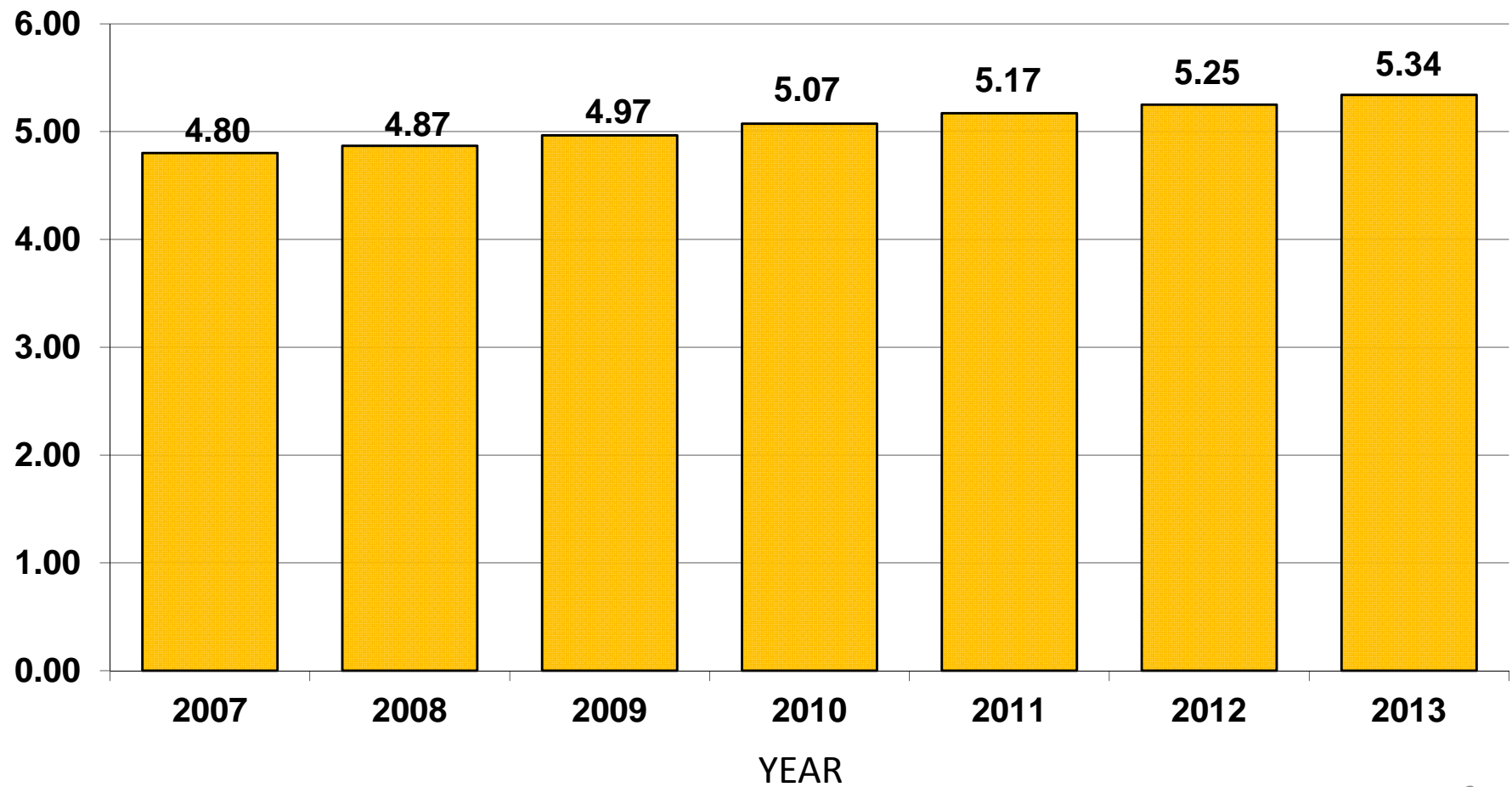


# **Regional Travel Trends (2007 – 2013)**

Robert E. Griffiths  
TPB Technical Committee  
