STATUS AND SCHEDULE FOR ROUND 10.1 COOPERATIVE FORECASTS

Greg Goodwin
Principal Planner

Cooperative Forecasting and Data Subcommittee
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Metropolitan Washington
Council of Governments

Cooperative Forecasting Program

- Established by COG's Planning Directors in 1975
- Enables local, regional, and federal agencies to coordinate planning decisions using common assumptions about future growth
- Each series or "Round" provides forecasts of employment, population, and households by five-year increment for a period of 20 to 30 years.
- The official land use inputs into the National Capital Region Transportation Planning Board's (TPB) transportation modeling activities

Prior Rounds of Cooperative Forecasts

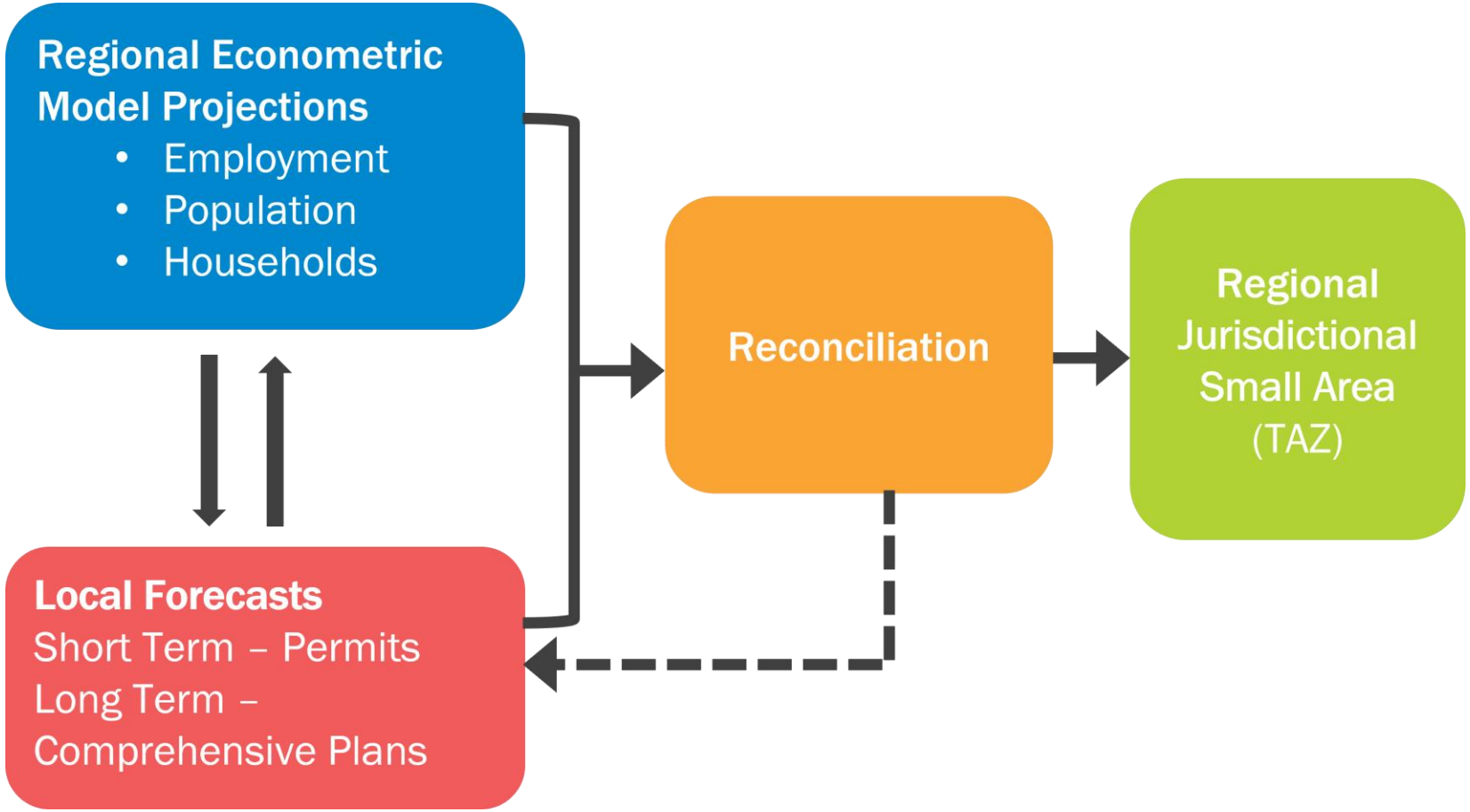
Round 1 – 1976
Round 2 – 1979
Round 3 – 1983
Round 3.5 – 1985
Round IV – 1987
Round IV-1 – 1991
Round V – January 1994
Round 5.1 – May 1994
Round 5.2 – 1995
Round 5.3 – 1996
Round 5.4 – 1997
Round 6a – 1998
Round 6.1 – 1999
Round 6.2 – 2000
Round 6.3 – 2003
Round 6.4A - 2004

