

## **ITEM 11 - Information**

March 18, 2015

### Briefing on the COG Cooperative Forecasting Process

#### **Staff**

**Recommendation:** Receive briefing on the COG Cooperative Forecasting Process and the Round 8.4 Forecasts of future population, household and employment growth in the region.

**Issues:** None

**Background:** At its February 11 meeting the COG Board approved the Draft Round 8.4 Cooperative Forecasts for use by the TPB in the Air Quality Conformity Analysis of the 2015 CLRP and FY 2015 to 2020 Transportation Improvement Program.



# Round 8.4 Cooperative Forecasts

## National Capital Region Transportation Planning Board

Paul DesJardin  
Director of Community Planning and Services  
March 18, 2015



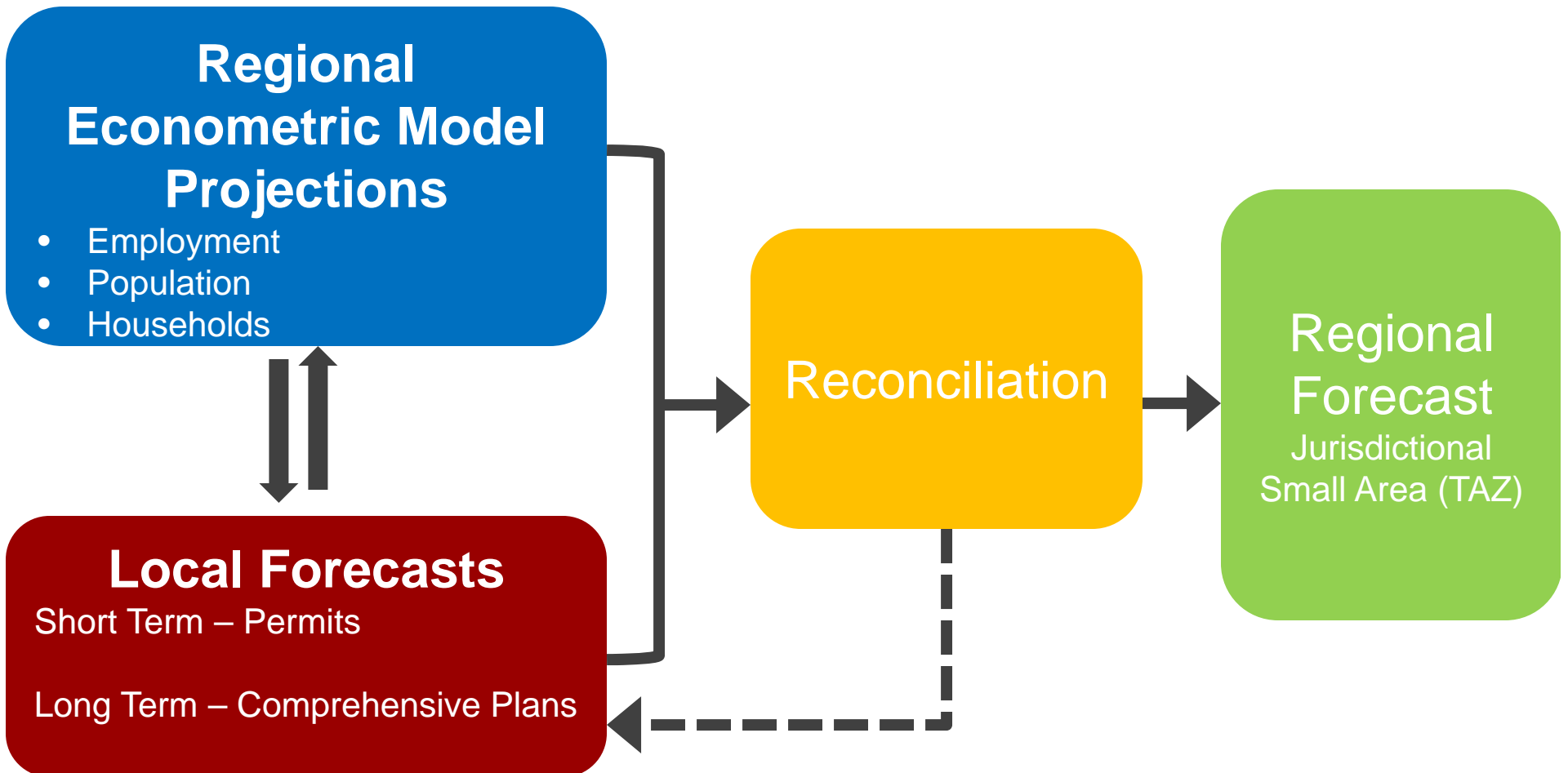
# Use of Round 8.4 Cooperative Forecasts

