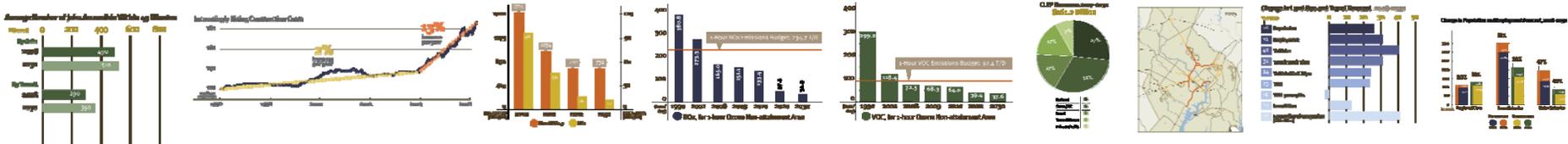


# The 2008 CLRP Performance Analysis

for the final brochure

February 2009



Rex Hodgson  
Department of Transportation Planning

# Basis for the 2008 Final Brochure & Analysis

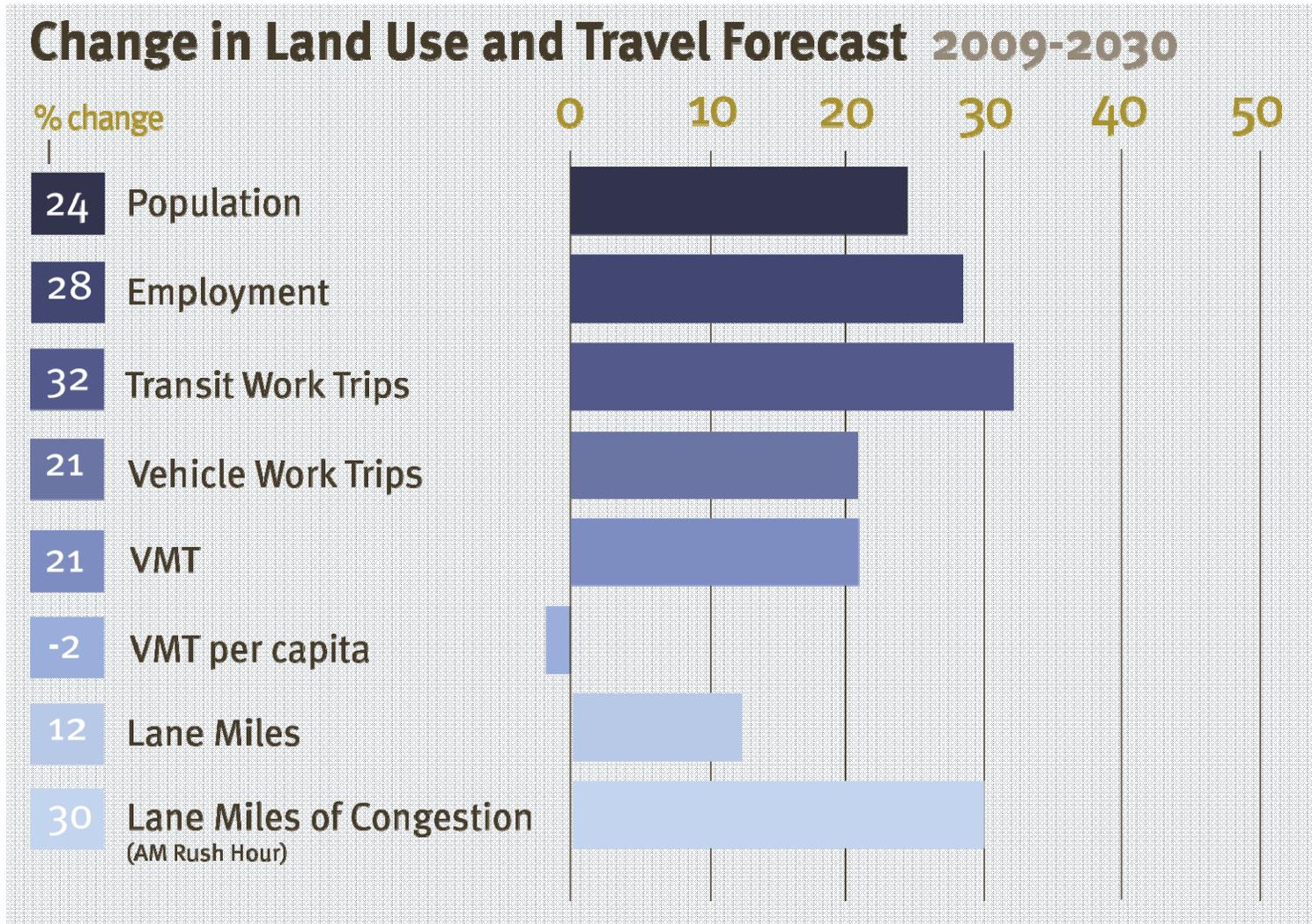
- Draft 2008 CLRP Brochure
- Same performance measures and brochure format as 2006 and 2007 brochure
- New base year: 2009 instead of 2008
- Round 7.1a of the Cooperative Forecast
- Travel Demand Model v2.2



