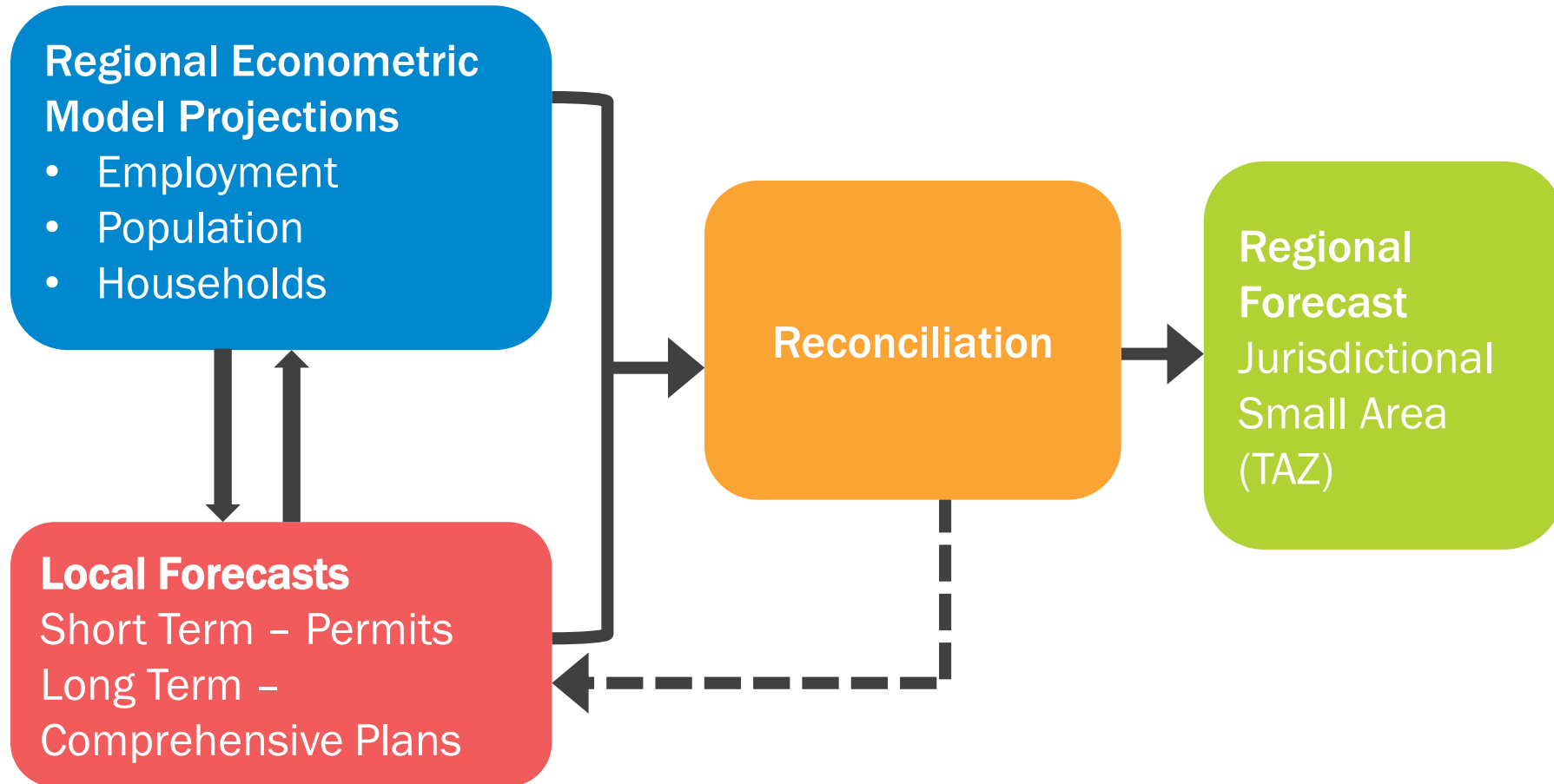


ROUND 9.0 COOPERATIVE FORECASTS OF FUTURE GROWTH

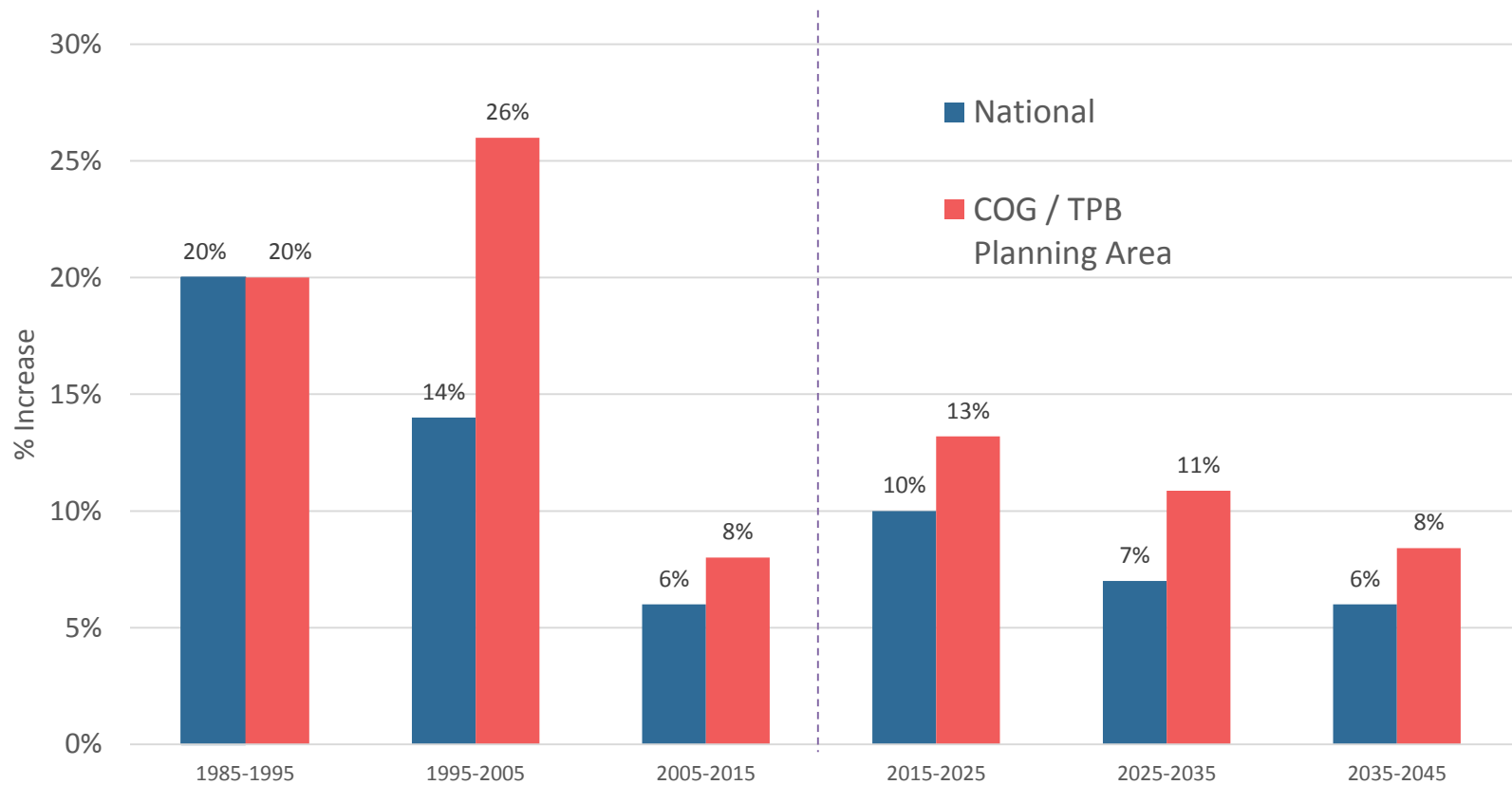
Greg Goodwin
COG Community Planning and Services