**2015 Air Quality  
Conformity  
Analysis**

**TPB CLRP  
Performance  
Analysis**

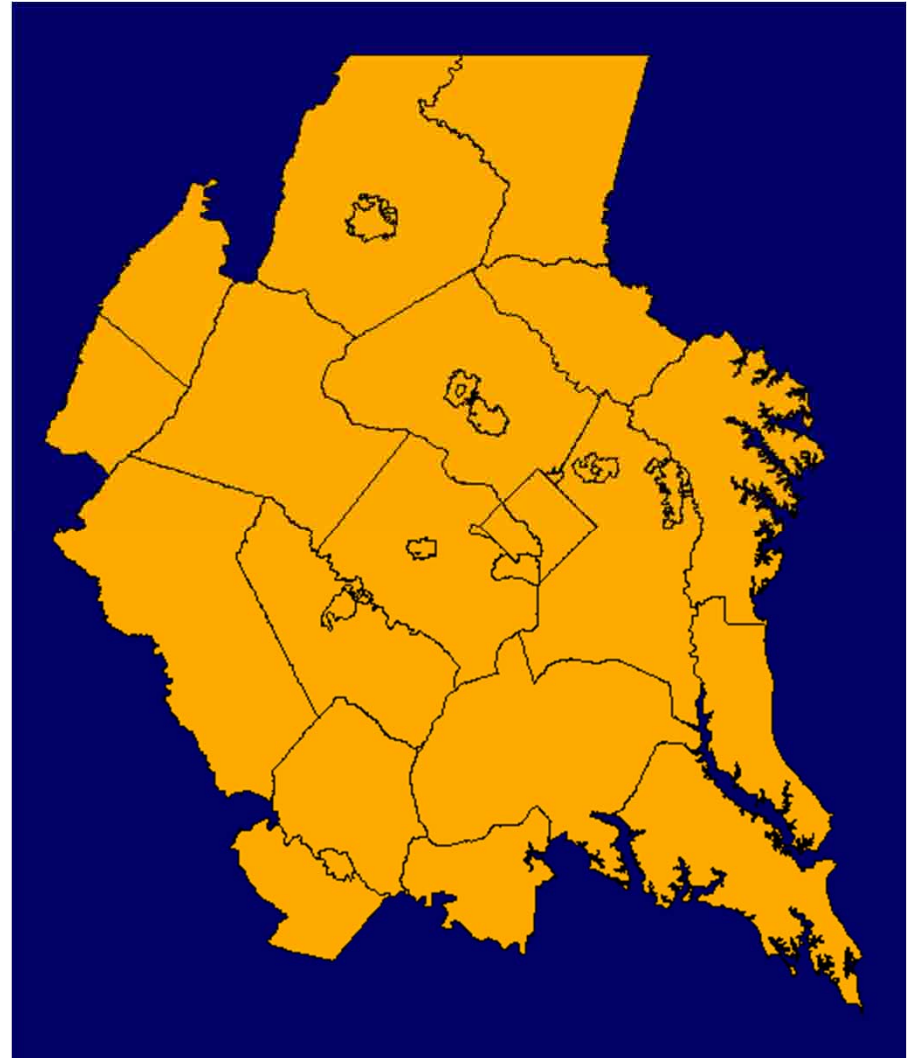
**Activity Center  
Growth Trends**

# Cooperative Forecasting Process



# Growth Forecasts for All Jurisdictions in the TPB Modeled Area are included in Round 8.4

- **COG and TPB Member Jurisdictions**
- **BMC Counties in TPB Modeled Area**
  - Anne Arundel, Carroll & Howard
- **FAMPO**
  - Fredericksburg, King George, Spotsylvania & Stafford
- **Others**
  - Calvert, St. Mary's , Clarke & Jefferson



## Round 8.4 Jurisdictional Updates

- **Arlington County**
- **City of Alexandria**
- **Fairfax County** (*Population and Households Only*)
- **Prince William County**
  
- **New Forecasts for Anne Arundel, Carroll, and Howard Counties from the Baltimore Metropolitan Council**

