

Round 9 Forecasts: Jurisdictional and Regional Summaries

Cooperative Forecasting Group

December 20, 2017



Baltimore Metropolitan Council



Round 9



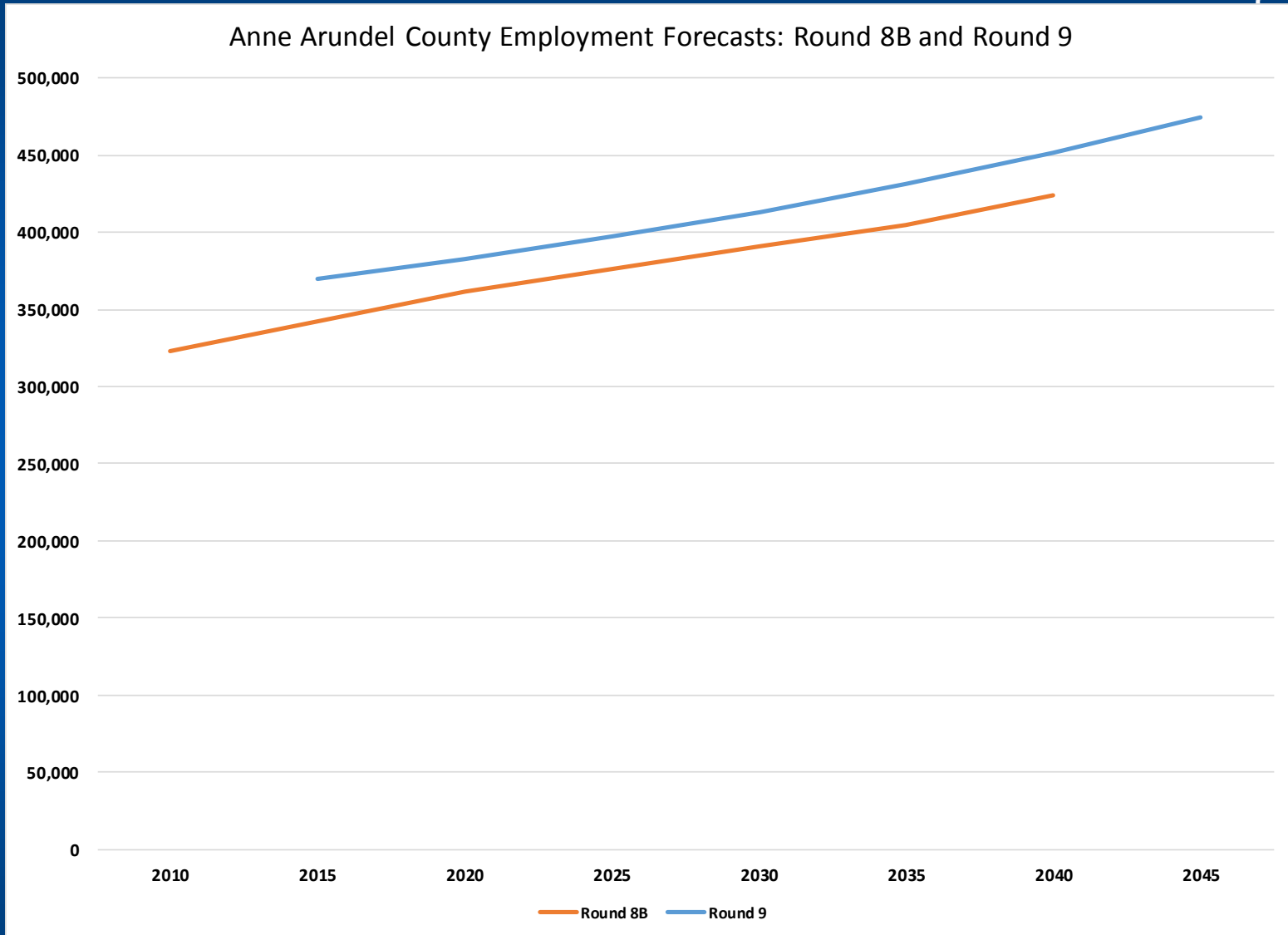
Anne Arundel County



Round 9 – Anne Arundel

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		563,867	573,825	584,530	596,681	611,657	624,807	644,978
Round 8B	537,656	559,619	580,007	593,595	606,689	618,177	628,048	
Chg		4,248	-6,182	-9,065	-10,008	-6,520	-3,241	
% Chg		0.8%	-1.1%	-1.5%	-1.6%	-1.1%	-0.5%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		207,336	210,957	217,563	224,573	231,251	237,949	244,998
Round 8B	199,378	206,441	213,504	220,565	227,626	234,647	241,542	
Chg		895	-2,547	-3,002	-3,053	-3,396	-3,593	
% Chg		0.4%	-1.2%	-1.4%	-1.3%	-1.4%	-1.5%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		369,580	382,795	397,236	413,039	431,305	451,373	474,511
Round 8B	323,148	342,011	361,688	376,085	391,312	404,986	424,061	
Chg		27,569	21,107	21,151	21,727	26,319	27,312	
% Chg		8.1%	5.8%	5.6%	5.6%	6.5%	6.4%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9 – Anne Arundel



