

Round 8.4 Cooperative Forecasts of Future Growth

TPB Travel Forecasting Subcommittee
May 22, 2015

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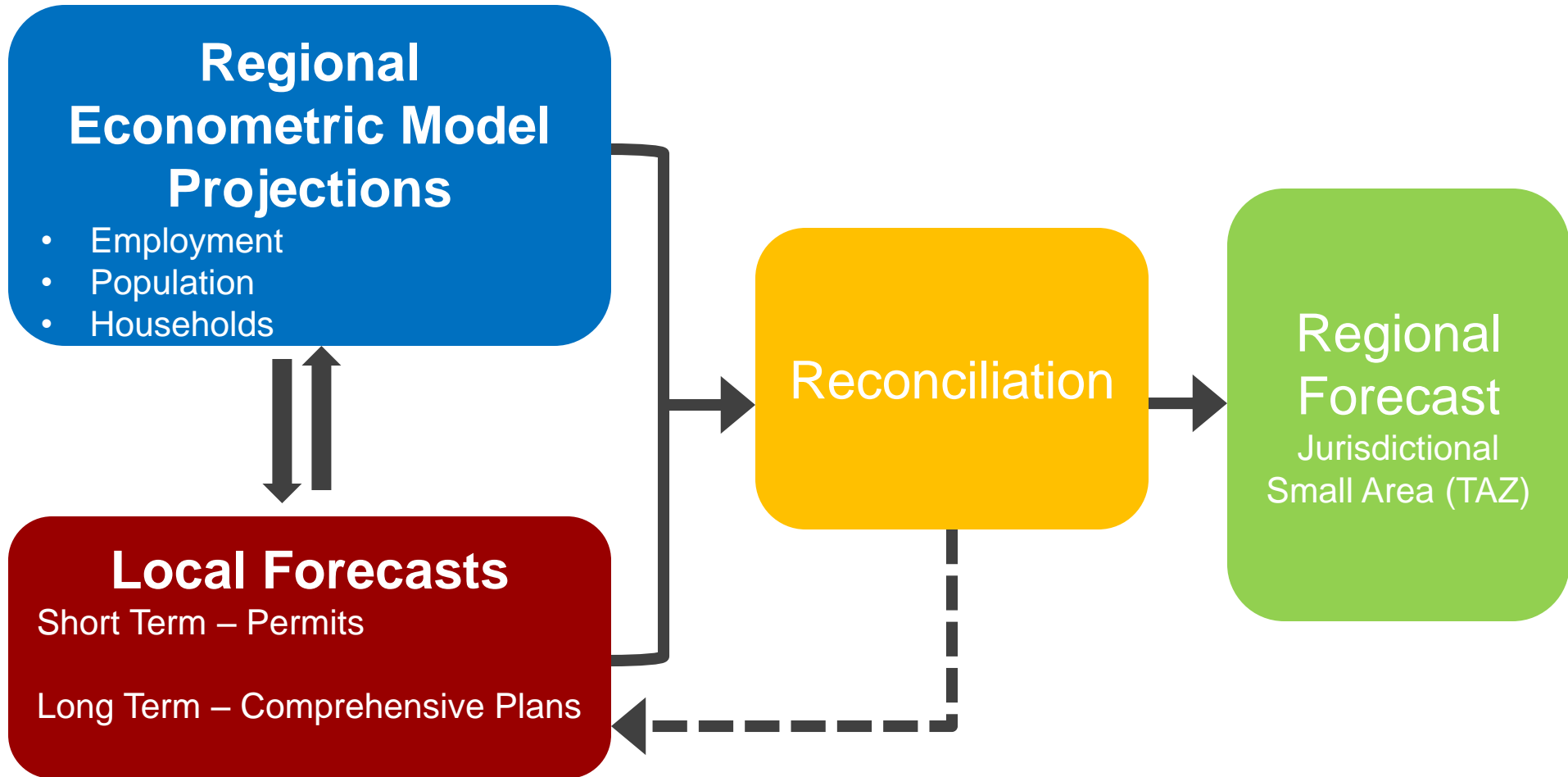
Use of Round 8.4 Cooperative Forecasts

**2015 Air Quality
Conformity
Analysis**

**Transportation
Planning Board
Analysis**

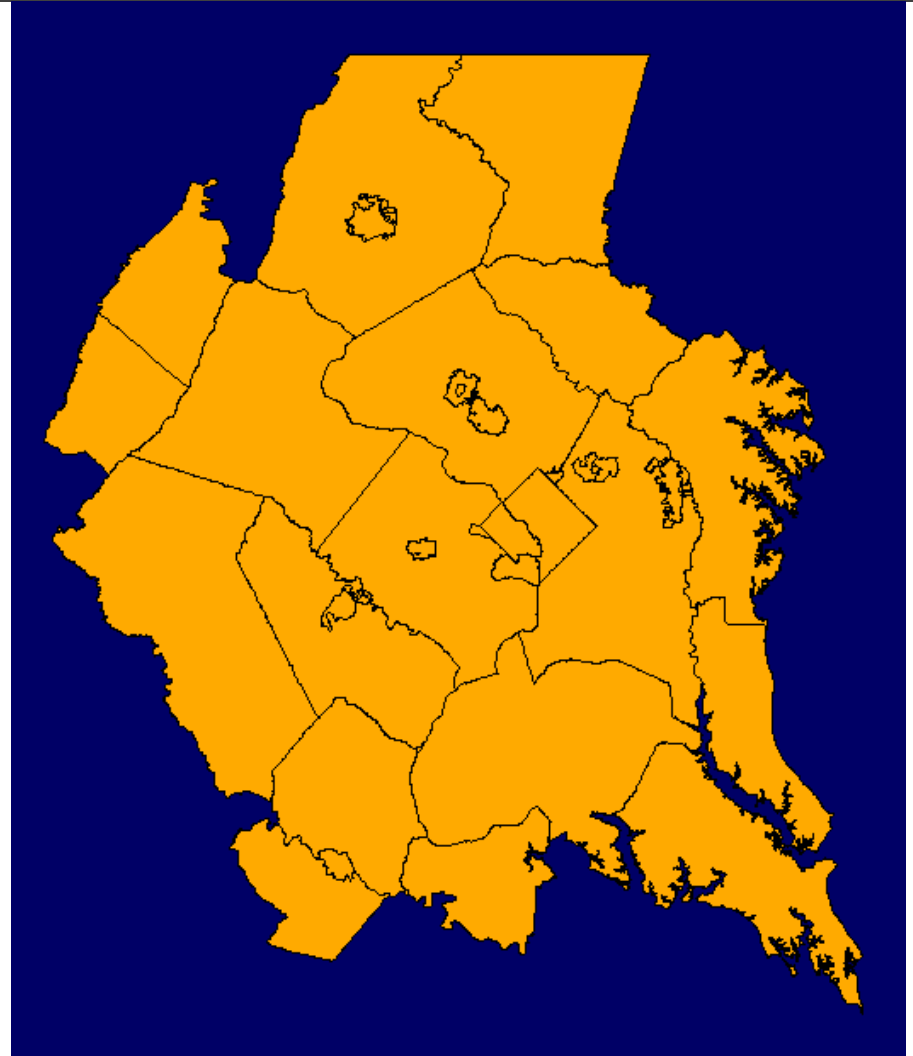
**Activity Center
Analysis**

Cooperative Forecasting Process



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

- **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



Updates from Round 8.3:

- Arlington County, Prince William County and the City of Alexandria updated household, population, & employment forecasts
- Fairfax County updated its population and households forecast
- New forecast data for Anne Arundel, Carroll, and Howard Counties from the Baltimore Metropolitan Council

Summary of Draft Round 8.4 Cooperative Forecasts

Draft Round 8.4 Forecast Summary TPB Modeled Area

(Thousands)

2010 to 2040

	<u>2010</u>	<u>2040</u>	<u>Number</u>	<u>Percent</u>
Employment	3,927.4	5,556.8	1,629.3	41.5%
Population	6,640.4	8,760.2	2,119.8	31.9%
Households	2,466.2	3,357.6	891.3	36.1%