# What's in the Brochure?

- Overview of TPB Vision and federal requirements
- New projects added in 2008
- Highway, transit, bicycle and pedestrian projects and studies
- Selected project details
- The financial plan
- **Plan performance**
- Public involvement

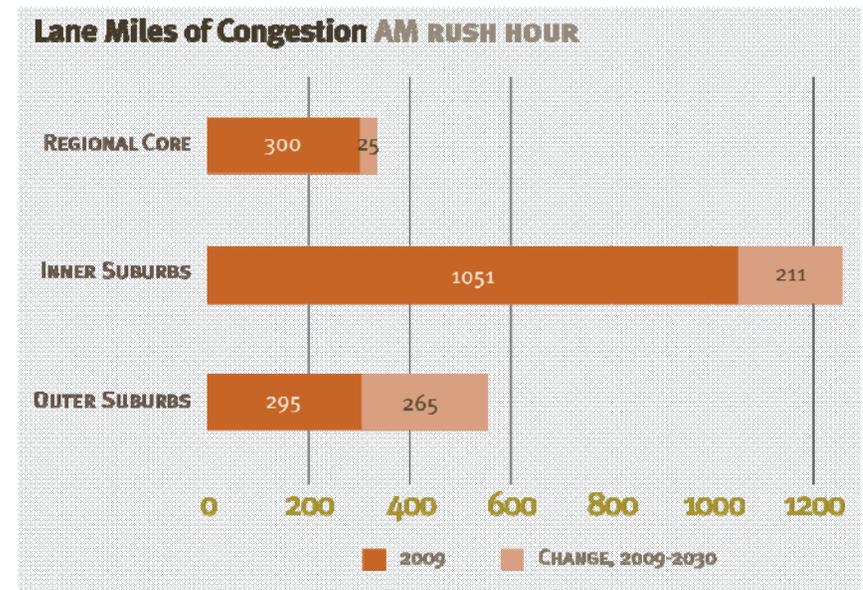
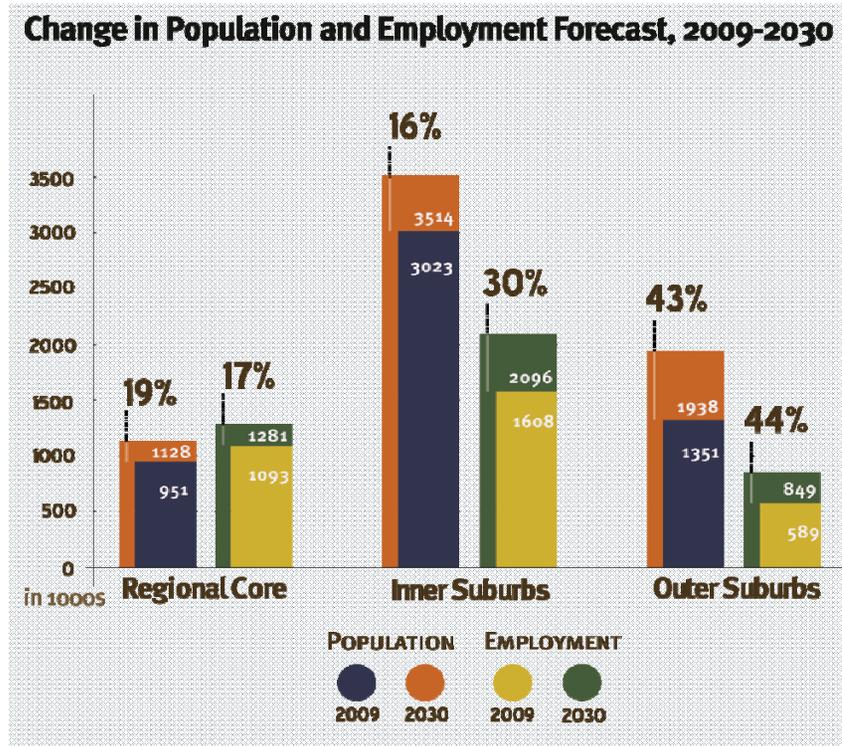
# Growth and Travel Demand