January 9, 2015

# Regional Trend: Population

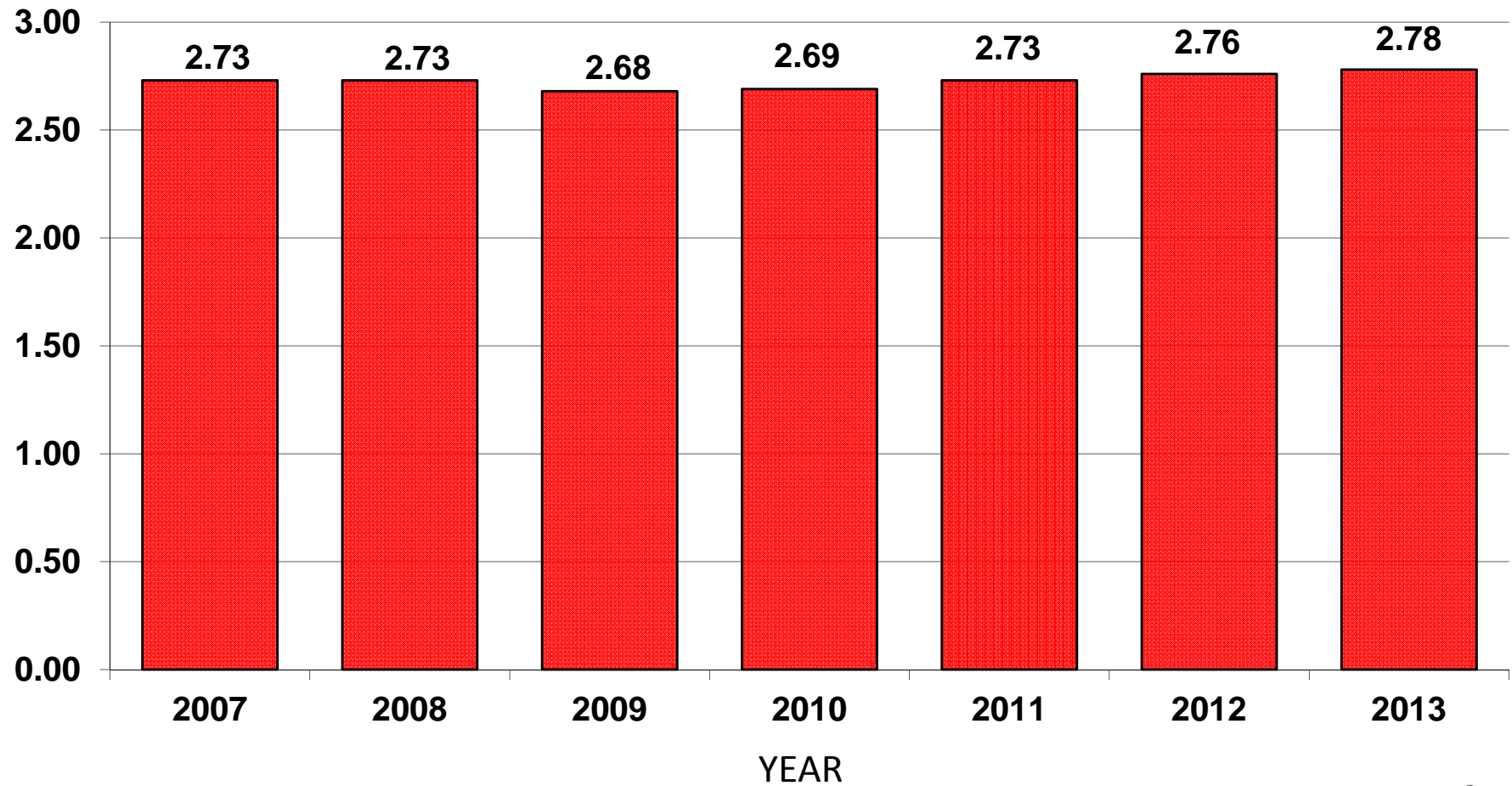
(Total Population in Millions)