Change from Round 8.3 Forecasts

Draft Round 8.4 vs Round 8.3 TPB Modeled Area

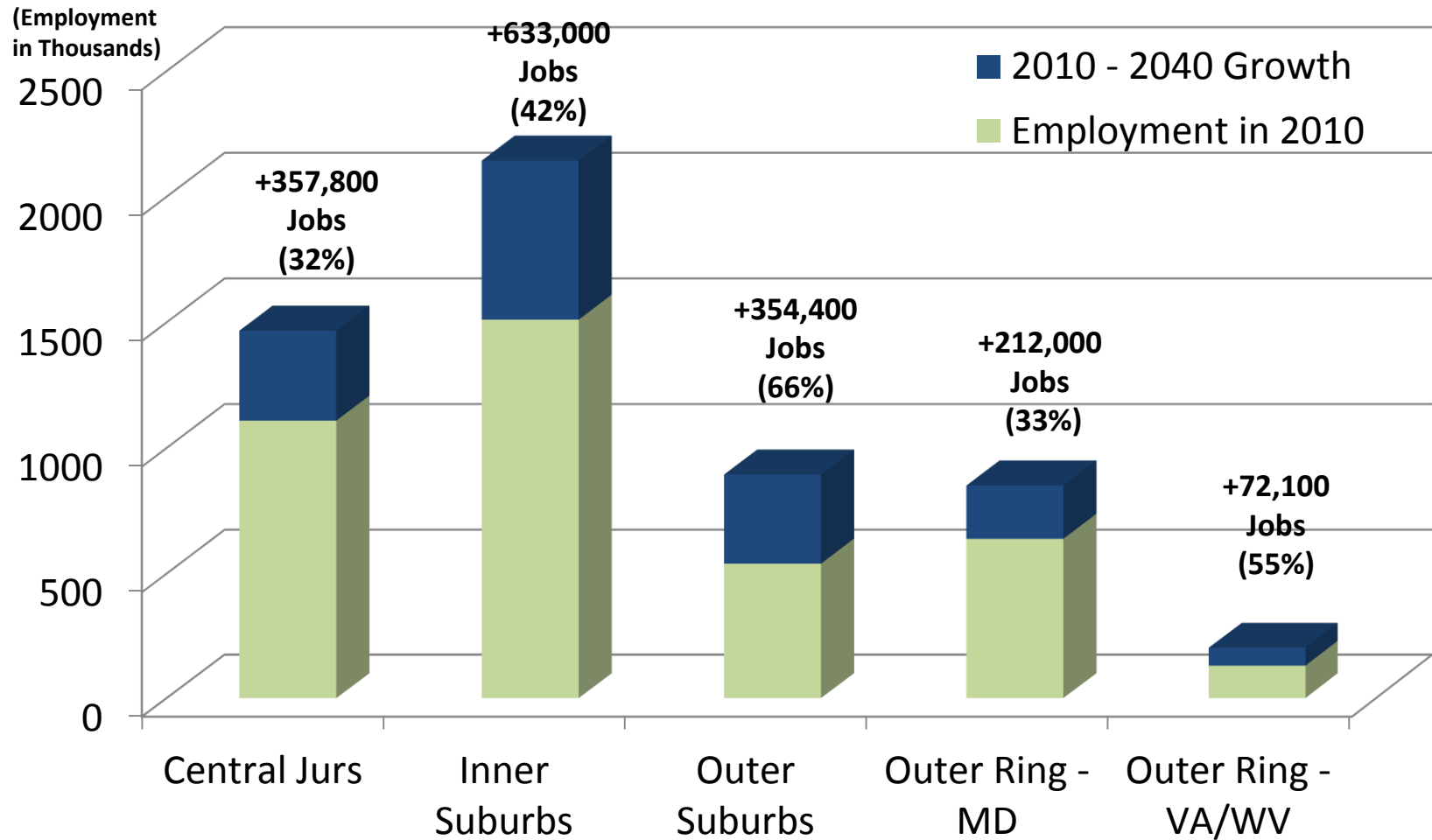
(Thousands)

	Round 8.3 2040	Round 8.4 2040	Number	Percent
Employment	5,572.7	5,556.8	-15.9	-0.3%
Population	8,794.6	8,760.2	-34.4	-0.4%
Households	3,372.6	3,357.6	-15.0	-0.4%

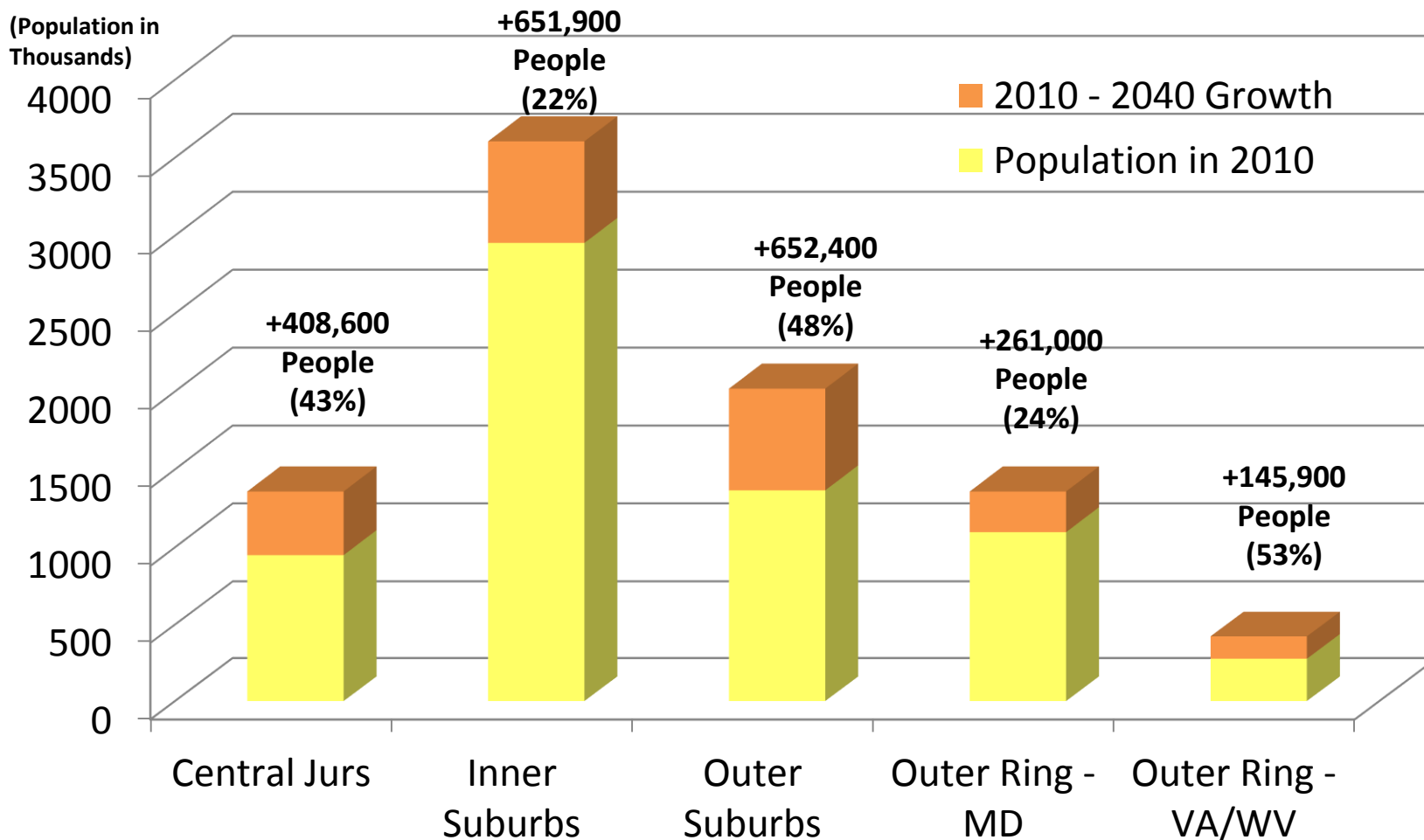
Forecasts for Jurisdictions in TPB Modeled Area Have Been Grouped Geographically for Analysis Purposes

