

Round 9.1 Cooperative Forecasts of Future Growth

Planning Directors Technical Advisory Committee

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Metropolitan Washington Council of Governments



Metropolitan Washington
Council of Governments

Cooperative Forecasting Process

Regional Econometric Model Projections

- Employment
- Population
- Households



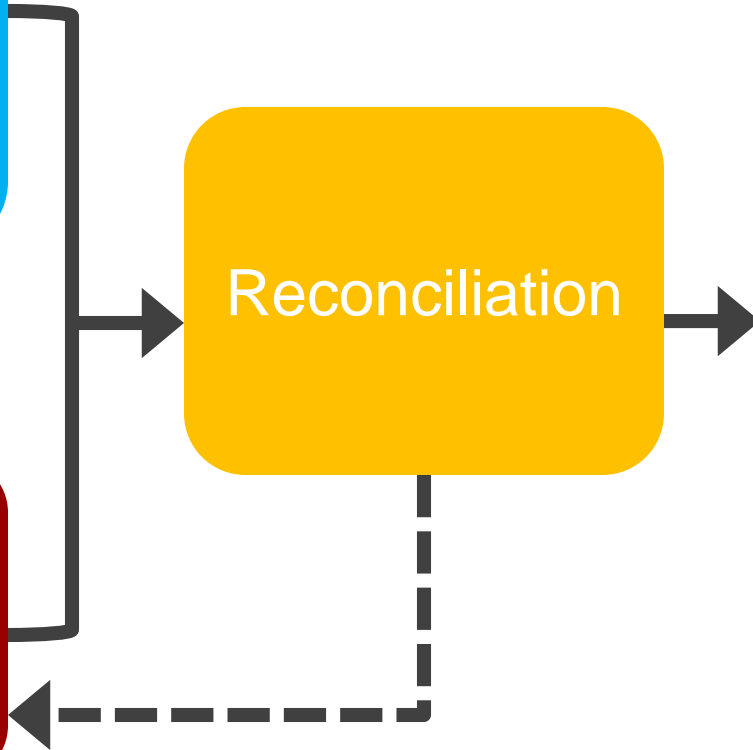
Local Forecasts

Short Term – Permits

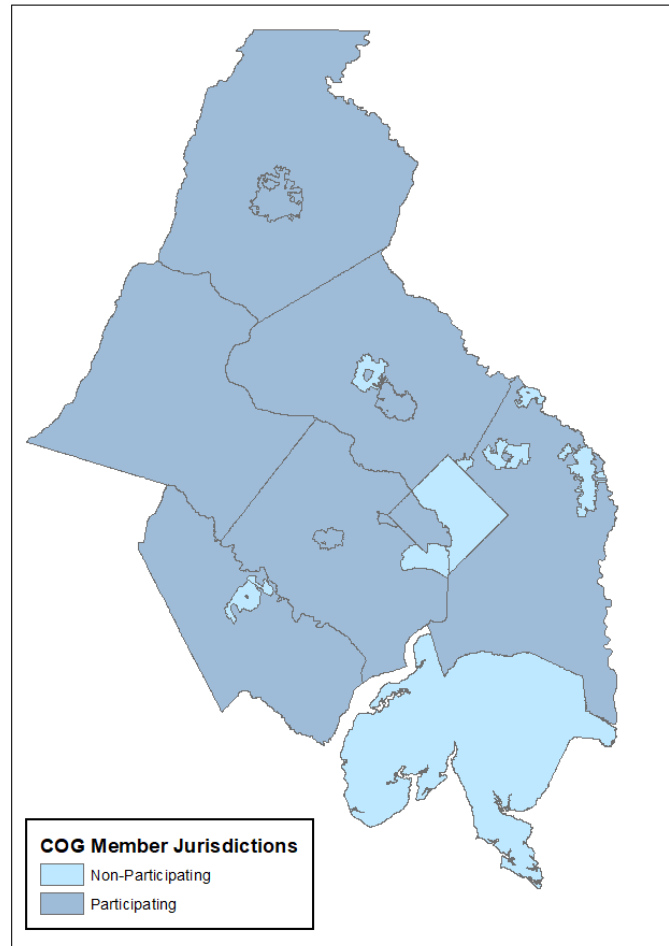
Long Term – Comprehensive Plans

Reconciliation

Regional
Forecast
Jurisdictional
Small Area (TAZ)



