

Panel 3:

Transportation of the Future

Kristopher Carter, City of Boston

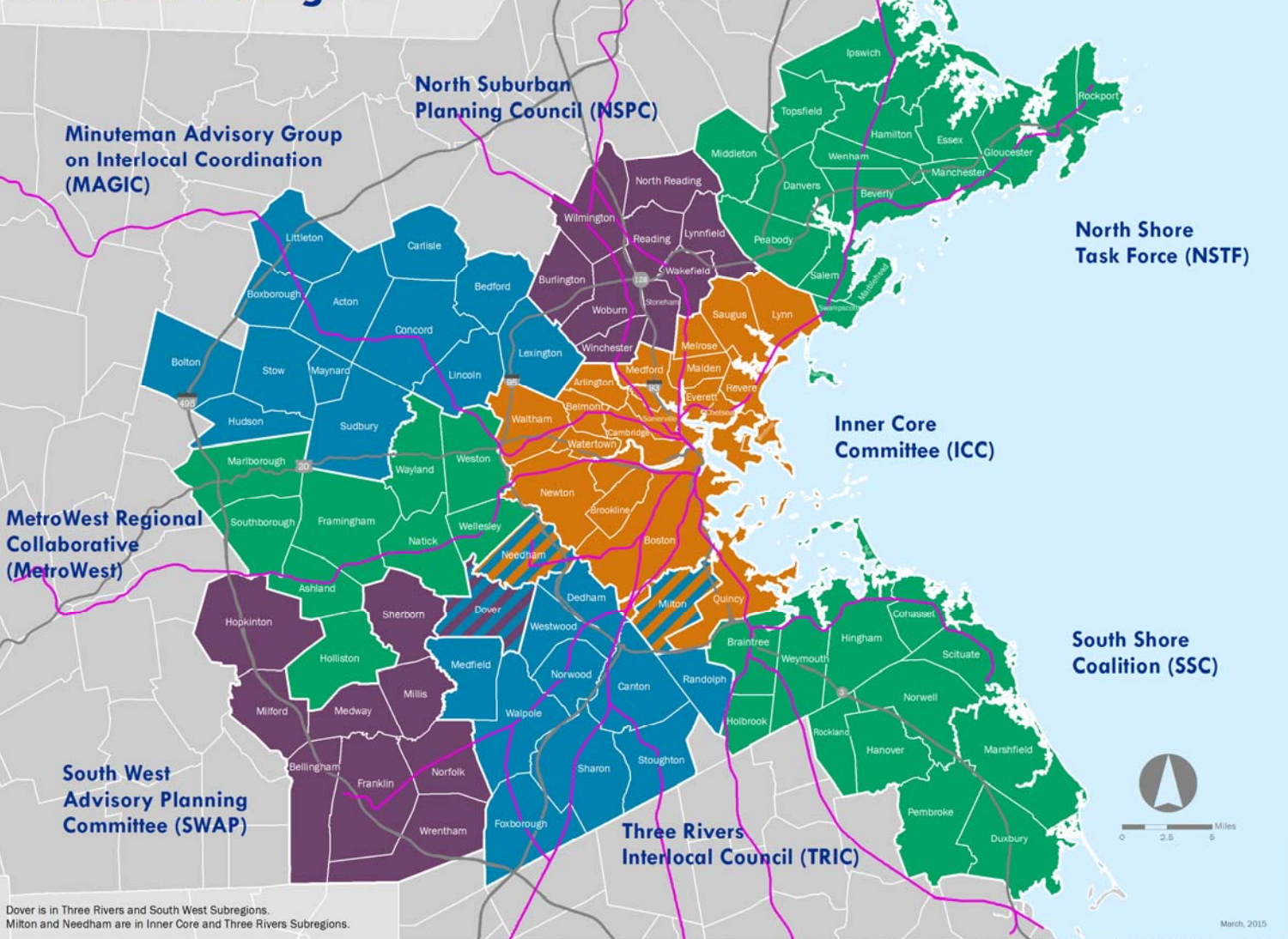
Mary Skelton Roberts, Barr Foundation

Michael Manville, UCLA

Michael Widmer, formerly Massachusetts Taxpayers Foundation

Cammy Peterson and Lizzi Weyant,
Metropolitan Area Planning Council (Co-Moderators)

The MAPC Region



Dover is in Three Rivers and South West Subregions.
Milton and Needham are in Inner Core and Three Rivers Subregions.