MWAQC – Tech Advisory Committee
April 12, 2016

Cooperative Forecasting Process



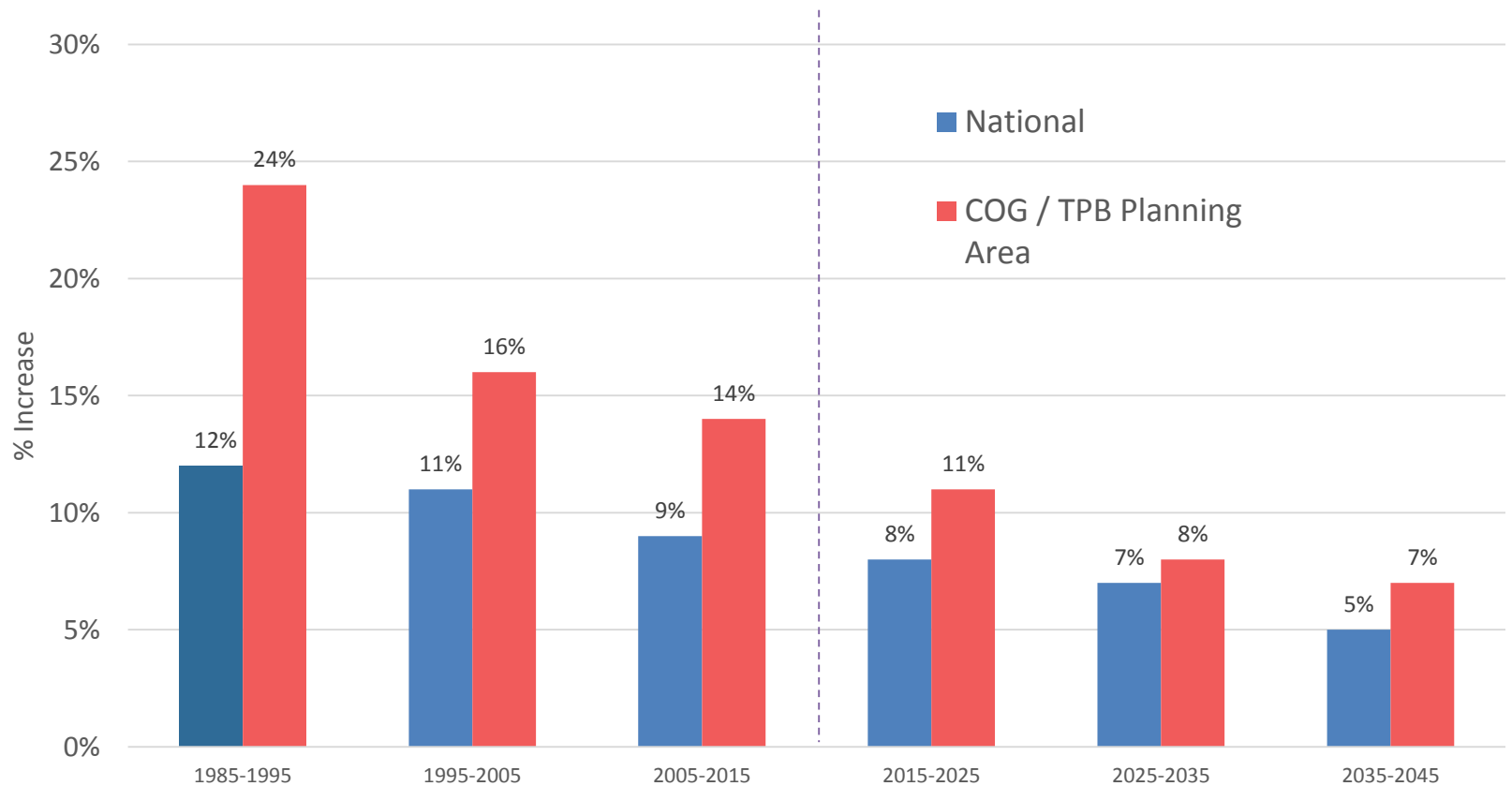
Employment Change by 10-Year Increments National vs. COG / TPB Planning Area



