

Round 8.3 Cooperative Forecasts of Future Growth

TPB Travel Forecasting Subcommittee
May 23, 2014

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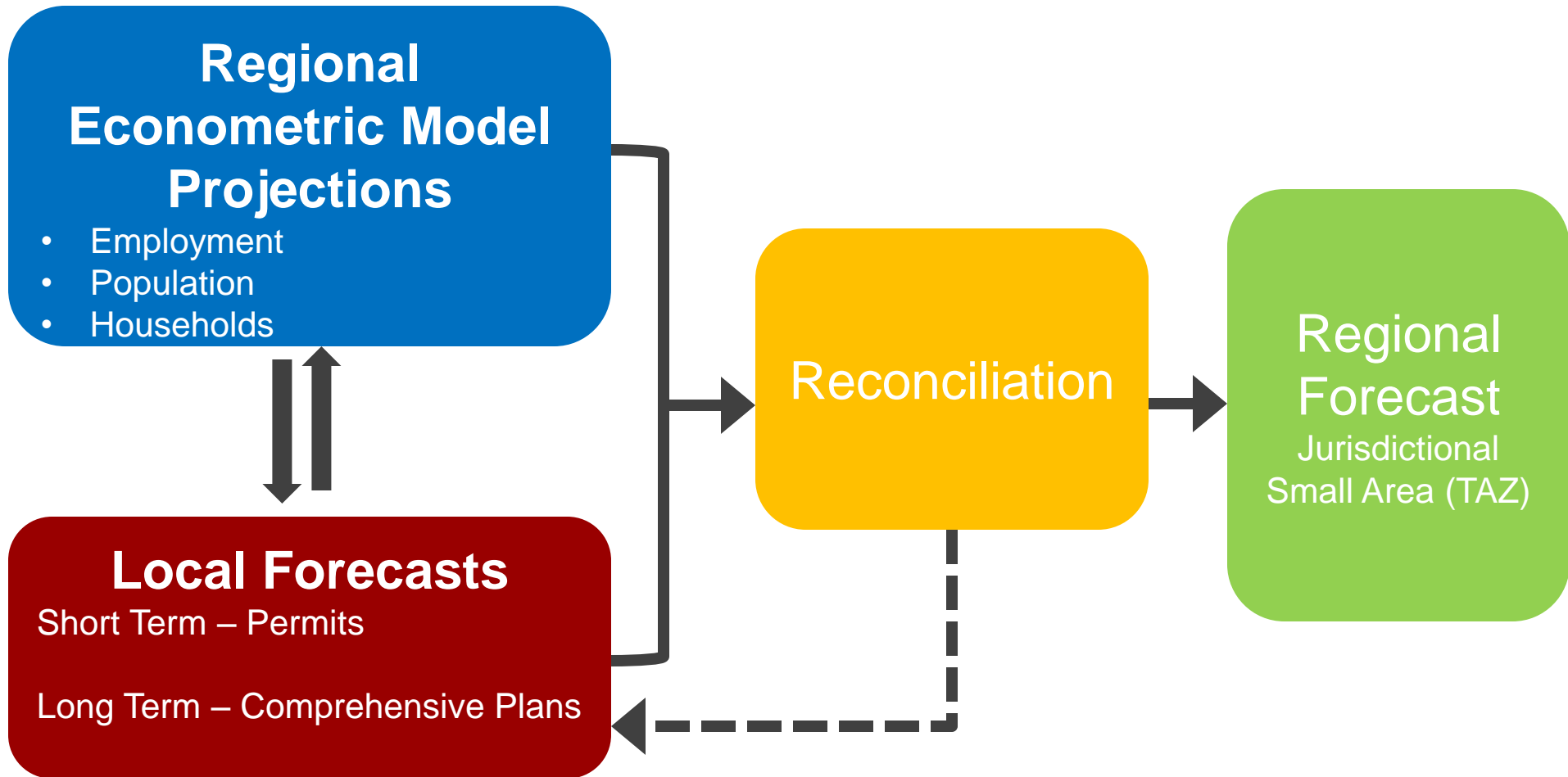
Use of Round 8.3 Cooperative Forecasts

**2014 Air Quality
Conformity
Analysis**

**Transportation
Planning Board
Analysis**

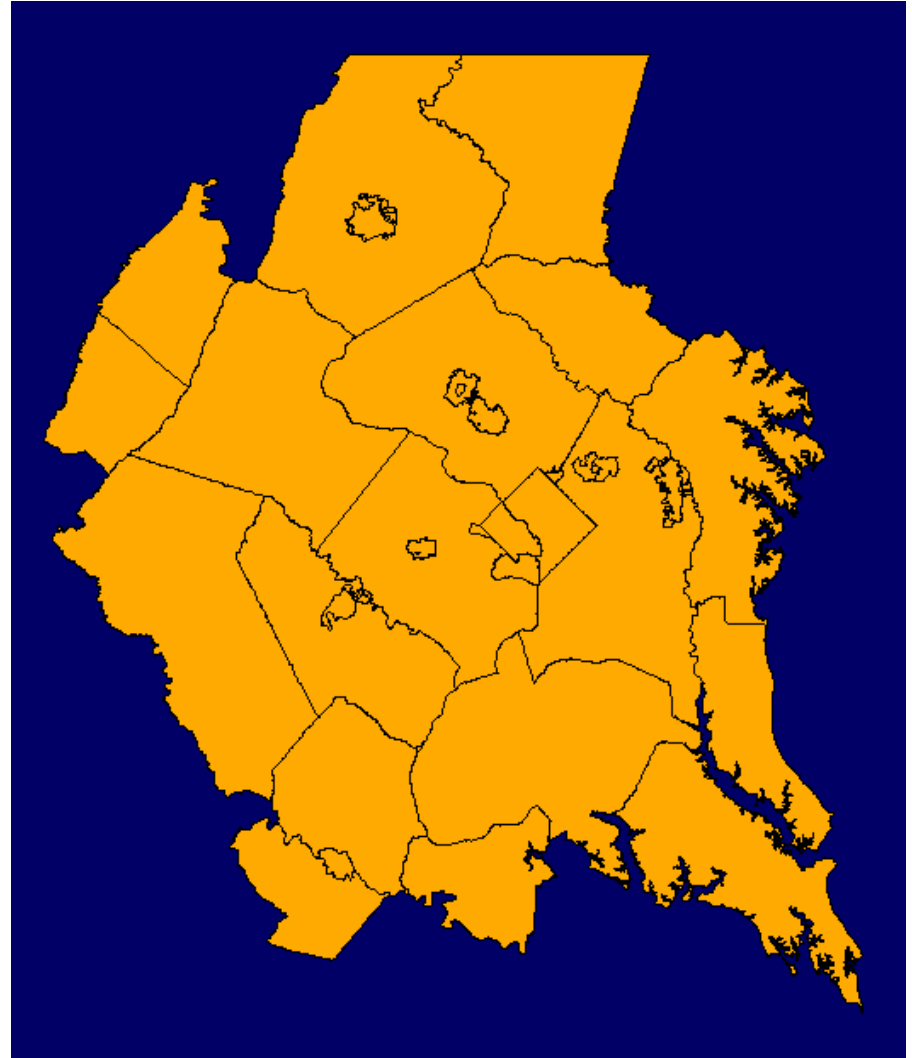
**Activity Center
Analysis**

Cooperative Forecasting Process



Growth Forecasts for All Jurisdictions in the TPB Modeled Area are included in Round 8.3

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



Major Updates from Round 8.2:

