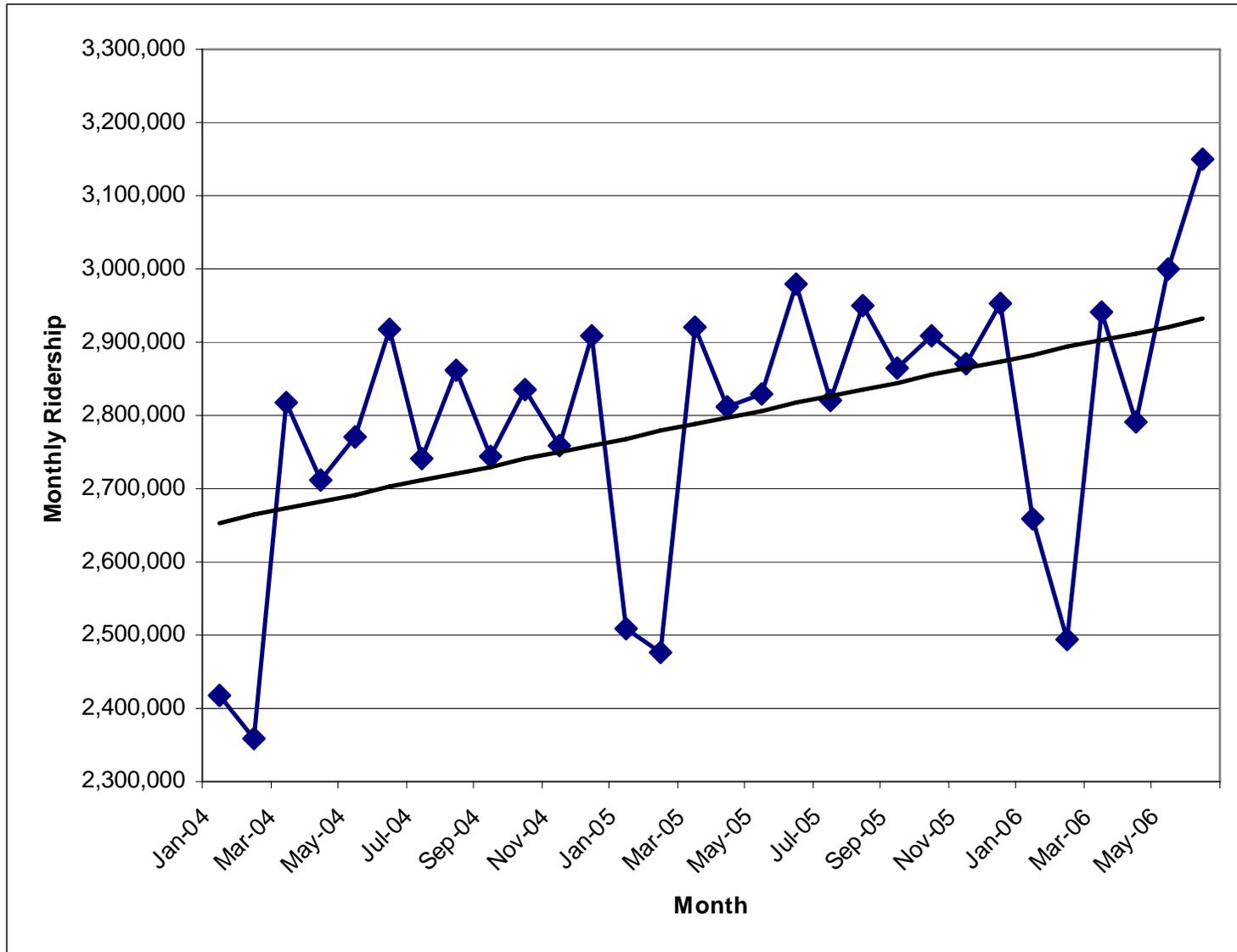
GHG Emissions from Motor Vehicle Use vs 2010 and 2050 Target Levels



Initiatives

- Tailpipe Standards
- Public Education
- Incentives/Disincentives
- Alternate Fuels & Technology
- New and Enhanced Mass Transit Systems

Metro North Monthly Ridership



Conclusions and Discussion