Draft Round 9.0 Cooperative Forecasts



Population Change by 10-Year Increments National vs. COG / TPB Planning Area

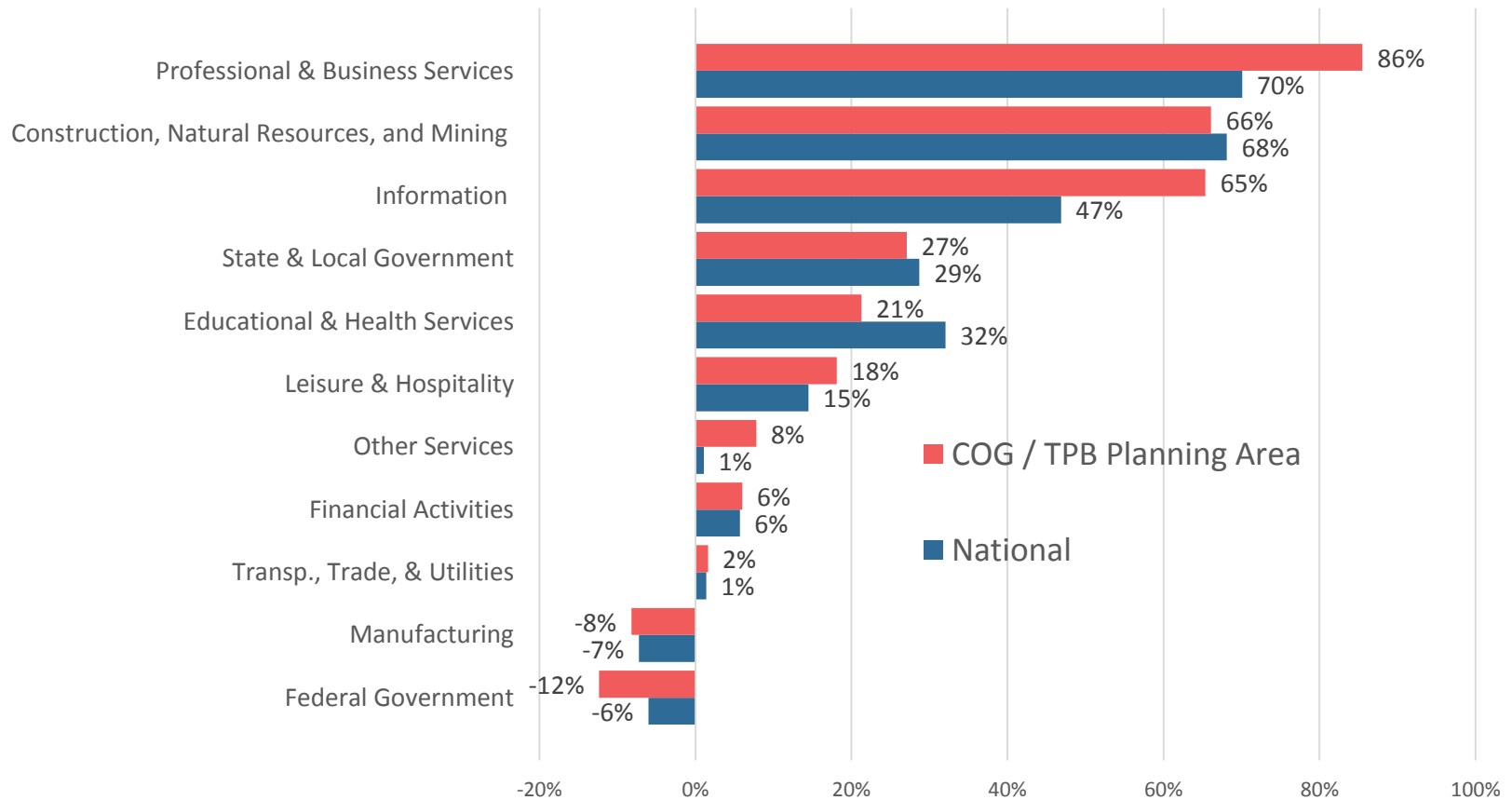


Draft Round 9.0 Cooperative Forecasts



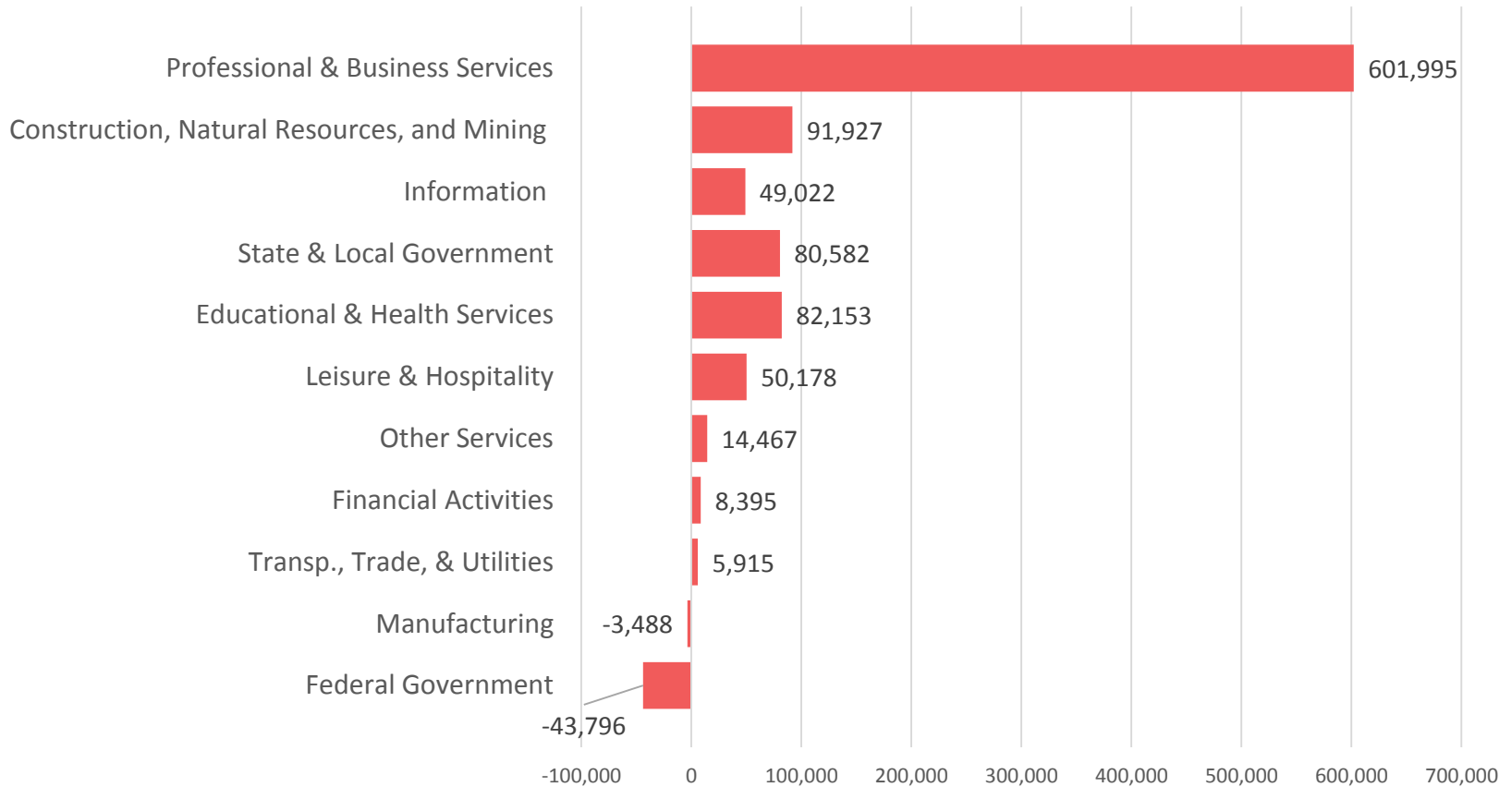
Employment Change by Sector 2015–2045

National vs. COG / TPB Planning Area



Employment Change by Sector 2015 – 2045

COG / TPB Planning Area



Round 9.0 Econometric Model Results

(June 2015) ROUND 9.0 ECONOMETRIC MODEL RESULTS (thousands) - COG / TPB Planning Area

	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
TOTAL JOBS	3,146.2	3,390.8	3,542.9	3,689.8	3,846.8	4,018.4	4,166.0
TOTAL POPULATION	5,486.5	5,793.6	6,043.6	6,274.3	6,488.7	6,686.6	6,888.4
TOTAL HOUSEHOLDS	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>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
TOTAL JOBS	3,151.7	3,343.0	3,562.6	3,766.7	3,949.0	4,125.0	4,291.2
TOTAL POPULATION	5,372.0	5,673.1	5,956.0	6,214.3	6,453.0	6,665.3	6,876.0
TOTAL HOUSEHOLDS	2,009.3	2,135.1	2,256.4	2,371.1	2,470.2	2,557.9	2,651.3

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>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>	<u>2035</u>	<u>2040</u>	<u>2045</u>
TOTAL JOBS	5.5 0.2%	-47.8 -1.4%	19.6 0.6%	76.8 2.1%	102.3 2.7%	106.6 2.7%	125.2 3.0%
TOTAL POPULATION	-114.5 -2.1%	-120.5 -2.1%	-87.7 -1.5%	-60.0 -1.0%	-35.7 -0.5%	-21.3 -0.3%	-12.4 -0.2%
TOTAL HOUSEHOLDS	0.0 0.0%	-11.1 -0.5%	-19.8 -0.9%	-29.1 -1.2%	-49.5 -2.0%	-84.8 -3.2%	-124.1 -4.5%



Summary of Round 9.0 Cooperative Forecasts

COG / TPB Planning Area (Thousands)