- The District of Columbia, Loudoun County and Frederick County updated household, population, & employment forecasts
- Fairfax County updated its employment forecast
- Prince William County updated population forecasts
- The city of Frederick has Cooperative Forecast totals for the first time

Major Updates from Round 8.2, Cont'd.:

- **Montgomery and Prince George's counties adjusted their TAZ forecast allocations**
- **New forecast data for Anne Arundel, Carroll, and Howard Counties from the Baltimore Metropolitan Council**

Summary of Round 8.3 Cooperative Forecasts

Round 8.3 Forecast Summary TPB Modeled Area

(Thousands)

			2010 to 2040	
	<u>2010</u>	<u>2040</u>	<u>Number</u>	<u>Percent</u>
Employment	3,920.2	5,572.7	1,652.5	42.2%
Population	6,640.6	8,777.5	2,137.0	32.2%
Households	2,464.7	3,372.8	908.0	36.8%

Change from Round 8.2 Forecasts

Round 8.3 vs Round 8.2 TPB Modeled Area

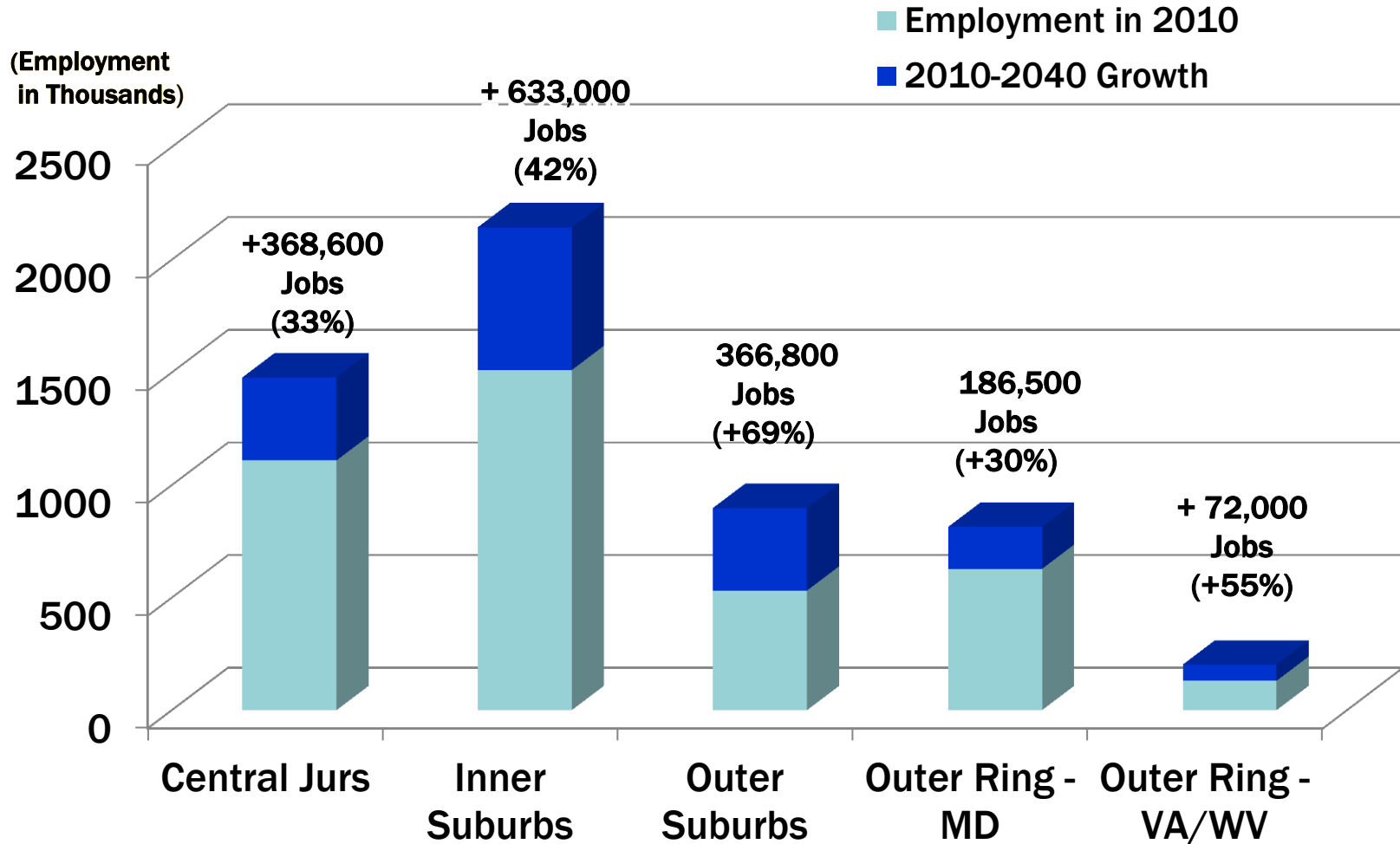
(Thousands)

	Round 8.2 2040	Round 8.3 2040	Number	Percent
Employment	5,502.1	5,572.7	70.6	1.3%
Population	8,653.5	8,777.5	124.0	1.4%
Households	3,337.6	3,372.8	35.0	1.0%

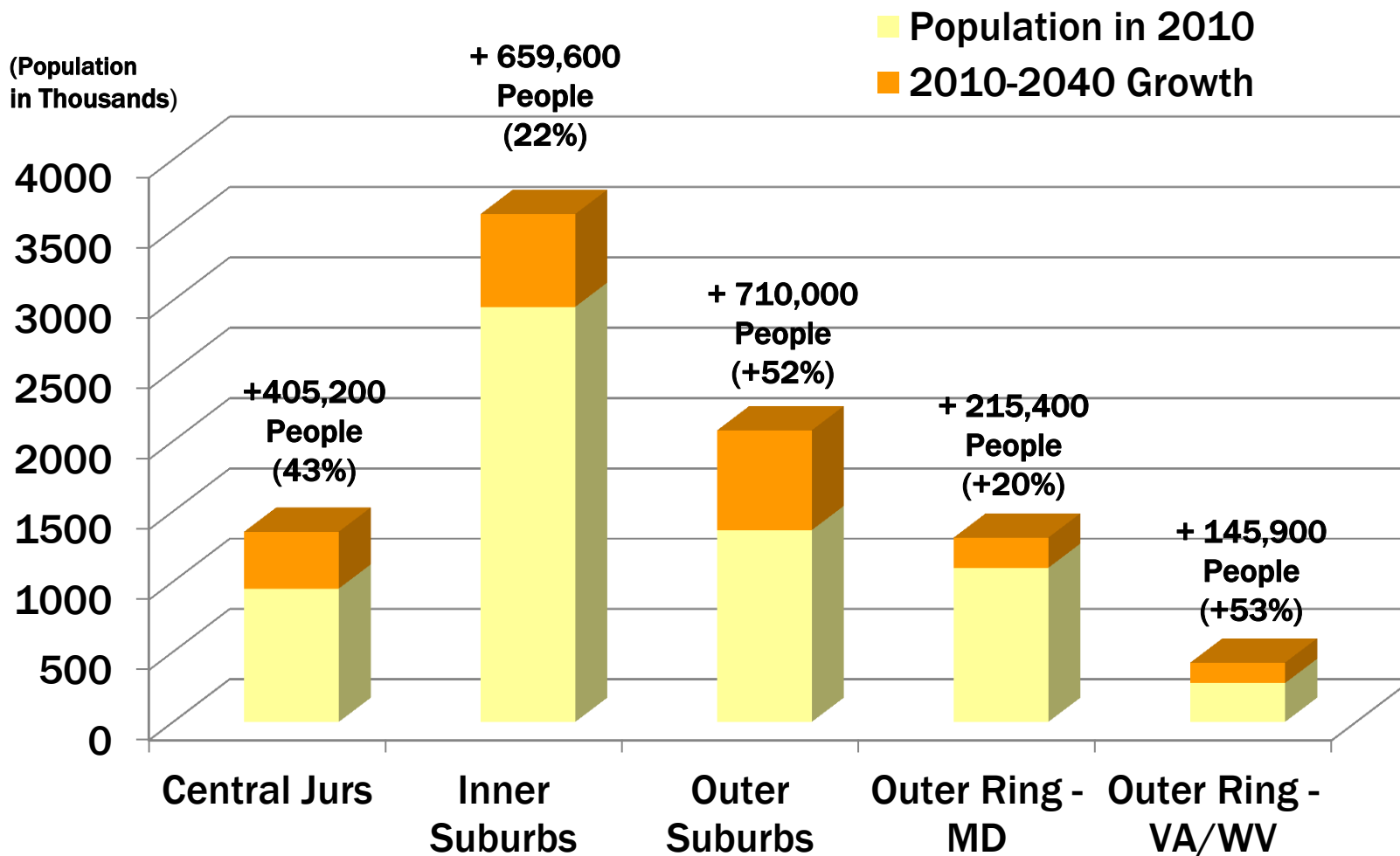
Forecasts for Jurisdictions in TPB Modeled Area Have Been Grouped Geographically for Analysis Purposes