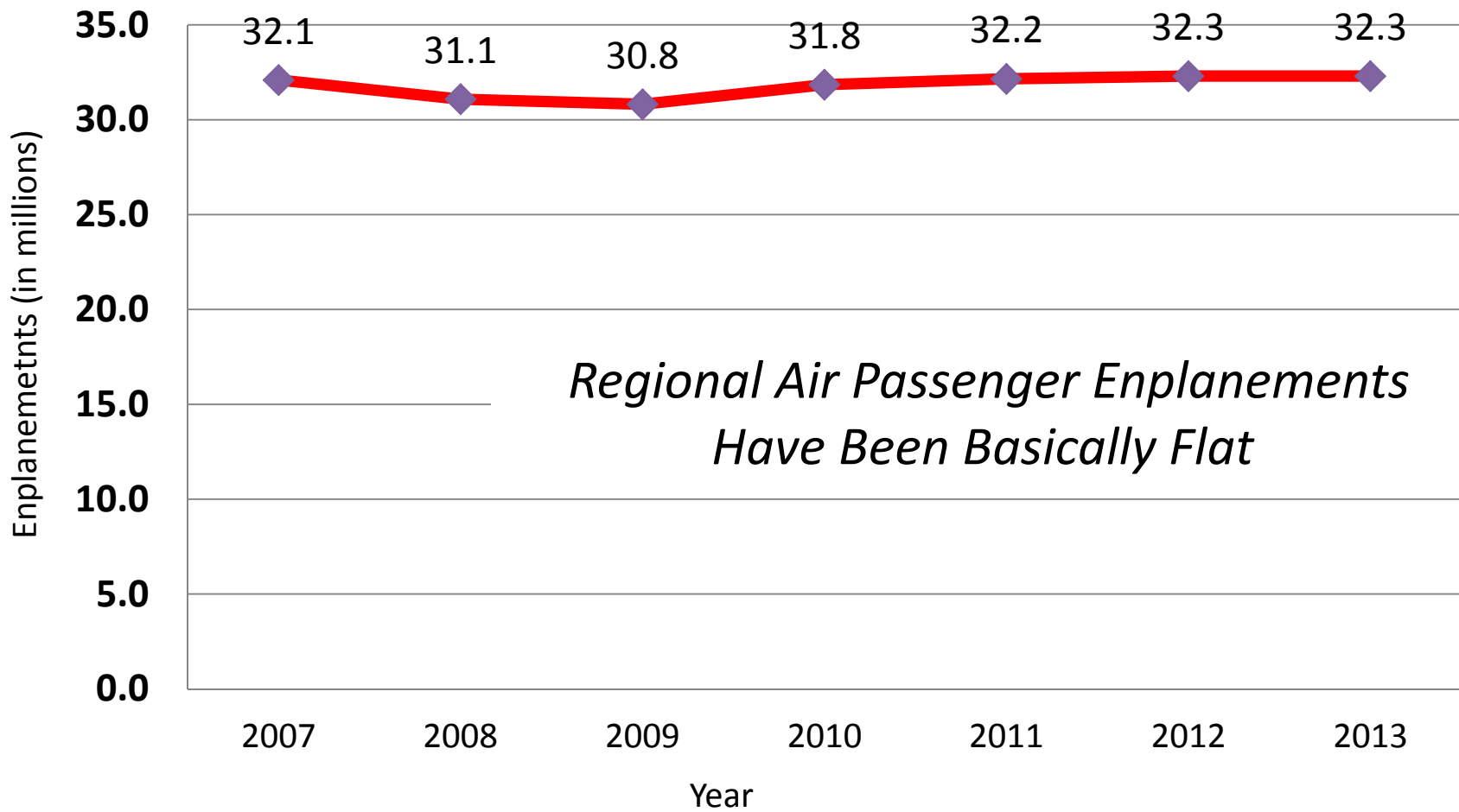
# Regional Trend: Employment

(Wage & Salary Employment in Millions)