Round 9.1 Cooperative Forecasts Member Participation



Round 9.1 Econometric Model Results

28-Nov-17

(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 9.1 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	3,155.3	3,357.4	3,571.4	3,770.9	3,944.3	4,114.2	4,271.8
TOTAL POPULATION	5,387.4	5,691.4	5,976.3	6,249.1	6,497.4	6,712.3	6,925.8
TOTAL HOUSEHOLDS	2,010.8	2,132.4	2,254.0	2,374.4	2,477.0	2,565.3	2,660.1

COG / TPB Planning Area Absolute and Percentage Difference between Draft Round 9.1 and the Round 9.0 Econometric Model (Draft Round 9.1 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	9.1 0.3%	-33.4 -1.0%	28.4 0.8%	81.1 2.2%	97.6 2.5%	95.8 2.4%	105.8 2.5%
TOTAL POPULATION	-99.2 -1.8%	-102.1 -1.8%	-67.3 -1.1%	-25.2 -0.4%	8.8 0.1%	25.6 0.4%	37.4 0.5%
TOTAL HOUSEHOLDS	1.5 0.1%	-13.8 -0.6%	-22.1 -1.0%	-25.9 -1.1%	-42.7 -1.7%	-77.4 -2.9%	-115.3 -4.2%

Summary of Round 9.1 Cooperative Forecasts

COG / TPB Planning Area

(Thousands)

	<u>2015</u>	<u>2045</u>	2015 to 2045	
			<u>Number</u>	<u>Percent</u>
Employment	3,155.3	4,271.8	1,116.6	35.4%
Population	5,387.4	6,925.8	1,538.4	28.6%
Households	2,010.8	2,660.1	649.3	32.3%

