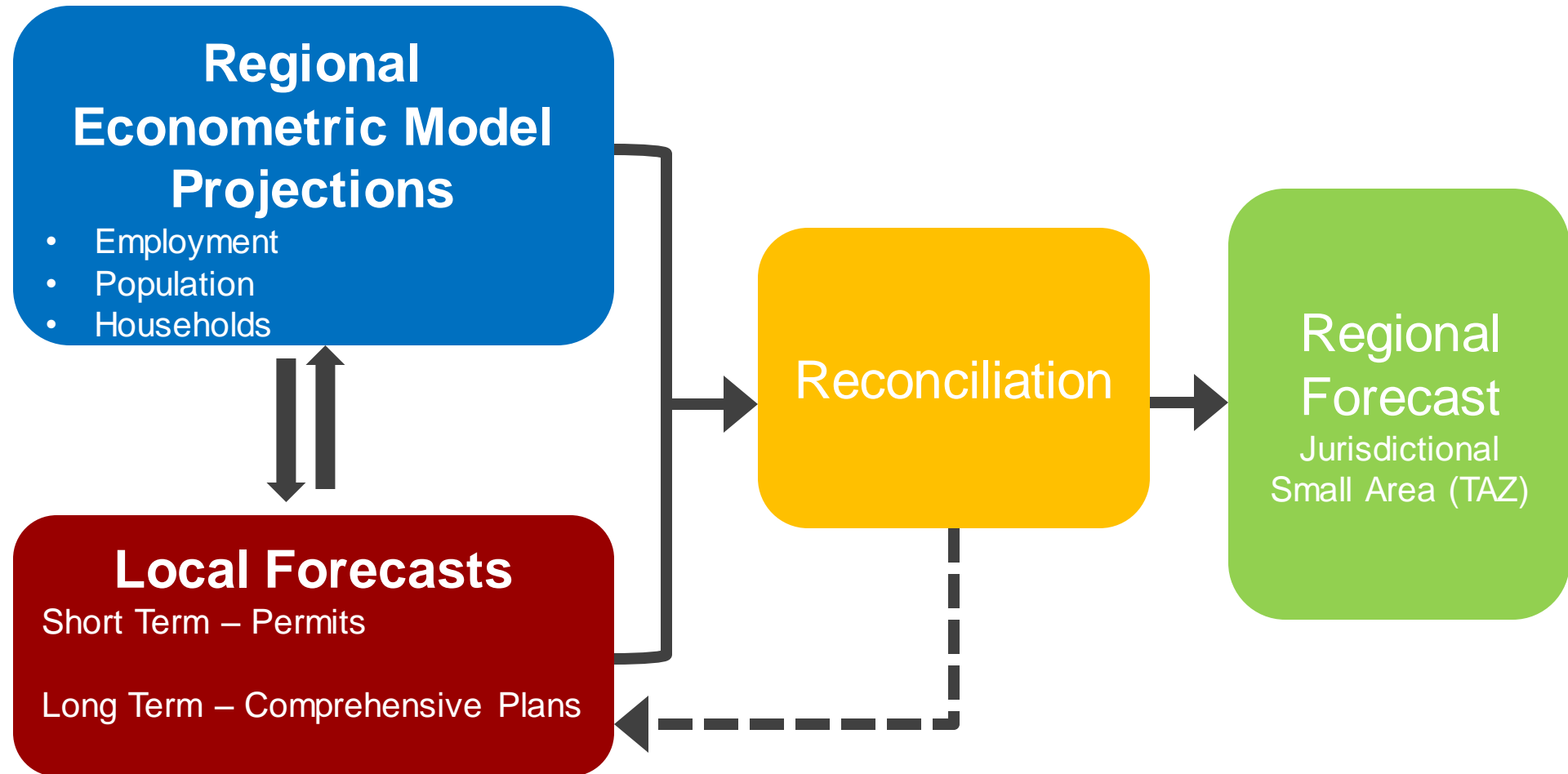


# **Draft Round 9.0 Cooperative Forecasts of Future Growth**

**Cooperative Forecasting and Data Subcommittee  
November 3, 2015**

# Cooperative Forecasting Process



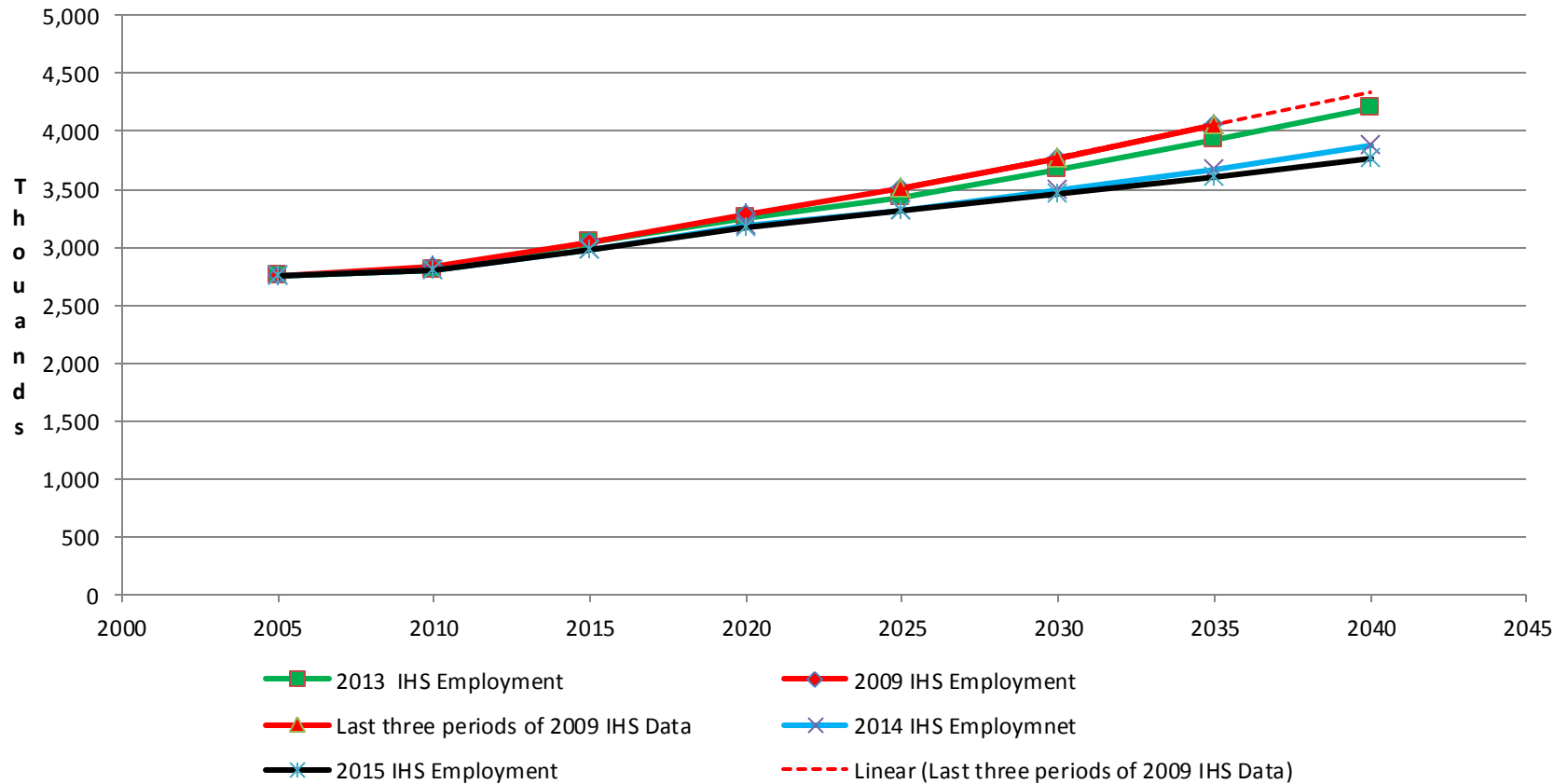
# “New” IHS (Global Insight) June 2015 Data Comparison with Round 8.4

Cooperative Forecasting and Data  
Subcommittee

July 14, 2015

# Comparison between 2009, 2013, 2014, and 2015

Total Non-Farm Employment 1990 - 2040 COG / TPB Planning Area



# Summary of Round 9.0 Econometric Model Forecasts

## Round 9.0 Econometric Model Forecast Summary COG / TPB Planning Area

(Thousands)