Round 7.0 – 2005
Round 7.0a – 2006
Round 7.1 – 2008
Round 7.2 – July 2009
Round 7.2A – October 2009
Round 8.0 - 2010
Round 8.0a – 2011
Round 8.1 – 2012
Round 8.2 – 2013
Round 8.3 – 2014
Round 8.4 – 2015
Round 9.0 – 2016
Round 9.1 – 2018
Round 9.1a – 2019
Round 9.2 – 2021
Round 10.0 – 2023

Future Round

Round 10.1 – 2025

COG Cooperative Forecasting Process



Proposed Round 10.1 Cooperative Forecasts

- Round 10.1 is the first opportunity to update the Cooperative Forecast.
- Not mandatory like a major Round (Round 9.0, Round 10.0, etc.).
- Update to adjust short-term forecasts (2025 and 2030) based on current economic and population outlook.
- TAZ level checks for “reasonableness” - First check will be with Round 10.0 TAZ level data.
- TAZ checks for average household size greater than 5.0.
- TAZ checks for households without household population.
- Sum of final TAZ level data match final jurisdictional totals. (Before Round advances to the COG Board for action)

Progress so far …. as of February 10, 2025

- City of Alexandria (1/17/2025) Submitted revised Jurisdictional Totals and revised TAZ level data
- Montgomery County (1/17/2025) Jurisdictional Totals are not expected to change and TAZ level data will be revised
- City of Rockville (2/4/2025) Submitted Revised Jurisdictional Totals and TAZ level data will be revised
- Prince George's County (12/11/24) Submitted revised Jurisdictional and revised TAZ level data
- Arlington County (12/03/24) Submitted revised Jurisdictional and revised TAZ level data
- Fairfax County Population and Household Forecasts only – (12/31/2024) Submitted revised Jurisdictional Totals and revised TAZ level data
- Loudoun County (12/20/24) Submitted Revised Jurisdictional Totals and TAZ level data will be revised
- Prince William County (12/16/2024) Jurisdictional Totals are not expected to change and TAZ level data will be revised

Summary of Final Round 10.0 Cooperative Forecasts

COG Region
(Millions)

	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Number	2020 to 2050 %
Employment	3.1	3.3	3.5	3.7	3.8	4.0	4.1	1.0	31%
Population	5.7	5.9	6.2	6.5	6.7	6.9	7.1	1.4	25%
Households	2.1	2.2	2.3	2.5	2.6	2.7	2.8	0.7	32%

Summary of Draft Round 10.1 Cooperative Forecasts

COG Region
(Millions)

	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Number	2020 to 2050 %
Employment	3.1	3.3	3.5	3.7	3.8	4.0	4.1	1.0	31%
Population	5.7	5.9	6.2	6.4	6.7	6.9	7.1	1.4	25%
Households	2.1	2.2	2.3	2.5	2.6	2.7	2.8	0.7	32%

Change in Forecasts from 10.0 Forecasts

COG Region
(Thousands)