# Summary of Round 8.4 Cooperative Forecasts

	TPB Modeled Area (Thousands)		2015 to 2040 Growth	
	<u>2015</u>	<u>2040</u>	<u>Number</u>	<u>Percent</u>
<b>EMPLOYMENT</b>	4,137.5	5,557.2	1,419.7	36.2%
<b>POPULATION</b>	7,046.4	8,758.9	1,712.5	25.8%
<b>HOUSEHOLDS</b>	2,631.8	3,357.0	725.2	29.4%



# Comparison of 2040 Forecasts: Round 8.3 and Round 8.4

## TPB Modeled Area

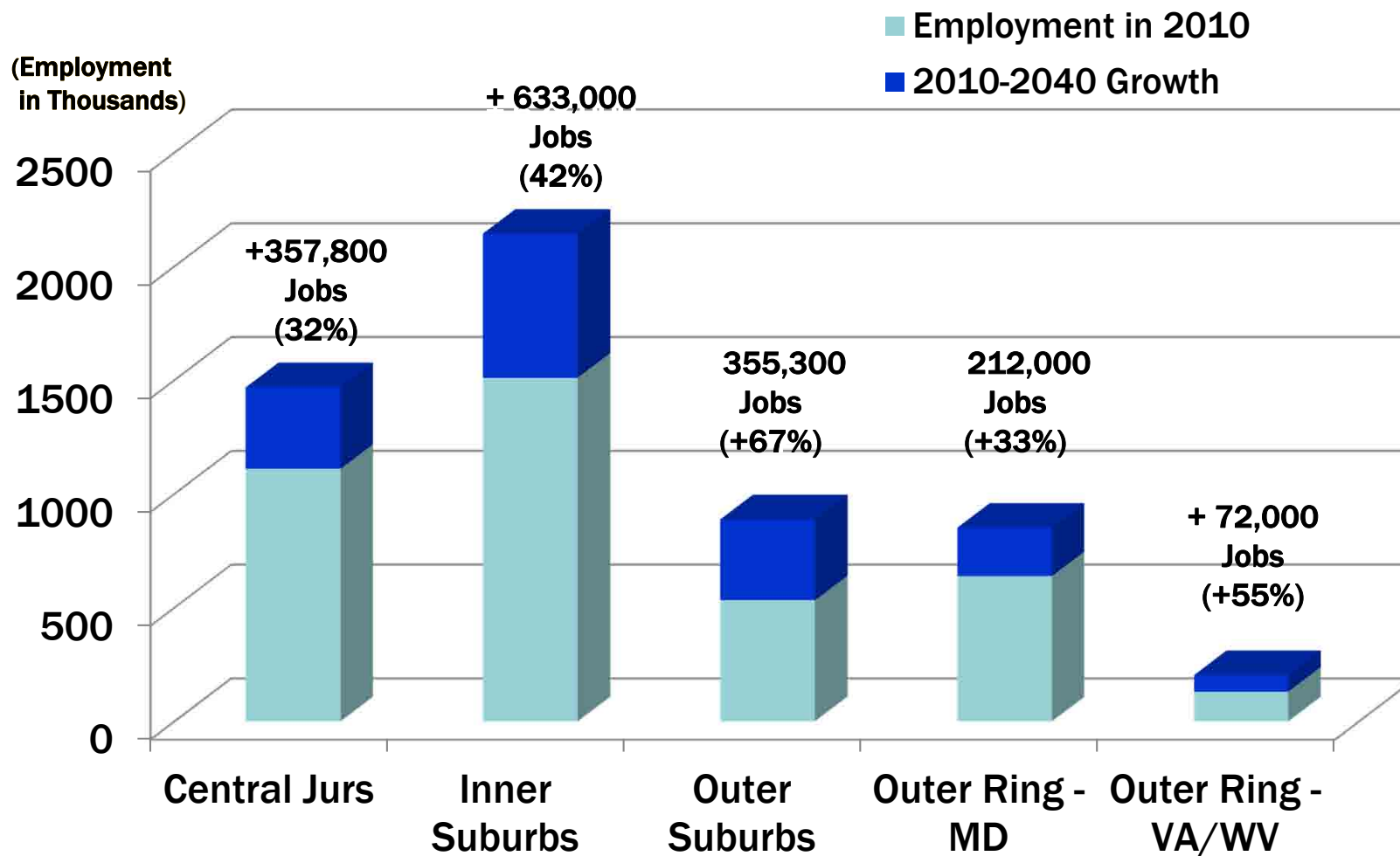
(Thousands)