2010 to 2045

	<u>2010</u>	<u>2045</u>	<u>Number</u>	<u>Percent</u>
<b>Employment</b>	2,985.2	4,166.0	1,180.8	39.5%
<b>Population</b>	5,086.8	6,888.4	1,801.6	35.4%
<b>Households</b>	1,899.3	2,775.4	876.1	46.1%

# Summary of Jurisdictional Draft Round 9.0 Cooperative Forecasts

## Draft Round 9.0 Forecast Summary COG / TPB Planning Area

(Thousands)

2010 to 2045

	<u>2010</u>	<u>2045</u>	<u>Number</u>	<u>Percent</u>
<b>Employment</b>	3,009.0	4,414.6	1,405.1	46.7%
<b>Population</b>	5,047.5	6,898.8	1,851.3	36.7%
<b>Households</b>	1,883.5	2,647.6	764.2	40.6%

**ROUND 9.0 ECONOMETRIC MODEL RESULTS (*thousands*) - COG / TPB Planning Area**

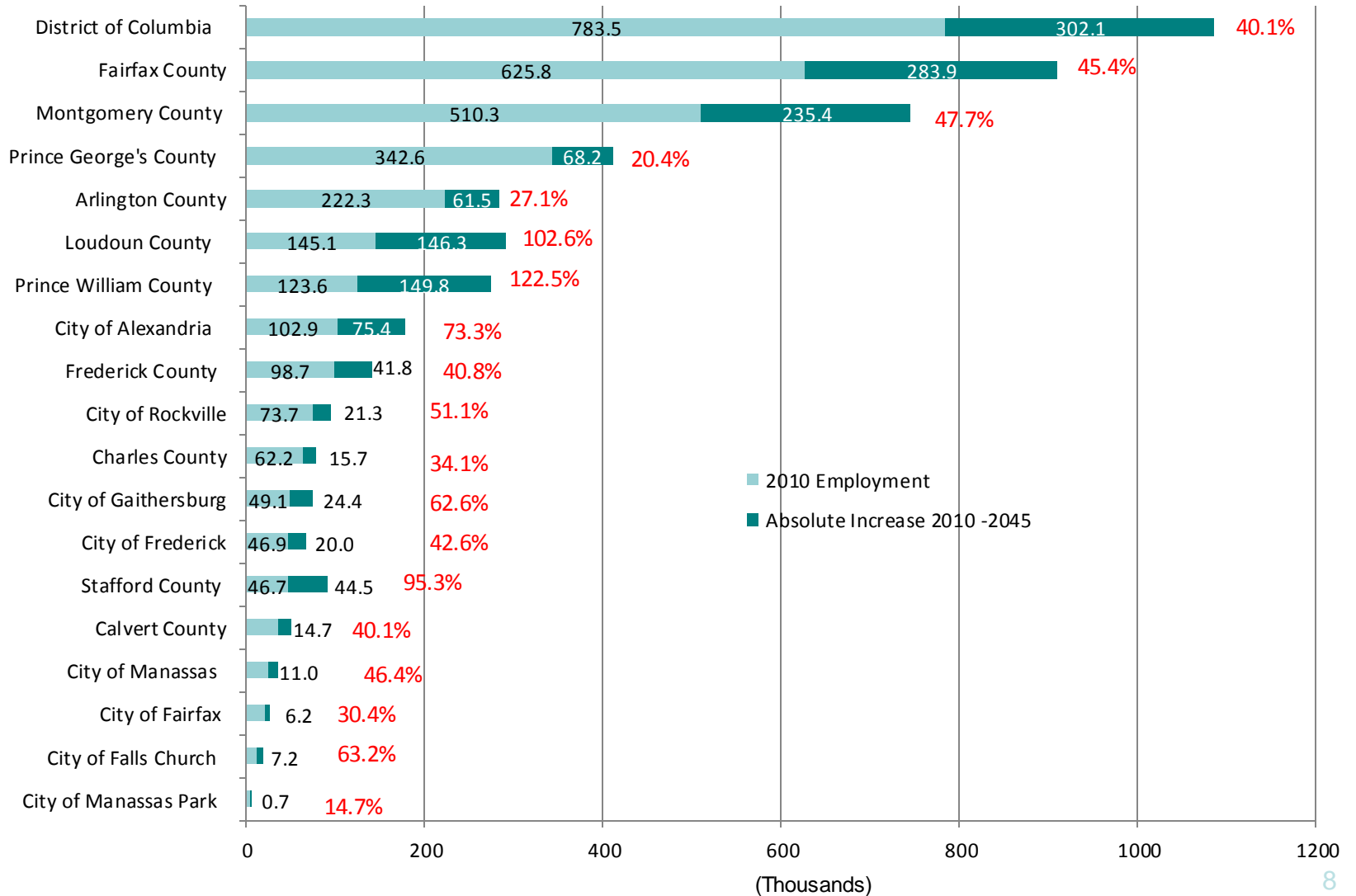
	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
<b>TOTAL JOBS</b>	2,985.2	3,137.4	3,390.8	3,542.9	3,689.8	3,846.8	4,018.4	4,166.0
<b>TOTAL POPULATION</b>	5,086.8	5,486.5	5,793.6	6,043.6	6,274.3	6,488.7	6,686.6	6,888.4
<b>TOTAL HOUSEHOLDS</b>	1,899.3	2,009.4	2,146.2	2,276.2	2,400.2	2,519.6	2,642.7	2,775.4