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

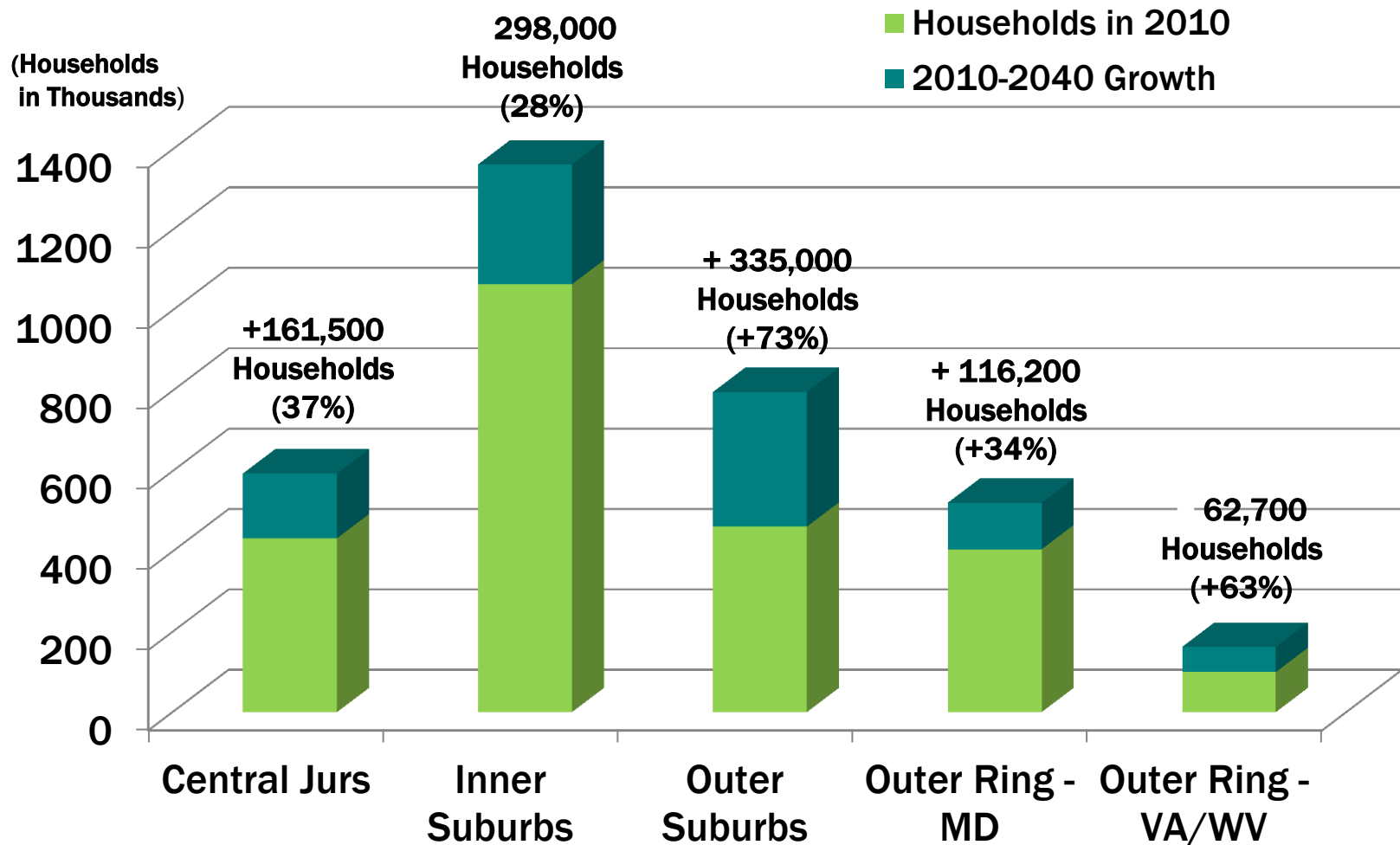
Forecast Employment Growth (2010-2040)



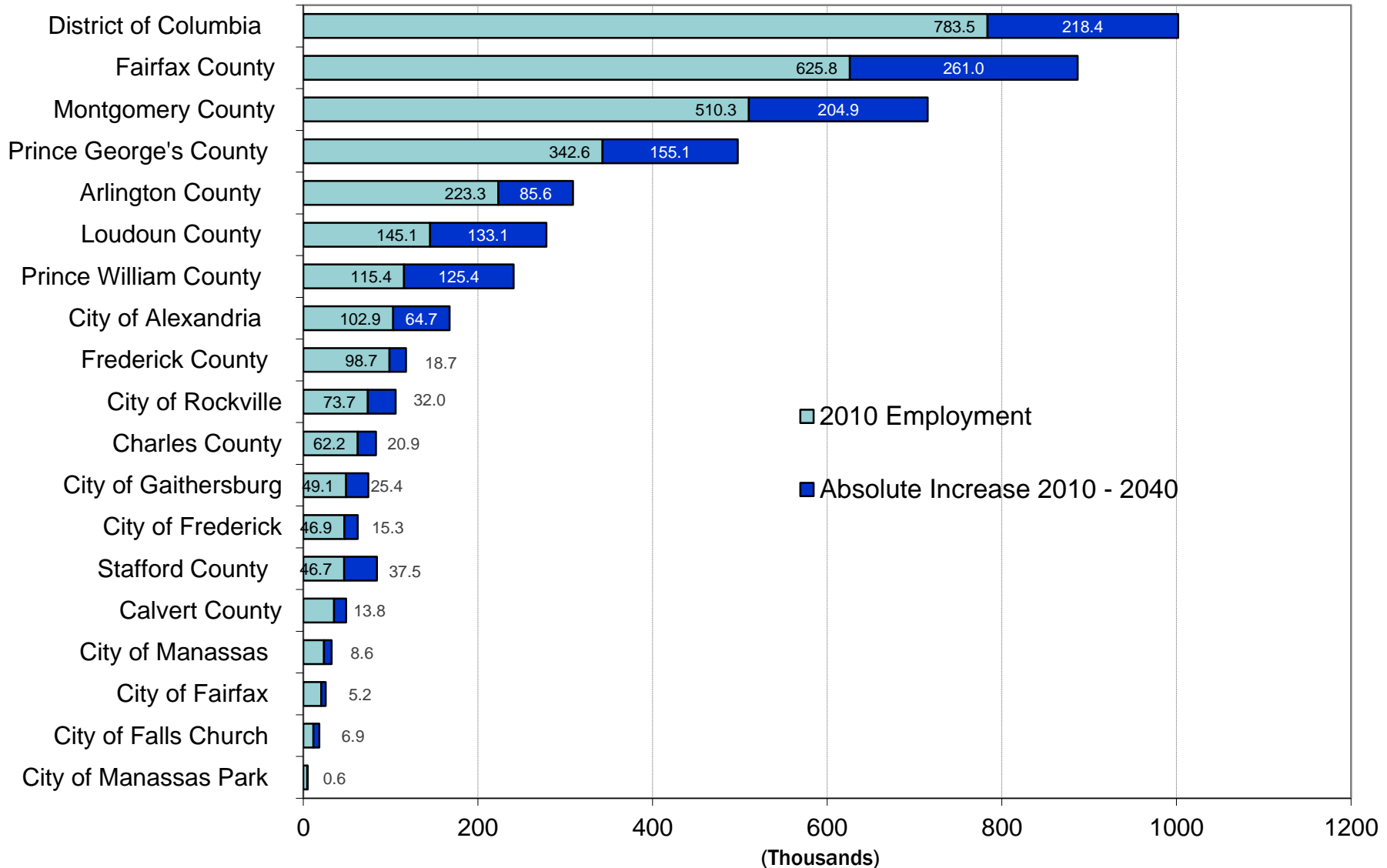
Forecast Population Growth (2010-2040)



