

ITEM 14 – Information
March 16, 2016

Briefing on Current Regional Travel Trends

Staff

Recommendation: Receive briefing

Issues: None

Background: The board will be briefed on current trends in regional travel including changes in daily vehicle miles of travel (VMT), transit ridership, modal shares for single occupant vehicle (SOV), carpool, transit and biking commuting travel and peak period congestion levels.

REGIONAL TRAVEL TRENDS

Robert Griffiths
TPB Planning and Programming Director

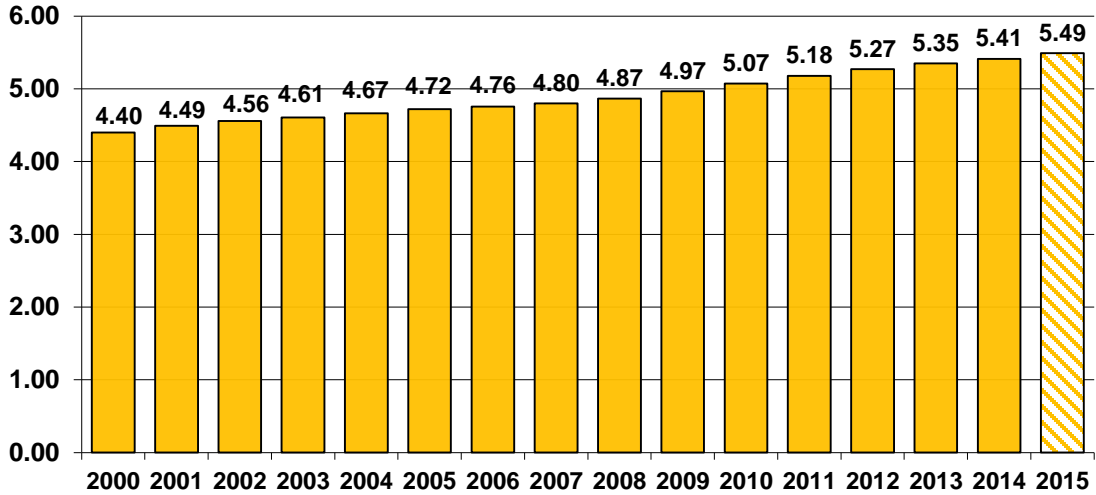
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Regional Trend: Populations

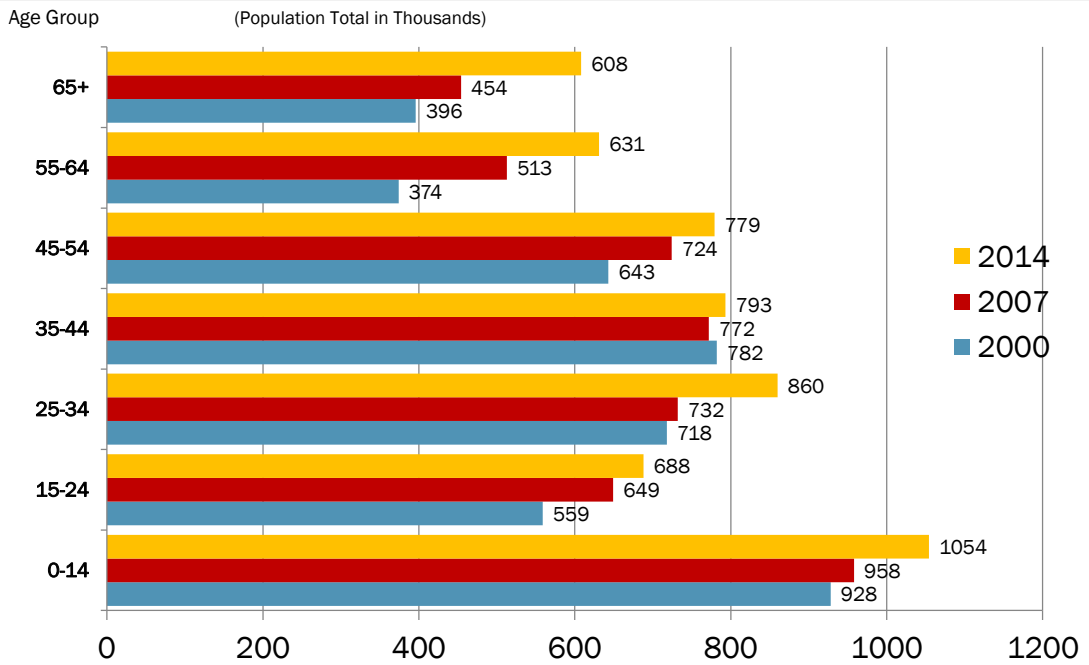
(Total Population in Millions)