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages,

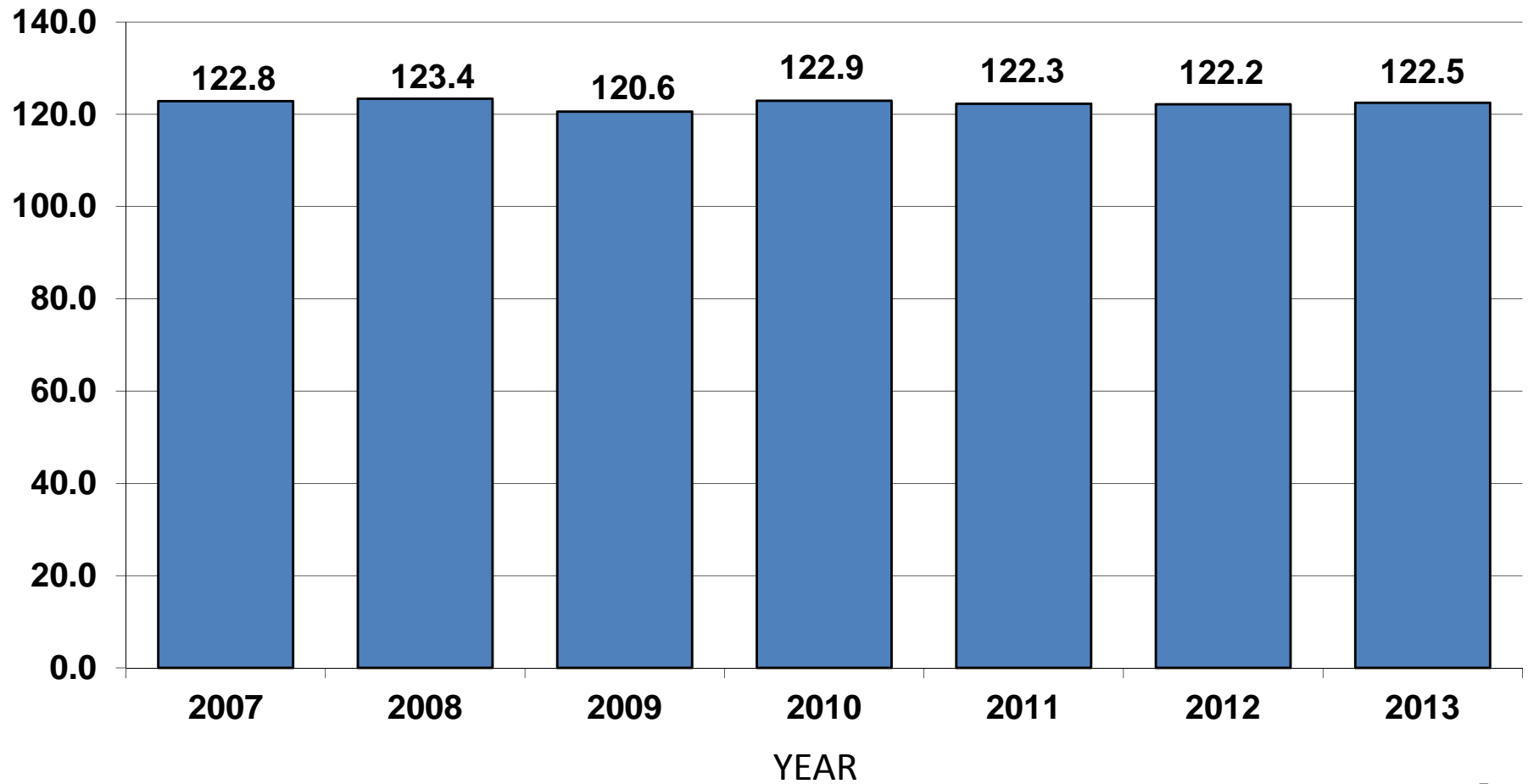


# Regional Air Passenger Enplanements Trend (2007 – 2013)



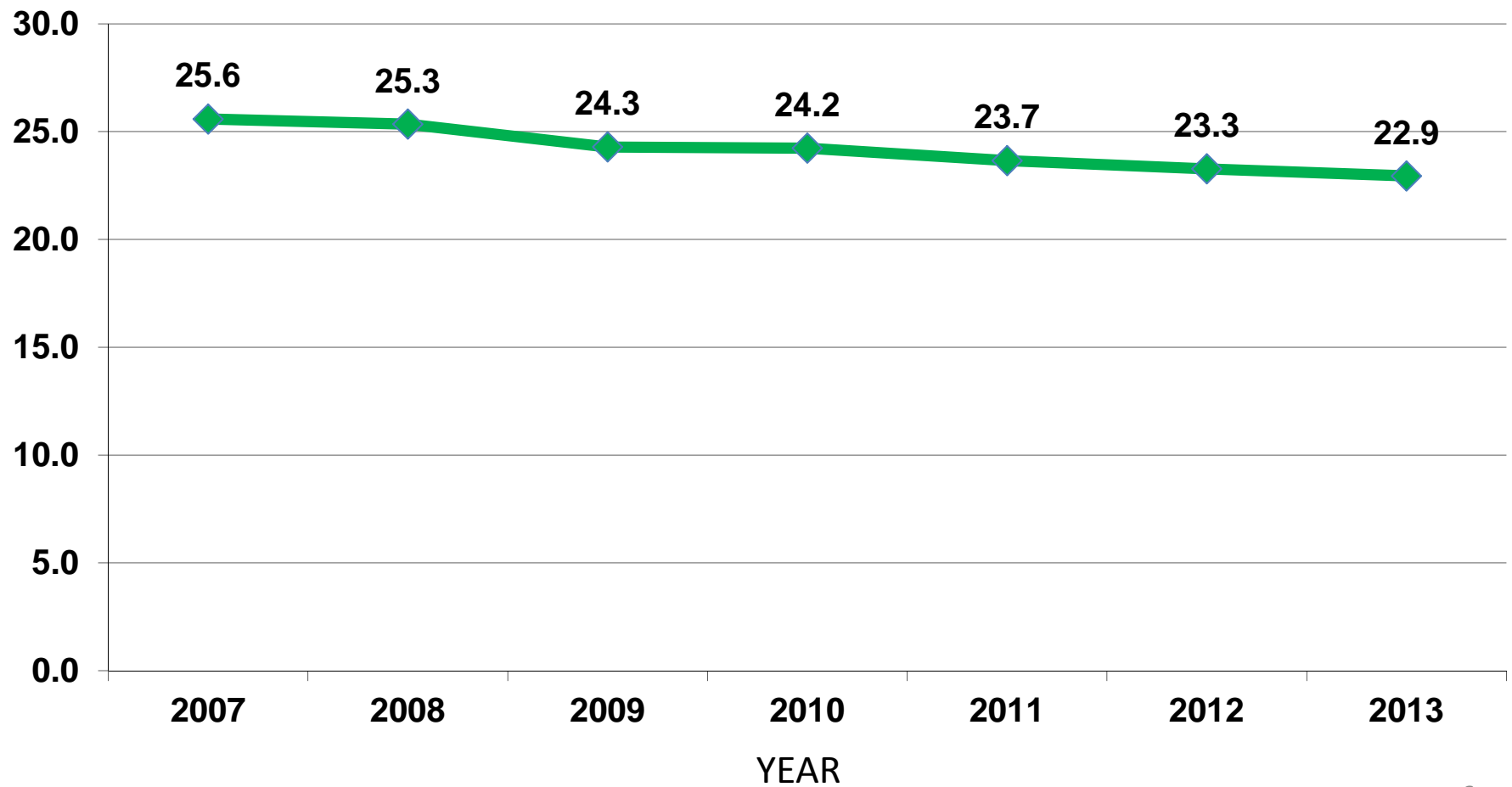
# Regional Trend: Weekday VMT

(VMT in Millions)



# Regional Trend: Weekday VMT per Capita

(Daily VMT per Capita)



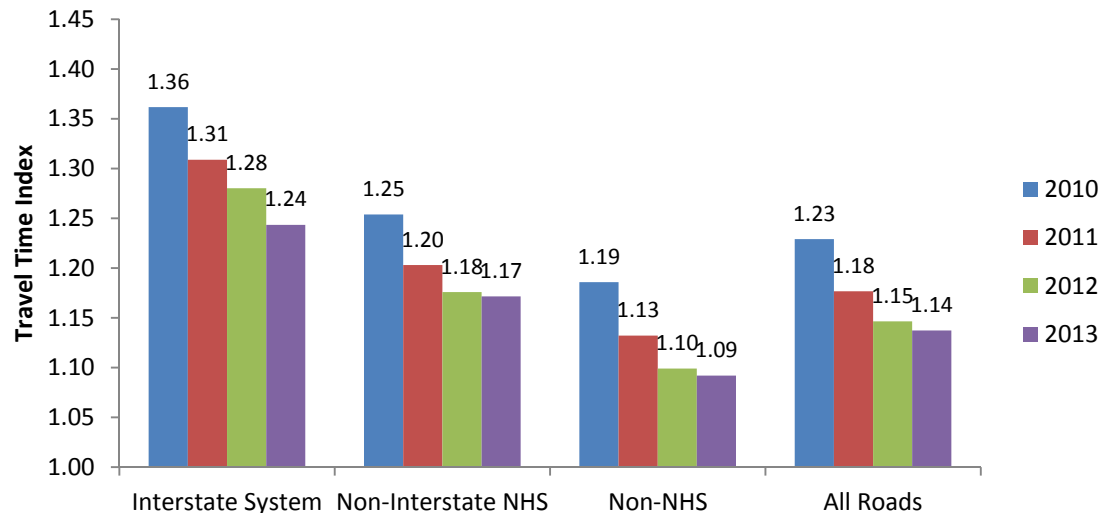
# Regional Trend: Peak Period Congestion

- The Washington region experienced decreasing congestion during peak periods from 2010-2013; but the pace of decrease had slowed down significantly in 2013:
  - The decrease in *Travel Time Index* from previous year was 4.3%, 2.6% and 0.8% in 2011, 2012 and 2013, respectively; the annual average decrease was 2.6%.