	2020	2025	2030	2035	2040	2045	2050
Employment	0.0	8.8	19.3	11.4	14.3	12.4	6.4
Population	0.0	-8.9	-23.1	-19.2	-21.8	-18.2	-13.7
Households	-0.1	-2.7	-6.4	-3.6	-2.0	3.1	7.6

Change in 2050 Forecast from 10.0 Forecasts

COG Region
(Thousands)

	Round 10.0	Round 10.1	Number	Percent
Employment	4,156.6	4,163.0	6.4	0.2%
Population	7,181.1	7,167.4	-13.7	-0.2%
Households	2,803.8	2,811.4	7.6	0.8%

Round 10.0 Cooperative Forecasts vs. Round 10.0 Econometric Model

8-Mar-25

(June 2022) ROUND 10.0 ECONOMETRIC MODEL RESULTS (thousands) - COG Region

	2020	2025	2030	2035	2040	2045	2050	Change	% Change
TOTAL EMPLOYMENT	3,132.3	3,372.9	3,525.9	3,633.4	3,733.9	3,807.8	3,894.0	**761.7**	**24.3%**
TOTAL POPULATION	5,701.5	5,767.8	6,000.1	6,241.7	6,448.9	6,636.7	6,809.5	**1,108.0**	**19.4%**
TOTAL HOUSEHOLDS	2,121.3	2,209.5	2,331.6	2,462.7	2,588.2	2,708.5	2,825.6	**704.3**	**33.2%**

ROUND 10.0 COOPERATIVE FORECASTS (thousands) - COG Region

	2020	2025	2030	2035	2040	2045	2050	Change	% Change
TOTAL EMPLOYMENT	3,169.2	3,356.9	3,549.9	3,737.3	3,881.7	4,024.5	4,156.6	**987.4**	**31.2%**
TOTAL POPULATION	5,731.2	5,954.2	6,247.2	6,507.8	6,749.8	6,974.5	7,181.1	**1,449.9**	**25.3%**
TOTAL HOUSEHOLDS	2,127.5	2,254.5	2,389.0	2,508.1	2,617.2	2,716.3	2,803.8	**676.3**	**31.8%**

COG Region Absolute and Percentage Difference between the Final Round 10.0 Cooperative Forecasts and the Round 10.0 Econometric Model (Round 10.0 Forecasts - Round 10.0 Model)

	2020	2025	2030	2035	2040	2045	2050
TOTAL EMPLOYMENT	36.9	-16.0	24.0	103.9	147.8	216.7	262.6
	1.2%	*-0.5%*	*0.7%*	*2.8%*	*3.8%*	*5.4%*	*6.3%*
TOTAL POPULATION	29.7	186.4	247.1	266.1	300.9	337.8	371.6
	0.5%	*3.1%*	*4.0%*	*4.1%*	*4.5%*	*4.8%*	*5.2%*
TOTAL HOUSEHOLDS	6.2	45.0	57.4	45.4	29.0	7.8	-21.8
	0.3%	*2.0%*	*2.4%*	*1.8%*	*1.1%*	*0.3%*	*-0.8%*

Draft Round 10.1 Cooperative Forecasts and Round 10.0 Econometric Model

8-Mar-25

(June 2022) ROUND 10.0 ECONOMETRIC MODEL RESULTS (thousands) - COG Region

	2020	2025	2030	2035	2040	2045	2050	Change	% Change
TOTAL EMPLOYMENT	3,132.3	3,372.9	3,525.9	3,633.4	3,733.9	3,807.8	3,894.0	**761.7**	**24.3%**
TOTAL POPULATION	5,701.5	5,767.8	6,000.1	6,241.7	6,448.9	6,636.7	6,809.5	**1,108.0**	**19.4%**
TOTAL HOUSEHOLDS	2,121.3	2,209.5	2,331.6	2,462.7	2,588.2	2,708.5	2,825.6	**704.3**	**33.2%**