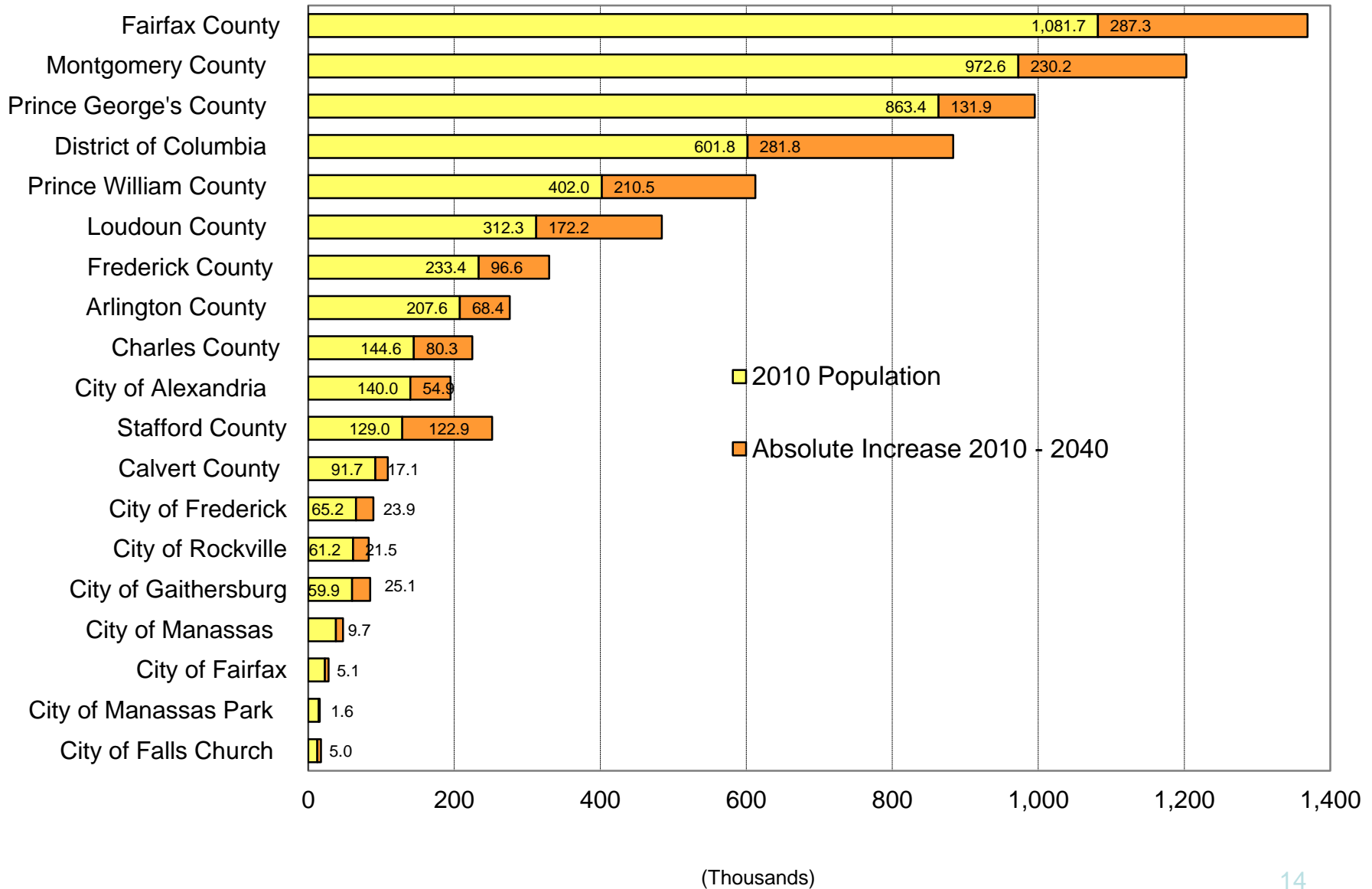
Forecast Household Growth (2010-2040)