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Regional Trend: Changing Age Distribution

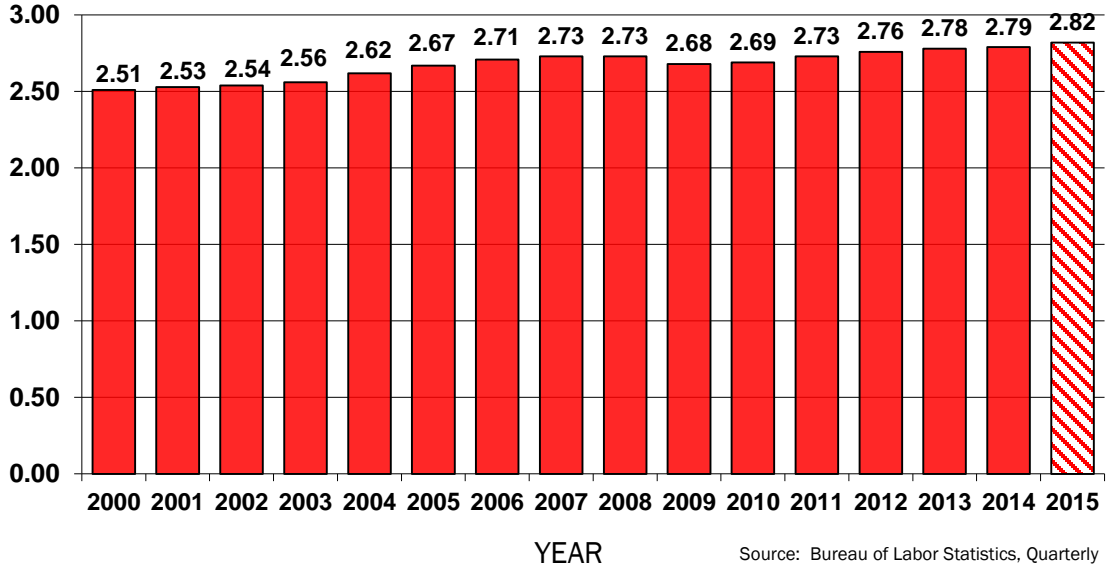


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Regional Trends: Employment

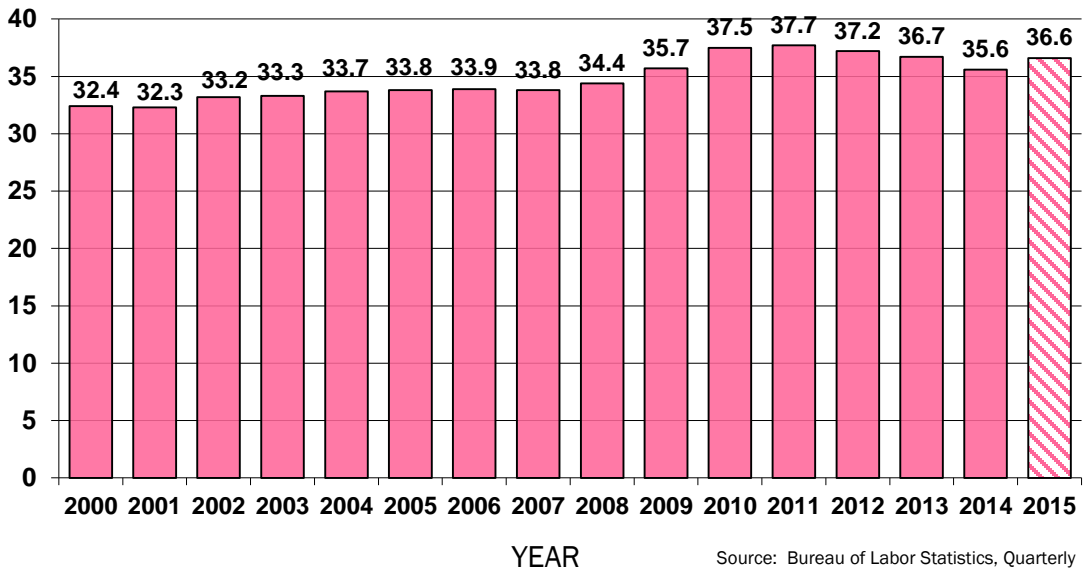
Wage & Salary Employment in Millions