	<u>Round</u> <u>8.3</u>	<u>Round</u> <u>8.4</u>	<u>Number</u>	<u>Percent</u>
<b>EMPLOYMENT</b>	5,572.7	5,557.2	-15.5	-0.3%
<b>POPULATION</b>	8,794.6	8,758.9	-35.7	-0.4%
<b>HOUSEHOLDS</b>	3,372.6	3,357.0	-15.6	-0.5%

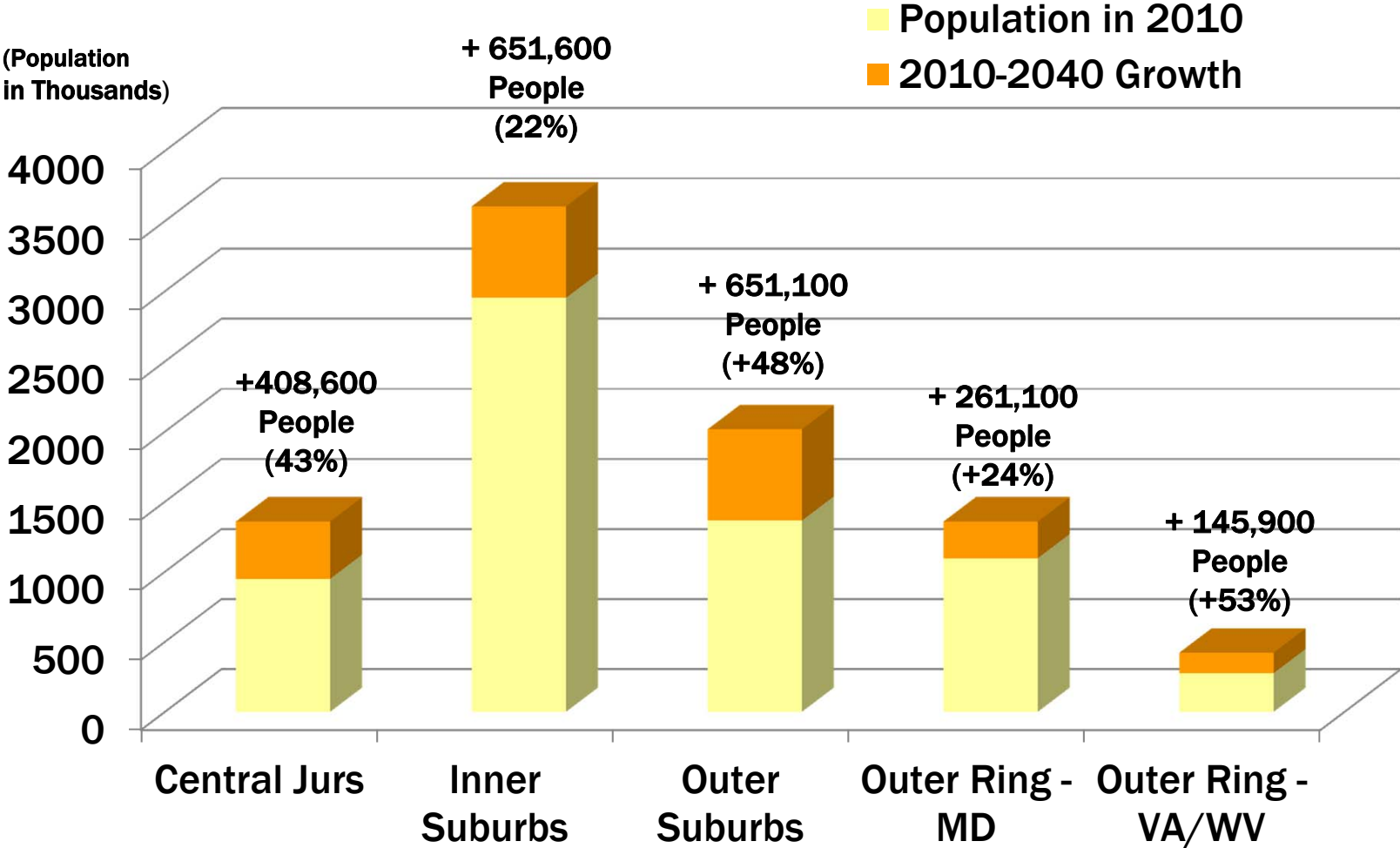
# Forecasts for Jurisdictions in TPB Modeled Area Have Been Grouped Geographically for Analysis Purposes