# Where is it all happening?

The region as a whole is growing steadily...

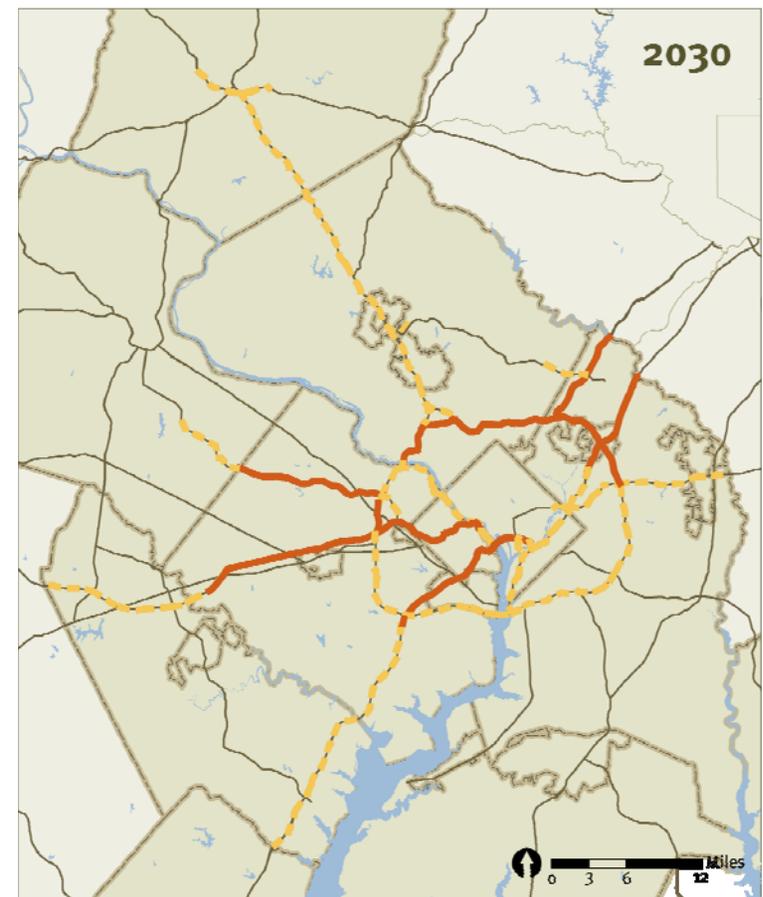
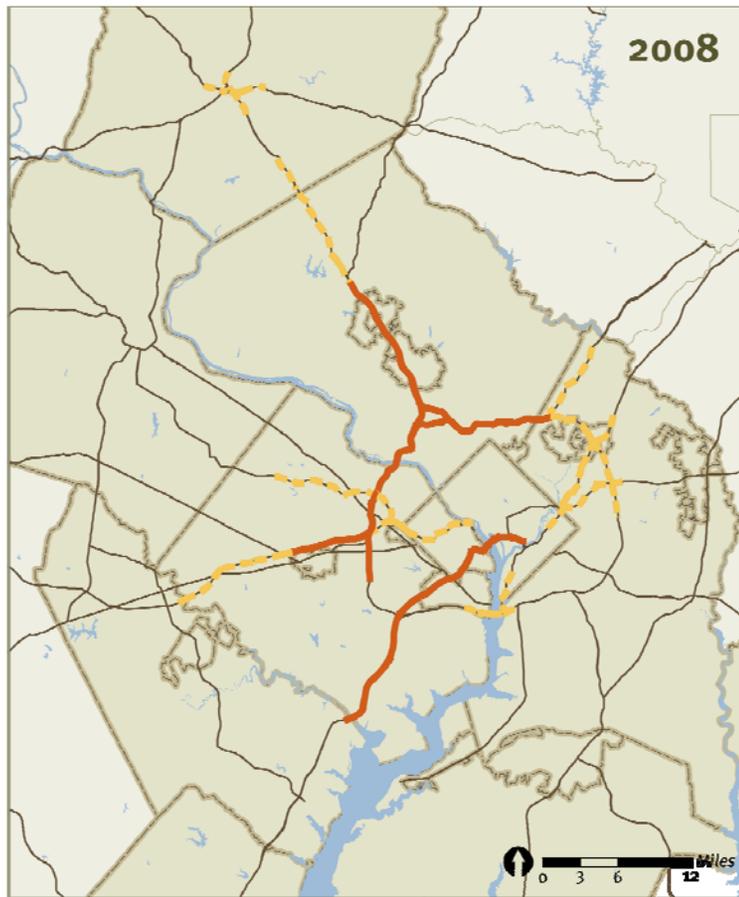
...but growth is much faster in the outer jurisdictions