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

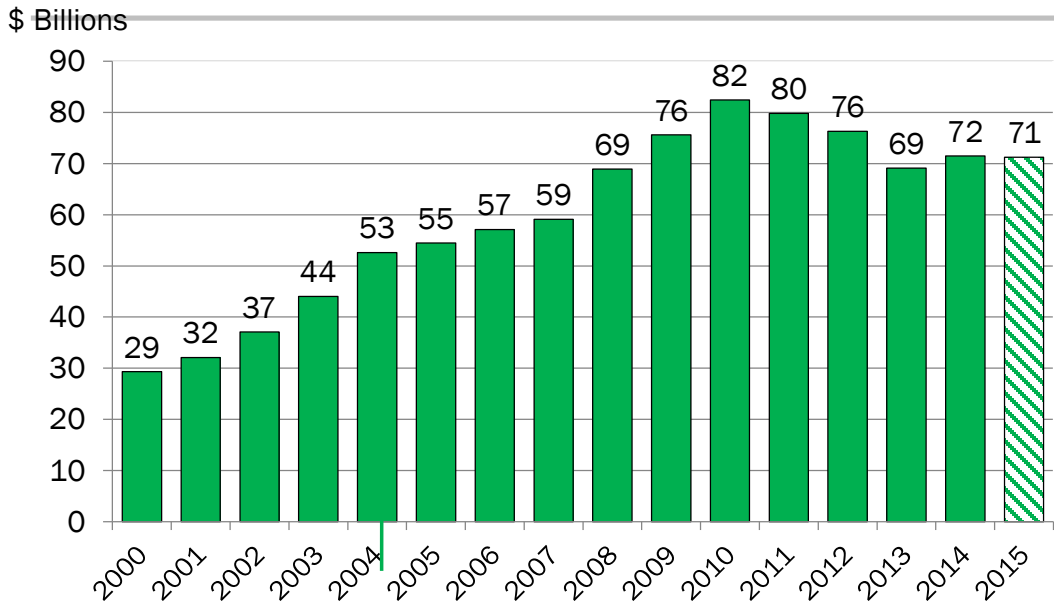
Regional Trends: Federal Employment

Federal Civilian Employment in Thousands



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

Federal Procurement Spending in the Washington Metro Area