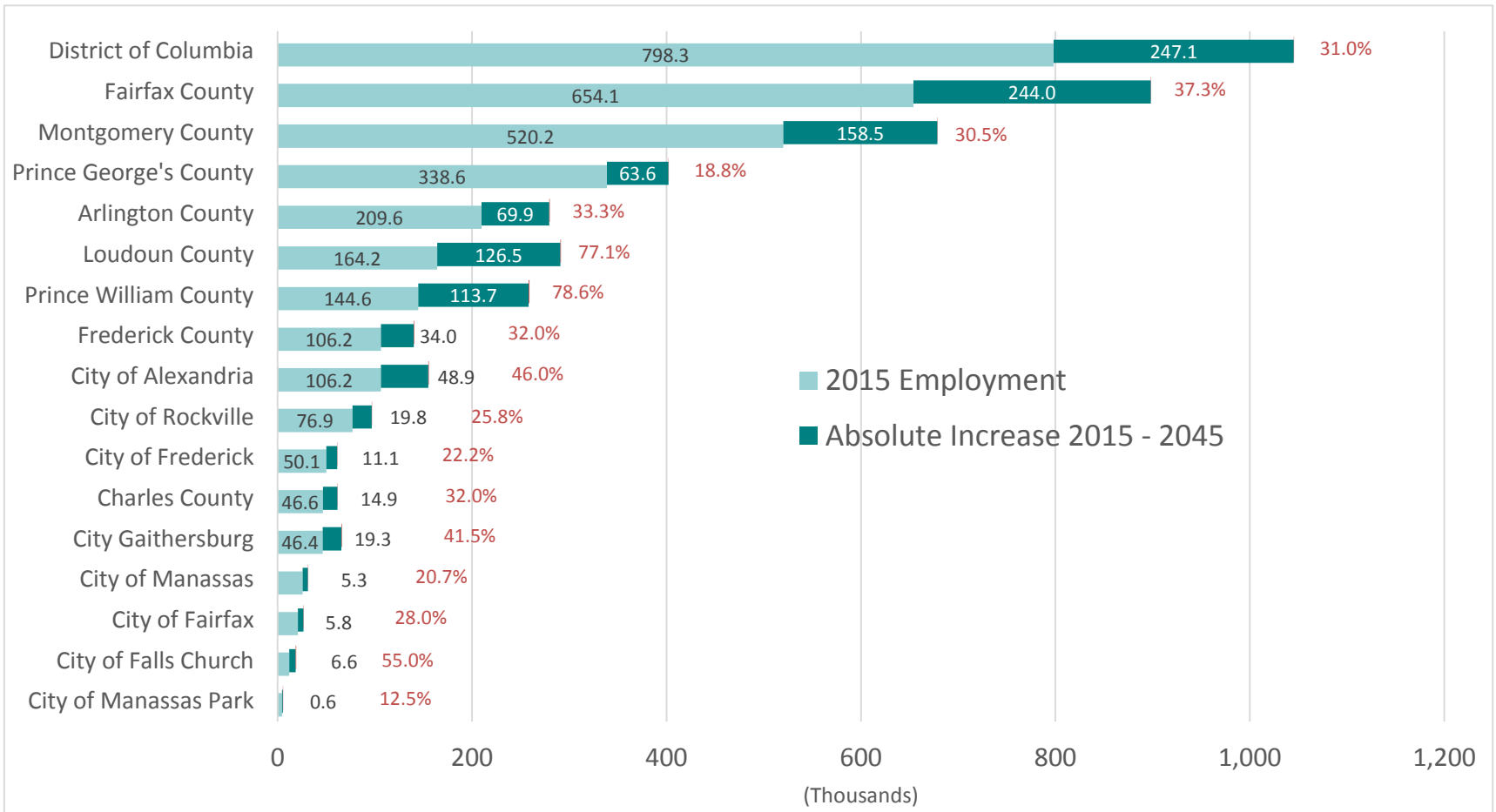
	2015	2045	2015 to 2045	
			Number	Percent
Employment	3,151.7	4,295.2	1,140	36%
Population	5,372.0	6,876.0	1,504	28%
Households	2,009.3	2,651.3	642	32%

Change in 2040 Forecast from Round 8.4

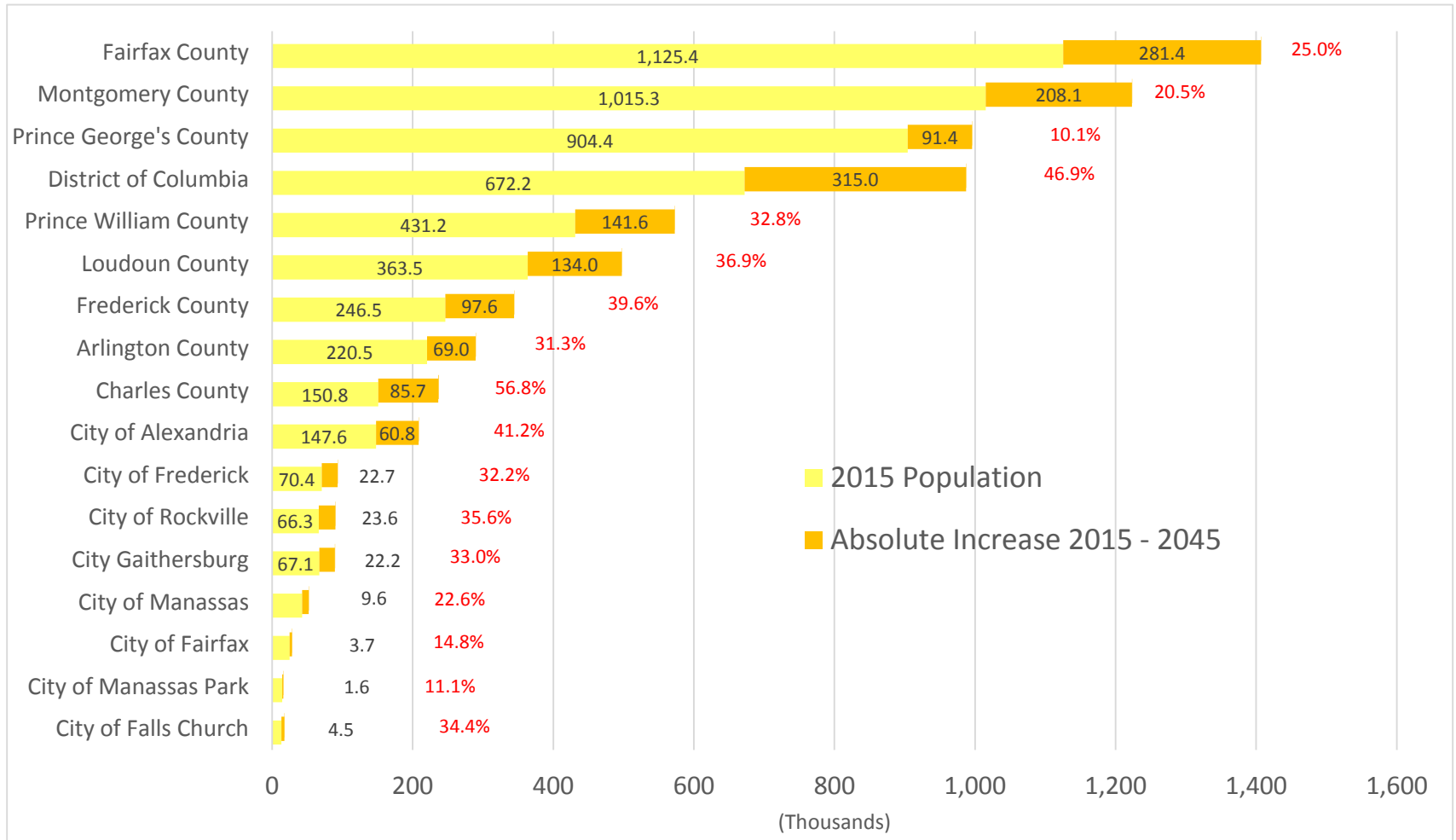
COG / TPB Planning Area (Thousands)