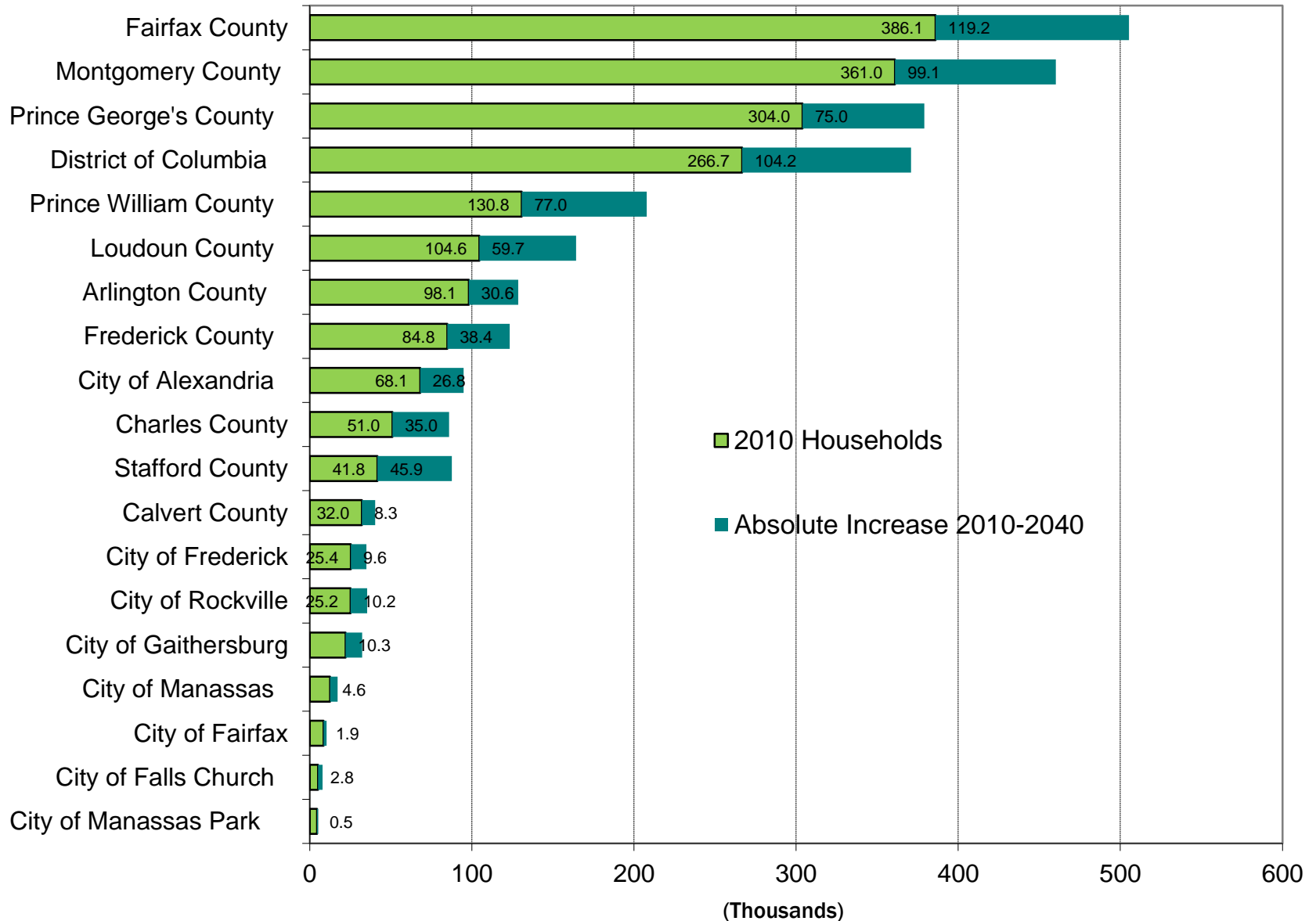
Employment 2010 - 2040



Population 2010 - 2040

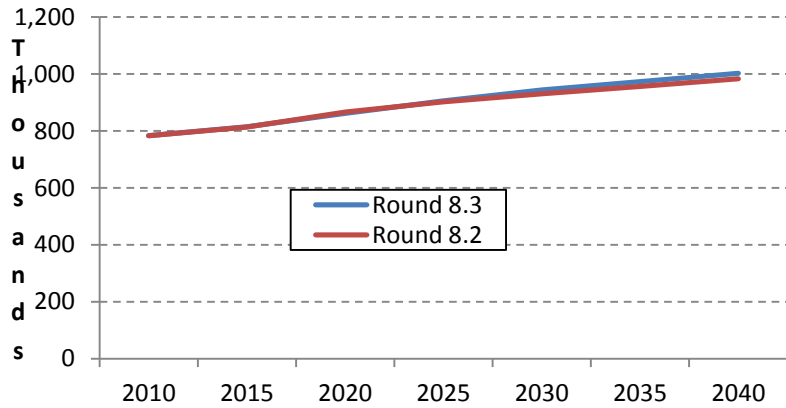


Households 2010 - 2040

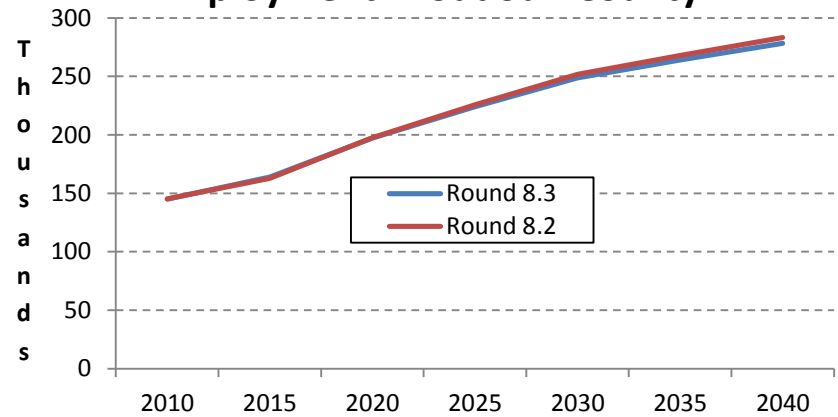


Comparison of New Employment Forecasts: COG/TPB Jurisdictions

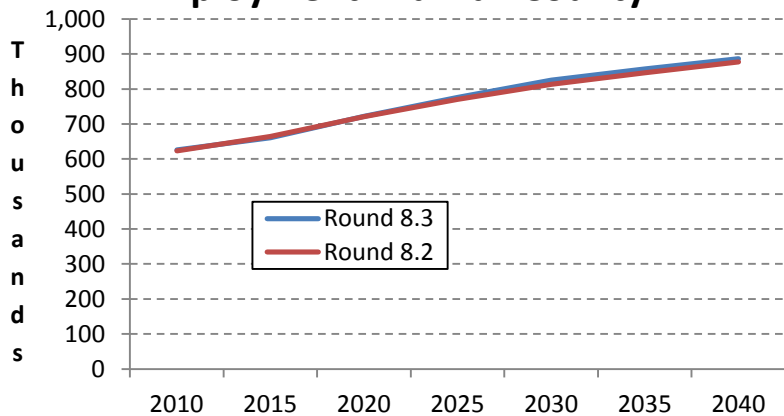
Employment - District of Columbia



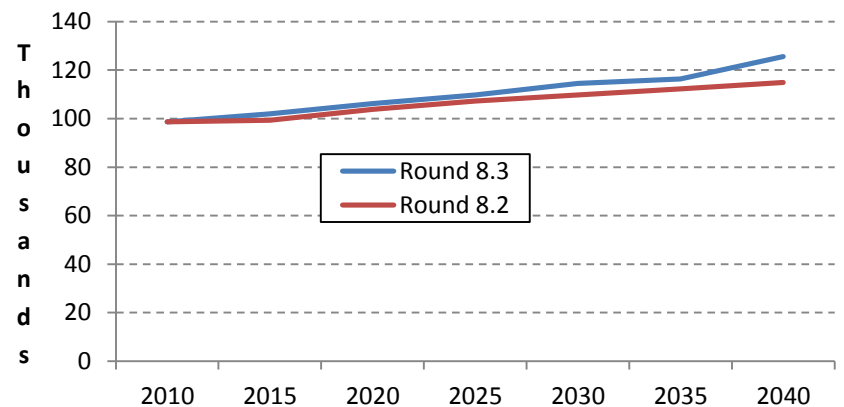
Employment - Loudoun County



Employment - Fairfax County

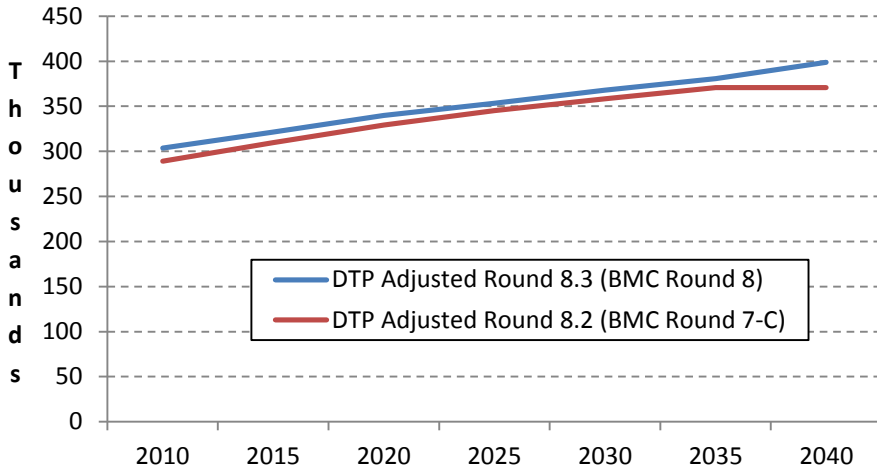


Employment - Frederick County

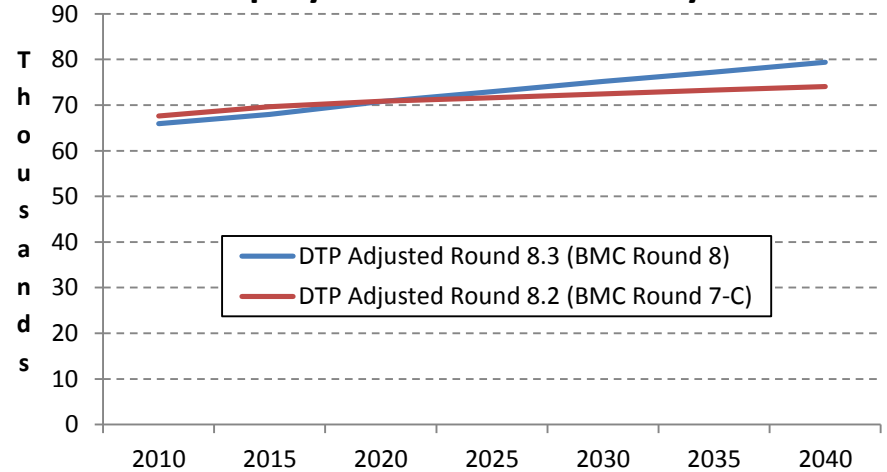


Comparison of Employment Forecasts: Baltimore Jurisdictions (DTP Adjusted)