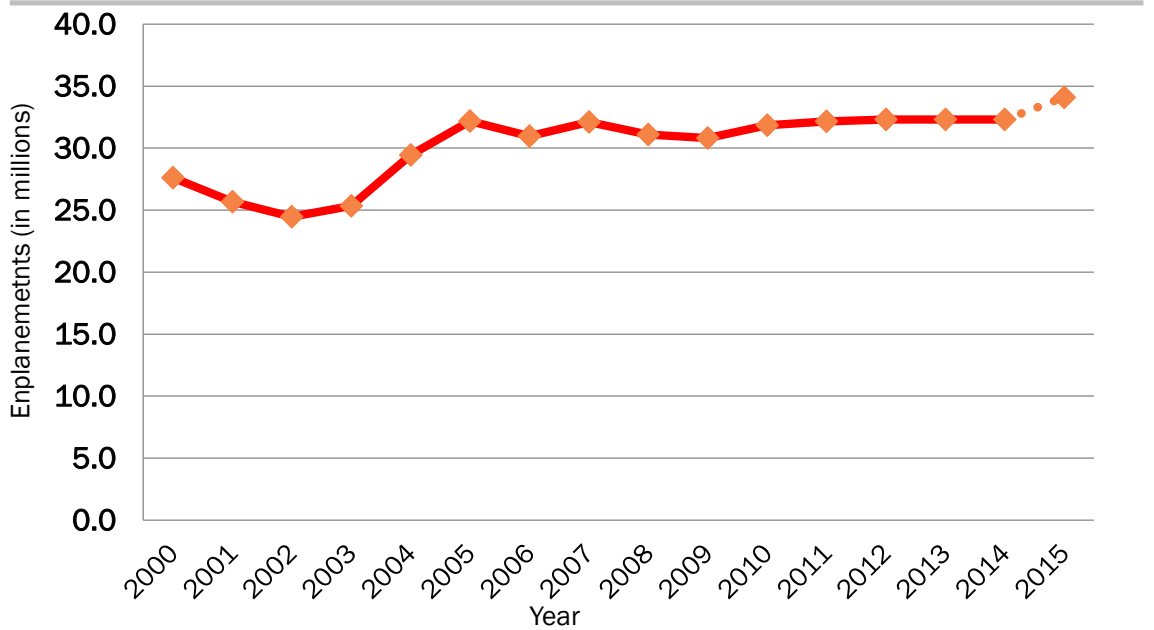
Source: GMU Center for Regional Analysis, US Census, Consolidated Federal Funds Report and USAspending.gov



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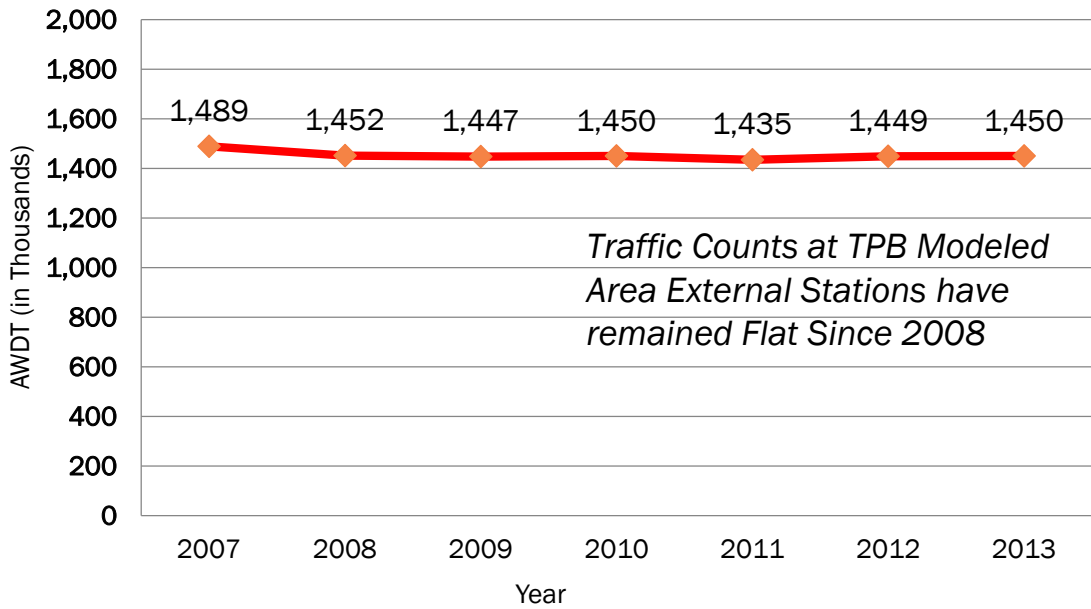
Regional Passenger Enplanements Trend, 2000-2014