**DRAFT ROUND 9.0 INTERMEDIATE SCENARIO (*thousands*) - COG / TPB Planning Area**

	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
<b>TOTAL JOBS</b>	3,009.4	3,171.1	3,365.5	3,589.0	3,809.2	4,024.0	4,224.4	4,414.6
<b>TOTAL POPULATION</b>	5,047.5	5,381.6	5,685.9	5,971.1	6,230.4	6,472.5	6,692.7	6,898.8
<b>TOTAL HOUSEHOLDS</b>	1,883.5	2,006.3	2,133.9	2,257.9	2,373.1	2,474.6	2,564.1	2,647.6

COG/TPB Planning Area	<b>Absolute and Percentage Difference between Draft Round 9.0 and the Round 9.0 Econometric Model (Draft Round 9.0 minus Model Results)</b>							
	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
<b>TOTAL JOBS</b>	24.2 0.8%	33.7 1.1%	-25.3 -0.7%	46.1 1.3%	119.4 3.2%	177.2 4.6%	206.0 5.1%	248.6 6.0%
<b>TOTAL POPULATION</b>	-39.3 -0.8%	-105.0 -1.9%	-107.6 -1.9%	-72.5 -1.2%	-43.9 -0.7%	-16.2 -0.2%	6.1 0.1%	10.4 0.2%
<b>TOTAL HOUSEHOLDS</b>	-15.8 -0.8%	-3.0 -0.2%	-12.3 -0.6%	-18.2 -0.8%	-27.2 -1.1%	-45.0 -1.8%	-78.6 -3.0%	-127.8 -4.6%