DRAFT ROUND 10.1 COOPERATIVE FORECASTS (thousands) - COG Region

	2020	2025	2030	2035	2040	2045	2050	Change	% Change
TOTAL EMPLOYMENT	3,169.2	3,365.7	3,569.2	3,748.7	3,896.1	4,037.0	4,163.0	**993.7**	**31.4%**
TOTAL POPULATION	5,731.2	5,945.3	6,224.1	6,488.6	6,727.9	6,956.3	7,167.4	**1,436.1**	**25.1%**
TOTAL HOUSEHOLDS	2,127.4	2,251.8	2,382.6	2,504.4	2,615.1	2,719.4	2,811.4	**684.0**	**32.1%**

COG Region Absolute and Percentage Difference between the Draft Round 10.1 Cooperative Forecasts and the Round 10.0 Econometric Model (Round 10.1 Forecasts - Round 10.0 Model)

	2020	2025	2030	2035	2040	2045	2050
TOTAL EMPLOYMENT	36.9	-7.2	43.3	115.3	162.2	229.2	269.0
	1.2%	*-0.2%*	*1.2%*	*3.1%*	*4.2%*	*5.7%*	*6.5%*
TOTAL POPULATION	29.7	177.5	224.0	246.9	279.0	319.6	357.9
	0.5%	*3.0%*	*3.6%*	*3.8%*	*4.1%*	*4.6%*	*5.0%*
TOTAL HOUSEHOLDS	6.1	42.3	51.0	41.7	26.9	10.9	-14.2
	0.3%	*1.9%*	*2.1%*	*1.7%*	*1.0%*	*0.4%*	*-0.5%*

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S&P Global Market Data

- February 2025 Forecasts – Just Released – March 3, 2025
  - State Analysis: County Data: County Data – District of Columbia
  - State Analysis: County Data: County Data – Maryland
  - State Analysis: County Data: County Data - Virginia
- Next Releases Planned for July (June 2025 Forecasts) and November (October 2025 Forecast)

Comparison Between February 2025 Forecasts and June 2022 Forecasts for the COG Region

