

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION
BALTIMORE REGIONAL TRANSPORTATION BOARD**

RESOLUTION #23-1

**ENDORSEMENT OF ROUND 10 COOPERATIVE FORECASTING PROCESS THROUGH 2050
FOR USE IN LOCAL AND REGIONAL TRANSPORTATION AND AIR QUALITY PLANNING**

WHEREAS, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Annapolis Transit; and

WHEREAS, the Metropolitan Planning Organization has the responsibility for developing future estimates of travel demand in the Baltimore region and approving conformity analysis of the Long-Range Transportation Plan and the Transportation Improvement Program for the Baltimore region; and

WHEREAS, in connection with these responsibilities, the Baltimore Regional Transportation Board established the Cooperative Forecasting Group to develop a consensus among State, local and regional planners regarding the current estimates and long-range projections for growth and development in the Baltimore region; and

WHEREAS, the previously endorsed Round 9A forecasts have been updated to reflect the most current socioeconomic development in the Baltimore region. These forecasts which consist of data for population, households and employment for small geographic areas, called transportation analysis zones (TAZ), capture the development projected in earlier forecasts and any new development; and

WHEREAS, the Cooperative Forecasting Group has recommended to the Baltimore Regional Transportation Board a set of forecasts termed Round 10, for use in transportation and air quality planning activities; and

WHEREAS, the purpose of socioeconomic forecasting analysis is to provide inputs to decision makers to assist with determining the overall travel demand and air quality effects of growth, at the regional level, on future year highway and transit networks; and

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board endorses the Round 10 cooperative forecasting process for use in transportation and air quality planning in the Baltimore region as provided in Attachment 1.

I HEREBY CERTIFY that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the aforementioned resolution at its July 15, 2022 meeting.

7-15-22

Date



Sam Snead, Chairman
Baltimore Regional Transportation Board

**Local Jurisdiction Submissions: Round 10
Cooperative Forecasts – Population, Household and Employment Controls**

Table 1: Round 10 Population

JURISDICTION	2020	2025	2030	2035	2040	2045	2050
Anne Arundel County	592,695	621,687	646,214	664,214	677,424	687,119	694,235
Baltimore City	585,708	594,526	596,393	596,916	599,216	603,436	609,776
Baltimore County	854,523	868,112	876,726	894,541	909,000	920,275	934,521
Carroll County	172,891	176,399	179,140	181,580	183,956	186,253	188,357
Harford County	260,924	270,059	277,819	285,759	293,569	301,252	308,810
Howard County	332,317	349,697	363,987	380,016	393,641	404,607	414,820
Queen Anne's County	49,874	52,712	54,935	56,000	56,667	56,883	57,032
Baltimore Region	2,848,932	2,933,192	2,995,213	3,059,026	3,113,473	3,159,824	3,207,550

Round 10 Population Changes

JURISDICTION	Numeric Change				Percent Change			
	2020- 2030	2030- 2040	2040- 2050	2020- 2050	2020- 2030	2030- 2040	2040- 2050	2020- 2050
Anne Arundel County	53,519	31,210	16,811	101,540	9.0%	4.8%	2.5%	17.1%
Baltimore City	10,685	2,823	10,560	24,068	1.8%	0.5%	1.8%	4.1%
Baltimore County	22,203	32,275	25,520	79,998	2.6%	3.7%	2.8%	9.4%
Carroll County	6,249	4,816	4,401	15,466	3.6%	2.7%	2.4%	8.9%
Harford County	16,895	15,750	15,241	47,886	6.5%	5.7%	5.2%	18.4%
Howard County	31,670	29,654	21,179	82,503	9.5%	8.1%	5.4%	24.8%
Queen Anne's County	5,061	1,732	365	7,158	10.1%	3.2%	0.6%	14.4%
Baltimore Region	146,281	118,260	94,077	358,618	5.1%	3.9%	3.0%	12.6%