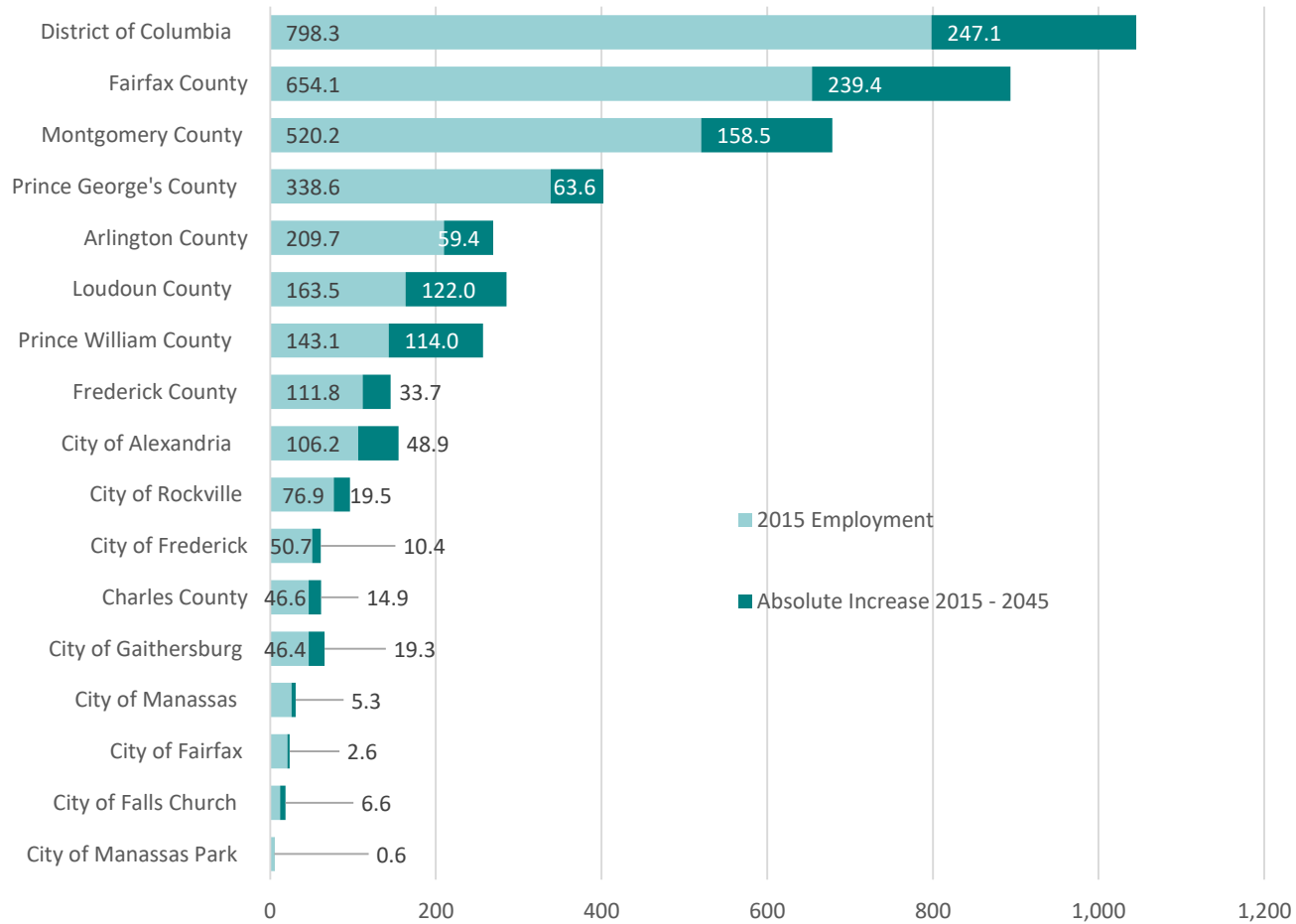
Change in 2045 Forecast from Round 9.0

COG / TPB Planning Area

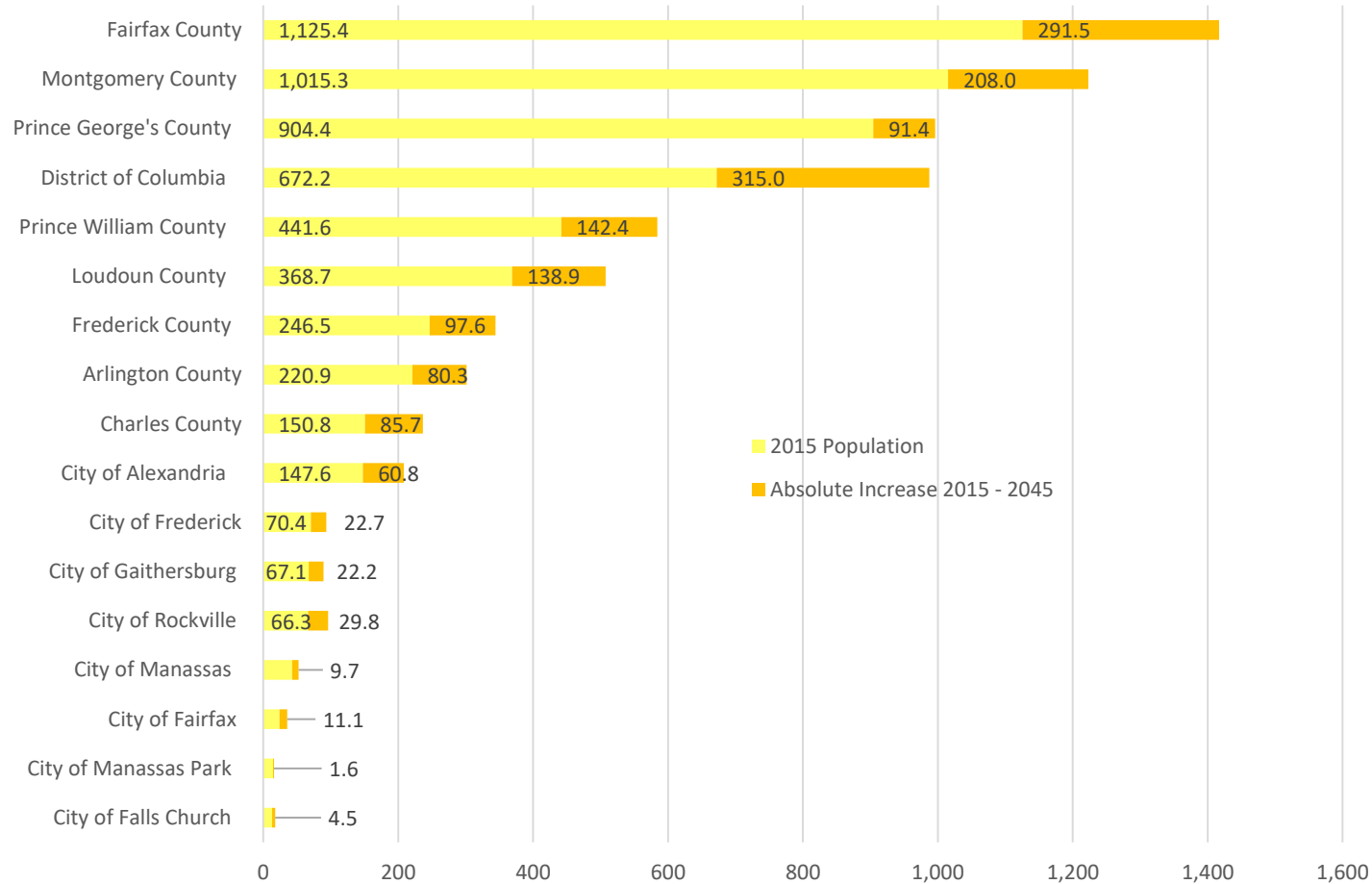
(Thousands)

	Round 9.0	Round 9.1	Number	Percent
Employment	4,291.2	4,271.8	-19.3	-0.5%
Population	6,876.0	6,925.8	49.8	0.7%
Households	2,651.3	2,660.1	8.8	0.3%