Round 9

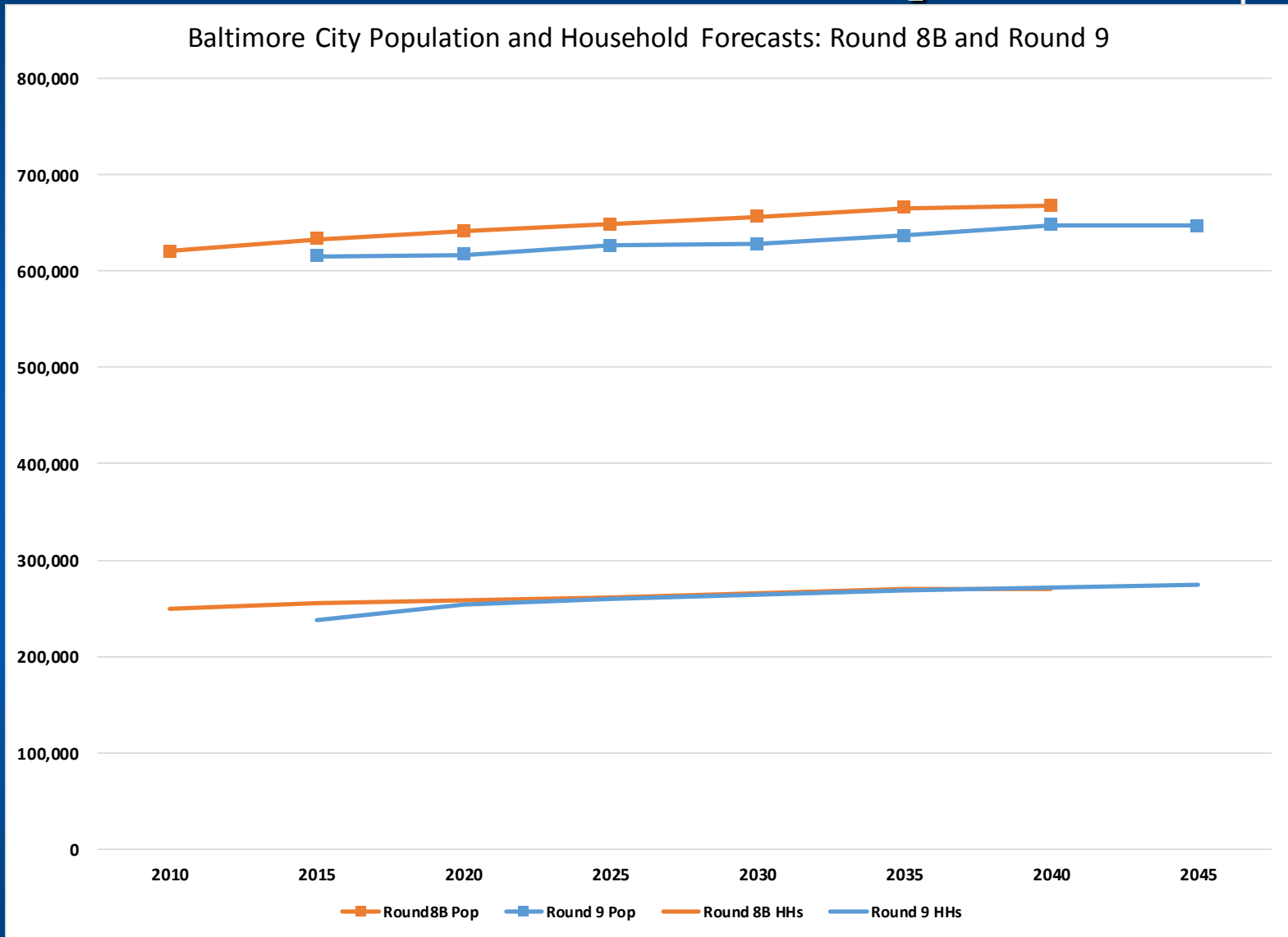
Baltimore City



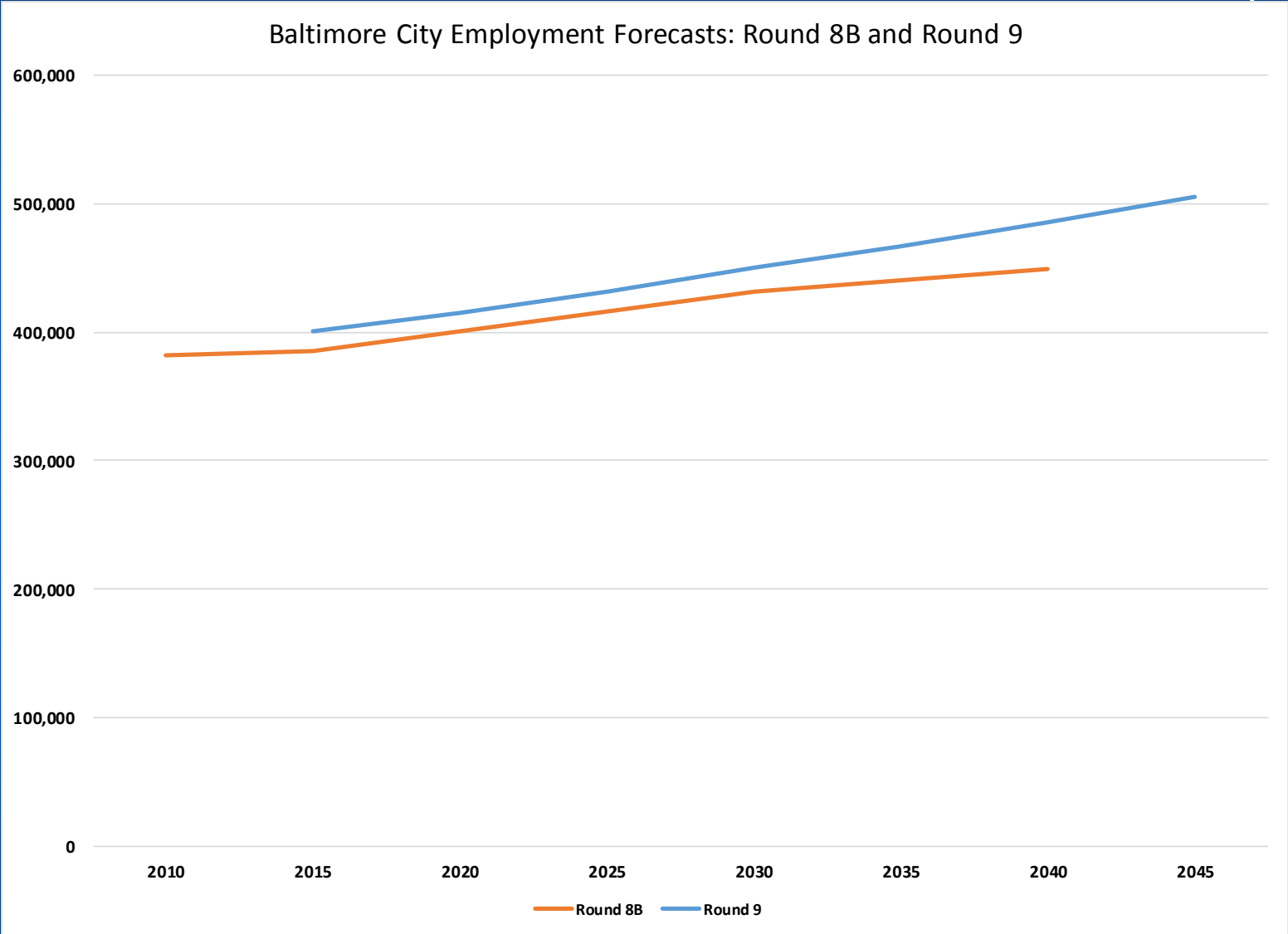
Round 9 – Baltimore City

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		615,813	617,019	626,991	627,905	636,720	648,033	647,132
Round 8B	620,961	633,281	641,128	648,493	656,974	665,907	667,677	
Chg		-17,468	-24,109	-21,502	-29,069	-29,187	-19,644	
% Chg		-2.8%	-3.8%	-3.3%	-4.4%	-4.4%	-2.9%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		237,331	254,014	259,638	264,421	268,758	271,368	274,195
Round 8B	249,903	255,205	258,511	261,539	265,388	269,704	270,317	
Chg		-17,874	-4,497	-1,901	-967	-946	1,051	
% Chg		-7.0%	-1.7%	-0.7%	-0.4%	-0.4%	0.4%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		401,082	415,193	431,706	450,100	466,533	485,594	505,027
Round 8B	381,772	385,726	401,339	416,463	431,326	440,635	449,276	
Chg		15,356	13,854	15,243	18,774	25,898	36,318	
% Chg		4.0%	3.5%	3.7%	4.4%	5.9%	8.1%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9 – Baltimore City



