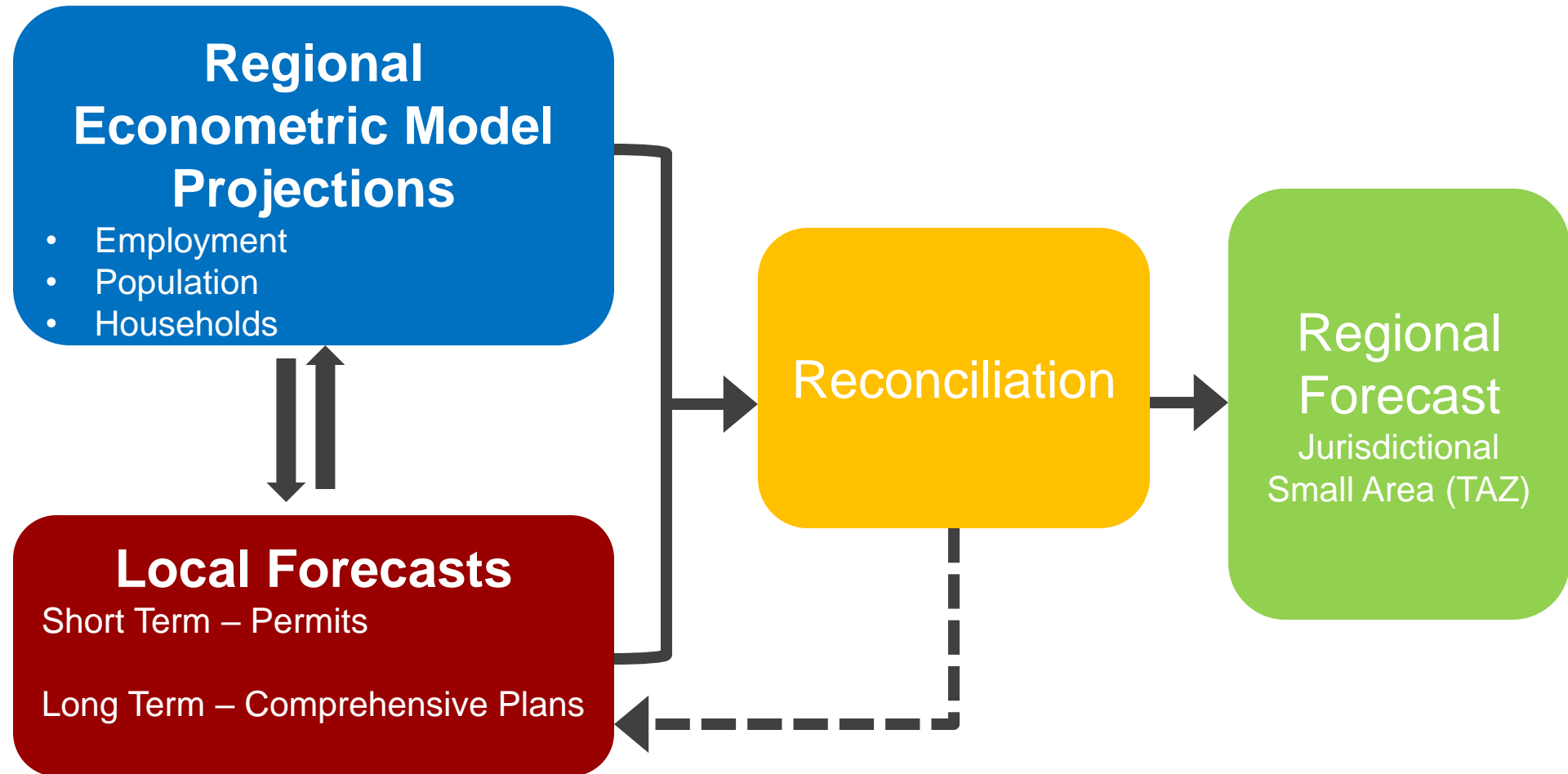


**Draft Round 9.0
Cooperative Forecasts
of Future Growth**

**Planning Directors Technical Advisory Committee
November 20, 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)

	<u>2015</u>	<u>2045</u>	2015 to 2045	
			<u>Number</u>	<u>Percent</u>
Employment	3,146.2	4,166.0	1,019.8	32.4%
Population	5,486.5	6,888.4	1,401.9	25.6%
Households	2,009.4	2,775.4	766.1	38.1%