# Regional Congestion

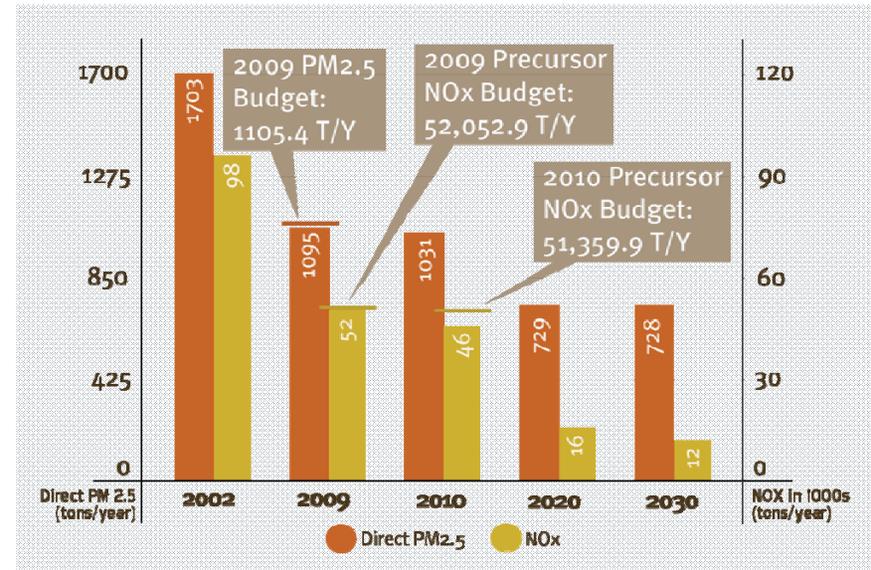
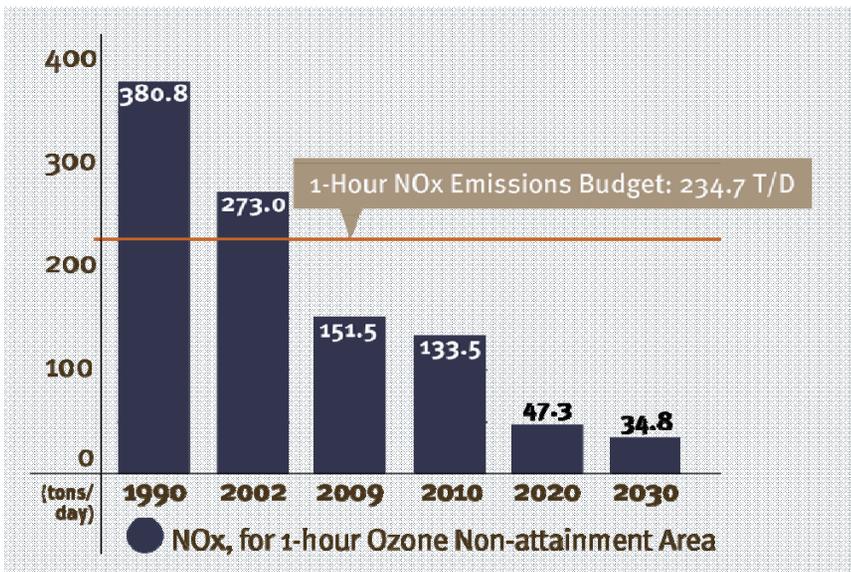
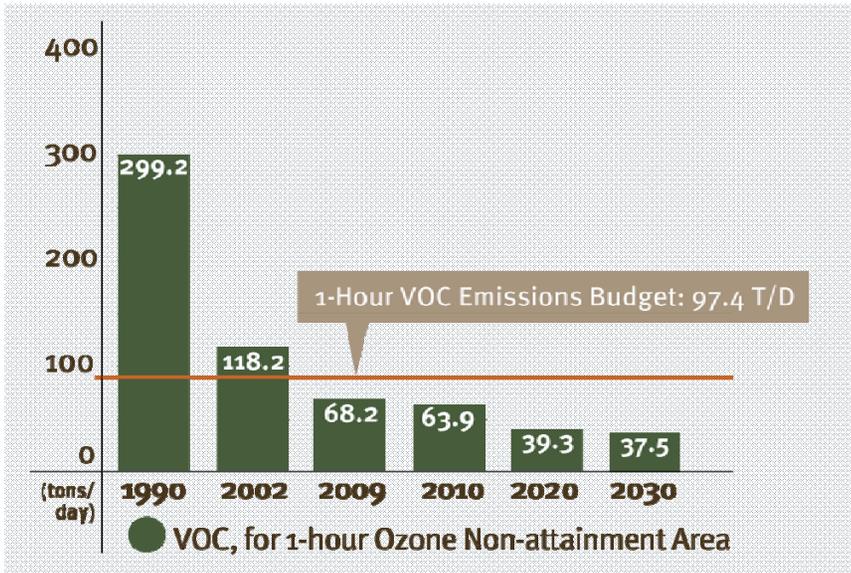
Worsening, but few areas of improvement, such as I-95 South of the Beltway