Central Jurisdictions	Inner Suburbs	Outer Suburbs	Outer Ring - MD	Outer Ring - VA/WV
<ul style="list-style-type: none"> <li>• District of Columbia</li> <li>• Arlington</li> <li>• Alexandria</li> </ul>	<ul style="list-style-type: none"> <li>• Montgomery</li> <li>• Prince George's</li> <li>• Fairfax (County)</li> <li>• Fairfax (city)</li> <li>• Falls Church</li> </ul>	<ul style="list-style-type: none"> <li>• Loudoun</li> <li>• Prince William</li> <li>• Manassas</li> <li>• Manassas Park</li> <li>• Calvert</li> <li>• Charles</li> <li>• Frederick County (MD)</li> <li>• Stafford</li> </ul>	<ul style="list-style-type: none"> <li>• Anne Arundel</li> <li>• Carroll</li> <li>• Howard</li> <li>• St. Mary's</li> </ul>	<ul style="list-style-type: none"> <li>• Fredericksburg</li> <li>• King George</li> <li>• Spotsylvania (portion)</li> <li>• Clarke</li> <li>• Fauquier</li> <li>• Jefferson (WV)</li> </ul>

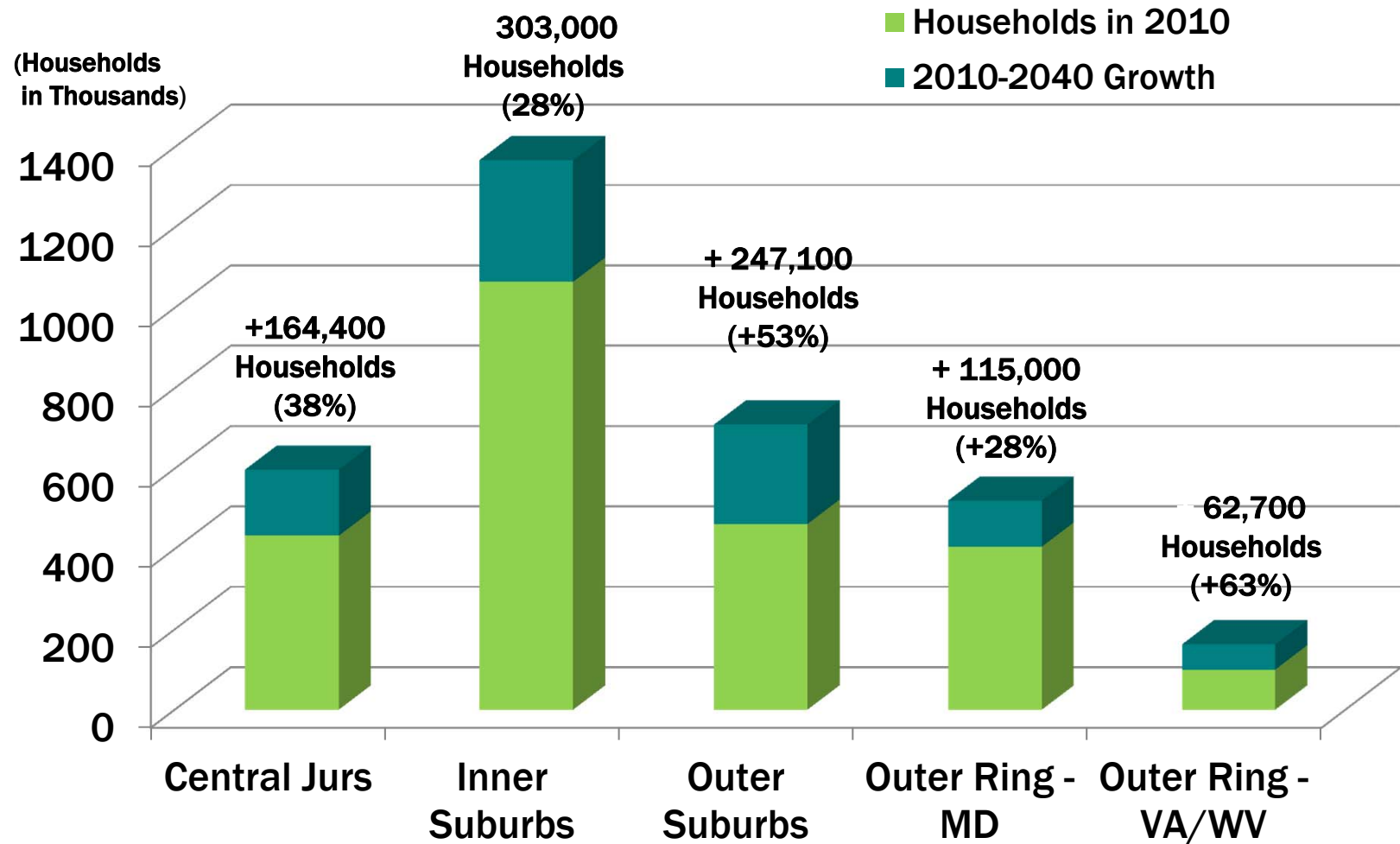
# Forecast Employment Growth (2010-2040)