Note:

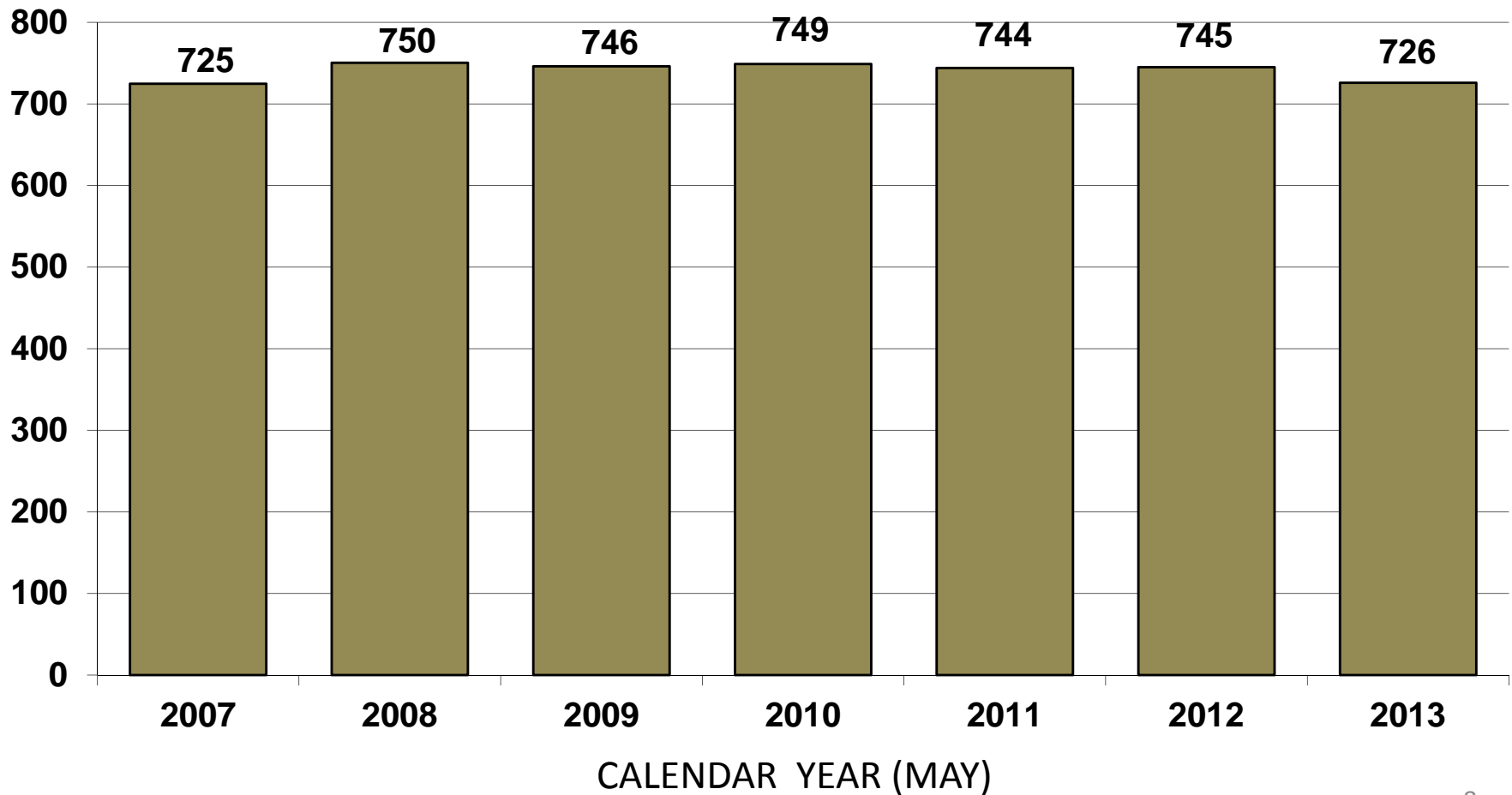
- Travel Time Index (TTI) is an indicator of the intensity of congestion, calculated as the ratio of actual travel time to free-flow travel time.
- AM Peak: 6:00-10:00 am
- PM Peak: 3:00-7:00 pm