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)

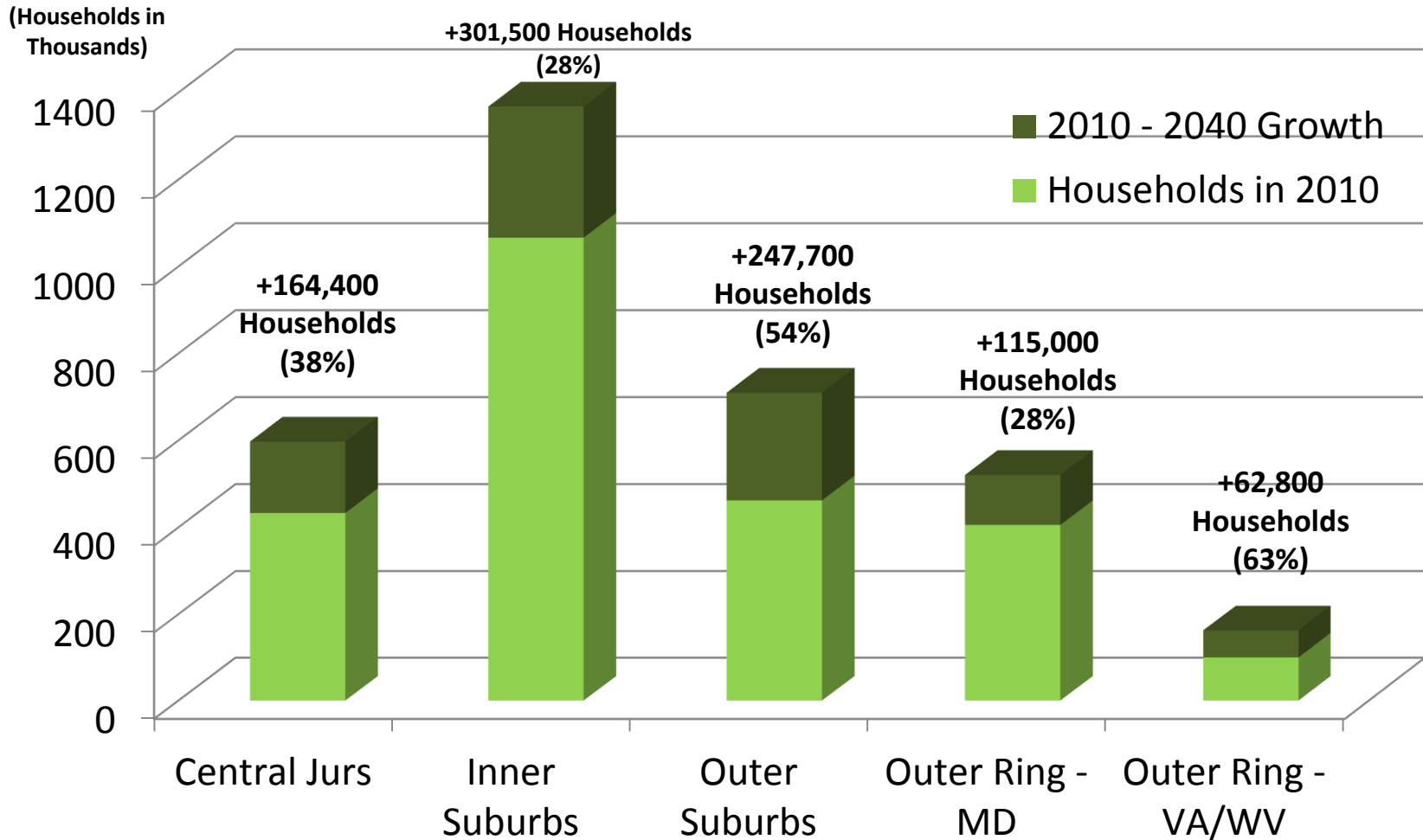
Forecast Employment Growth (2010-2040)



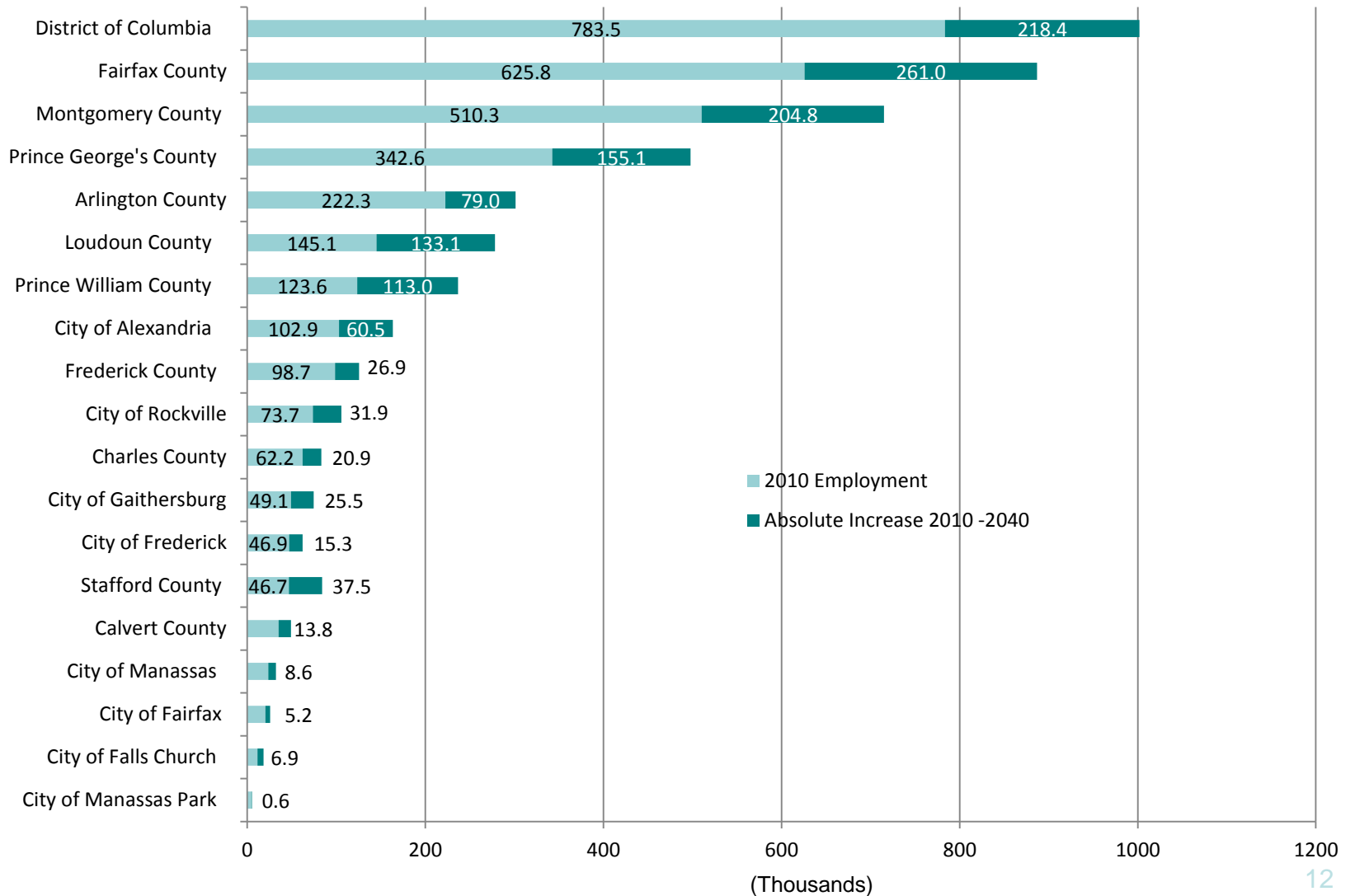
Forecast Population Growth (2010-2040)