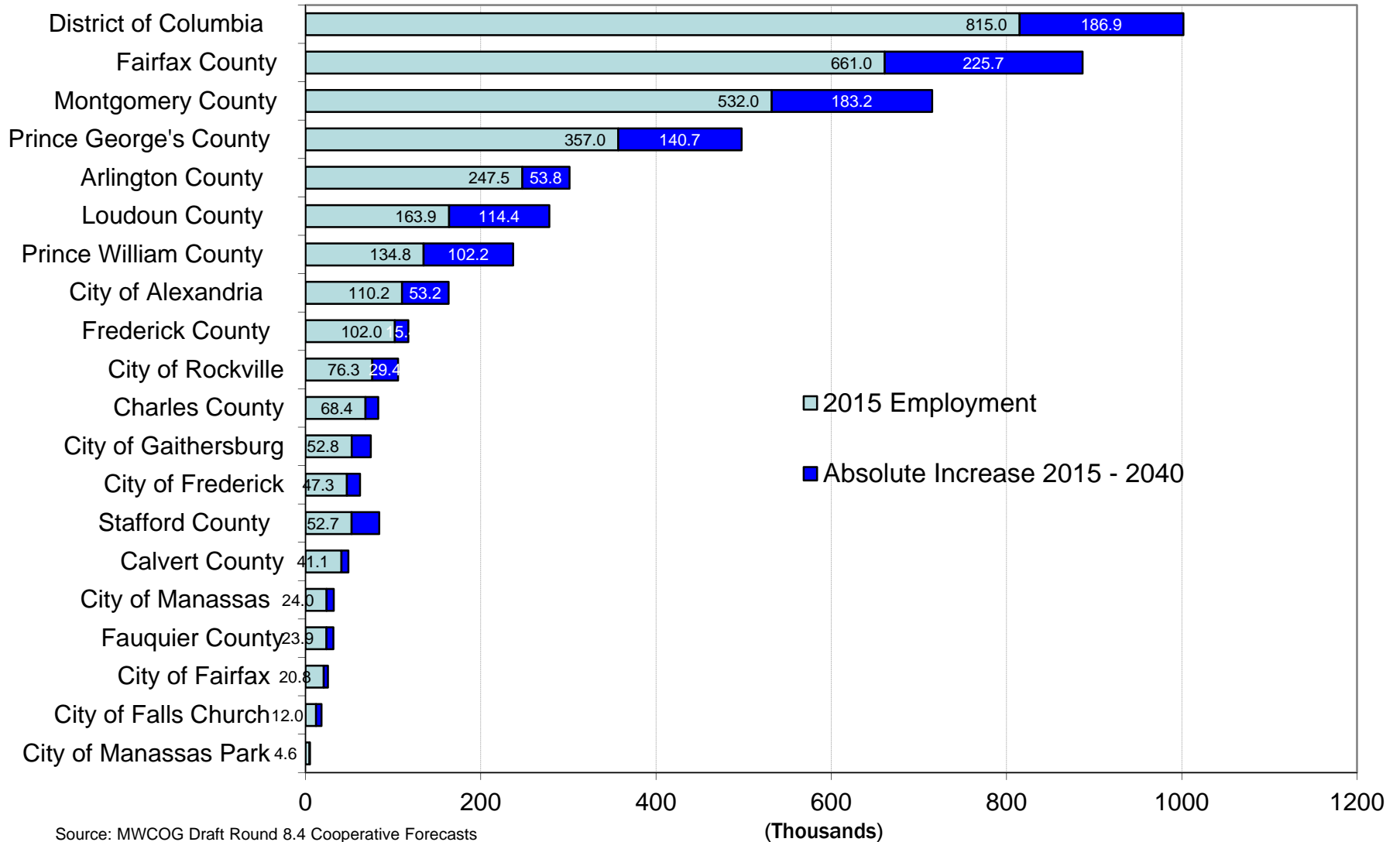
# Forecast Population Growth (2010-2040)