- Congested Flow  
[average speed 30-50 mph]
- Stop and Go Conditions  
[average speed <30 mph]



# Air Quality

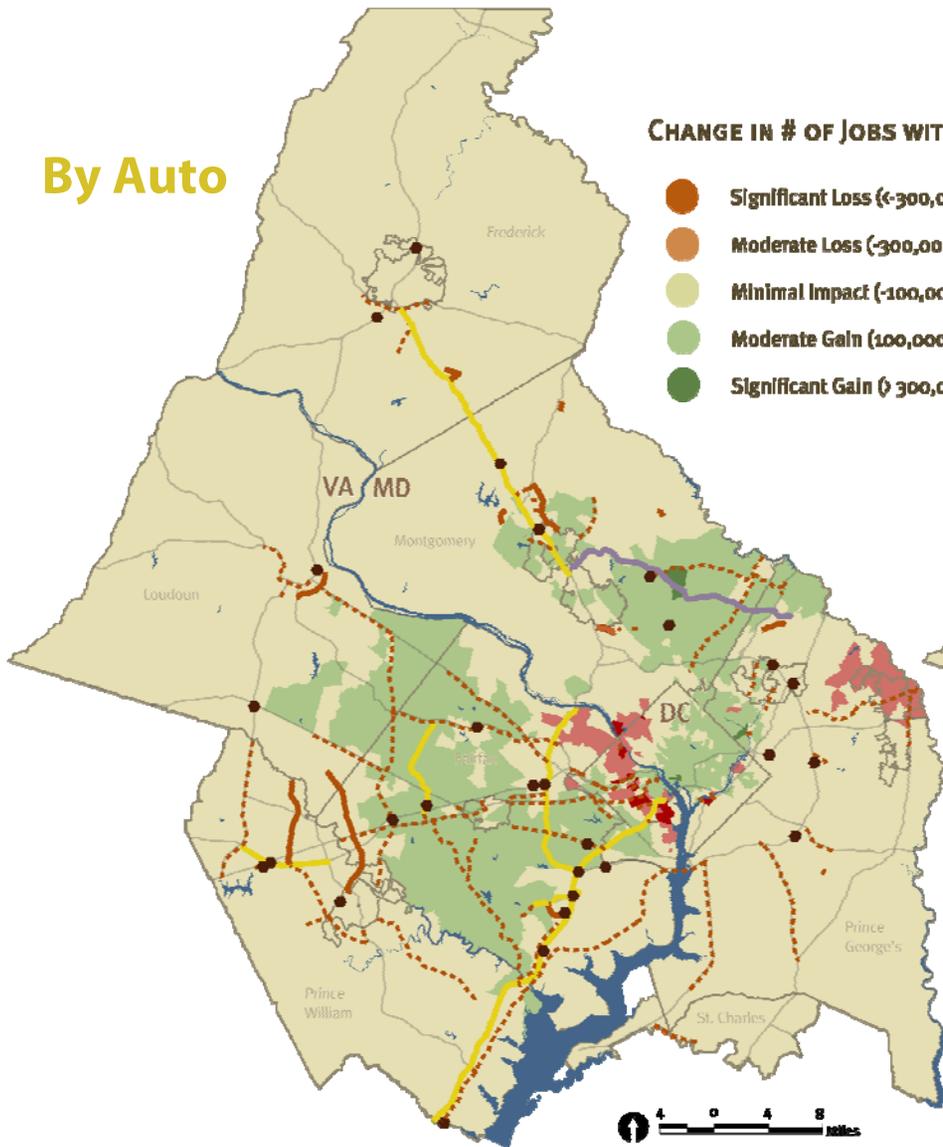
General improvement in emissions currently analyzed for conformity