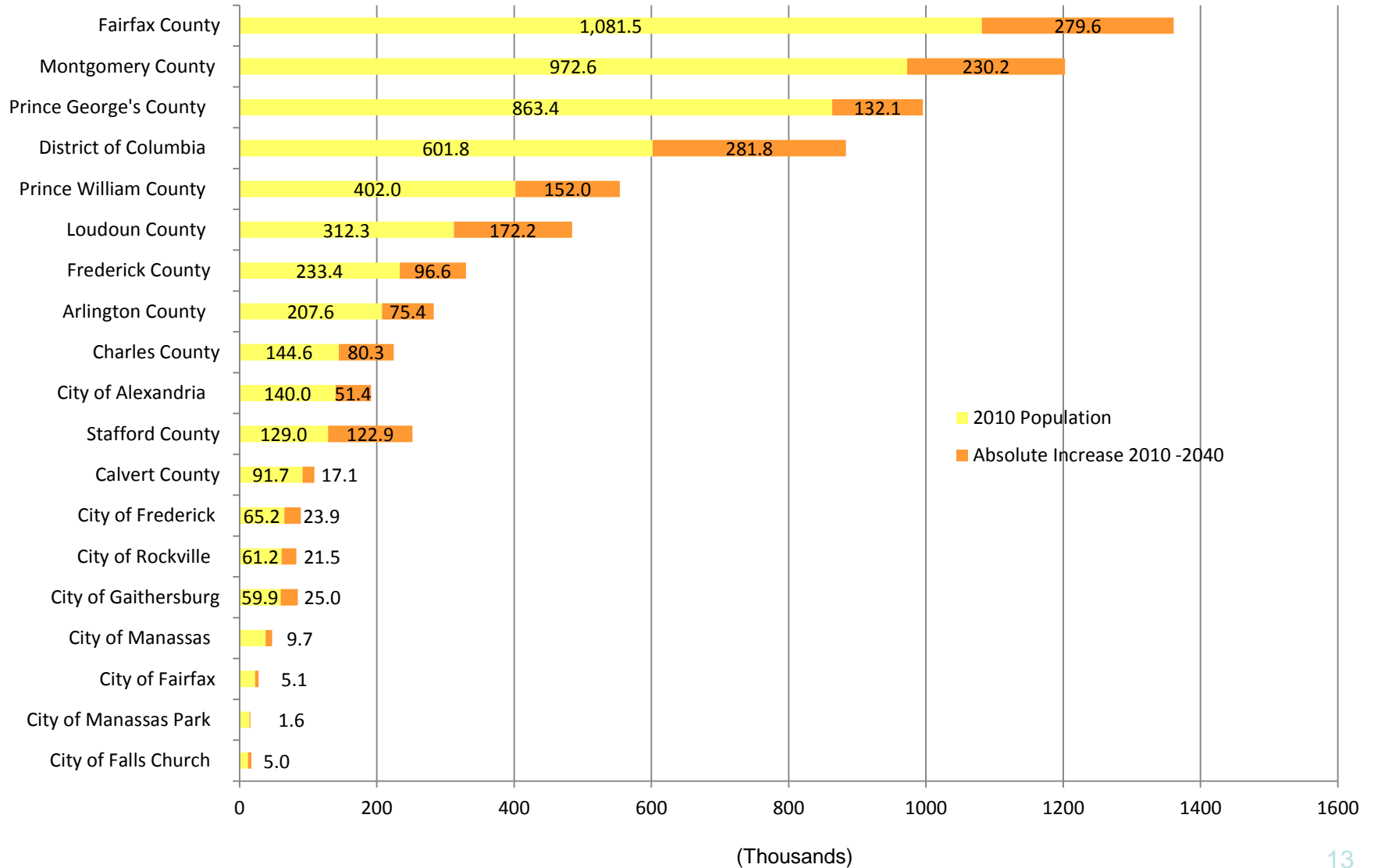
Forecast Household Growth (2010-2040)