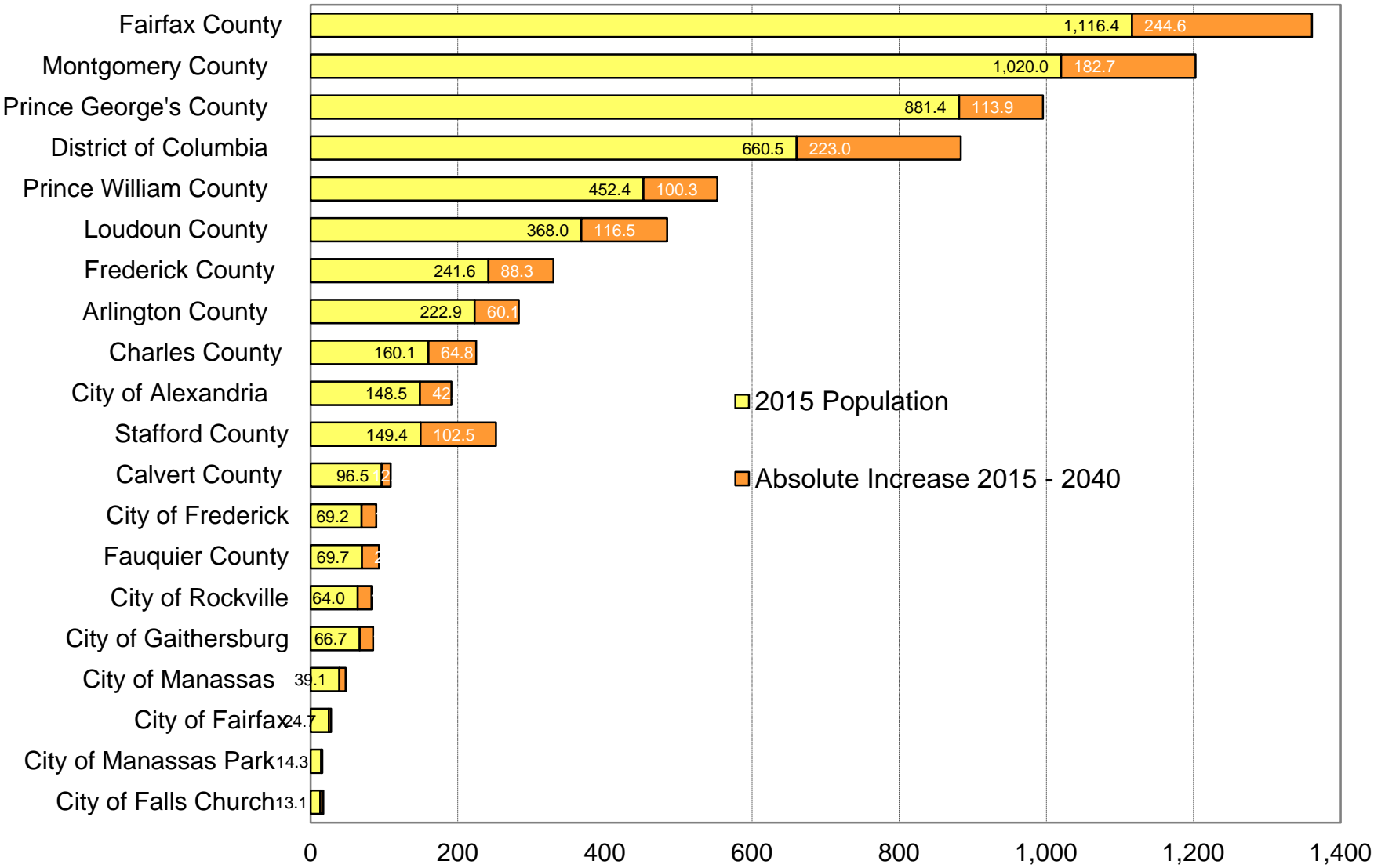
# Forecast Household Growth (2010-2040)