Summary of Jurisdictional Draft Round 9.0 Cooperative Forecasts

Draft Round 9.0 Forecast Summary COG / TPB Planning Area

(Thousands)

	<u>2015</u>	<u>2045</u>	2015 to 2045	
			<u>Number</u>	<u>Percent</u>
Employment	3,171.1	4,414.6	1,243.5	41.3%
Population	5,381.6	6,898.8	1,517.2	30.1%
Households	2,006.3	2,647.6	764.2	34.0%

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>
TOTAL JOBS	2,985.2	3,137.4	3,390.8	3,542.9	3,689.8	3,846.8	4,018.4	4,166.0
TOTAL POPULATION	5,086.8	5,486.5	5,793.6	6,043.6	6,274.3	6,488.7	6,686.6	6,888.4
TOTAL HOUSEHOLDS	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>
TOTAL JOBS	3,009.4	3,171.1	3,365.5	3,589.0	3,809.2	4,024.0	4,224.4	4,414.6
TOTAL POPULATION	5,047.5	5,381.6	5,685.9	5,971.1	6,230.4	6,472.5	6,692.7	6,898.8
TOTAL HOUSEHOLDS	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	Absolute and Percentage Difference between Draft Round 9.0 and the Round 9.0 Econometric Model (Draft Round 9.0 minus Model Results)							
	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
TOTAL JOBS	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%
TOTAL POPULATION	-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%
TOTAL HOUSEHOLDS	-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%