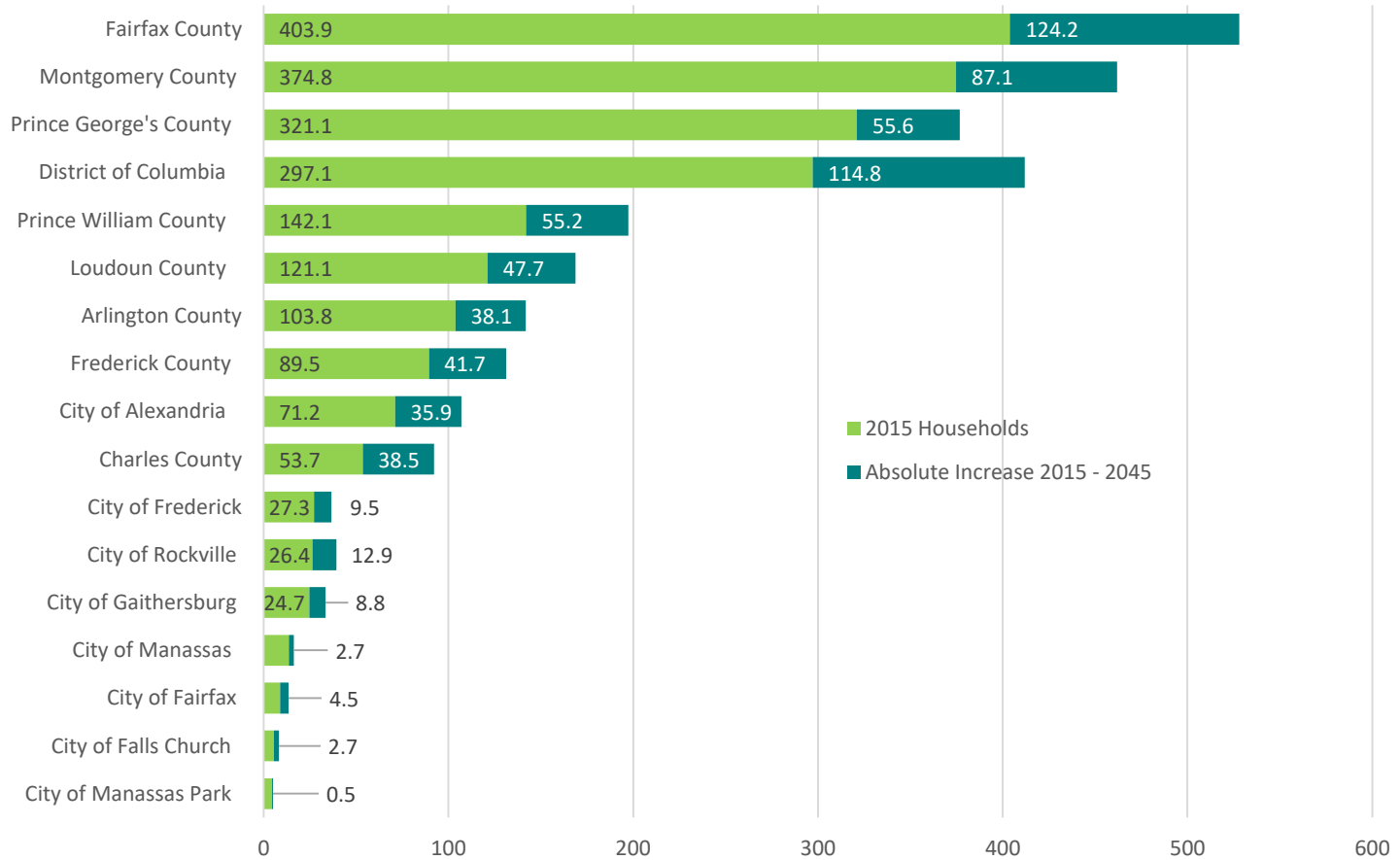
Employment 2015 - 2045



Population 2015 - 2045



Households 2015 - 2045

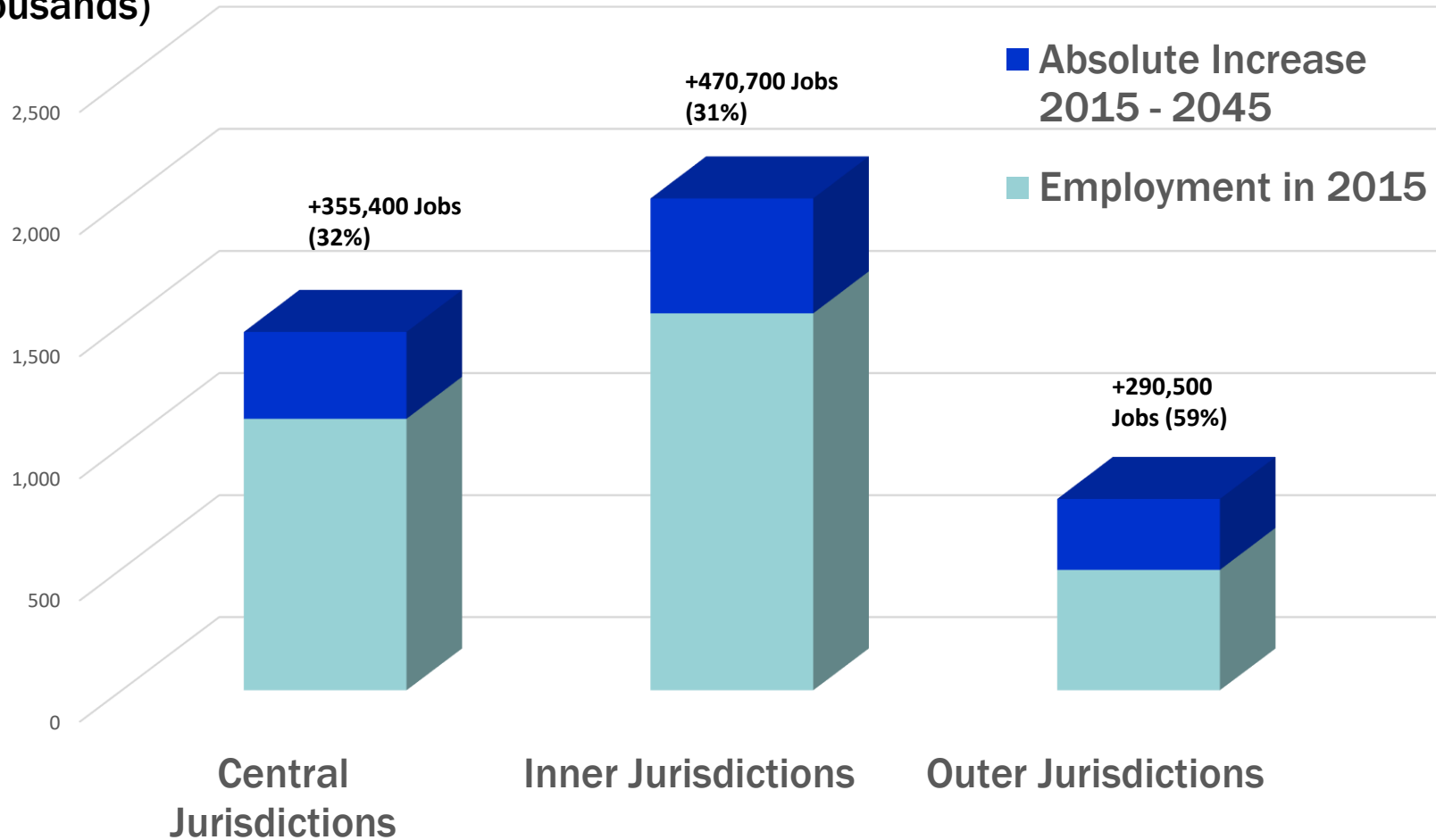


Forecasts for Jurisdictions in COG / TPB Planning Area Have Been Grouped Geographically for Analysis Purposes

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 (city)• Falls Church	<ul style="list-style-type: none">• Loudoun• Prince William• Manassas• Manassas Park• Charles• Frederick County (MD)