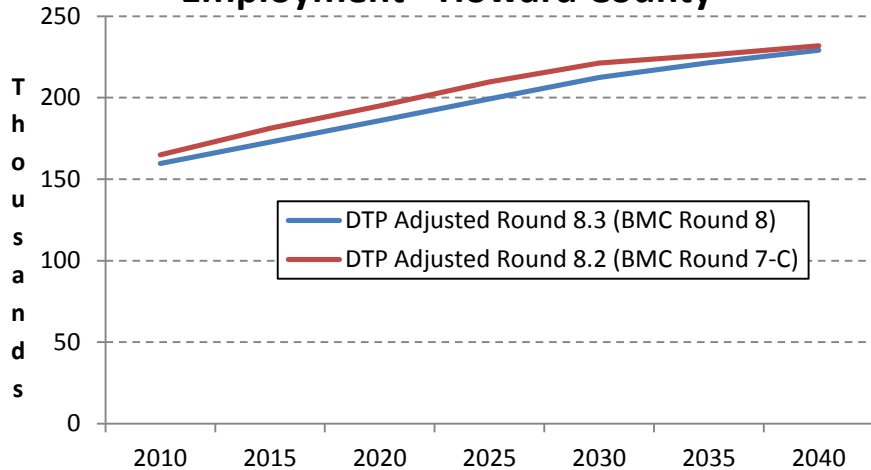
Employment - Anne Arundel County



Employment - Carroll County

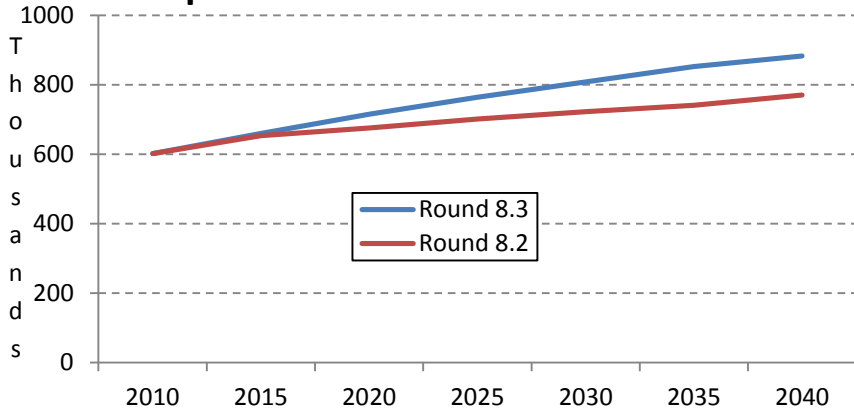


Employment - Howard County

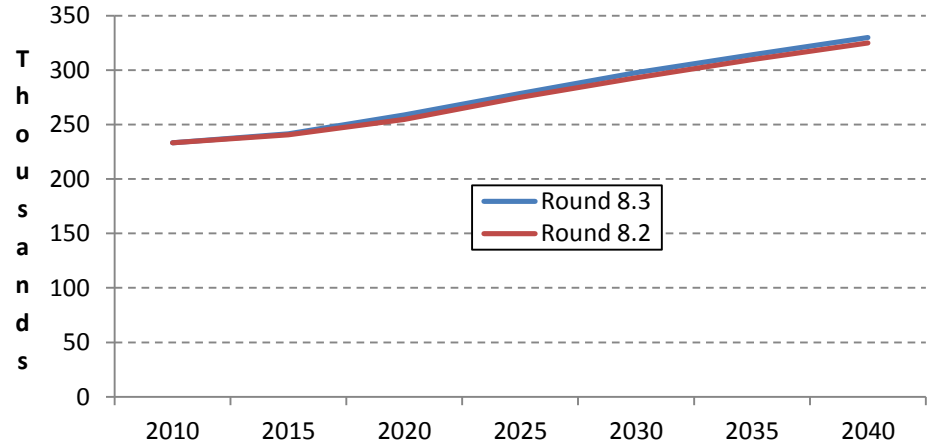


Comparison of Population Forecasts: COG/TPB Jurisdictions

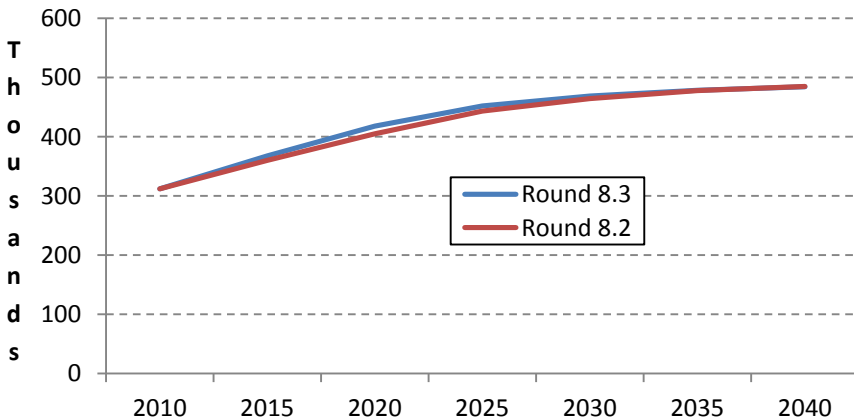
Population - District of Columbia



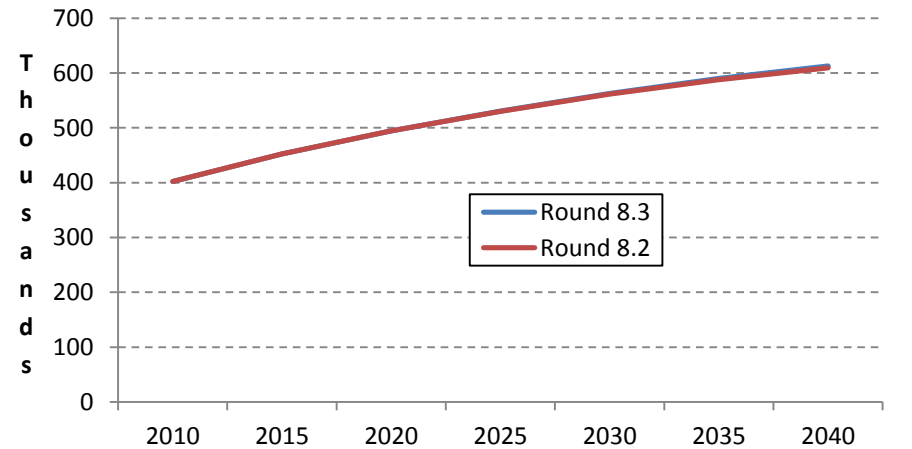
Population - Frederick County



Population - Loudoun County

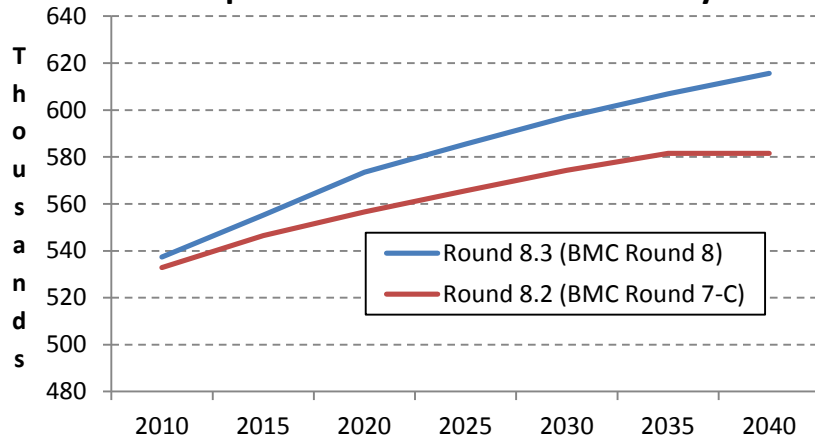


Population - Prince William County

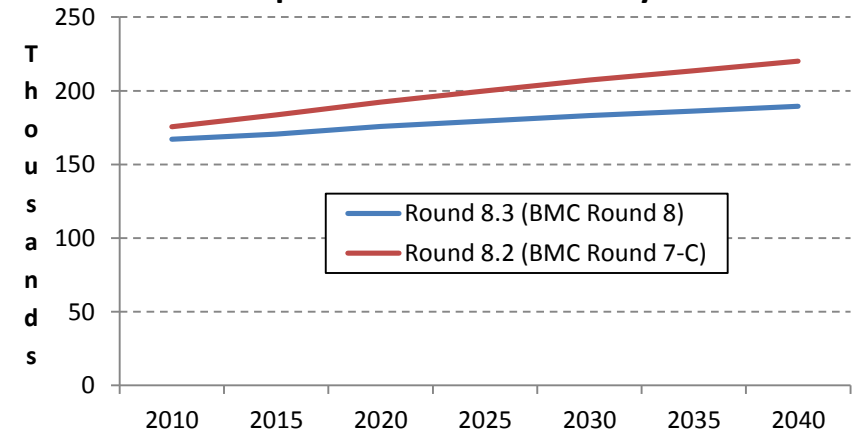


Comparison of Population Forecasts: Baltimore Jurisdictions

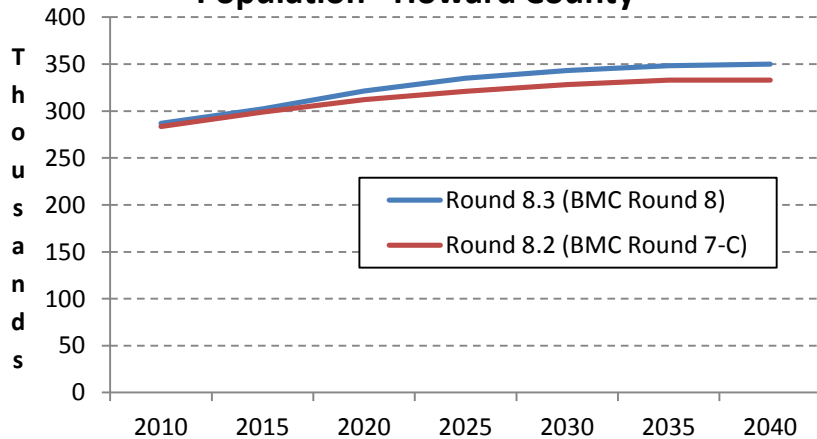
Population - Anne Arundel County



Population - Carroll County

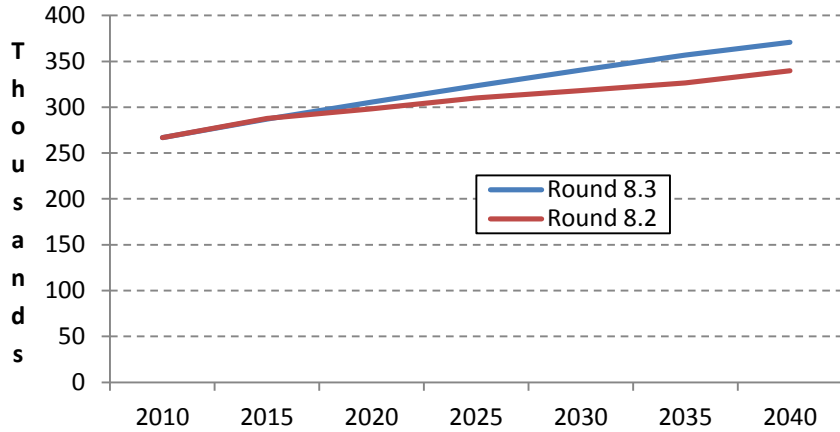


Population - Howard County

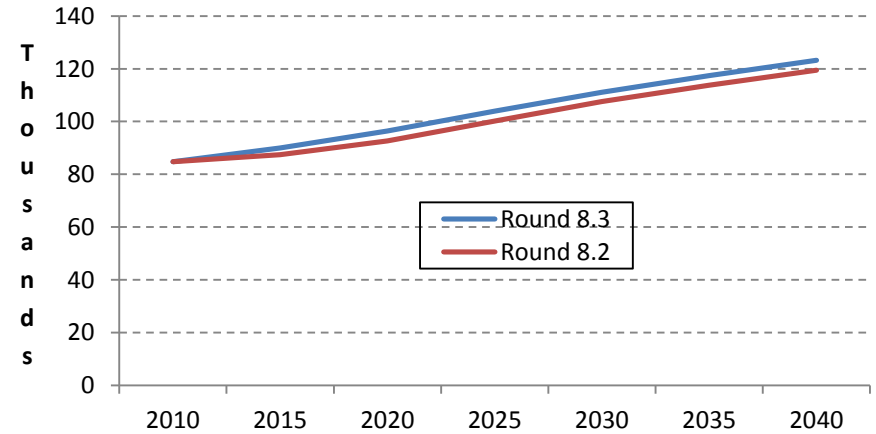