# Accessibility

Average accessibility is rising overall

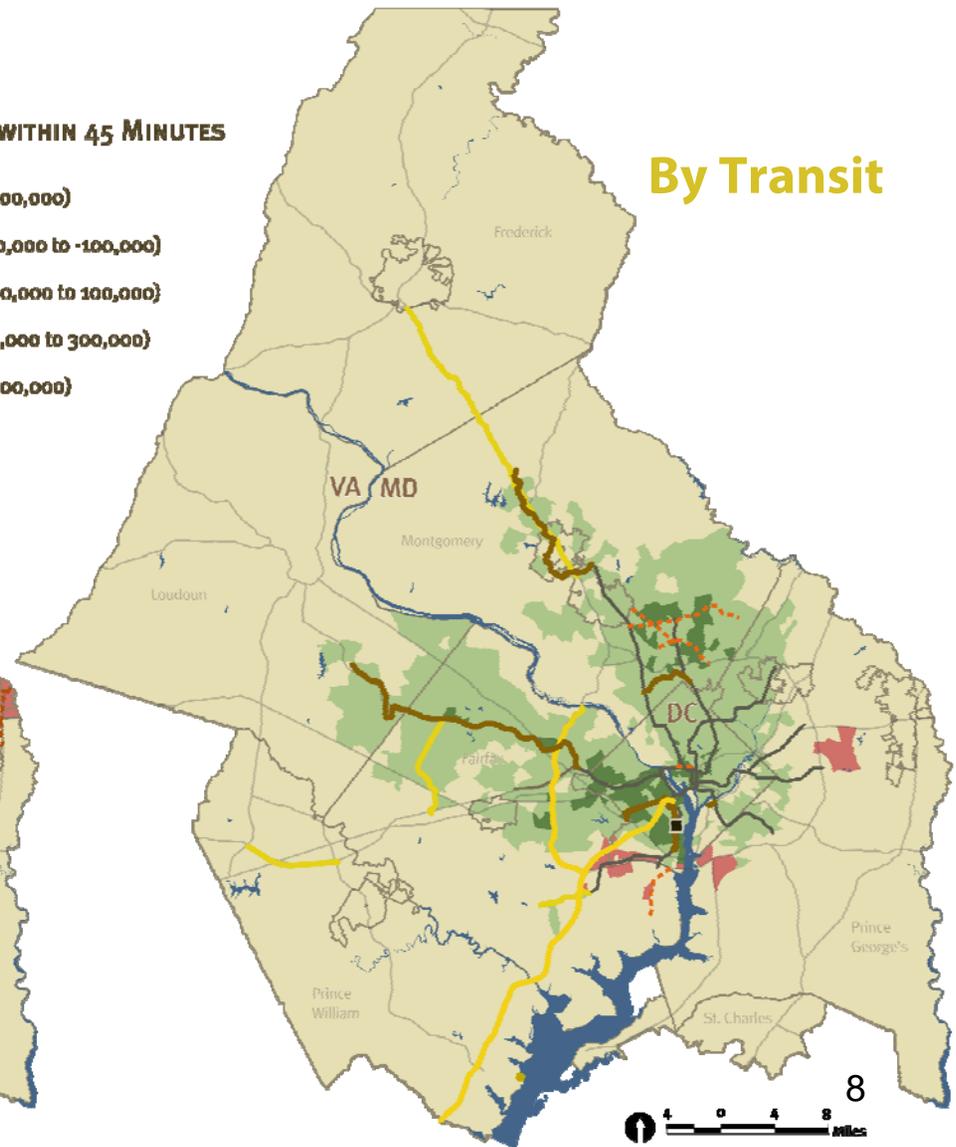
By Auto



CHANGE IN # OF JOBS WITHIN 45 MINUTES

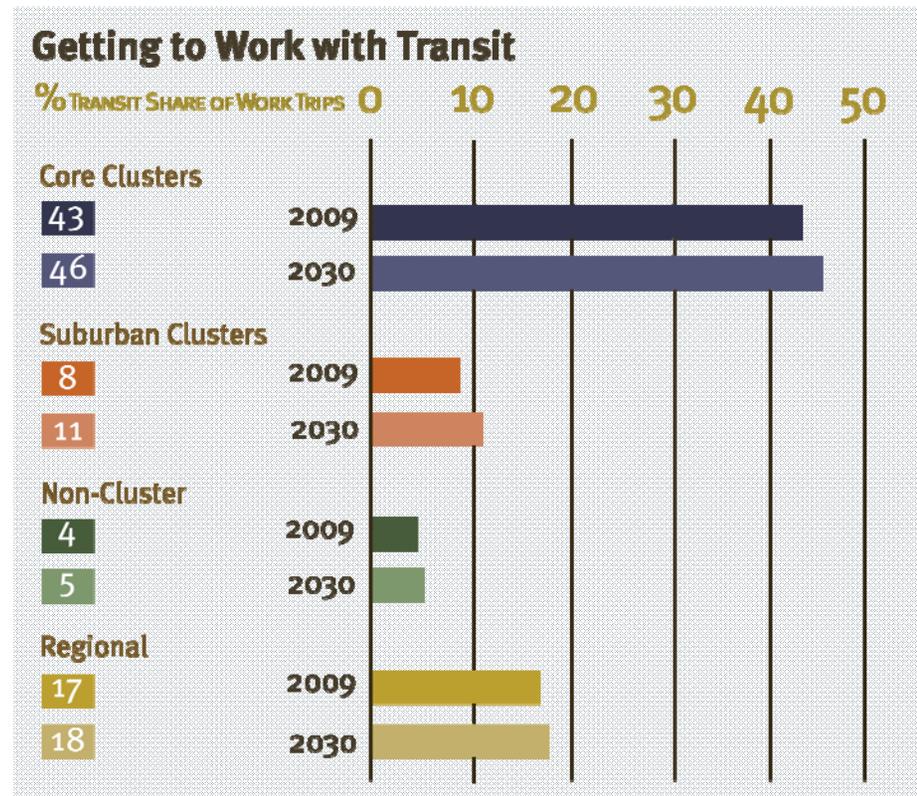
