

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

**RESOLUTION #18-19**

**ENDORSEMENT OF ROUND 9 COOPERATIVE FORECASTING PROCESS THROUGH 2045 FOR USE  
IN LOCAL AND REGIONAL TRANSPORTATION AND AIR QUALITY PLANNING PURPOSES**

**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 Harford 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 Baltimore Regional 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 8A 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 extend the forecast horizon year from 2040 to 2045; and

**WHEREAS**, the previously endorsed Round 8B forecasts included only the portion of Queen Anne's County contained within the Metropolitan Planning Organization boundary, these forecasts include Queen Anne's County in its entirety; and

**WHEREAS**, the Cooperative Forecasting Group has recommended to the Baltimore Regional Transportation Board a set of forecasts termed Round 9, 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 9 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 June 26, 2018 meeting.

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Date

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Michelle Pourciau, Chairman  
Baltimore Regional Transportation Board

**Local Jurisdiction Submissions: Round 9**  
**Cooperative Forecasts – Population, Household and Employment Controls**

**Table 1: Round 9 Population**

<b>Jurisdiction</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
Anne Arundel Co	562,867	572,340	582,566	594,303	608,928	621,771	643,978
Baltimore City	615,813	617,018	626,989	627,904	636,723	648,033	647,127
Baltimore Co	827,758	840,644	846,323	864,974	879,955	893,540	907,126
Carroll Co	167,550	169,200	171,700	175,150	178,500	181,800	185,150
Harford Co	250,025	257,680	264,870	271,865	280,570	289,220	294,250
Howard Co	313,359	336,920	355,696	366,818	369,499	371,846	372,358
Queen Anne's Co	48,477	51,813	55,434	58,319	61,021	63,533	66,148
<b>Baltimore Region</b>	<b>2,785,850</b>	<b>2,845,615</b>	<b>2,903,578</b>	<b>2,959,332</b>	<b>3,015,195</b>	<b>3,069,744</b>	<b>3,116,137</b>

Round 9 Population Changes

	<b>Change</b>			<b>Percent Change</b>				
	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>
	19,698	26,362	35,051	81,111	3.5%	4.5%	5.8%	14.4%
	11,176	9,733	10,405	31,314	1.8%	1.6%	1.6%	5.1%
	18,565	33,632	27,171	79,368	2.2%	4.0%	3.1%	9.6%
	4,150	6,800	6,650	17,600	2.5%	4.0%	3.7%	10.5%
	14,844	15,700	13,680	44,224	5.9%	5.9%	4.9%	17.7%
	42,337	13,803	2,859	58,999	13.5%	3.9%	0.8%	18.8%
	6,957	5,588	5,127	17,671	14.4%	10.1%	8.4%	36.5%
	117,728	111,617	100,942	330,287	4.2%	3.8%	3.3%	11.9%

**Note: Anne Arundel County data include the City of Annapolis**

**Table 2: Round 9 Households**

<b>Jurisdiction</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
Anne Arundel Co	207,338	210,959	217,565	224,575	231,253	237,951	244,998
Baltimore City	250,238	254,557	259,667	262,988	269,119	271,327	273,363
Baltimore Co	322,738	327,457	329,940	337,410	343,323	348,565	353,808
Carroll Co	61,045	62,667	64,394	66,522	67,975	69,118	70,332
Harford Co	93,362	97,241	101,021	104,801	108,590	112,380	114,752
Howard Co	111,753	121,499	130,432	136,125	138,782	139,686	139,851
Queen Anne's Co	18,645	20,355	22,068	23,413	24,705	25,735	26,807
<b>Baltimore Region</b>	<b>1,065,119</b>	<b>1,094,736</b>	<b>1,125,087</b>	<b>1,155,835</b>	<b>1,183,748</b>	<b>1,204,762</b>	<b>1,223,910</b>

Round 9 Household Changes

	<b>Change</b>			<b>Percent Change</b>				
	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>
	10,227	13,689	13,745	37,660	4.9%	6.3%	5.9%	18.2%
	9,429	9,452	4,244	23,124	3.8%	3.6%	1.6%	9.2%
	7,202	13,383	10,484	31,070	2.2%	4.1%	3.1%	9.6%
	3,350	3,581	2,357	9,288	5.5%	5.6%	3.5%	15.2%
	7,658	7,570	6,161	21,389	8.2%	7.5%	5.7%	22.9%
	18,679	8,350	1,069	28,098	16.7%	6.4%	0.8%	25.1%
	3,423	2,637	2,102	8,162	18.4%	11.9%	8.5%	43.8%
	59,968	58,661	40,162	158,791	5.6%	5.2%	3.4%	14.9%

**Note: Anne Arundel County data include the City of Annapolis**

**Table 3: Round 9 Total Employment**

<b>Jurisdiction</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
Anne Arundel Co	369,580	382,795	397,236	413,039	431,305	451,373	474,511
Baltimore City	401,082	418,102	436,252	454,948	466,906	485,731	505,068
Baltimore Co	462,770	479,680	500,515	515,752	528,684	540,935	550,843
Carroll Co	74,313	77,411	79,760	82,268	84,419	86,815	89,281
Harford Co	115,560	125,454	136,745	147,685	158,761	170,668	183,468
Howard Co	204,050	219,050	234,050	249,050	259,050	269,050	279,050
Queen Anne's Co	20,748	22,454	24,251	24,790	25,778	26,406	27,050
<b>Baltimore Region</b>	<b>1,648,103</b>	<b>1,724,946</b>	<b>1,808,811</b>	<b>1,887,531</b>	<b>1,954,902</b>	<b>2,030,979</b>	<b>2,109,271</b>

**Round 9 Total Employment Changes**

	<b>Change</b>			<b>Percent Change</b>				
	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>	<b>2015- 2025</b>	<b>2025- 2035</b>	<b>2035- 2045</b>	<b>2015- 2045</b>
	27,657	34,069	43,206	104,931	7.5%	8.6%	10.0%	28.4%
	35,170	30,654	38,162	103,986	8.8%	7.0%	8.2%	25.9%
	37,745	28,168	22,159	88,073	8.2%	5.6%	4.2%	19.0%
	5,447	4,658	4,862	14,968	7.3%	5.8%	5.8%	20.1%
	21,185	22,015	24,707	67,908	18.3%	16.1%	15.6%	58.8%
	30,000	25,000	20,000	75,000	14.7%	10.7%	7.7%	36.8%
	3,503	1,527	1,273	6,303	16.9%	6.3%	4.9%	30.4%
	<b>160,708</b>	<b>146,092</b>	<b>154,369</b>	<b>461,168</b>	<b>9.8%</b>	<b>8.1%</b>	<b>7.9%</b>	<b>28.0%</b>

**Note: Anne Arundel County data include the City of Annapolis**