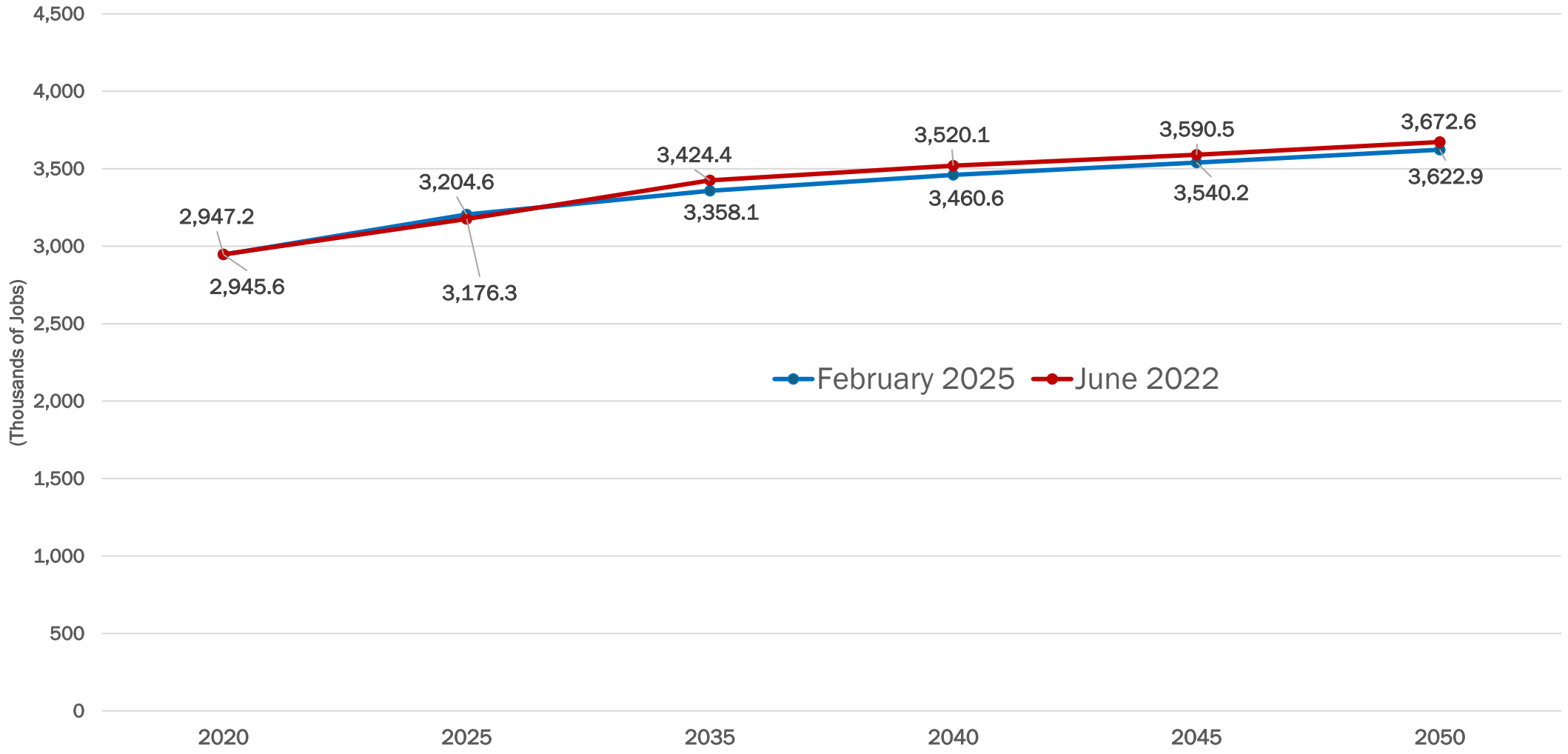
February 2025 - S & P Forecasts

	2020	2025	2030	2035	2040	2045	2050	2020 - 2050 Growth	% Growth
Employment, Total Nonfarm (Thous.)	2,945.6	3,204.6	3,270.6	3,358.1	3,460.6	3,540.2	3,622.9	677.3	23.0%
Population (Thous.)	5,691.4	5,849.6	5,951.0	6,101.6	6,229.1	6,336.0	6,424.9	733.5	12.9%
Heads of Households (Thous.)	2,129.8	2,276.4	2,357.9	2,451.8	2,524.6	2,583.8	2,634.2	504.4	23.7%

June 2022 - S & P Forecasts

	2020	2025	2030	2035	2040	2045	2050	2020 - 2050 Growth	% Growth
Employment, Total Nonfarm (Thous.)	2,947.2	3,176.3	3,322.1	3,424.4	3,520.1	3,590.5	3,672.6	725.5	24.6%
Population (Thous.)	5,701.5	5,767.8	6,000.1	6,241.7	6,448.9	6,636.7	6,809.5	1,107.9	19.4%
Heads of Households (Thous.)	2,121.3	2,209.5	2,331.6	2,462.7	2,588.2	2,708.5	2,825.6	704.3	33.2%