# Employment 2010 - 2045





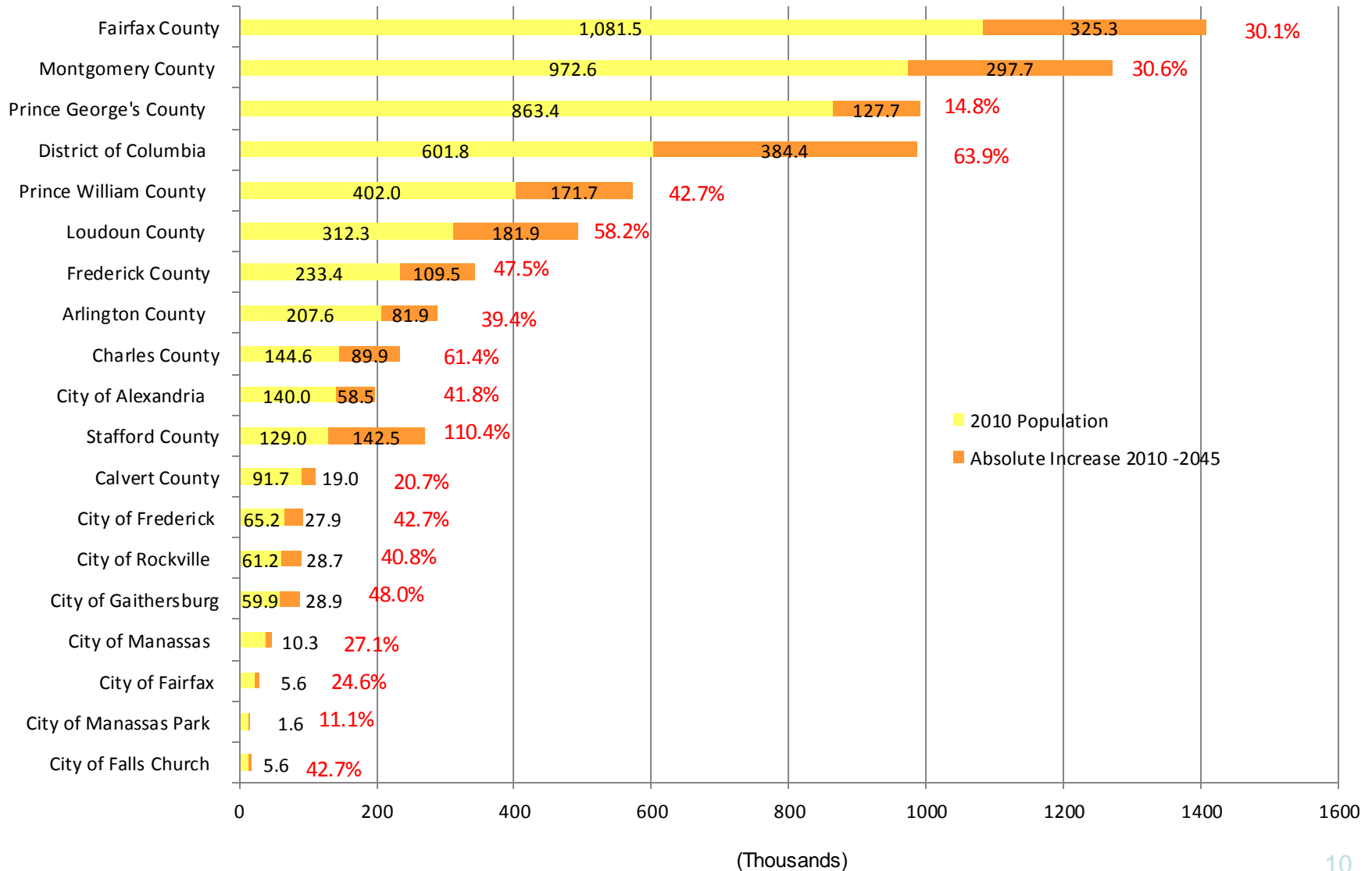
# Historic and Forecast Job Growth Rates: U.S., Regional and Draft Round 9.0

	Actual			Forecast					
	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2035	2035-2040	2040-2045
US	1.5%	-2.8%	8.9%	6.1%	3.7%	3.2%	3.2%	3.2%	2.9%
Econometric Model	8.0%	1.1%	5.1%	8.1%	4.5%	4.1%	4.3%	4.5%	3.7%
Round 9.0	---	---	---	6.1%	6.6%	6.1%	5.6%	5.0%	4.5%
District of Columbia	5.2%	4.5%	6.5%	11.7%	5.7%	5.0%	4.3%	3.4%	3.3%
Arlington County	3.1%	0.3%	5.7%	27.1%	5.4%	7.2%	4.8%	4.0%	4.2%
City of Alexandria	6.9%	3.1%	1.1%	12.9%	14.4%	10.3%	11.2%	6.9%	3.7%
Montgomery County (1)	1.6%	-2.5%	4.5%	11.8%	5.3%	5.8%	6.2%	6.5%	6.8%
Prince George's County	0.9%	-3.6%	1.6%	7.0%	5.0%	2.6%	2.6%	2.0%	2.2%
Fairfax County	10.4%	2.0%	2.2%	8.0%	6.7%	5.5%	5.5%	4.8%	4.0%
Loudoun County	45.0%	10.2%	15.3%	15.4%	11.7%	11.4%	8.6%	7.4%	5.9%
Prince William County	32.4%	4.0%	21.1%	4.9%	11.8%	11.0%	10.6%	10.7%	8.6%
Charles County	10.5%	-0.2%	3.0%	5.6%	4.8%	6.0%	6.1%	6.1%	4.7%
Frederick County (2)	17.1%	1.5%	6.1%	10.5%	4.5%	7.9%	5.9%	4.6%	3.7%
City of Fairfax	47.9%	-15.6%	3.1%	5.4%	4.0%	4.1%	4.0%	4.0%	3.8%
City of Falls Church	5.6%	-14.7%	-5.2%	19.2%	13.3%	8.6%	2.3%	1.7%	1.6%
City of Manassas	29.5%	-2.7%	-3.7%	2.1%	6.4%	6.0%	5.6%	5.3%	5.1%
City of Manassas Park	2.9%	-26.0%	6.4%	2.0%	2.0%	2.0%	2.0%	2.0%	1.9%