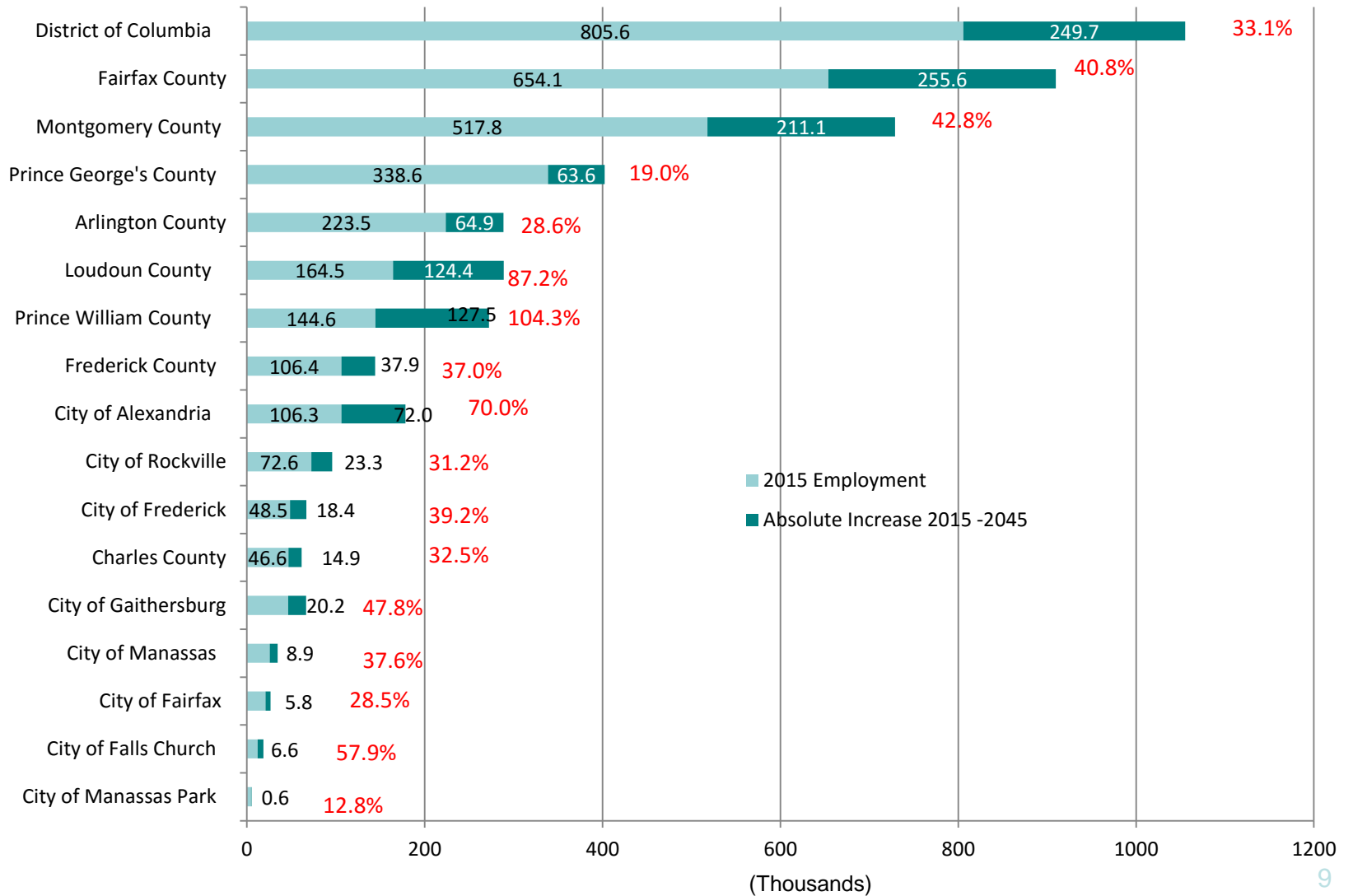
Historic and Forecast Job Growth Rates: U.S., Regional and Draft Round 9.0

	Actual			Forecast					
	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2035	2035-2040	2040-2045
National	1.5%	-2.8%	8.9%	6.1%	3.7%	3.2%	3.2%	3.2%	2.9%
Regional IHS	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	5.6%	4.4%	6.1%	6.0%	5.7%	5.0%	4.3%	3.4%	3.3%
Arlington County	3.1%	0.9%	4.9%	0.5%	5.4%	7.2%	4.8%	4.0%	4.2%
City of Alexandria	6.9%	3.1%	1.1%	7.8%	14.4%	10.3%	11.2%	6.9%	3.7%
Montgomery County (1)	2.2%	-2.6%	4.4%	4.6%	5.3%	5.8%	6.2%	6.5%	6.8%
Prince George's County	1.0%	-3.8%	1.8%	3.1%	5.0%	2.6%	2.6%	2.0%	2.2%
Fairfax County	10.3%	2.3%	1.9%	7.4%	6.7%	5.5%	5.5%	4.8%	4.0%
Loudoun County	45.0%	10.2%	15.3%	14.3%	11.7%	11.4%	8.6%	7.4%	5.9%
Prince William County	39.1%	-1.4%	21.4%	14.1%	11.8%	11.0%	10.6%	10.7%	8.6%
Charles County	10.9%	-1.3%	3.0%	0.8%	4.8%	6.0%	6.1%	6.1%	4.7%
Frederick County (2)	17.2%	1.6%	5.9%	4.8%	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%