	Round 8.4	Round 9.0	Number	Percent
Employment	4,370.8	4,125.0	-246	-6%
Population	6,619.2	6,665.3	46	1%
Households	2,546.6	2,557.9	11	1%

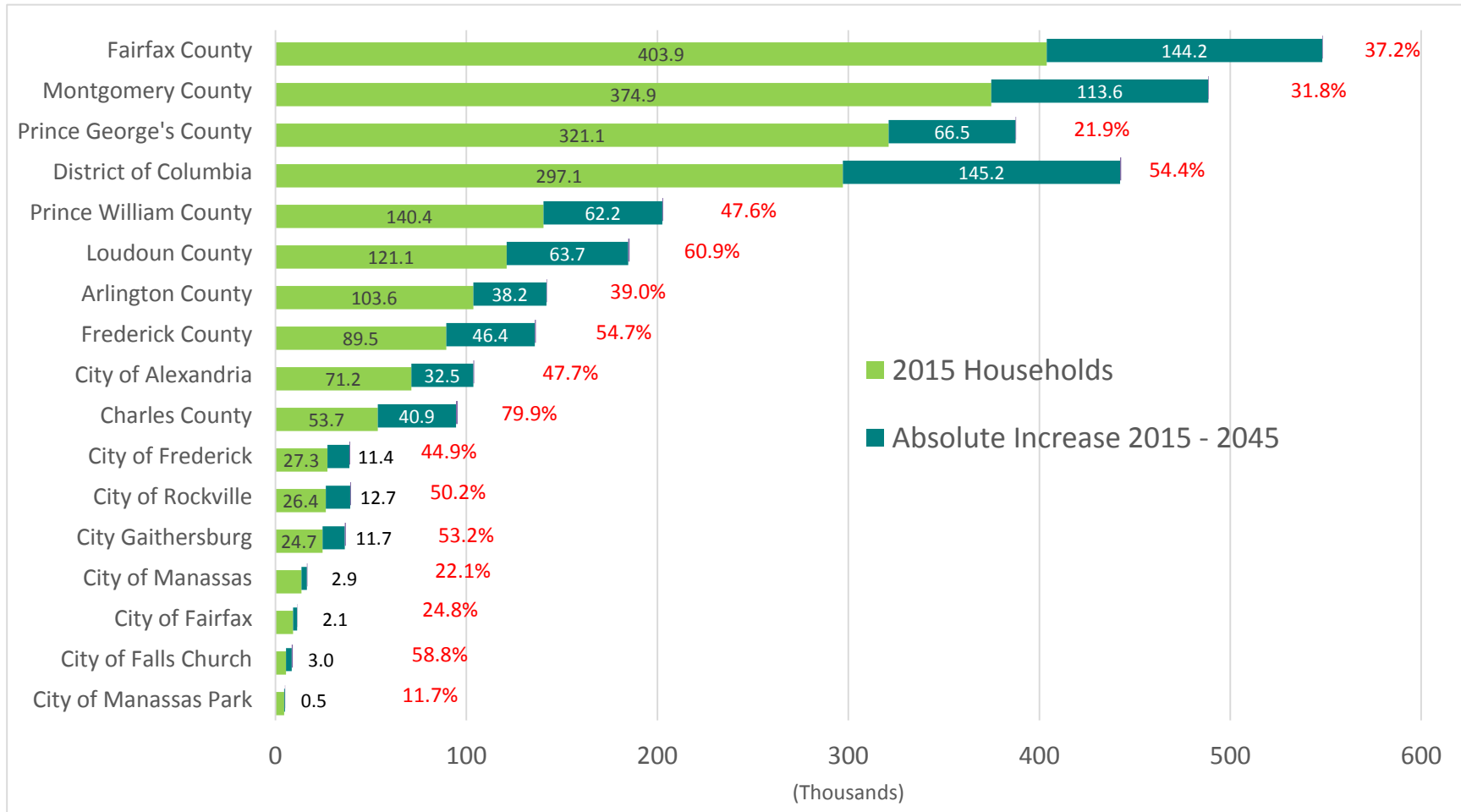
Employment 2015 - 2045



Population 2015 - 2045