Comparison of Household Forecasts: COG/TPB Jurisdictions

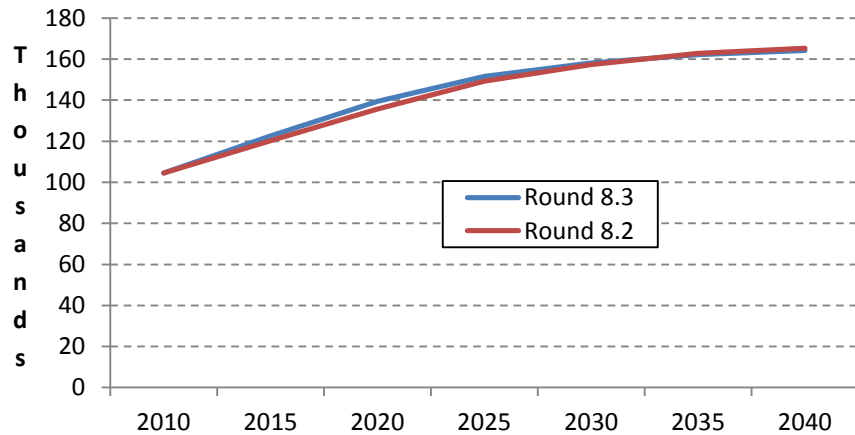
Households - District of Columbia



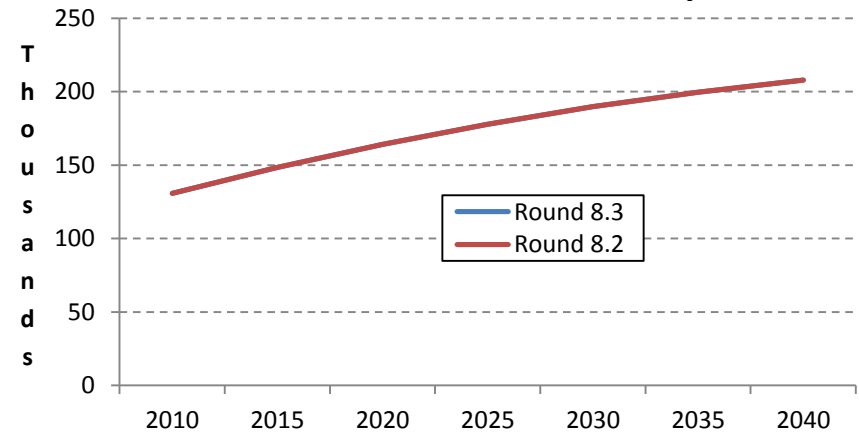
Households - Frederick County



Households - Loudoun County

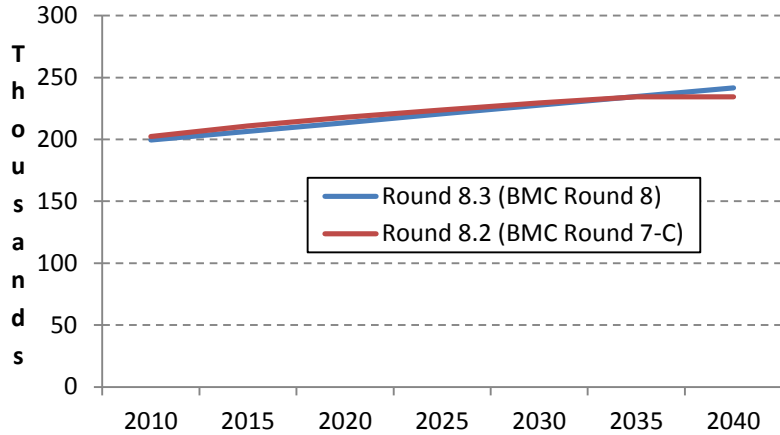


Households - Prince William County

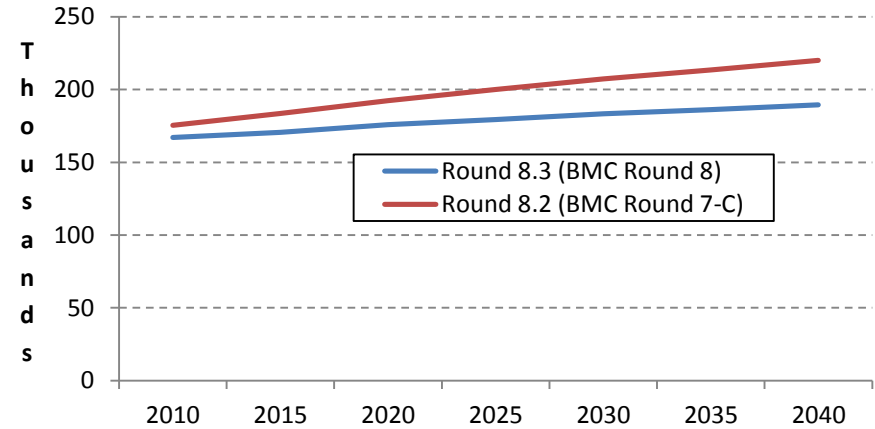


Comparison of Household Forecasts: Baltimore Jurisdictions

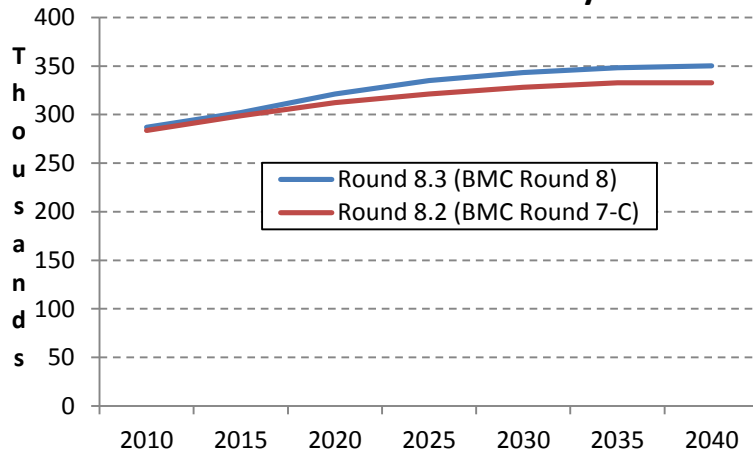
Households - Anne Arundel County



Households - Carroll County



Households - Howard County



Round 8.3 Forecast Growth Within Activity Centers

	EMPLOYMENT			
	2010	2040	2010 to 2040	
Outside Activity Centers	1,050,000	1,364,000	313,000	23.8%
Within Activity Centers	2,019,000	3,023,000	1,004,000	76.2%
TOTAL	3,070,000	4,387,000	1,317,000	100.0%

	HOUSEHOLDS			
	2010	2040	2010 to 2040	
Outside Activity Centers	1,307,000	1,576,000	269,000	39.9%
Within Activity Centers	578,000	984,000	406,000	60.1%
TOTAL	1,886,000	2,560,000	675,000	100.0%

	POPULATION			
	2010	2040	2010 to 2040	
Outside Activity Centers	3,669,000	4,404,000	735,000	44.9%
Within Activity Centers	1,377,000	2,278,000	901,000	55.1%
TOTAL	5,047,000	6,682,000	1,636,000	100.0%

Change in 2040 Activity Center Forecasts Round 8.3 Compared to Round 8.0

WITHIN ACTIVITY CENTERS

	Round 8.0 2040	Round 8.3 2040	Change: Round 8.3 Minus Round 8.0	
			Number	Percent
Employment	3,003,000	3,023,000	20,000	0.7%
Population	2,079,000	2,278,000	199,000	9.6%
Households	915,000	984,000	69,000	7.5%

OUTSIDE ACTIVITY CENTERS

	Round 8.0 2040	Round 8.3 2040	Change: Round 8.3 Minus Round 8.0	
			Number	Percent
Employment	1,355,000	1,364,000	9,000	0.7%
Population	4,307,000	4,404,000	97,000	2.3%
Households	1,587,000	1,576,000	(11,000)	-0.7%

Questions . . .