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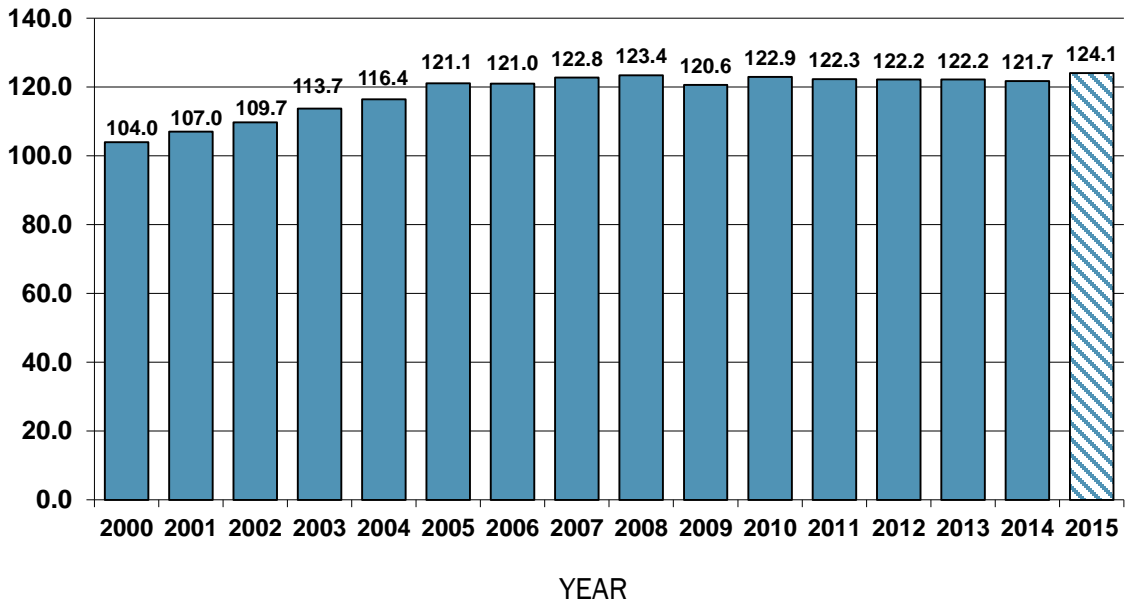
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Regional Trend: Traffic Counts at External Stations



Regional Trend: Weekday VMT

(VMT in Millions)