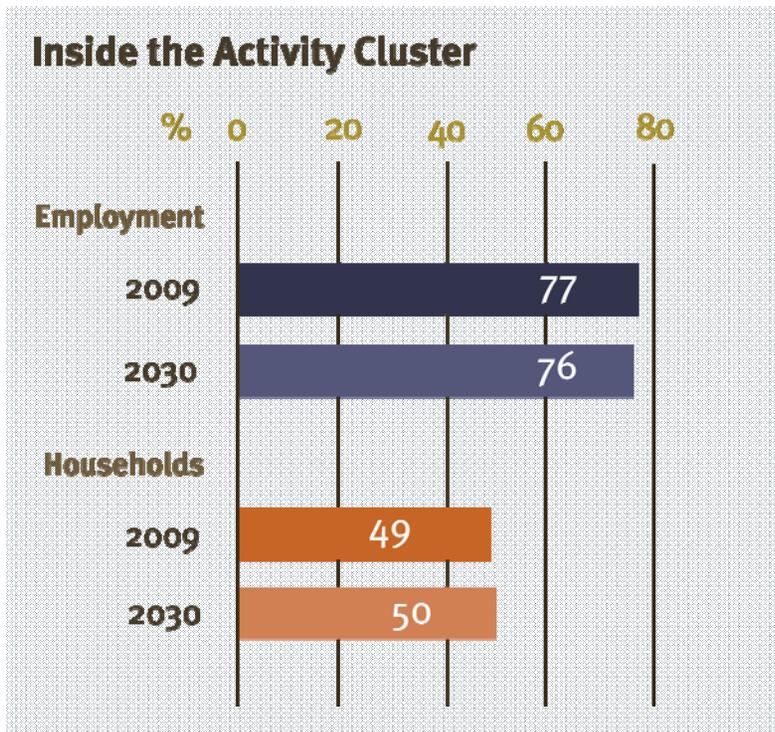
- Significant Loss ( $\le -300,000$ )
- Moderate Loss (-300,000 to -100,000)
- Minimal Impact (-100,000 to 100,000)
- Moderate Gain (100,000 to 300,000)
- Significant Gain ( $> 300,000$ )