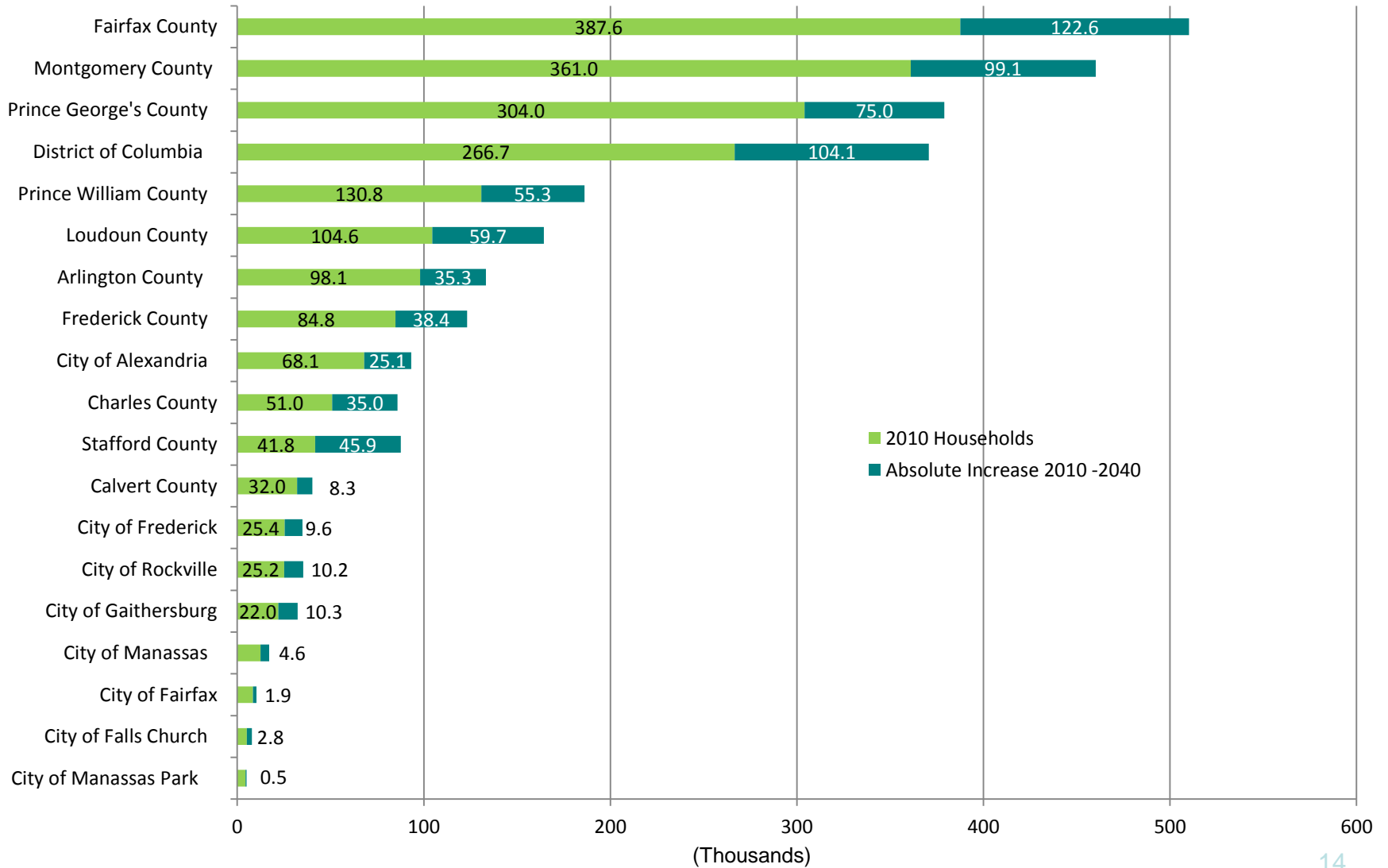
Employment 2010 - 2040



Population 2010 - 2040

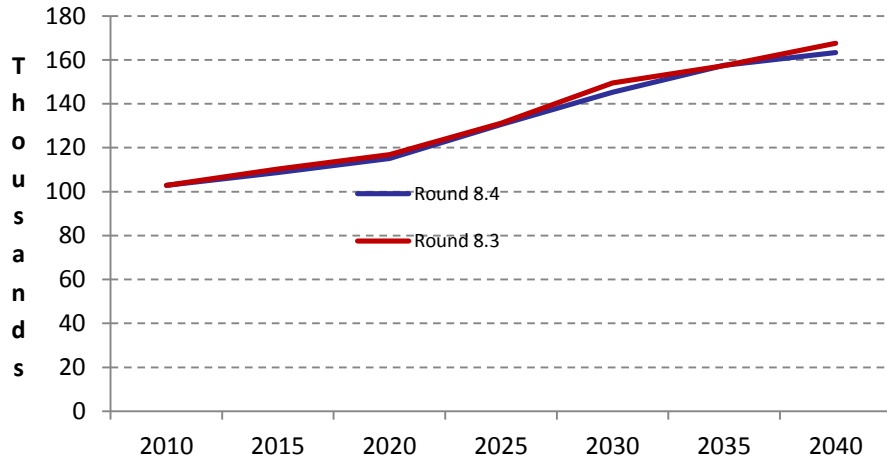


Households 2010 - 2040

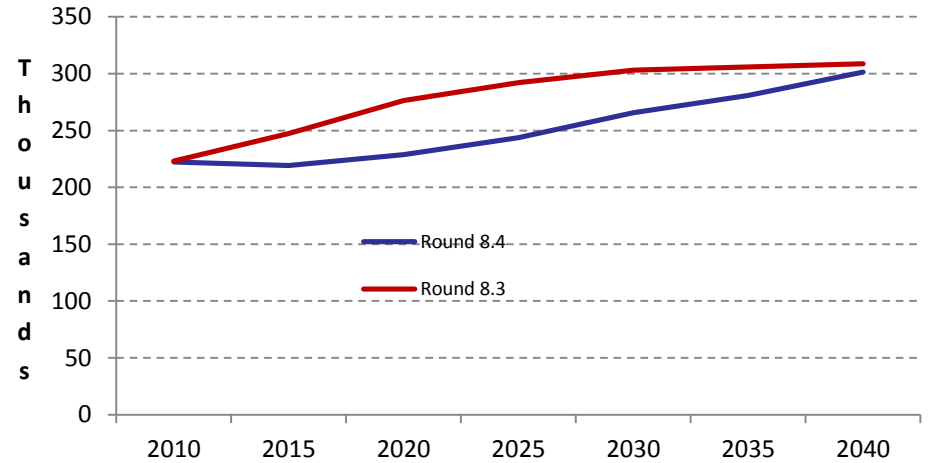


Comparison of New Employment Forecasts: COG/TPB Jurisdictions

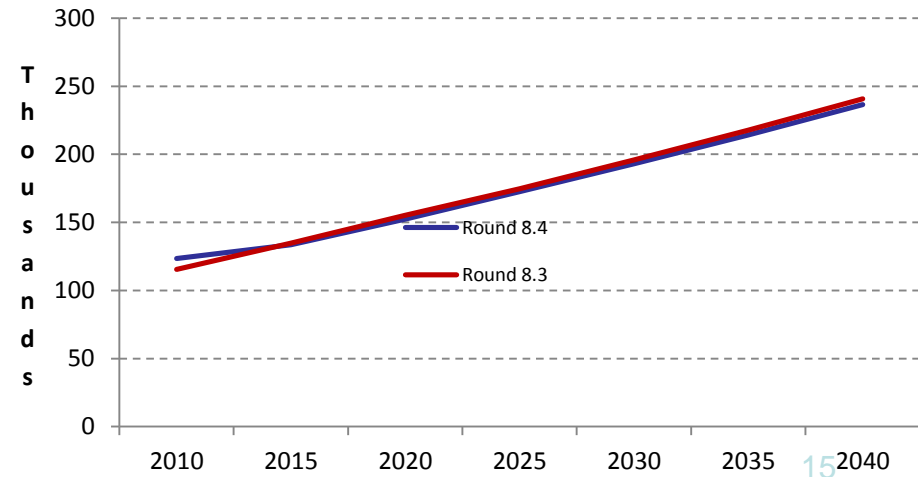
Employment - City of Alexandria



Employment - Arlington County

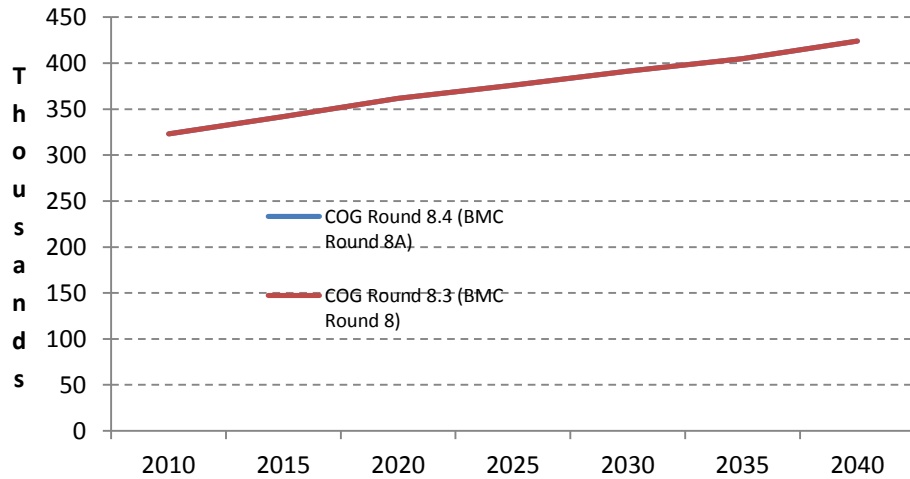


Employment - Prince William County

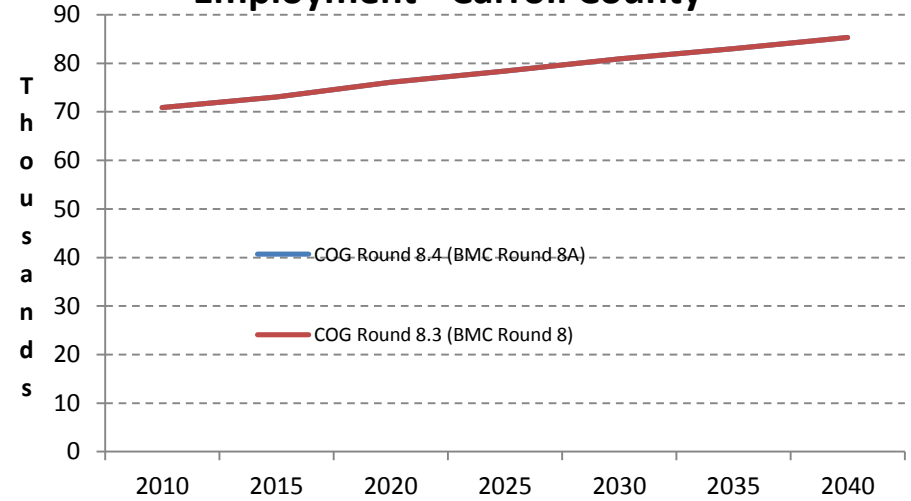


Comparison of Employment Forecasts: Baltimore Jurisdictions

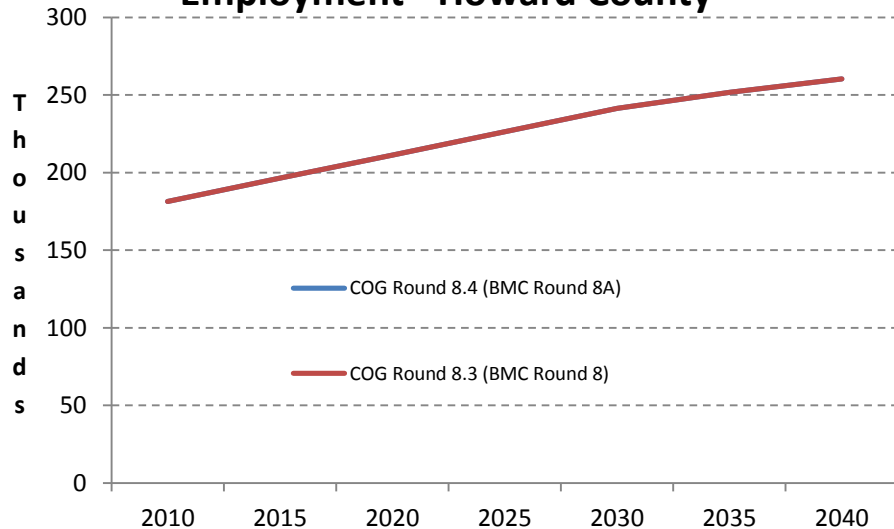
Employment - Anne Arundel County



Employment - Carroll County

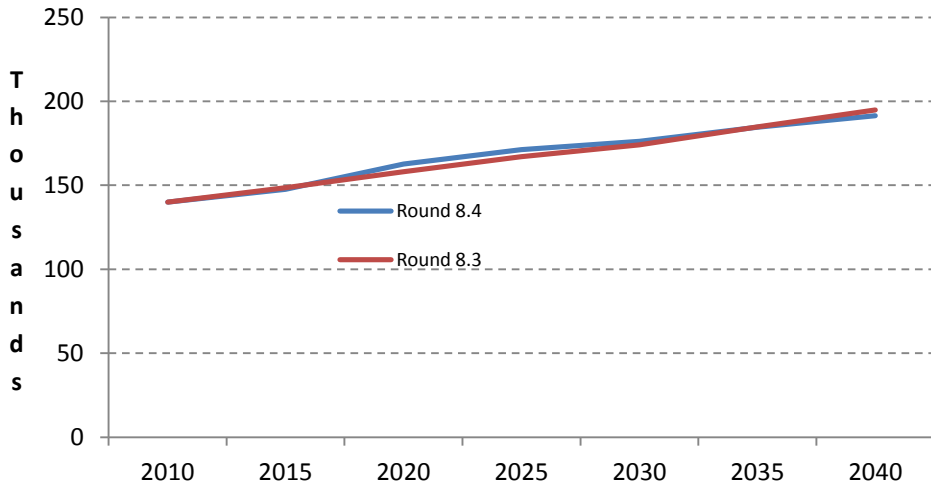


Employment - Howard County

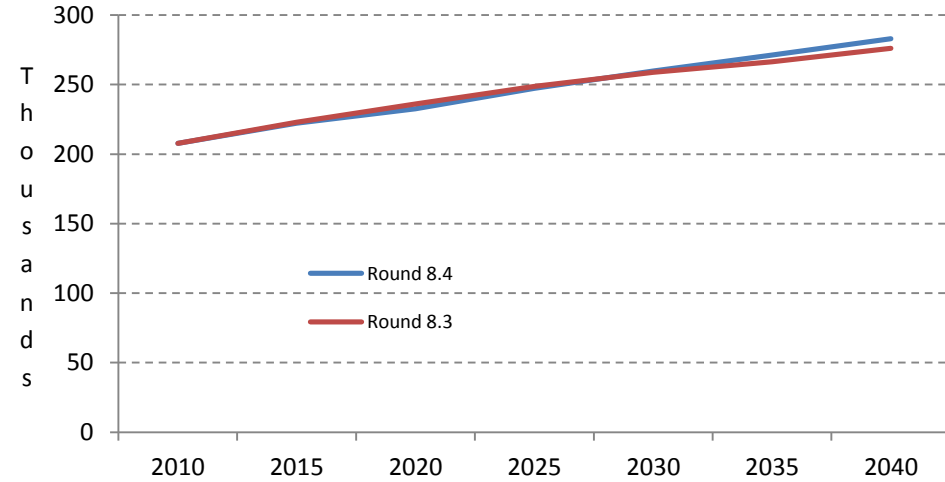