Note: Throughout, Anne Arundel County data includes the City of Annapolis

Table 2: Round 10 Households

JURISDICTION	2020	2025	2030	2035	2040	2045	2050
Anne Arundel County	219,971	228,528	236,781	244,935	251,583	256,061	260,349
Baltimore City	251,479	258,233	260,583	262,036	264,323	267,459	271,532
Baltimore County	329,955	334,975	338,408	345,501	351,261	355,753	361,428
Carroll County	63,050	64,455	65,595	66,670	67,701	68,709	69,704
Harford County	98,282	101,919	105,719	109,519	113,319	117,119	120,919
Howard County	118,781	126,599	133,334	141,148	147,881	153,953	159,721
Queen Anne's County	19,240	20,355	21,223	21,636	21,892	21,975	22,033
Baltimore Region	1,100,758	1,135,064	1,161,643	1,191,444	1,217,960	1,241,029	1,265,686

Round 10 Household Changes

JURISDICTION	Numeric Change				Percent Change			
	2020-2030	2030-2040	2040-2050	2020-2050	2020-2030	2030-2040	2040-2050	2020-2050
Anne Arundel County	16,810	14,802	8,766	40,378	7.6%	6.3%	3.5%	18.4%
Baltimore City	9,104	3,740	7,209	20,053	3.6%	1.4%	2.7%	8.0%
Baltimore County	8,453	12,853	10,167	31,473	2.6%	3.8%	2.9%	9.5%
Carroll County	2,545	2,106	2,003	6,654	4.0%	3.2%	3.0%	10.6%
Harford County	7,437	7,600	7,600	22,637	7.6%	7.2%	6.7%	23.0%
Howard County	14,553	14,547	11,840	40,940	12.3%	10.9%	8.0%	34.5%
Queen Anne's County	1,983	669	141	2,793	10.3%	3.2%	0.6%	14.5%
Baltimore Region	60,885	56,317	47,727	164,928	5.5%	4.8%	3.9%	15.0%

Table 3: Round 10 Total Employment

JURISDICTION	2020	2025	2030	2035	2040	2045	2050
Anne Arundel County	340,555	375,489	389,833	404,256	419,012	434,725	451,505
Baltimore City	365,047	377,443	396,188	413,808	430,379	446,685	450,996
Baltimore County	398,693	411,260	425,058	428,306	434,620	441,159	444,251
Carroll County	62,814	64,313	65,821	67,319	68,809	70,290	71,789
Harford County	100,748	110,606	120,560	130,808	141,273	151,868	162,499
Howard County	185,600	193,976	203,284	217,619	231,970	238,935	245,600
Queen Anne's County	16,562	16,775	17,125	17,250	17,375	17,525	17,700
Baltimore Region	1,470,019	1,549,862	1,617,869	1,679,367	1,743,438	1,801,187	1,844,339

Round 10 Total Employment Changes

JURISDICTION	2020- 2030	2030- 2040	2040- 2050	2020- 2050	2020- 2030	2030- 2040	2040- 2050	2020- 2050
Anne Arundel County	49,278	29,179	32,493	110,950	14.5%	7.5%	7.8%	32.6%
Baltimore City	31,141	34,191	20,617	85,949	8.5%	8.6%	4.8%	23.5%
Baltimore County	26,365	9,562	9,631	45,558	6.6%	2.2%	2.2%	11.4%
Carroll County	3,006	2,988	2,979	8,974	4.8%	4.5%	4.3%	14.3%
Harford County	19,812	20,712	21,226	61,751	19.7%	17.2%	15.0%	61.3%
Howard County	17,684	28,686	13,630	60,000	9.5%	14.1%	5.9%	32.3%
Queen Anne's County	563	250	325	1,138	3.4%	1.5%	1.9%	6.9%
Baltimore Region	147,850	125,568	100,902	374,320	10.1%	7.8%	5.8%	25.5%