Round 9 – Baltimore City



Round 9

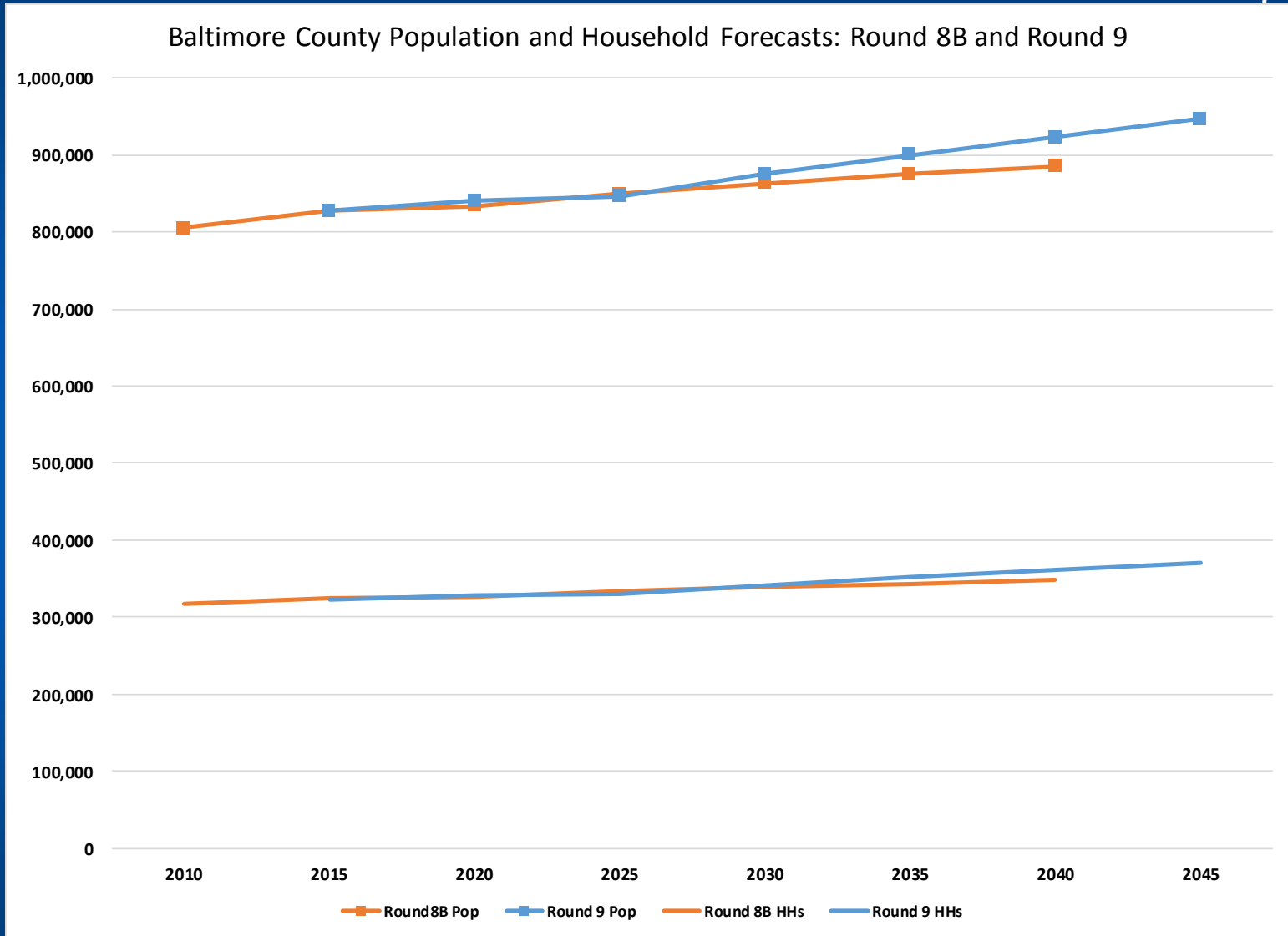
Baltimore County



Round 9 – Baltimore County

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		827,758	840,644	846,323	874,894	899,794	923,299	946,804
Round 8B	805,029	827,063	834,292	849,414	863,004	875,027	885,783	
Chg		695	6,352	-3,091	11,890	24,767	37,516	
% Chg		0.1%	0.8%	-0.4%	1.4%	2.8%	4.2%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		322,738	327,457	329,940	341,351	351,206	360,390	369,573
Round 8B	316,715	323,815	326,827	332,928	338,451	343,265	347,496	
Chg		-1,077	630	-2,988	2,900	7,941	12,894	
% Chg		-0.3%	0.2%	-0.9%	0.9%	2.3%	3.7%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		462,770	480,316	501,797	517,692	531,236	543,518	553,473
Round 8B	446,248	465,812	489,033	503,440	510,287	515,783	521,515	
Chg		-3,042	-8,717	-1,643	7,405	15,453	22,003	
% Chg		-0.7%	-1.8%	-0.3%	1.5%	3.0%	4.2%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9 – Baltimore County



Round 9

Carroll County



Round 9 – Carroll County

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		167,550	169,200	171,700	175,150	178,500	181,800	185,150
Round 8B	167,134	170,549	175,900	179,437	183,258	186,180	189,574	
Chg		-2,999	-6,700	-7,737	-8,108	-7,680	-7,774	
% Chg		-1.8%	-3.8%	-4.3%	-4.4%	-4.1%	-4.1%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		61,045	62,667	64,394	66,522	67,975	69,118	70,332
Round 8B	59,784	62,218	64,226	65,980	67,600	69,162	70,668	
Chg		-1,173	-1,559	-1,586	-1,078	-1,187	-1,550	
% Chg		-1.9%	-2.4%	-2.4%	-1.6%	-1.7%	-2.2%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		74,323	77,421	79,771	82,279	84,430	86,827	89,293
Round 8B	70,889	73,063	76,107	78,421	80,888	82,996	85,351	
Chg		1,260	1,314	1,350	1,391	1,434	1,476	
% Chg		1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9