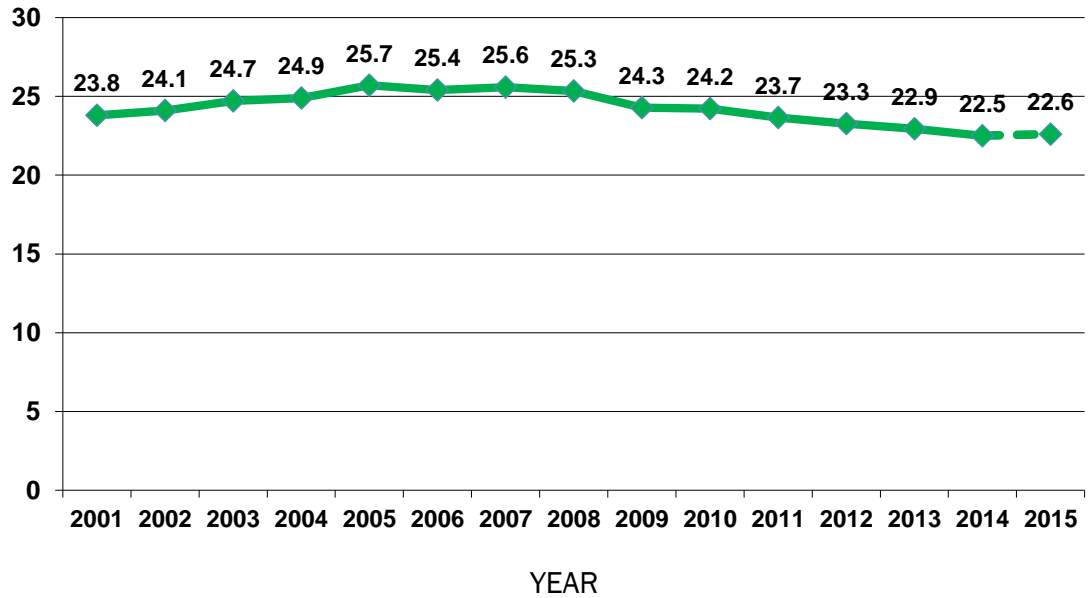


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Regional Trend: Weekday VMT/Capita

(Daily VMT per Capita)

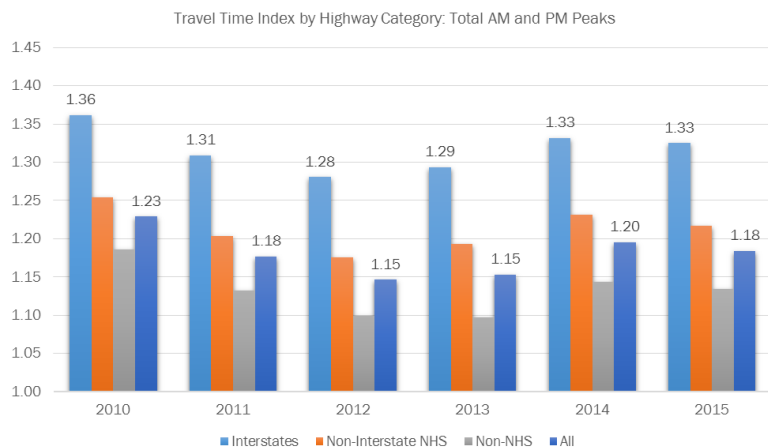


Regional Trend: Peak Period Congestion

- Peak Period congestion in the region decreased between 2010-2013; but now has increased slightly
- The *Travel Time Index* decreased by 6.5% between 2010 and 2013 and increased by 2.6% since 2013..

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



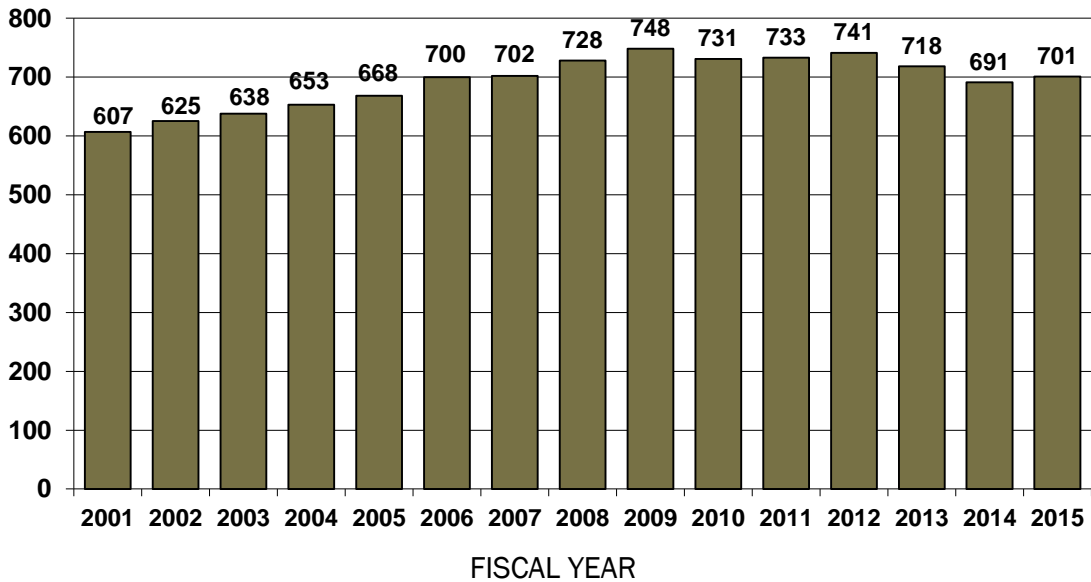
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Regional Trend: Metrorail Ridership