# Employment 2015 - 2040



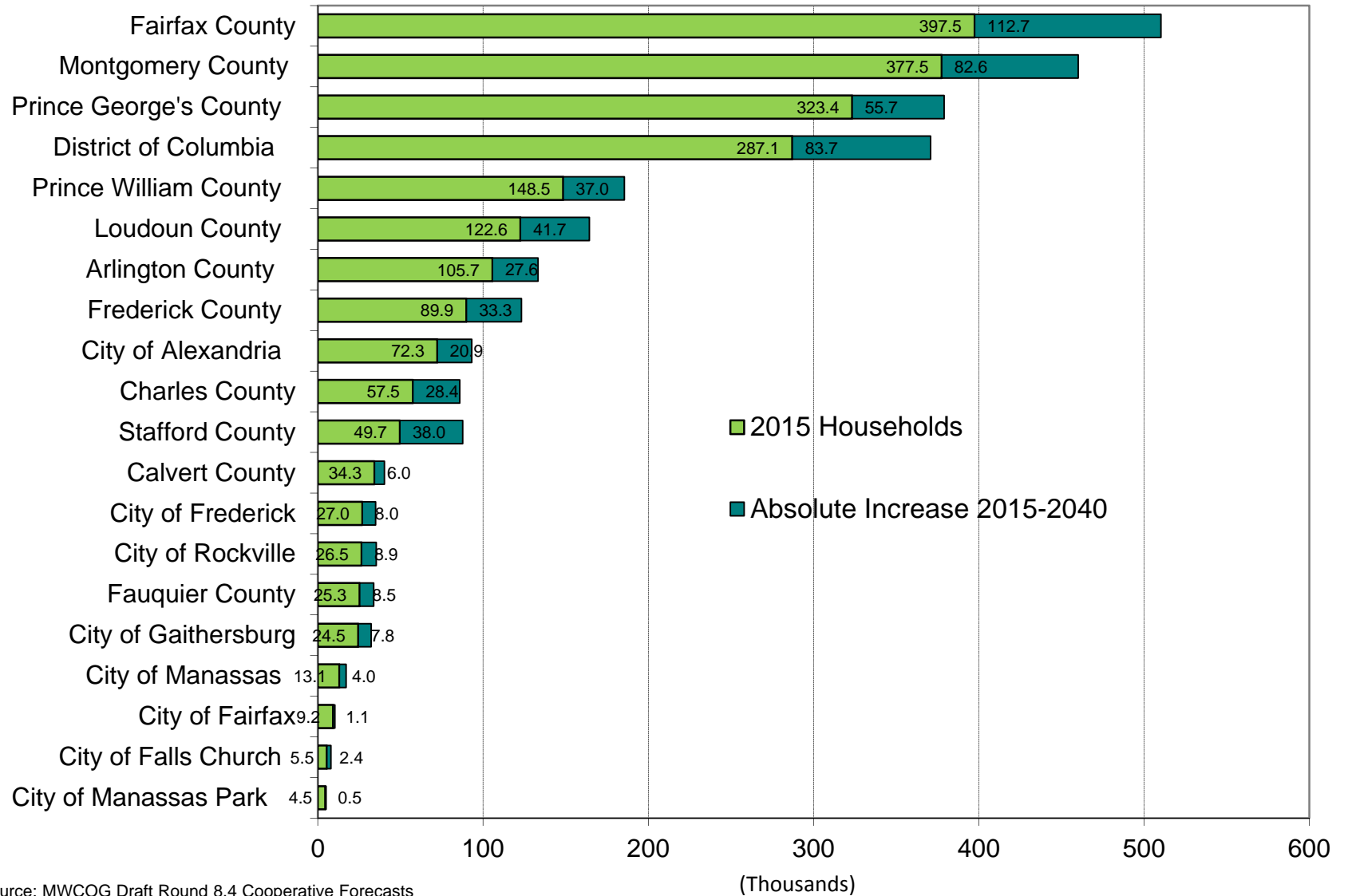
# Population 2015 - 2040



Source: MWCOG Draft Round 8.4 Cooperative Forecasts

(Thousands)

# Households 2015 - 2040



Source: MWCOG Draft Round 8.4 Cooperative Forecasts



## Round 8.4: Next Steps

- **Local jurisdictions submit Round 8.4 forecasts by Traffic Analysis Zone (TAZ)**
- **COG Board will approve “Draft Round 8.4” for use in the Air Quality Conformity Analysis of the 2015 Update to the Financially Constrained Long-Range Transportation Plan (CLRP) and the FY 2015-2020 Transportation Improvement Program (TIP) – February 2015**
- **Final approval and adoption by the COG Board - October 2015**

# Planning for Growth: Next Steps

- **Cooperative Forecasts**

- Round 8.4: *Alexandria, Arlington, Prince William, Fairfax County (population and households only)*
- Round 9.0: *new regional economic model forecast;*
  - *housing and population trends;*
  - *employment density / space absorption*

- ***Region Forward Coalition***

- Economic competitiveness
- Housing affordability
- Progress report / “State of the Region”

**Questions . . .**