S&P - Employment Forecast



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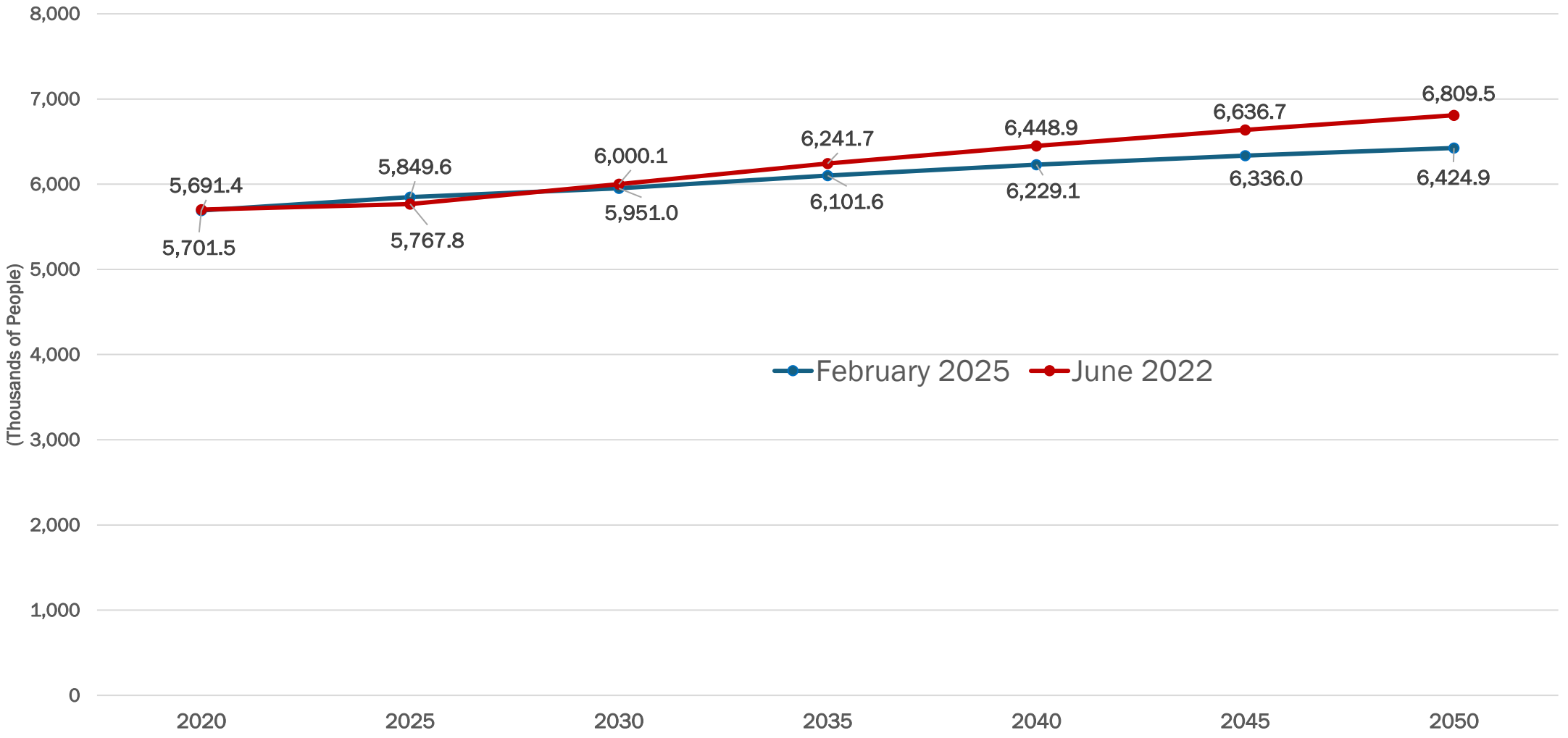
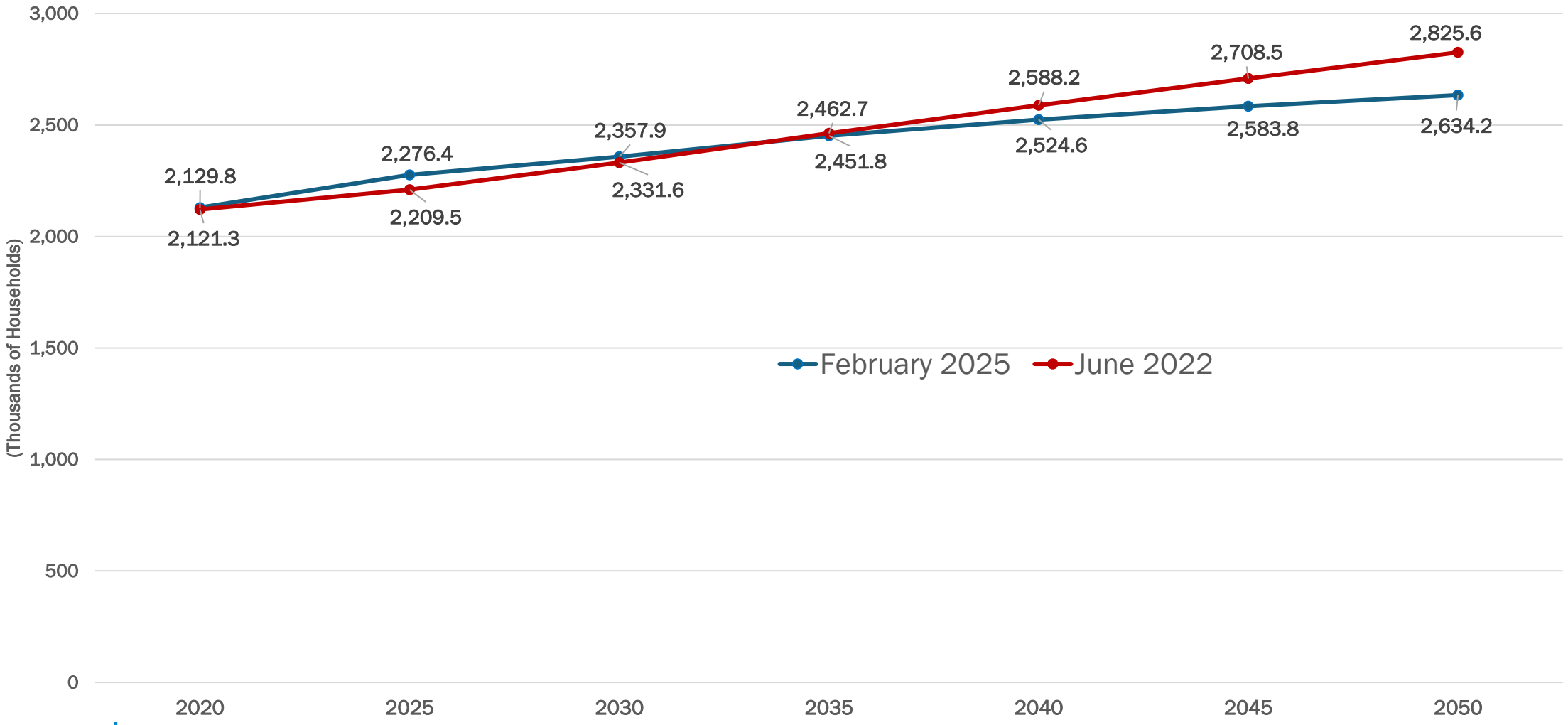
S&P - Population Forecast



S&P - Households Forecast



S&P - Households Forecast

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Difference Between Forecasts

	2020	2025	2030	2035	2040	2045	2050	2020 - 2050 Growth
Employment, Total Nonfarm (Thous.)	-1.6	28.3	-51.4	-66.3	-59.5	-50.3	-49.7	-48.2
Population (Thous.)	-10.2	81.8	-49.1	-140.1	-219.8	-300.7	-384.6	-374.4
Heads of Households (Thous.)	8.5	66.9	26.3	-10.9	-63.7	-124.6	-191.4	-199.9

Next Steps and Schedule

- February/March 2025 – COG staff reviews proposed Round 10.1 updates and shares with Cooperative Forecasting and Planning Directors committees.
- April 2025 – Local governments transmit updated TAZ forecasts (Early April)
- April/May 2025 - Planning Directors Technical Advisory Committee/Cooperative Forecasting and Data Subcommittee review and approves Round 10.1 Jurisdictional Totals
- June 2025 – COG Board adopts Round 10.1

Greg Goodwin

ggoodwin@mwcog.org
202.962.3274

mwcog.org

777 North Capitol Street NE, Suite 300
Washington, DC 20002

Metropolitan Washington
Council of Governments