Annual Average Travel Time Index by Highway Category  
Total AM and PM Peaks



# Regional Trend: Weekday Metrorail Ridership

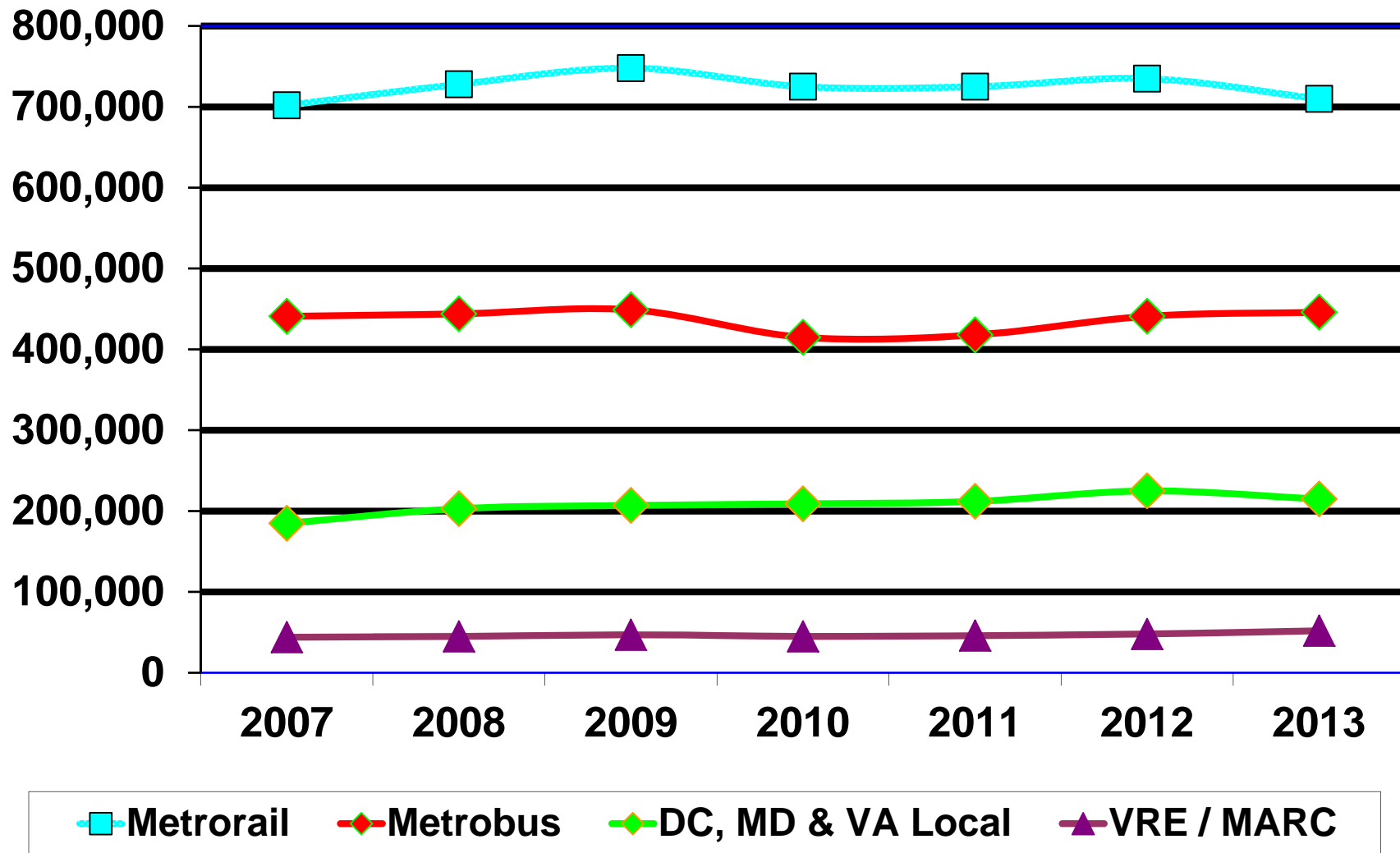
(Weekday Ridership in Thousands)