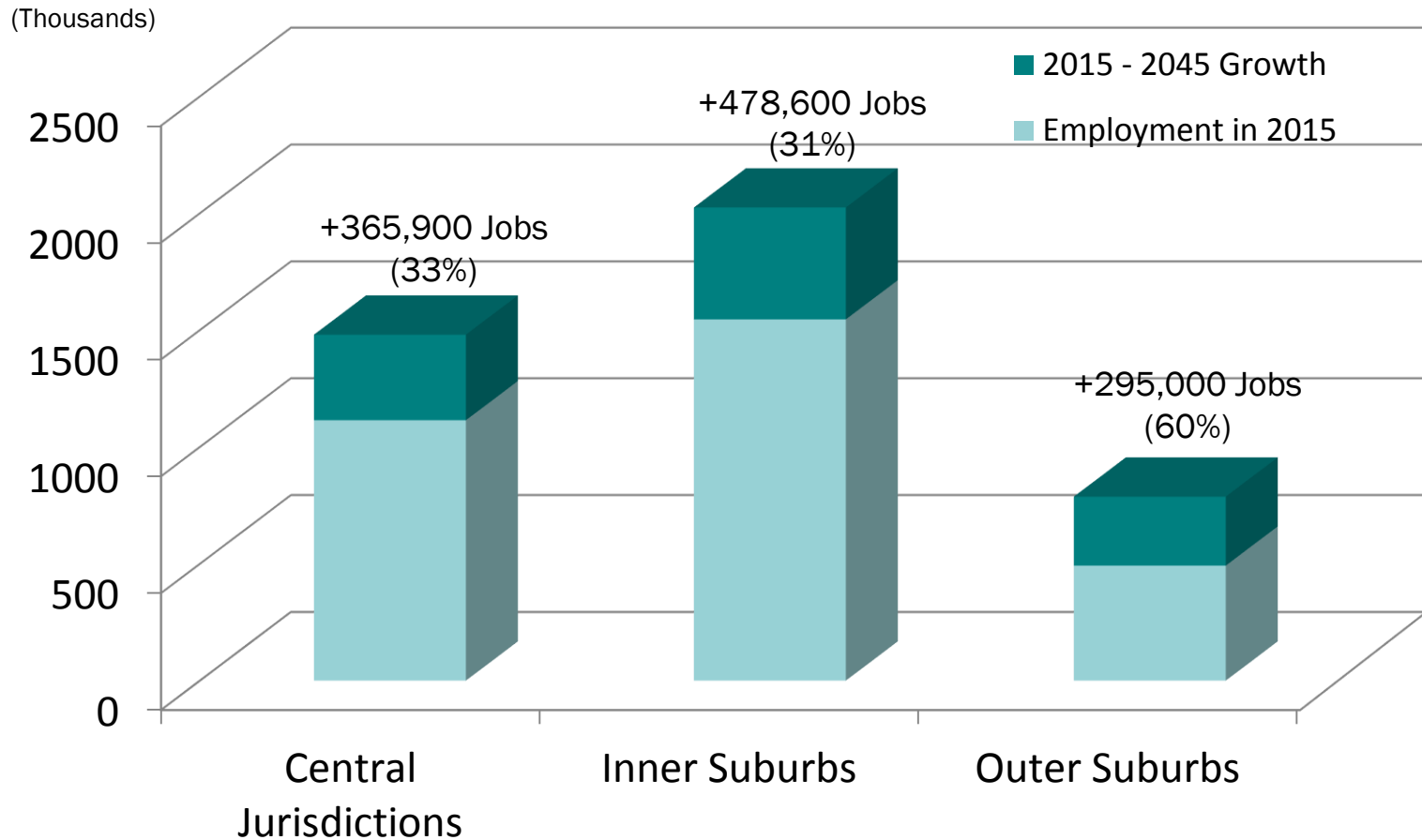
Households 2015 - 2045



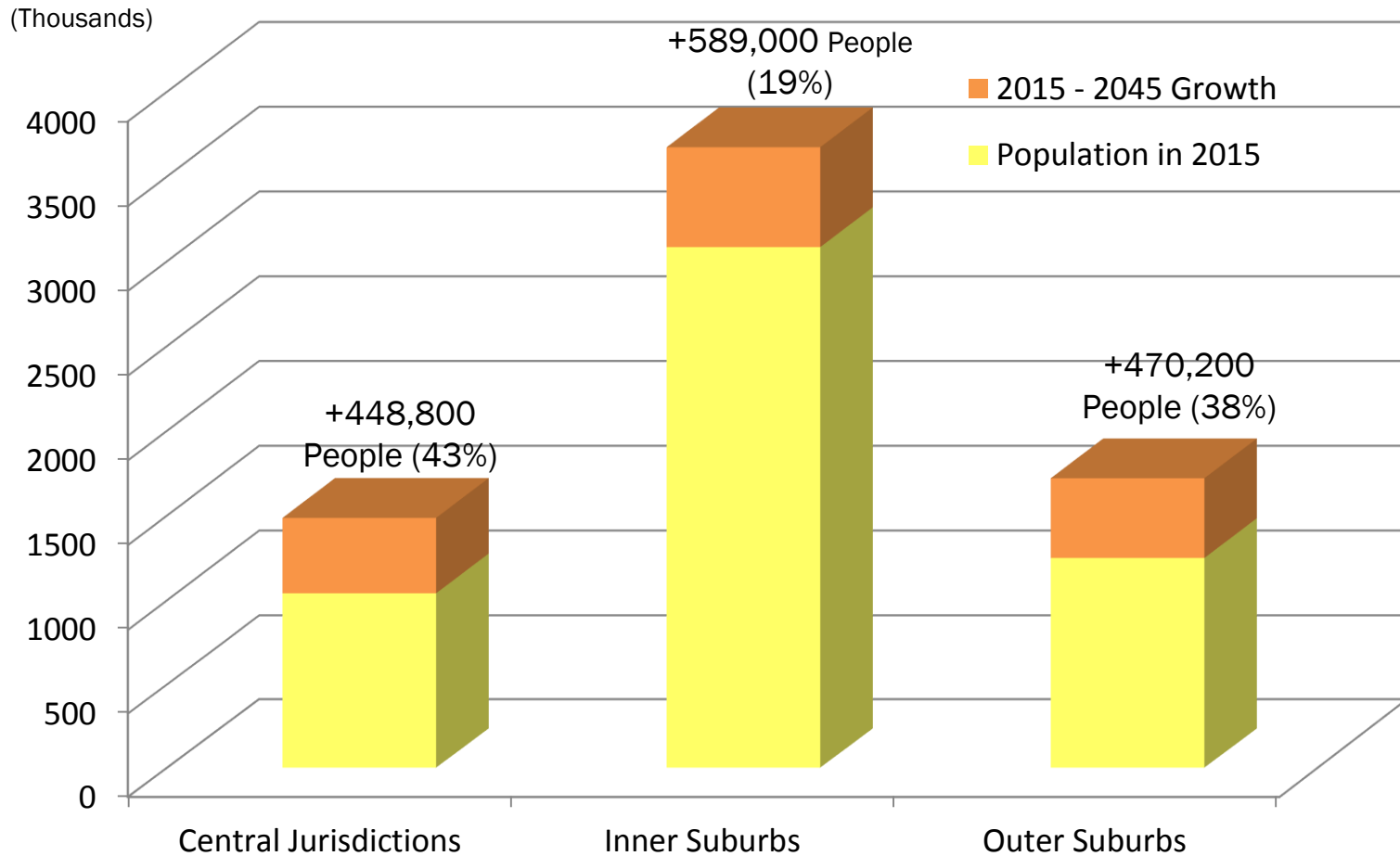
Forecasts for Jurisdictions in COG / TPB Planning Area Grouped Geographically for Analysis Purposes