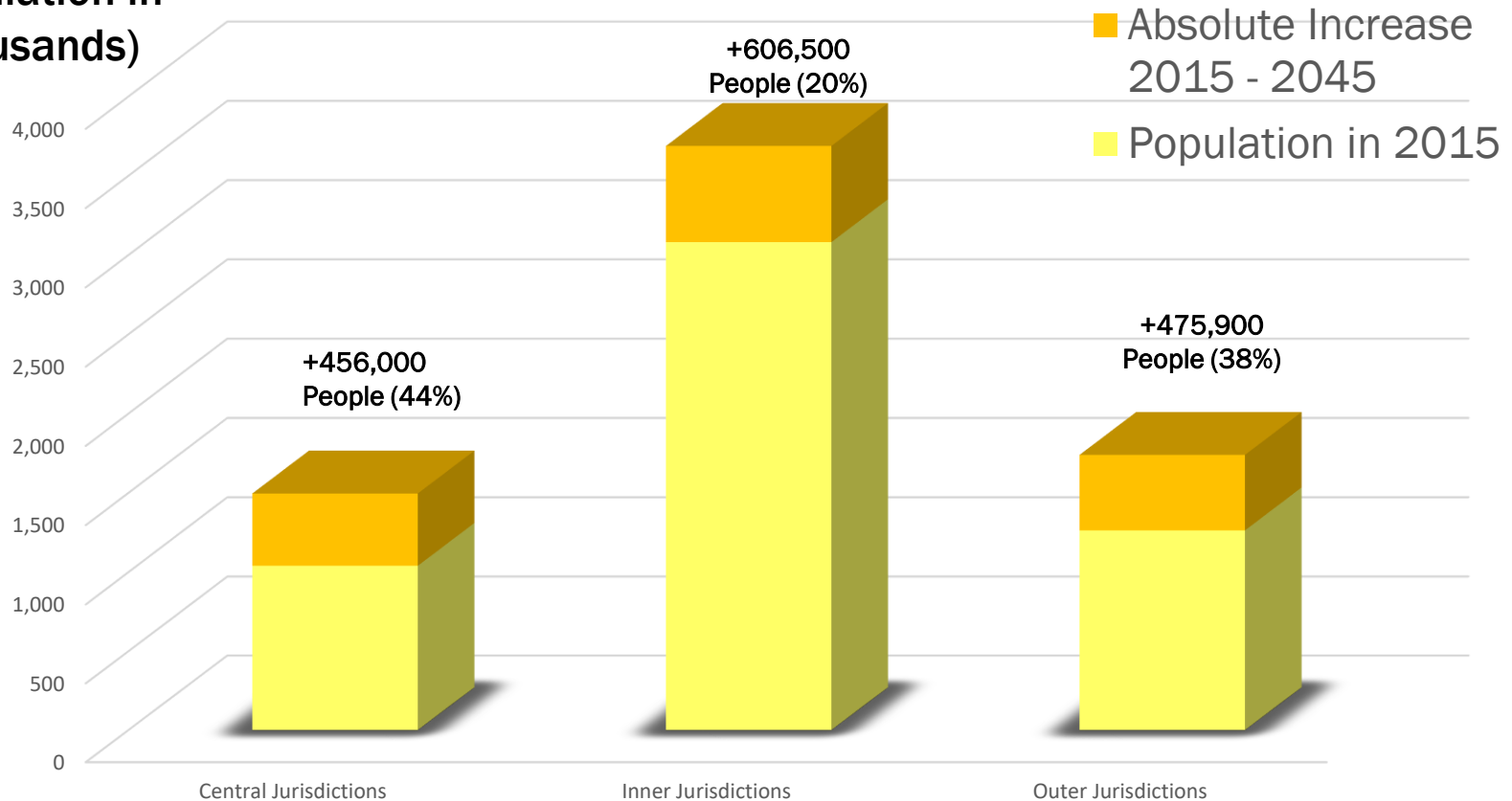
Forecast Employment Growth (2015 - 2045)

(Employment in Thousands)