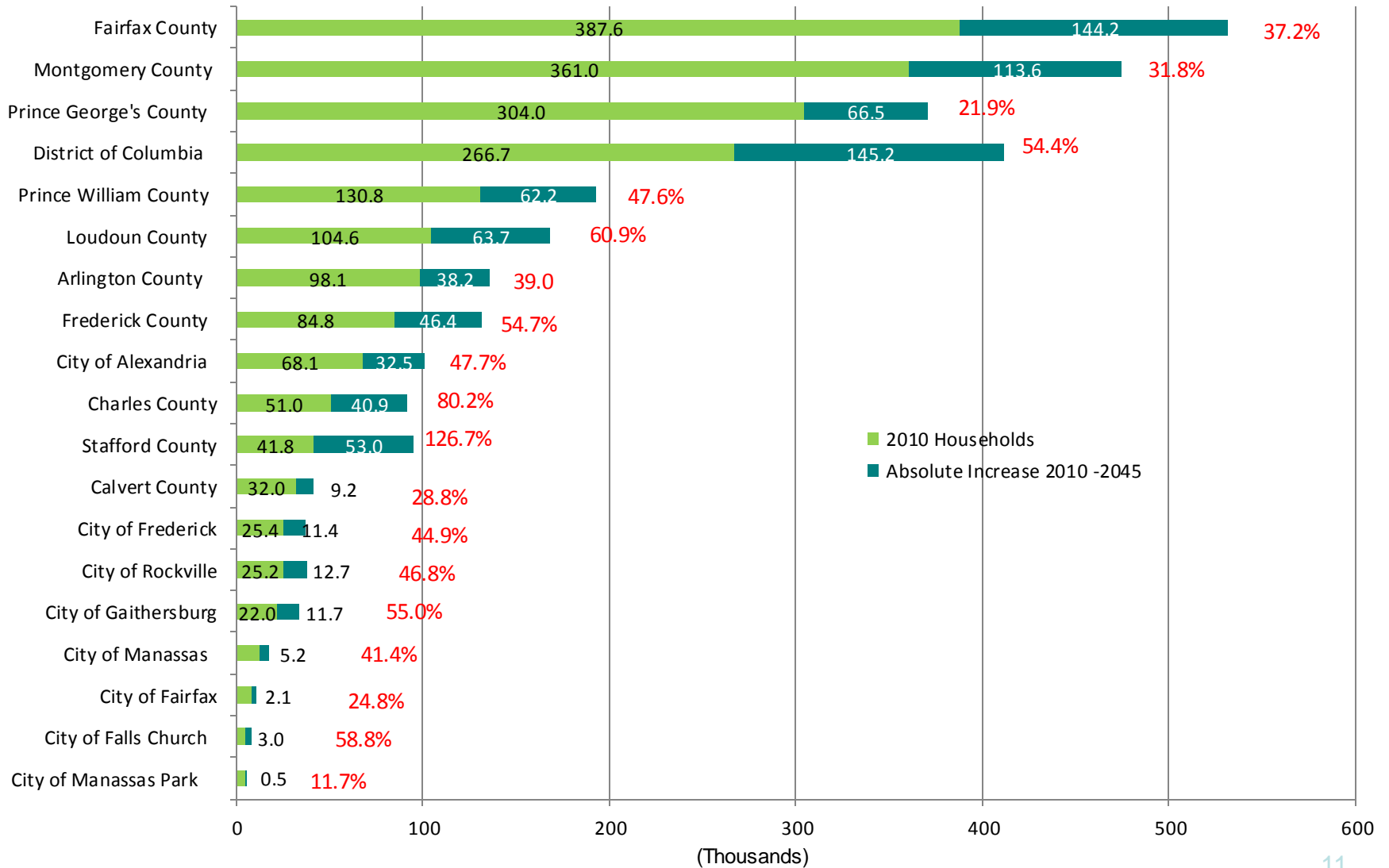
(1) Includes the Cities of Rockville and Gaithersburg

(2) Includes the City of Frederick

# Population 2010 - 2045



# Households 2010 - 2045



**Questions . . .**