(Weekday Ridership in Thousands)

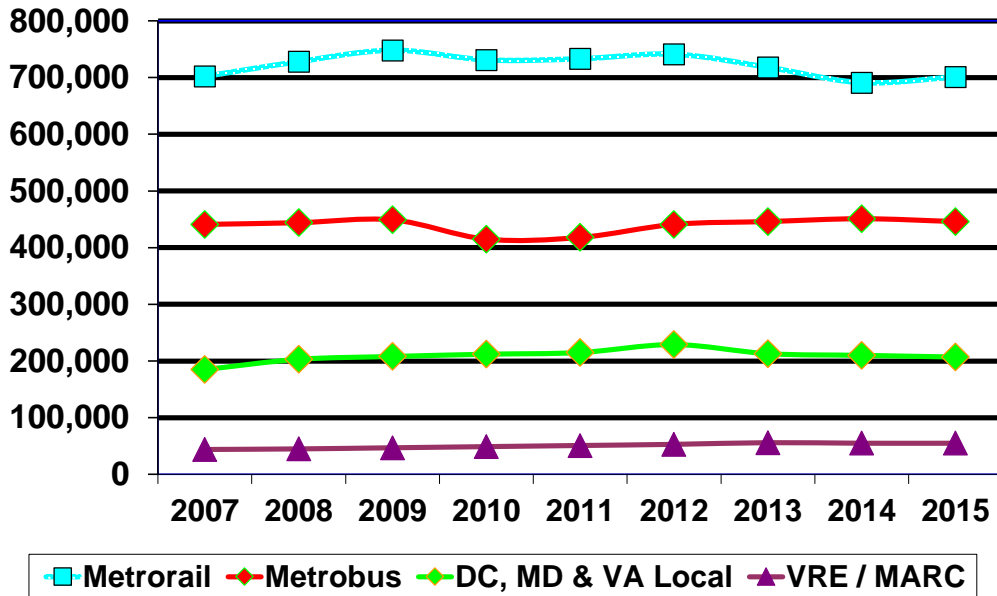


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Weekday Metrorail, Metrobus, Local Transit, Commuter Rail Ridership, 2007-2013

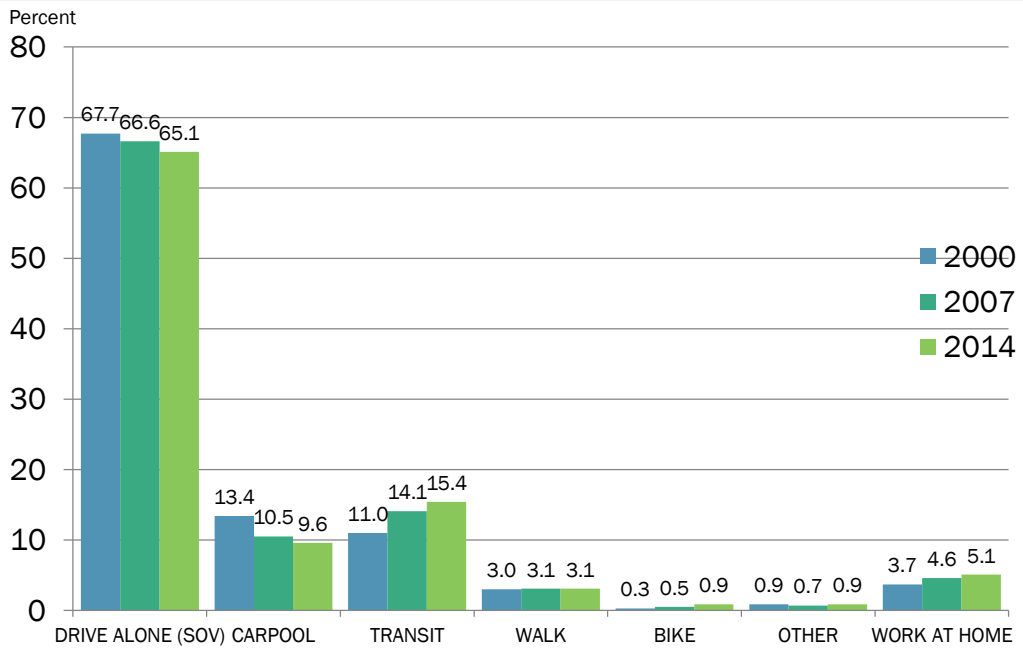
(Average Weekday Trips)