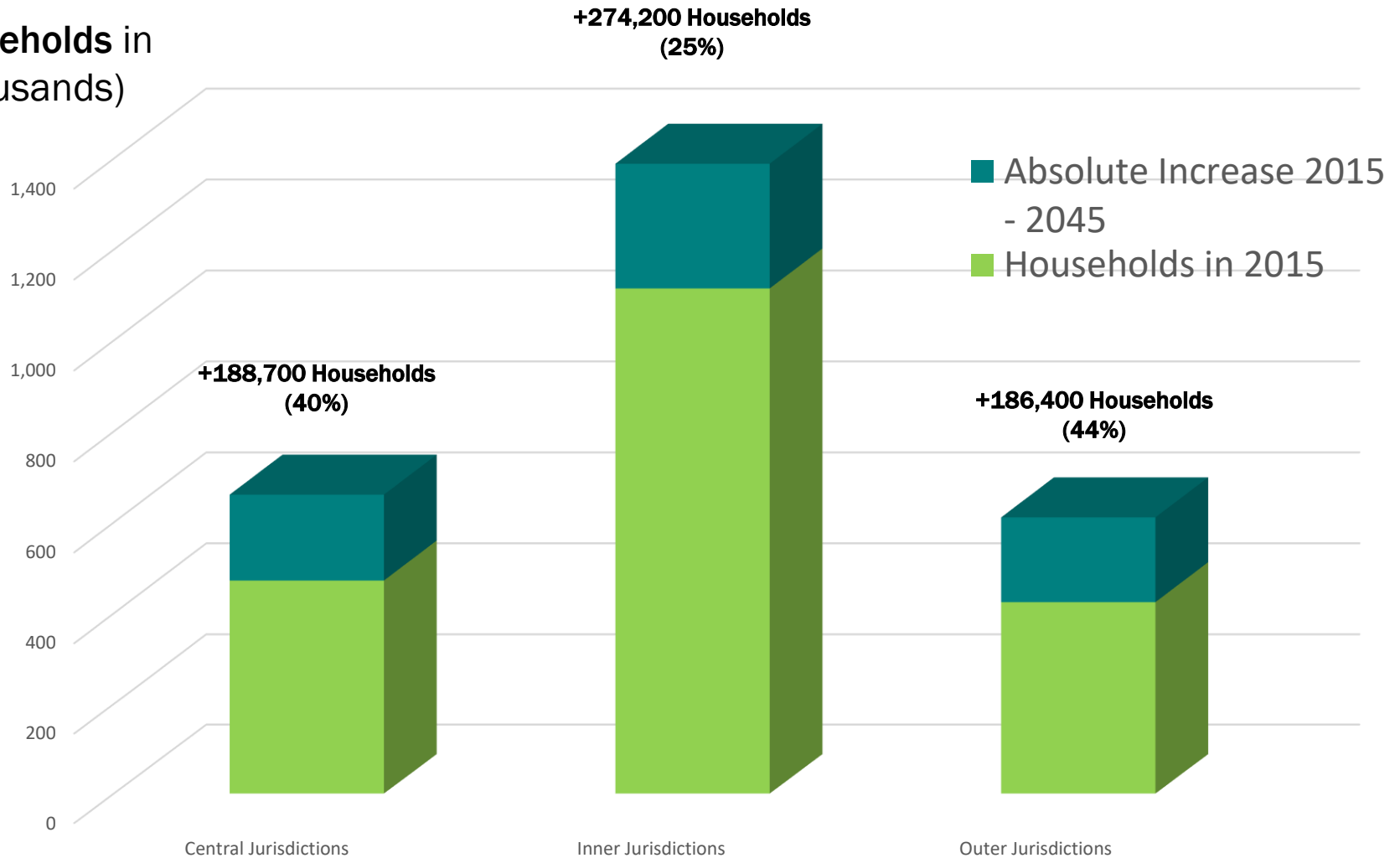
Forecast Population Growth (2015 - 2045)

(Population in Thousands)



Forecast Household Growth (2015 - 2045)

(Households in Thousands)



Next Steps

- **Local jurisdictions submit Round 9.1 forecasts by Transportation Analysis Zone (TAZ) – by January 12, 2018**
- **COG Board will approve “Draft Round 9.1” for use in the Air Quality Conformity Analysis For Visualize 2045 and the FY 2019 – 2024 TIP – January 10, 2018**
- **Final approval and adoption by the COG Board – October/November 2018**

Questions . . .