By Transit



# Is Growth in the Activity Clusters?

Around 90% of transit work trips are to jobs in activity clusters, 70% of which are to the core clusters



# Comments and Review

Please provide any corrections to the content in the brochure to Rex Hodgson ([rhodgson@mwkog.org](mailto:rhodgson@mwkog.org)) by Friday, February 13<sup>th</sup>

A full color version of this presentation is available online under TPB Technical Committee meeting documents:

[http://www.mwkog.org/transportation/committee/committee/documents.asp?COMMITTEE\\_ID=16](http://www.mwkog.org/transportation/committee/committee/documents.asp?COMMITTEE_ID=16)

Analysis of performance data for the 2008 CLRP was preformed for jurisdictions in the MSA.

**Jurisdictions in the MSA**  
(as defined in 1983)

-  **Regional Core:** District of Columbia; Arlington County and the City of Alexandria in Virginia
-  **Inner Suburbs:** Montgomery and Prince George's Counties in Maryland; Fairfax County and the Cities of Fairfax and Falls Church in Virginia
-  **Outer Suburbs:** Loudoun, Prince William and Stafford Counties in Virginia, Frederick, Calvert and Charles Counties in Maryland



TRAVEL DEMAND FORECASTS FOR THE MSA\*  
2008 CLRP

	2009	2010	2020	2030	Absolute Change 2009- 2030	Percent Change 2009-2030
<b>Demographics</b>						
Population	5,325,732	5,410,430	6,107,668	6,579,787	1,254,055	24%
Employment	3,291,353	3,351,332	3,830,120	4,226,030	934,678	28%
<b>Forecast Daily Travel</b>						
Truck Trips	385,603	392,016	445,455	488,557	102,954	27%
Total Vehicle Trips	17,016,129	17,258,908	19,426,619	20,996,870	3,980,741	23%
Total Daily VMT	122,147,760	124,681,194	140,229,265	148,352,202	26,204,442	21%
Total Daily VMT Per Capita	22.94	23.04	22.96	22.55	-0.39	-2%
Lane-Miles of Roadway	15,419	15,866	17,182	17,320	1,901	12%
<b>Forecast Work Travel</b>						
All Person Work Trips	3,558,739	3,614,711	4,083,463	4,389,274	830,535	23%
Auto Person Trips	2,940,800	2,979,749	3,328,832	3,573,068	632,268	21%
Auto Driver Trips	2,607,189	2,626,547	2,920,582	3,131,407	524,218	20%
Auto Passenger Trips	333,611	353,202	408,250	441,661	108,050	32%
Vehicle Trips on HOV Facilities	31,026	31,012	41,083	46,008	14,982	48%
Average Auto Occupancy*	1.13	1.13	1.14	1.14	0.01	1%
Transit Work Trips	617,939	634,962	754,626	816,207	198,268	32%
Transit Share of Work Trips	17.36%	17.57%	18.48%	18.60%	1.23%	7.1%
Transit Share of Work Trips in District Core	76.5	76.9	79.9	80.7	420.00%	5.5%
Unconstrained Transit Work Trips	617,939	634,962	778,717	846,262	228,323	37%
Unconstrained Transit Share of Work Trips	17.36%	17.57%	19.07%	19.28%	1.92%	11%

\* The Metropolitan Statistical Area (MSA) as defined in 1983