Comparison of Population Forecasts: COG/TPB Jurisdictions

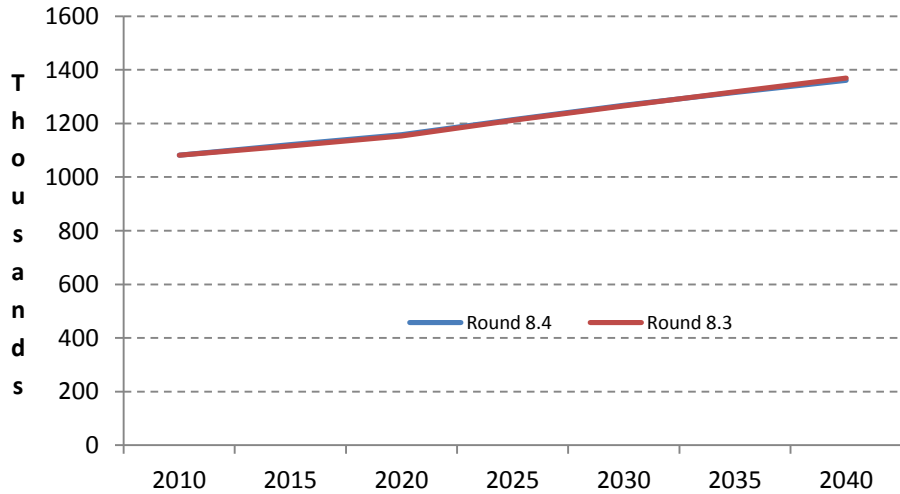
Population - City of Alexandria



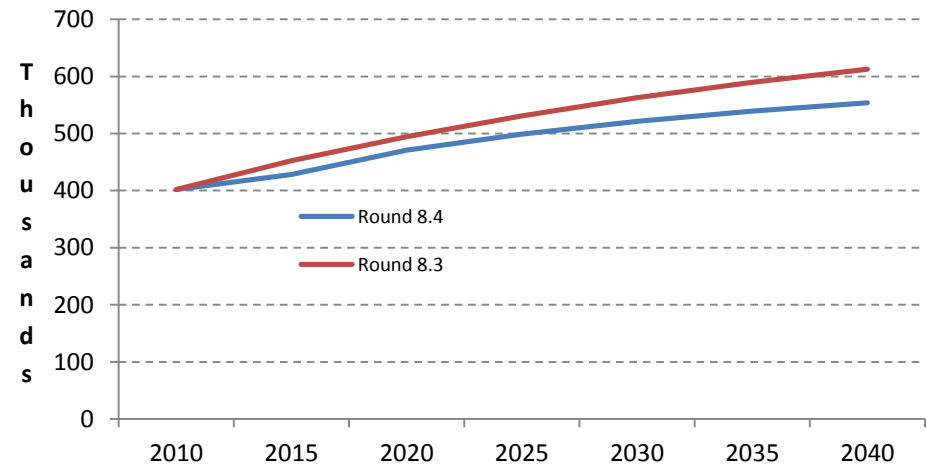
Population - Arlington County



Population - Fairfax County

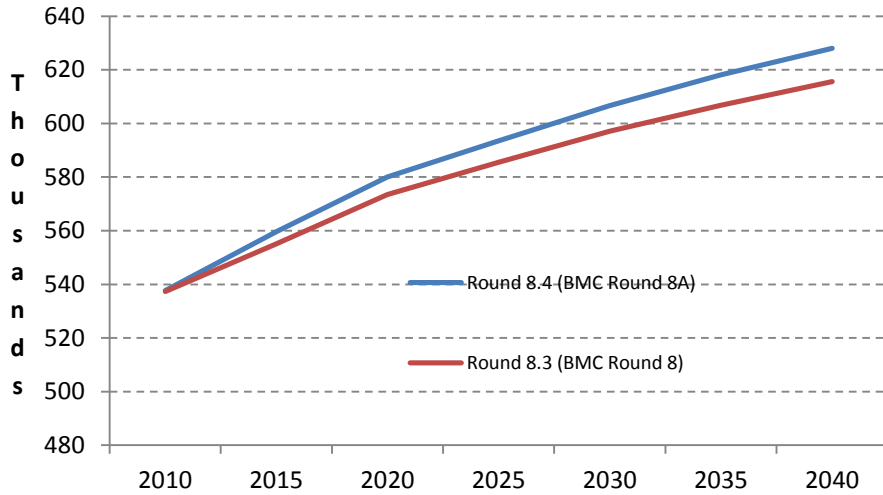


Population - Prince William County

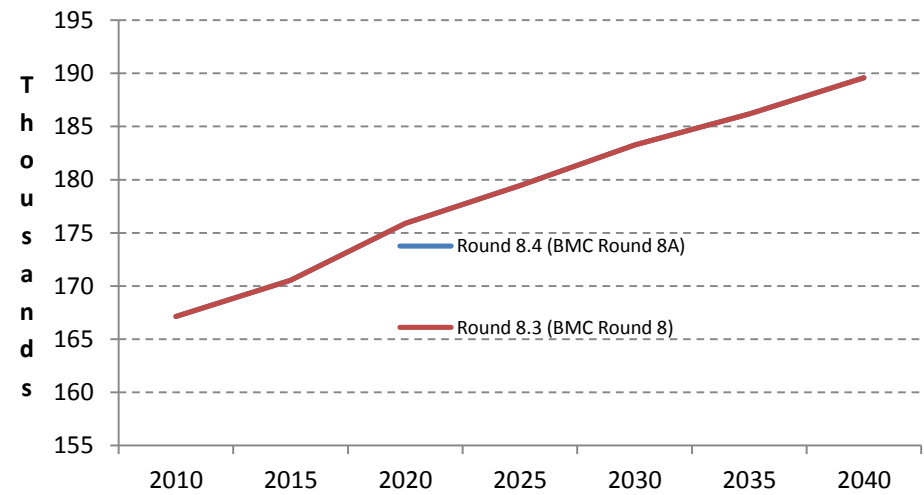


Comparison of Population Forecasts: Baltimore Jurisdictions

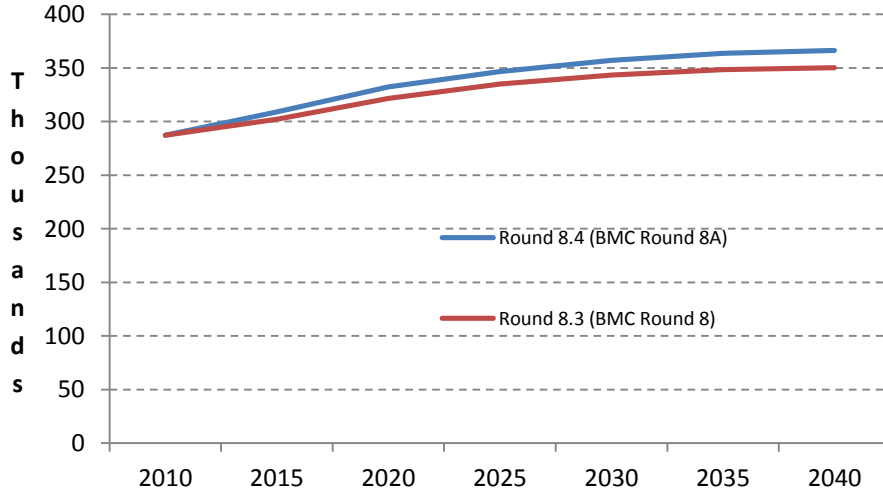
Population - Anne Arundel County



Population - Carroll County

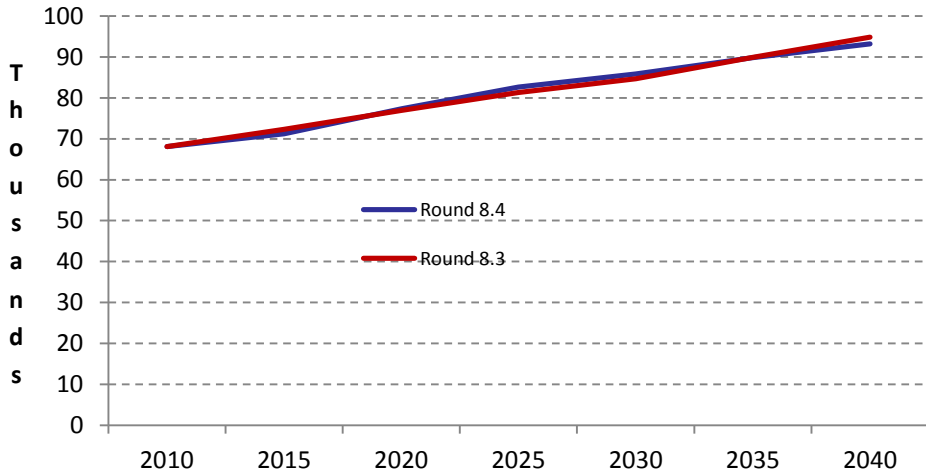


Population - Howard County

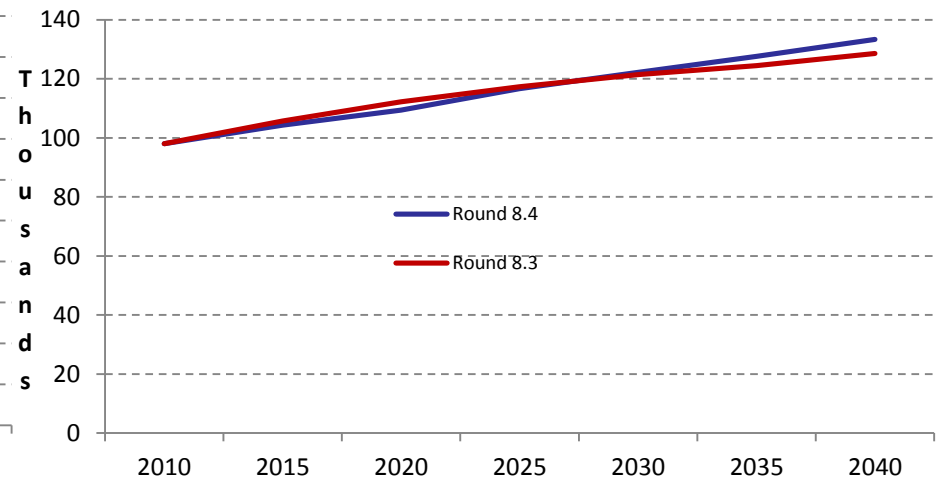


Comparison of Household Forecasts: COG/TPB Jurisdictions

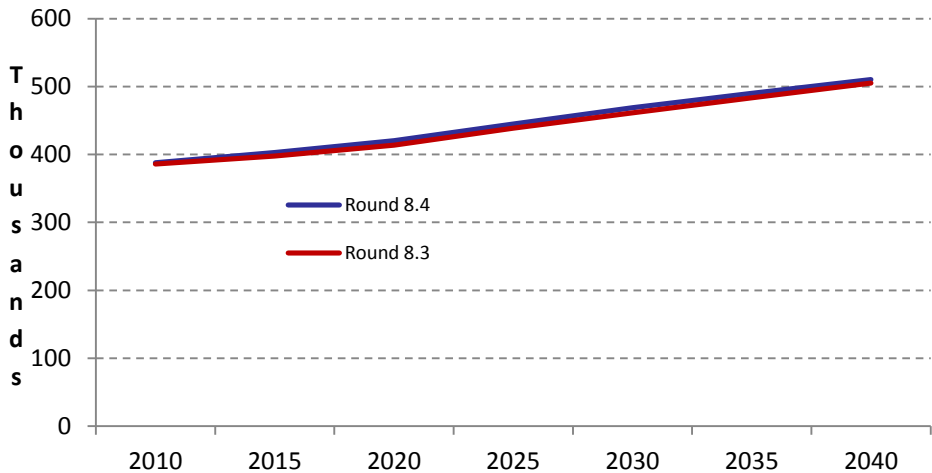
Households - City of Alexandria



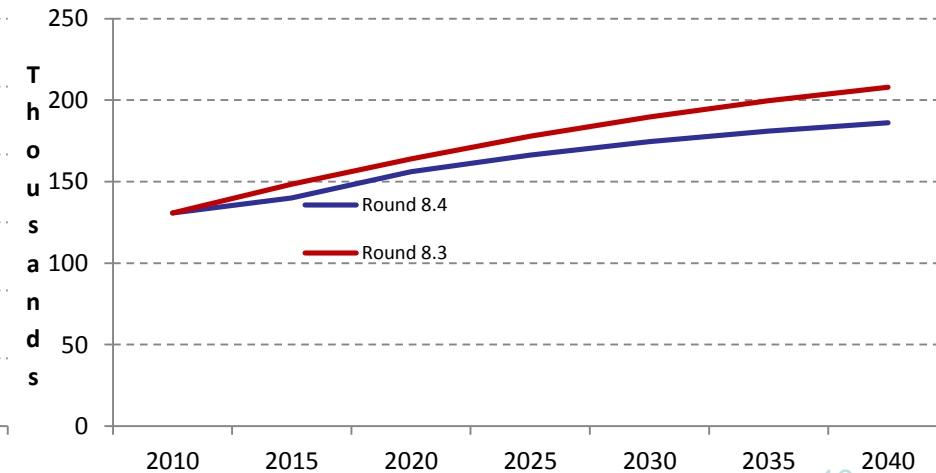