Central Jurisdictions	Inner Suburbs	Outer Suburbs
<ul style="list-style-type: none"> • District of Columbia • Arlington • Alexandria 	<ul style="list-style-type: none"> • Montgomery • Prince George's • Fairfax County • Fairfax • Falls Church 	<ul style="list-style-type: none"> • Loudoun • Prince William • Manassas • Manassas Park • Charles • Frederick County MD

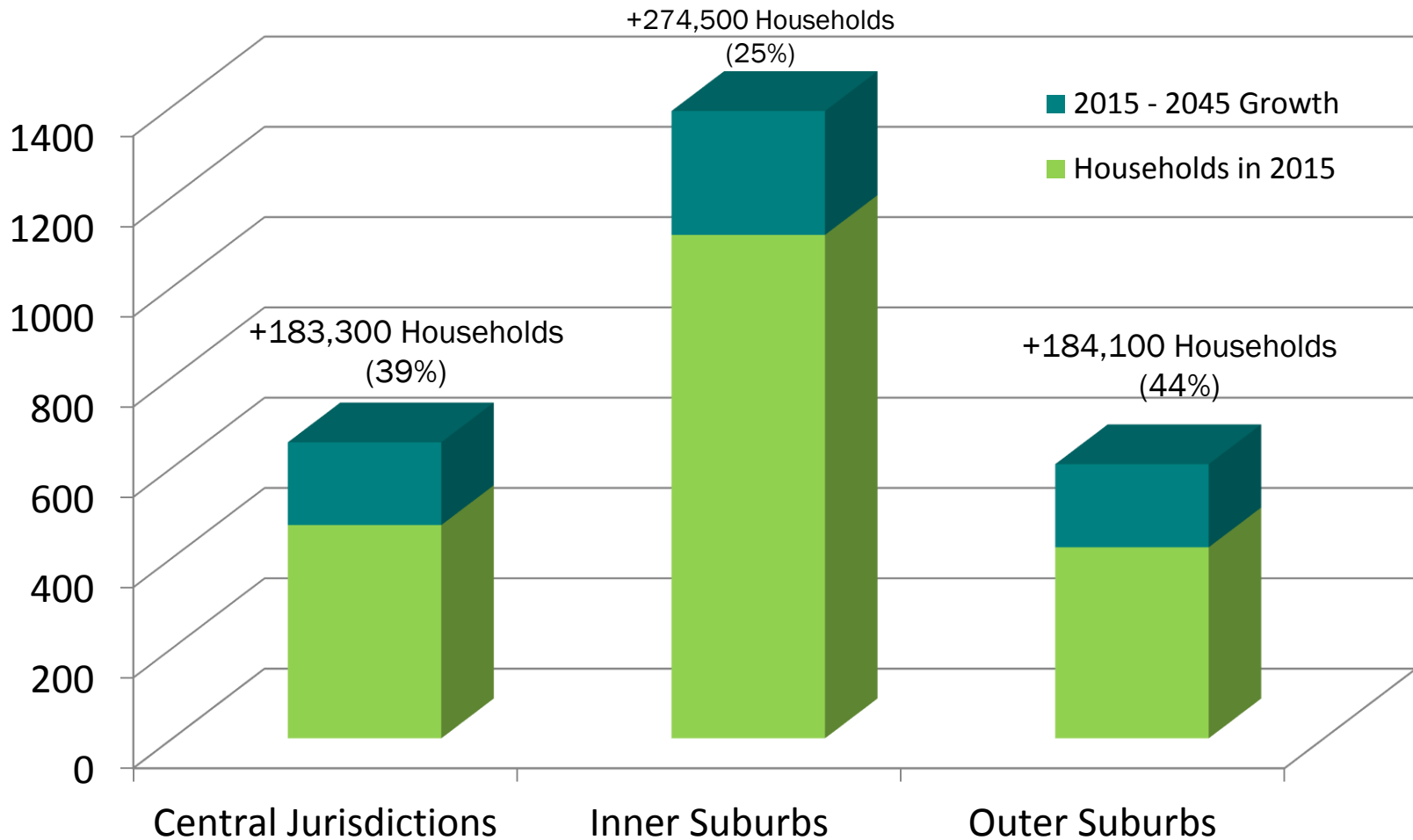
Forecast Employment Growth, 2015 - 2045



Forecast Population Growth, 2015 - 2045



Forecast Household Growth, 2015 - 2045



About COG

- COG Board approved “Draft Round 9.0” for use in the Air Quality Conformity Analysis of the 2016 Update to the Financially Constrained Long-Range Transportation Plan (CLRP) and the FY 2017-2022 Transportation Improvement Program (TIP) on March 9
- Local jurisdictions submitted Round 9.0 forecasts by Transportation Analysis Zone (TAZ)
- Final approval and adoption by the COG Board in November 2016

Greg Goodwin

COG Community Planning and Services

(202) 962-3274

ggoodwin@mwkog.org

mwkog.org

777 North Capitol Street NE, Suite 300

Washington, DC 20002



Metropolitan Washington
Council of Governments