

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

BALTIMORE REGIONAL TRANSPORTATION BOARD

RESOLUTION #17-8

ENDORSEMENT OF ROUND 8B COOPERATIVE FORECASTING PROCESS THROUGH 2040 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, and the Maryland Transit Administration; 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

WHEREAS, Queen Anne's County is now a member of the Metropolitan Planning Organization and will be included in this forecast round. It is the southwestern portion of the county that is now integrated into the Metropolitan Planning Organization boundary, and it is this section that is included in the forecasting process. The section includes Kent Island and Grasonville and is comprised of five Census Tracts that form the boundaries of four new TAZs; and

WHEREAS, the Cooperative Forecasting Group has recommended to the Baltimore Regional Transportation Board a set of forecasts termed Round 8B, developed at the 2010 transportation analysis zone structure, 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 8B 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 August 23, 2016 meeting.

8-23-16

Date



Clive Graham, Chairman

Baltimore Regional Transportation Board

Local Jurisdiction Submissions: Round 8B
Cooperative Forecasts – Population, Household and Employment Controls

Table 1: Round 8B Population

Jurisdiction	2010	2015	2020	2025	2030	2035	2040
Anne Arundel County	537,656	559,619	580,007	593,595	606,689	618,177	628,048
Baltimore City	620,961	633,281	641,128	648,493	656,974	665,907	667,677
Baltimore County	805,029	827,063	834,292	849,414	863,004	875,027	885,783
Carroll County	167,134	170,549	175,900	179,437	183,258	186,180	189,574
Harford County	244,826	251,991	258,668	265,098	273,127	281,029	291,089
Howard County	287,085	311,168	337,051	354,149	363,674	369,603	371,621
Queen Anne's County	22,096	23,189	24,785	26,516	27,897	29,189	30,391
Baltimore Region	2,684,787	2,776,860	2,851,831	2,916,702	2,974,623	3,025,112	3,064,183

Round 8B Population Changes

	Change			Percent Change				
	2010-2020	2020-2030	2030-2040	2010-2040	2010-2020	2020-2030	2030-2040	2010-2040
	42,351	26,682	21,359	90,392	7.9%	4.6%	3.5%	16.8%
	20,167	15,846	10,703	46,716	3.2%	2.5%	1.6%	7.5%
	29,263	28,712	22,779	80,754	3.6%	3.4%	2.6%	10.0%
	8,766	7,358	6,316	22,440	5.2%	4.2%	3.4%	13.4%
	13,842	14,459	17,962	46,263	5.7%	5.6%	6.6%	18.9%
	49,966	26,623	7,947	84,536	17.4%	7.9%	2.2%	29.4%
	2,689	3,112	2,494	8,295	12.2%	12.6%	8.9%	37.5%
	167,044	122,792	89,560	379,396	6.2%	4.3%	3.0%	14.1%

Note: Anne Arundel County data includes the City of Annapolis

Table 2: Round 8B Households

Jurisdiction	2010	2015	2020	2025	2030	2035	2040
Anne Arundel County	199,378	206,441	213,504	220,565	227,626	234,647	241,542
Baltimore City	249,903	255,205	258,511	261,539	265,388	269,704	270,317
Baltimore County	316,715	323,815	326,827	332,928	338,451	343,265	347,496
Carroll County	59,784	62,218	64,226	65,980	67,600	69,162	70,668
Harford County	90,218	94,095	97,892	101,689	105,488	109,298	113,090
Howard County	104,749	111,753	122,781	131,398	136,343	138,960	139,697
Queen Anne's County	8,496	8,991	9,815	10,642	11,291	11,914	12,411
Baltimore Region	1,029,243	1,062,518	1,093,556	1,124,741	1,152,187	1,176,950	1,195,221

Round 8B Household Changes

	Change			Percent Change			
	2010-2020	2020-2030	2030-2040	2010-2020	2020-2030	2030-2040	2010-2040
14,126	14,122	13,916	42,164	7.1%	6.6%	6.1%	21.1%
8,608	6,877	4,929	20,414	3.4%	2.7%	1.9%	8.2%
10,112	11,624	9,045	30,781	3.2%	3.6%	2.7%	9.7%
4,442	3,374	3,068	10,884	7.4%	5.3%	4.5%	18.2%
7,674	7,596	7,602	22,872	8.5%	7.8%	7.2%	25.4%
18,032	13,562	3,354	34,948	17.2%	11.0%	2.5%	33.4%
1,319	1,476	1,120	3,915	15.5%	15.0%	9.9%	46.1%
64,313	58,631	43,034	165,978	6.2%	5.4%	3.7%	16.1%

Note: Anne Arundel County data includes the City of Annapolis

Table 3: Round 8B Total Employment

Jurisdiction	2010	2015	2020	2025	2030	2035	2040
Anne Arundel County	323,148	342,011	361,688	376,085	391,312	404,986	424,061
Baltimore City	381,772	385,726	401,339	416,463	431,326	440,635	449,276
Baltimore County	446,248	465,812	489,033	503,440	510,287	515,783	521,515
Carroll County	70,889	73,063	76,107	78,421	80,888	82,996	85,351
Harford County	104,670	115,562	126,040	135,775	146,269	157,191	167,261
Howard County	181,381	196,381	211,381	226,381	241,381	251,710	260,309
Queen Anne's County	8,210	8,656	9,367	10,116	10,341	10,753	11,016
Baltimore Region	1,516,318	1,587,211	1,674,955	1,746,681	1,811,804	1,864,054	1,918,789

Round 8B Total Employment Changes

	Change			Percent Change				
	2010-2020	2020-2030	2030-2040	2010-2020	2010-2020	2020-2030	2030-2040	2010-2040
	38,540	29,624	32,749	100,913	11.9%	8.2%	8.4%	31.2%
	19,567	29,987	17,950	67,504	5.1%	7.5%	4.2%	17.7%
	42,785	21,254	11,228	75,267	9.6%	4.3%	2.2%	16.9%
	5,218	4,781	4,463	14,462	7.4%	6.3%	5.5%	20.4%
	21,370	20,229	20,992	62,591	20.4%	16.0%	14.4%	59.8%
	30,000	30,000	18,928	78,928	16.5%	14.2%	7.8%	43.5%
	1,157	974	675	2,806	14.1%	10.4%	6.5%	34.2%
	158,637	136,849	106,985	402,471	10.5%	8.2%	5.9%	26.5%

Note: Anne Arundel County data includes the City of Annapolis