Harford County



Round 9 – Harford County

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		250,025	257,680	264,870	271,865	280,570	289,220	294,250
Round 8B	244,826	251,991	258,668	265,098	273,127	281,029	291,089	
Chg		-1,966	-988	-228	-1,262	-459	-1,869	
% Chg		-0.8%	-0.4%	-0.1%	-0.5%	-0.2%	-0.6%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		93,362	97,241	101,021	104,801	108,581	112,361	114,723
Round 8B	90,218	94,095	97,892	101,689	105,488	109,298	113,090	
Chg		-733	-651	-668	-687	-717	-729	
% Chg		-0.8%	-0.7%	-0.7%	-0.7%	-0.7%	-0.6%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		115,560	125,454	136,745	147,685	158,761	170,668	183,468
Round 8B	104,670	115,562	126,040	135,775	146,269	157,191	167,261	
Chg		-2	-586	970	1,416	1,570	3,407	
% Chg		0.0%	-0.5%	0.7%	1.0%	1.0%	2.0%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9

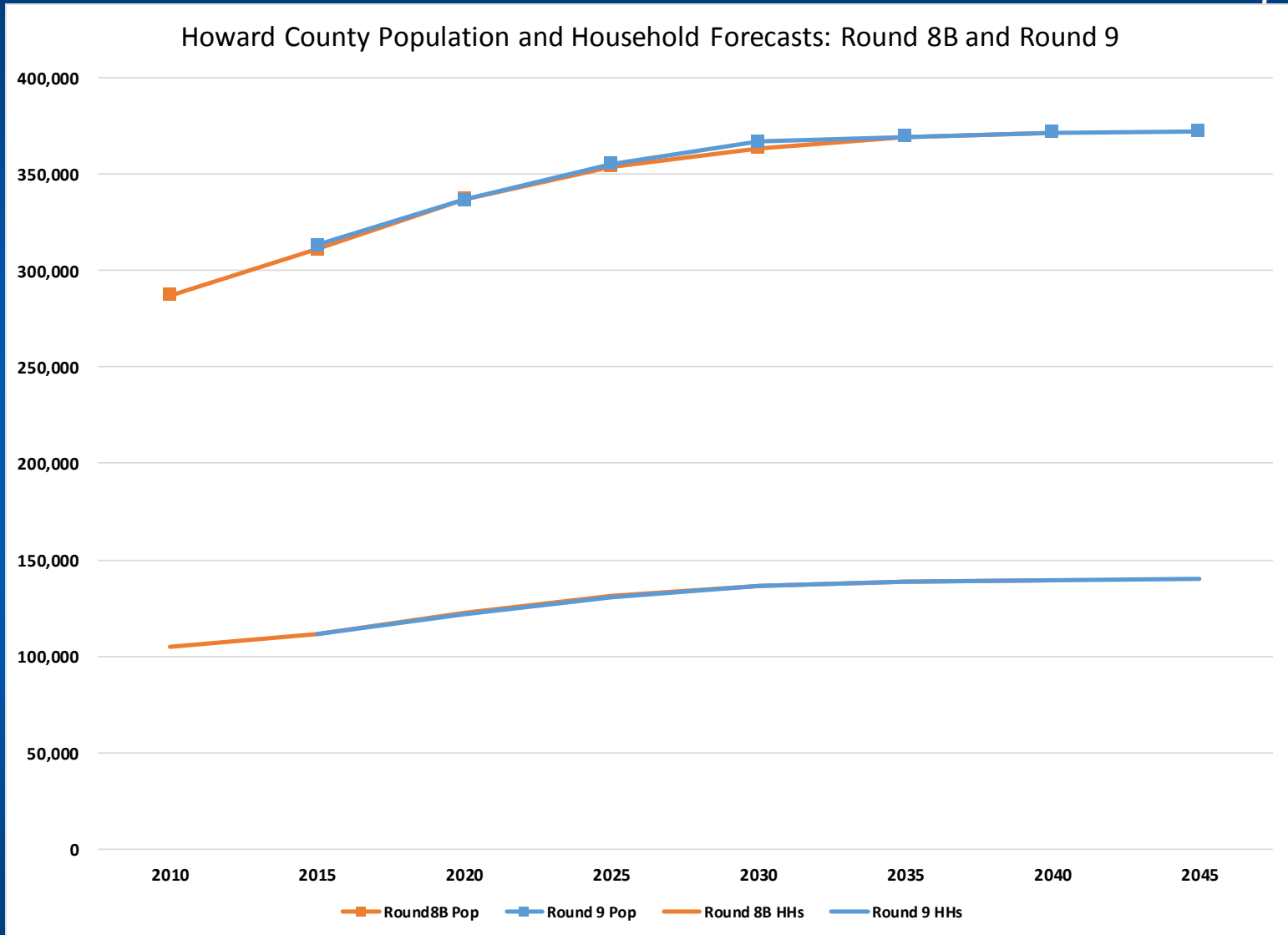
Howard County



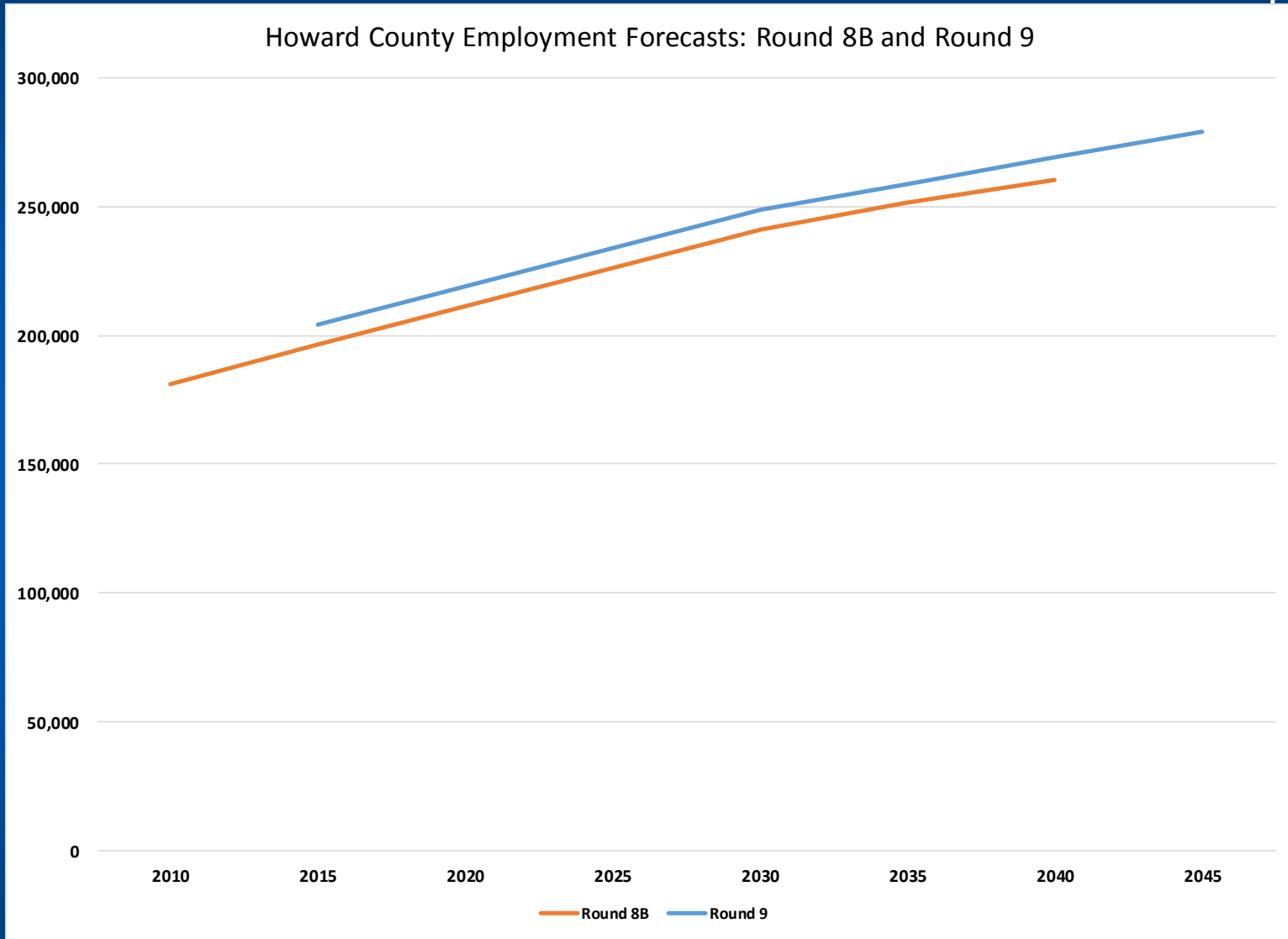
Round 9 – Howard County

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		313,359	336,920	355,696	366,818	369,499	371,846	372,358
Round 8B	287,085	311,168	337,051	354,149	363,674	369,603	371,621	
Chg		2,191	-131	1,547	3,144	-104	225	
% Chg		0.7%	0.0%	0.4%	0.9%	0.0%	0.1%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		111,753	121,499	130,432	136,125	138,782	139,686	139,851
Round 8B	104,749	111,753	122,781	131,398	136,343	138,960	139,697	