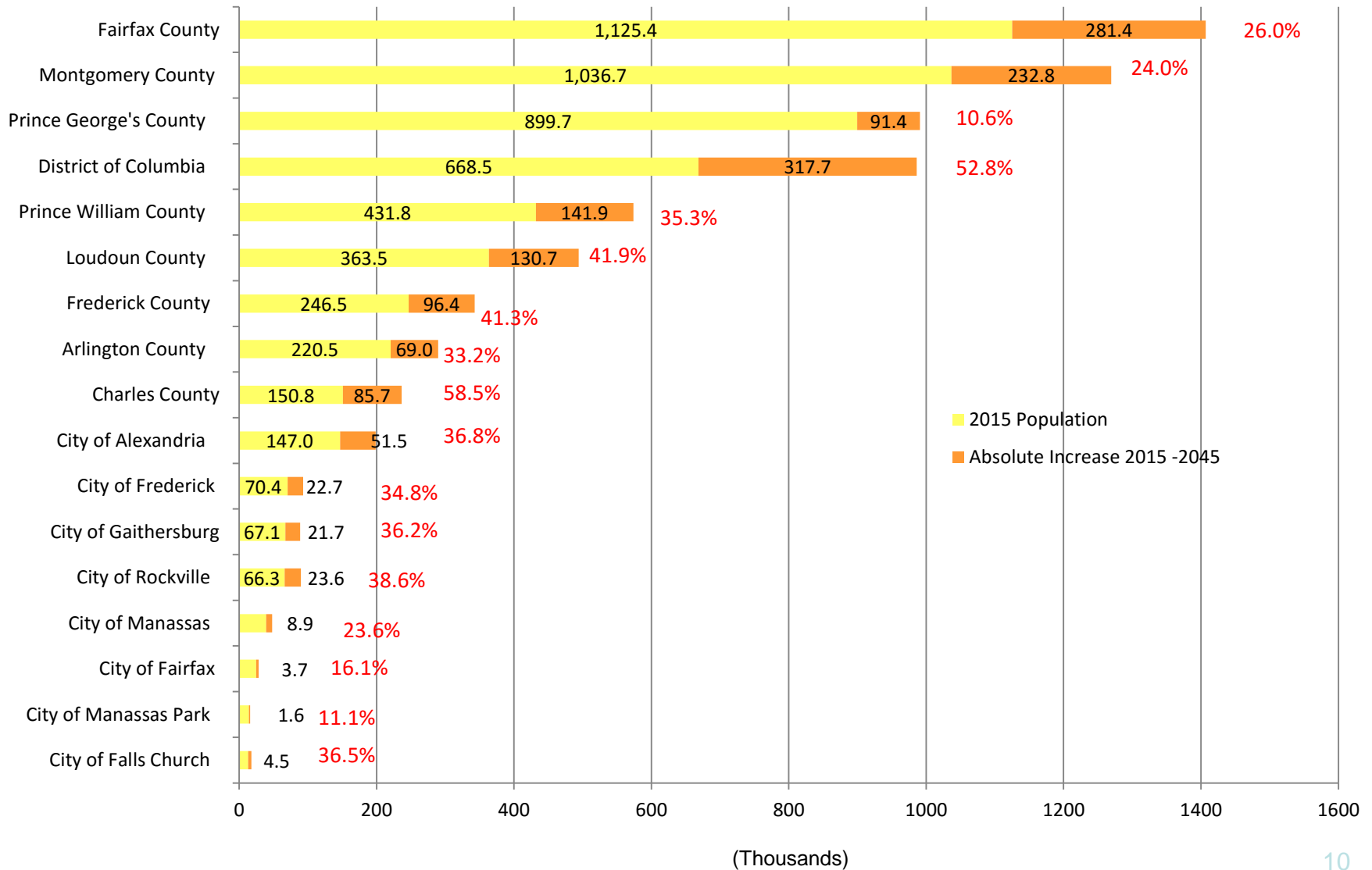
(1) Includes the Cities of Rockville and Gaithersburg