Households - Arlington County



Households - Fairfax County

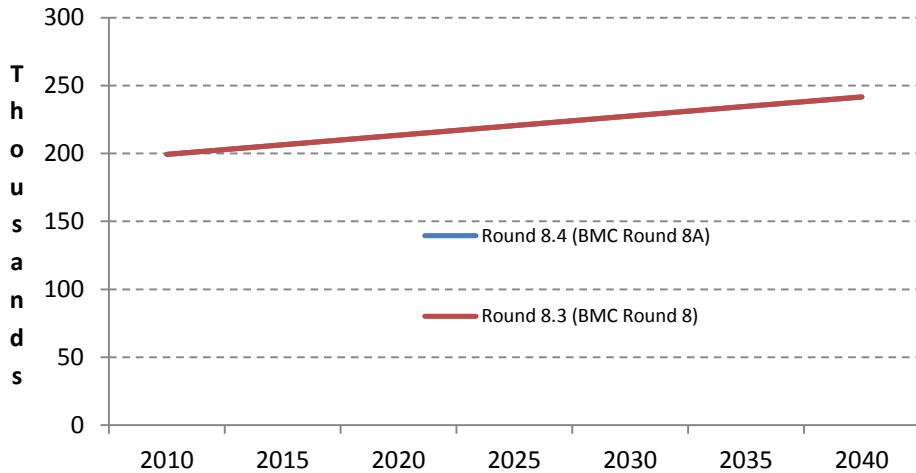


Households - Prince William County

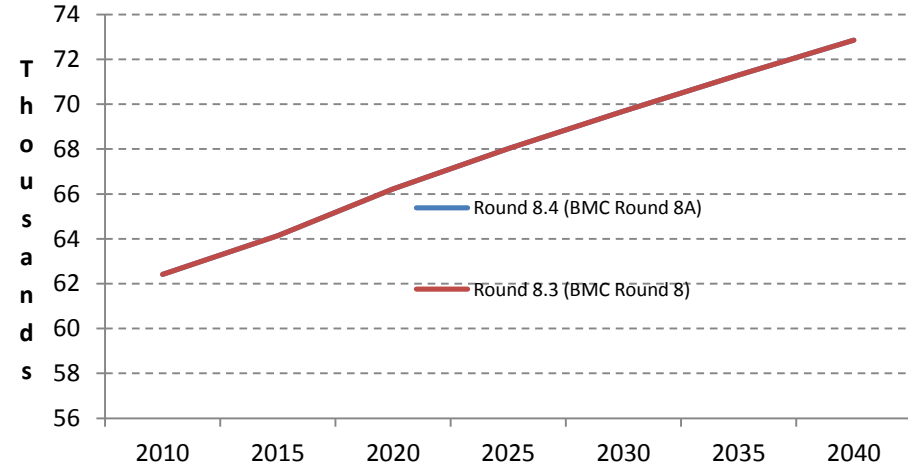


Comparison of Household Forecasts: Baltimore Jurisdictions

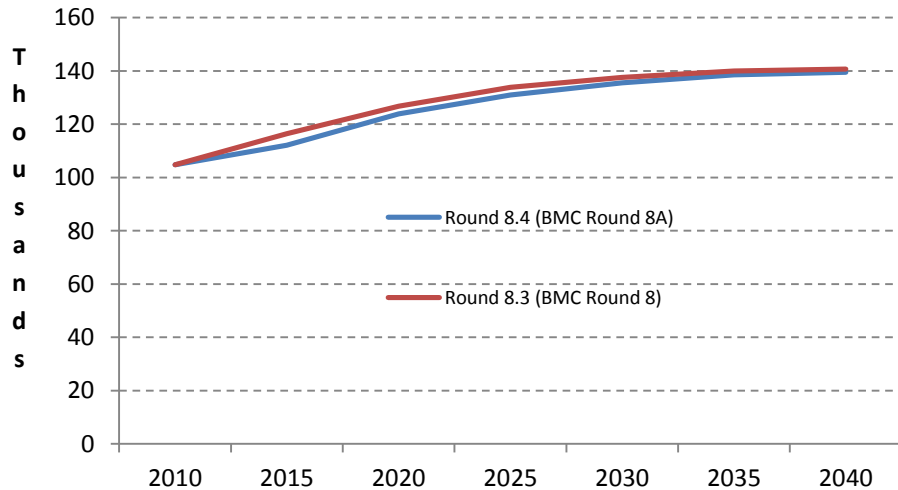
Households - Anne Arundel County



Households - Carroll County



Households - Howard County



Draft Round 8.4 Forecast Growth Within Activity Centers

	EMPLOYMENT			
	2010	2040	2010 to 2040	
Outside Activity Centers	1,055,695	1,367,990	312,295	24.1%
Within Activity Centers	2,021,109	3,002,762	981,653	75.9%
Total	3,076,804	4,370,752	1,293,948	100.0%
	HOUSEHOLDS			
	2010	2040	2010 to 2040	
Outside Activity Centers	1,306,459	1,557,810	251,351	38.1%
Within Activity Centers	580,750	988,773	408,023	61.9%
Total	1,887,209	2,546,583	659,374	100.0%
	POPULATION			
	2010	2040	2010 to 2040	
Outside Activity Centers	3,666,574	4,345,484	678,910	43.2%
Within Activity Centers	1,379,782	2,273,697	893,915	56.8%
Total	5,046,356	6,619,181	1,572,825	100.0%

Change in 2040 Activity Center Forecasts Draft Round 8.4 Compared to Round 8.0

WITHIN ACTIVITY CENTERS

	Round 8.0	Round 8.4	Change: Round 8.4 Minus Round 8.0	
	2040	2040	Number	Percent
Employment	3,003,000	3,002,762	-238	0.0%
Population	2,079,000	2,273,697	194,697	9.4%
Households	915,000	988,773	73,773	8.1%

OUTSIDE ACTIVITY CENTERS

	Round 8.0	Round 8.4	Change: Round 8.4 Minus Round 8.0	
	2040	2040	Number	Percent
Employment	1,355,000	1,367,990	12,990	1.0%
Population	4,307,000	4,345,484	38,484	0.9%
Households	1,587,000	1,557,810	-29,190	-1.8%

Questions . . .