Chg		0	-1,282	-966	-218	-178	-11	
% Chg		0.0%	-1.0%	-0.7%	-0.2%	-0.1%	0.0%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		204,050	219,050	234,050	249,050	259,050	269,050	279,050
Round 8B	181,381	196,381	211,381	226,381	241,381	251,710	260,309	
Chg		7,669	7,669	7,669	7,669	7,340	8,741	
% Chg		3.9%	3.6%	3.4%	3.2%	2.9%	3.4%	
Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.								

Round 9 – Howard County



Round 9 – Howard County



Round 9

Queen Anne's County



Round 9 – Queen Anne’s County

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		48,477	51,813	55,434	58,319	61,021	63,533	66,148
Round 8B	22,096	23,189	24,785	26,516	27,897	29,189	30,391	
Chg		25,288	27,028	28,918	30,422	31,832	33,142	
% Chg		109.1%	109.1%	109.1%	109.1%	109.1%	109.1%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		18,645	20,355	22,068	23,413	24,705	25,735	26,807
Round 8B	8,496	8,991	9,815	10,642	11,291	11,914	12,411	
Chg		9,654	10,540	11,426	12,122	12,791	13,324	
% Chg		107.4%	107.4%	107.4%	107.4%	107.4%	107.4%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		20,748	22,454	24,251	24,790	25,778	26,406	27,050
Round 8B	8,210	8,656	9,367	10,116	10,341	10,753	11,016	
Chg		12,092	13,087	14,135	14,449	15,025	15,390	
% Chg		139.7%	139.7%	139.7%	139.7%	139.7%	139.7%	

Note: Round 8B contained only a portion of Queen Anne's County. The Round 9 totals contain the entire county.

Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.

Round 9

Baltimore Region

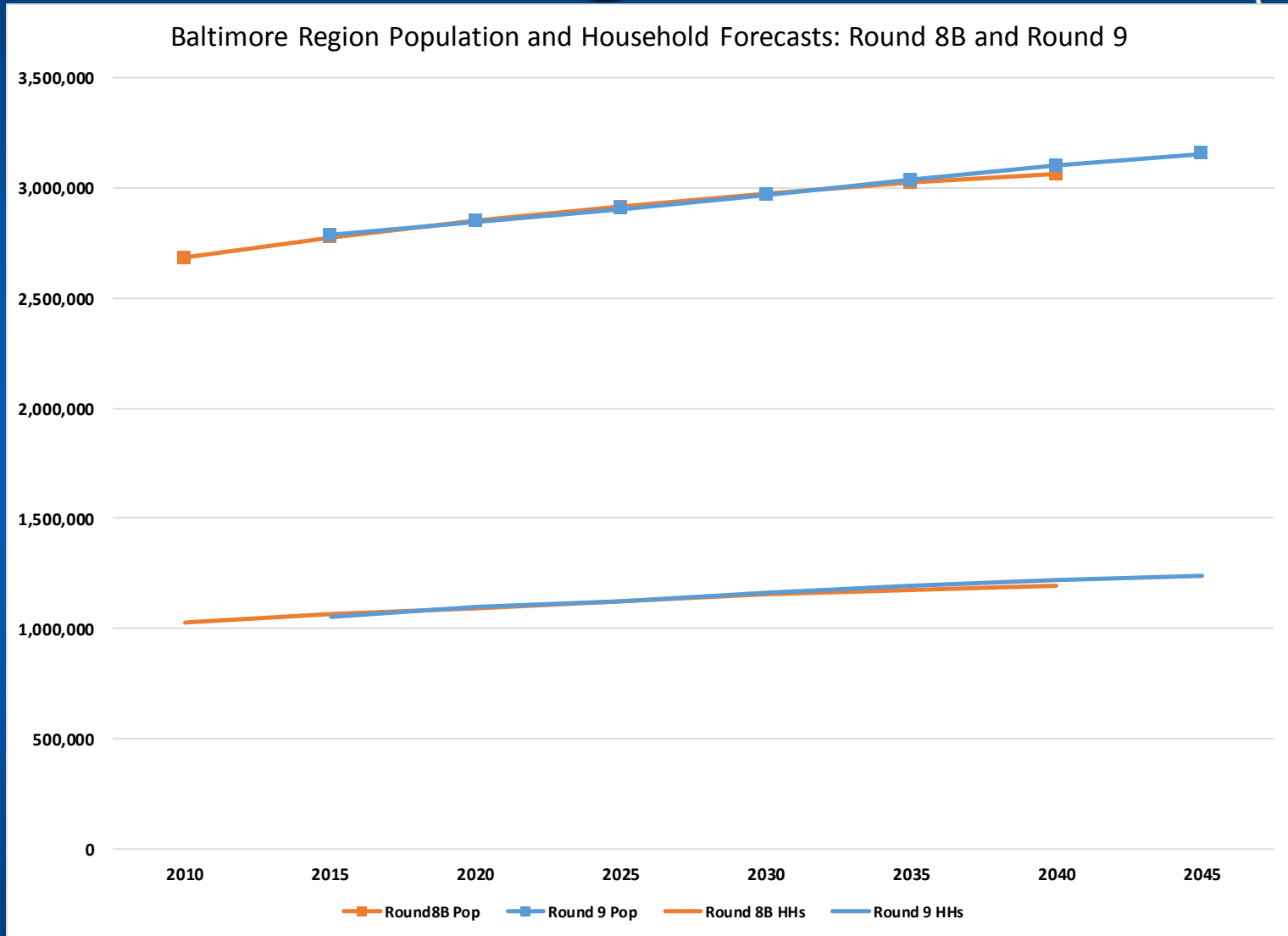
Round 9 - Region

Population	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		2,786,850	2,847,101	2,905,544	2,971,632	3,037,762	3,102,538	3,156,820
Round 8B	2,684,787	2,776,860	2,851,831	2,916,702	2,974,623	3,025,112	3,064,183	
Chg		9,990	-4,730	-11,158	-2,991	12,650	38,355	
% Chg		0.4%	-0.2%	-0.4%	-0.1%	0.4%	1.3%	
Households	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		1,052,210	1,094,190	1,125,056	1,161,207	1,191,258	1,216,606	1,240,480
Round 8B	1,029,243	1,062,518	1,093,556	1,124,741	1,152,187	1,176,950	1,195,221	
Chg		-10,308	634	315	9,020	14,308	21,385	
% Chg		-1.0%	0.1%	0.0%	0.8%	1.2%	1.8%	
Employment	2010	2015	2020	2025	2030	2035	2040	2045
Round 9		1,631,453	1,722,683	1,805,557	1,884,634	1,957,092	2,033,436	2,111,872
Round 8B	1,516,318	1,587,211	1,674,955	1,746,681	1,811,804	1,864,054	1,918,789	
Chg		44,242	47,728	58,876	72,830	93,038	114,647	
% Chg		2.8%	2.8%	3.4%	4.0%	5.0%	6.0%	