(2) Includes the City of Frederick

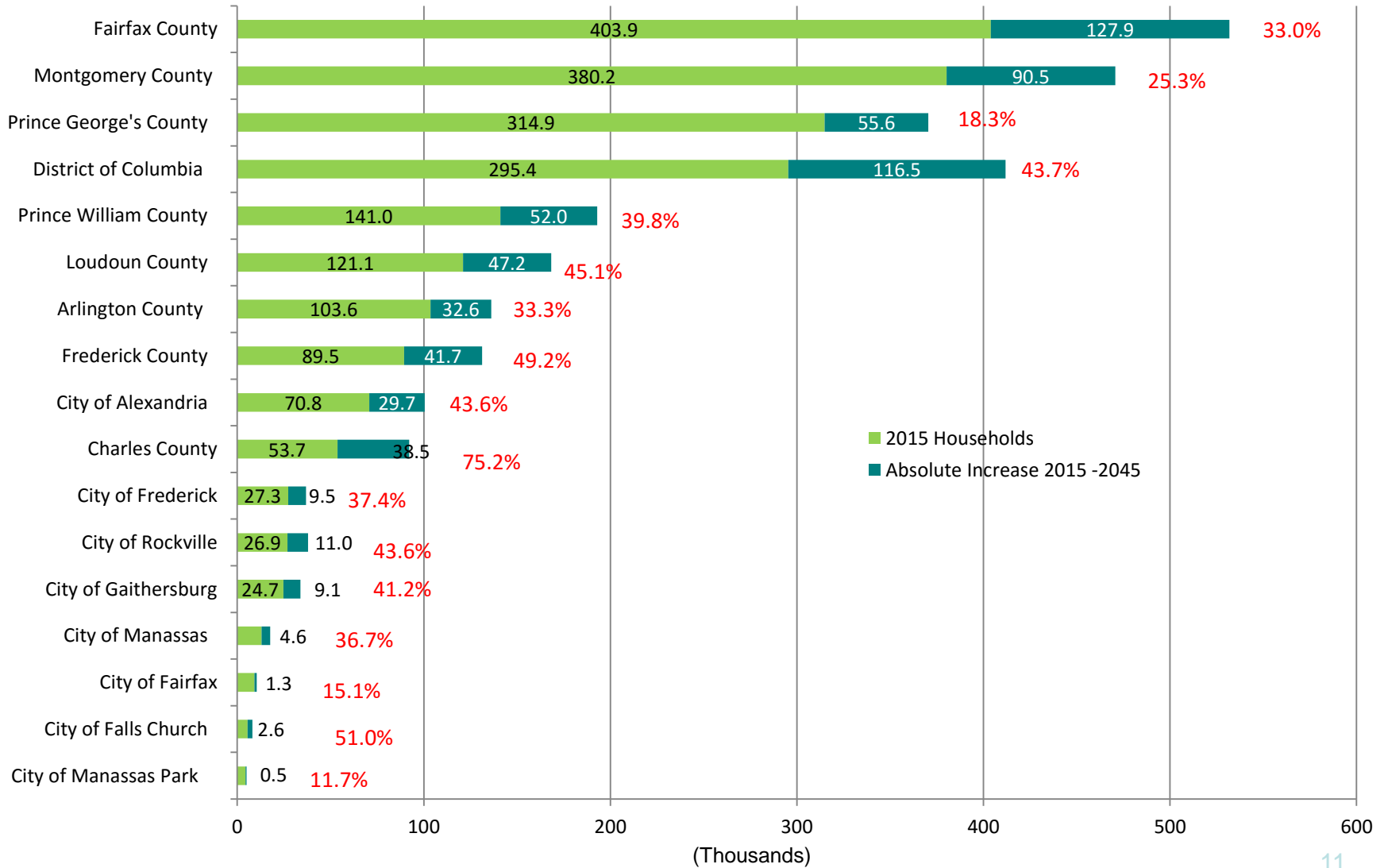
Employment 2015 - 2045



Population 2015 - 2045



Households 2015 - 2045



Questions . . .