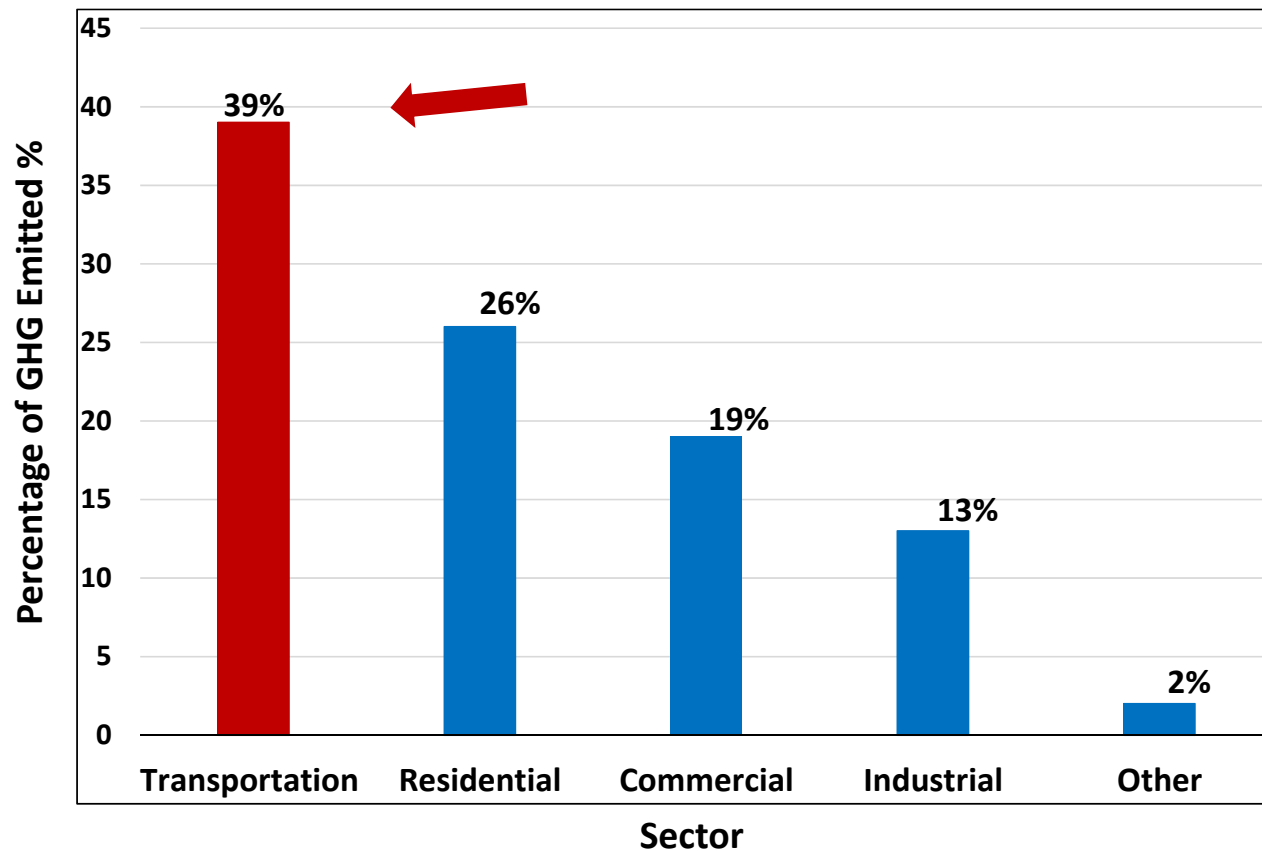
March, 2015



About Us

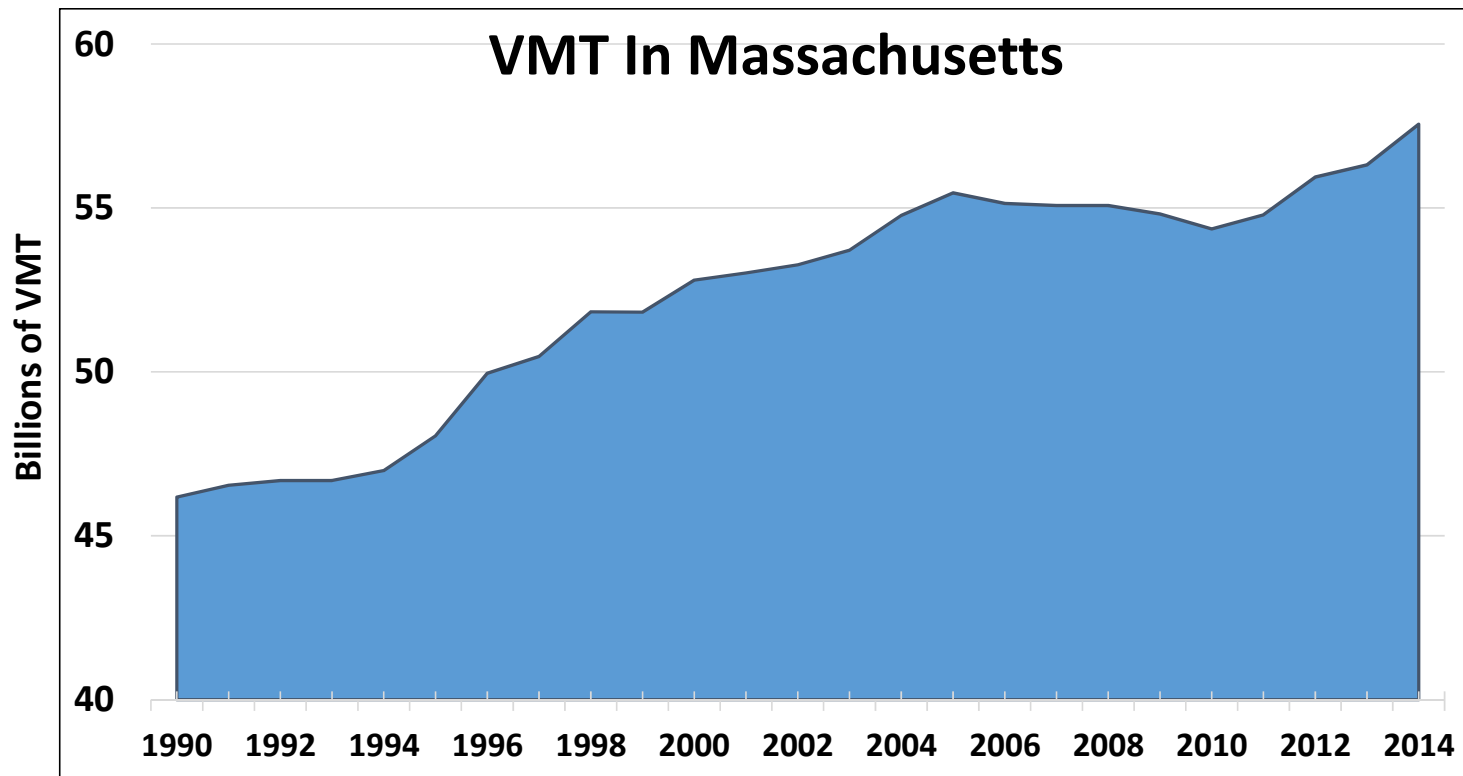
- ▶ Regional Planning Agency
- ▶ 101 cities and towns
- ▶ 90+ employees
- ▶ Wide range of planning expertise

The Transportation Sector Produces the Most Greenhouse Gas (GHG) in Massachusetts



Source: MA GHG Emission Trends, 2014 MA Emissions by Sector, Executive Office of Energy and Environmental Affairs

Rising Vehicle Miles Traveled Makes Clean and Shared Vehicles Important



Source: US DOT, FHWA, Highway Statistics Series, Table VM-2

Electric Vehicles

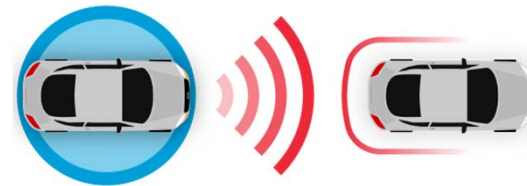


Source: California Plug-In Electric Vehicle Collaborative, Plugging in at Work

Autonomous Vehicles



Source: US DOT



MAPC Collaborative Initiatives



Legislative and Policy Considerations for Autonomous Vehicles

Adopted by the MAPC Executive Committee in May 2017



Regional Memorandum of Understanding for Testing Autonomous Vehicles

MAPC, Metro Mayors Coalition, and Massachusetts DOT



Statewide Contract for Alternative Transportation Technologies and Green Mobility Group Purchasing Program

MAPC, Operational Services Division, and Department of Energy Resources



City of Cambridge Community-wide Greenhouse Gas Inventory

MAPC, City of Cambridge, and DNV GL



Fast Forward: The Technology Revolution in Transportation & What it Means for Massachusetts

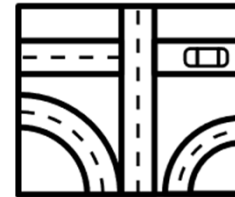
MAPC, Transportation for Massachusetts, and Other Partners

Critical Areas for State and Local Government Planning

Regulatory Framework



Infrastructure



Data



Parking



Land Use Impacts



Collaboration