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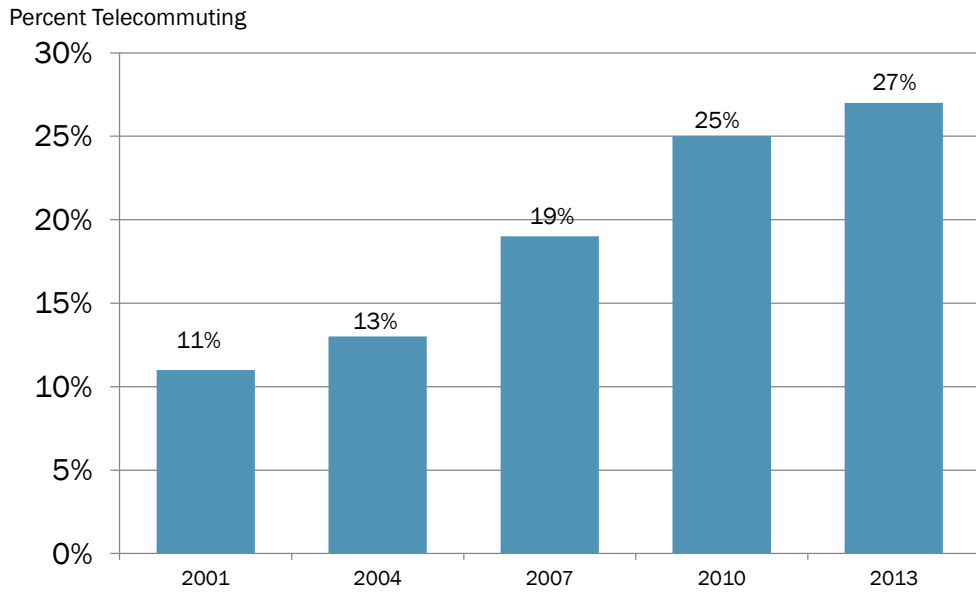
Regional Trend: Commute Mode Share



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Regional Trend: Percentage of Commuters Telecommuting



Source: Commuter Connections 2013 State of Commute Report

General Findings

- Population and employment in the region increased by 9% between 2000 and 2007. Weekday VMT increased by 18% and Metrorail ridership increased by 19% in this period.
- Between 2007 and 2014 population increased by 13% and employment increased by 2%. Weekday VMT declined by 1% and Metrorail ridership decreased by 4% in this period. Bus ridership increased by about 1% and commuter rail ridership increased by 22%.
- VMT per capita increased by 8.5% between 2000 and 2007 and decreased by 10.5% from 2007 to 2014.
- The share of commuters teleworking, at least occasionally, increased from 11% in 2001 to 19% in 2007 and from 19% to 27% between 2007 and 2013.

Robert Griffiths

TPB Planning and Programming Director
reg@mwkog.org

mwkog.org/tpb

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002



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