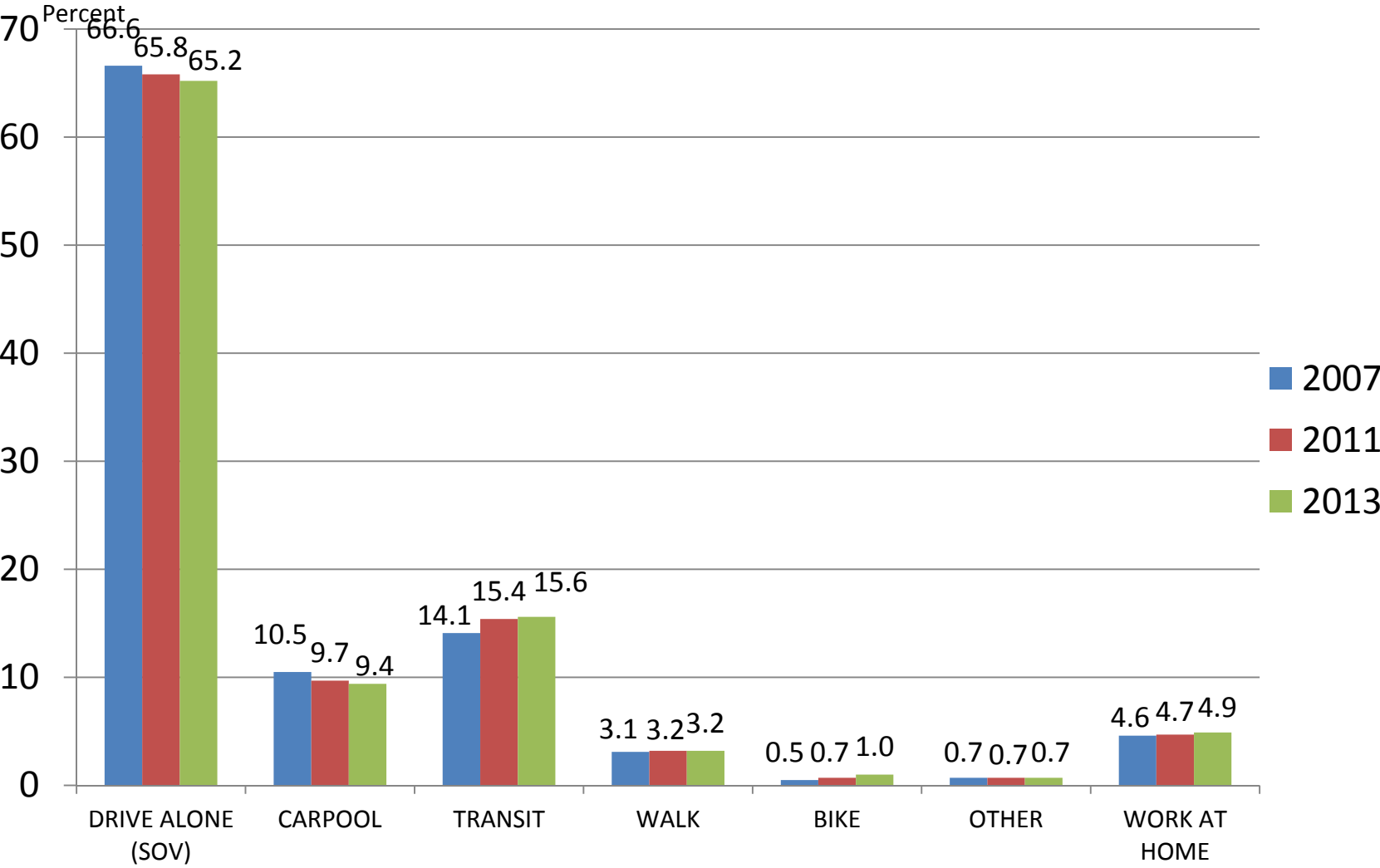


# Weekday Metrorail, Metrobus, Local Transit and Commuter Ridership FY 2007 - 2013

(Average Weekday Trips)



# Regional Trend: Commute Mode Share



# General Findings

- While population in the region increased by 11.2% and employment increased by 1.8%, daily VMT decreased by -0.2%.
- VMT per capita decreased by 10.5% from 25.6 miles per day to 22.9 miles per day and peak period congestion decreased by 7.3%
- Weekday Metrorail and Metrobus ridership trips increased by about 1%, local bus ridership increased by 16% and commuter rail increased by 18%.
- The commute mode share for single driver and carpool trips decreased. Mode share for transit, bike and work at home increased. Mode shares for walk to work and other means modes remained unchanged between 2007 and 2013.