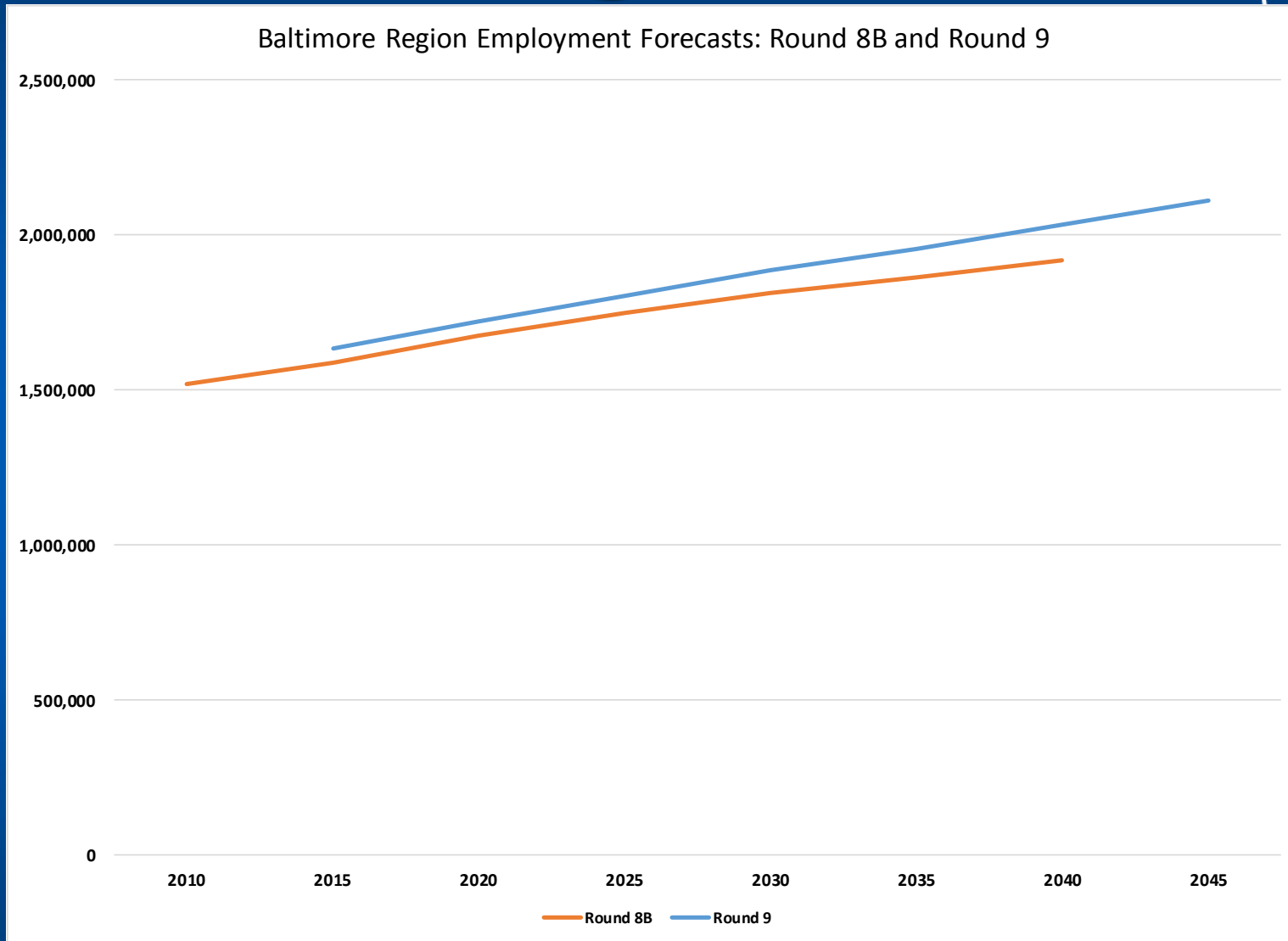
Note: Round 8B contained only a portion of Queen Anne's County. The Round 9 totals contain the entire county.

Source: Local Jurisdictions; Cooperative Forecasting Group; Baltimore Metropolitan Council.

Round 9 - Region



Round 9 - Region



Technical Committee Members

- Anne Arundel County Martha Arzu-McIntosh
- Baltimore City Graham Young
- Baltimore County Emery Hines
- Carroll County Mary Lane
- Harford County Alex Rawls
- Howard County David Cookson
- Queen Anne's County Steve Cohoon



Next Steps

- Review of small area forecasts (January 2018)]
- Development of Travel Demand Model inputs (January-February 2018)
- Submission of forecast data set to modeling group (End February 2018)
- Request for Technical Committee recommendation of endorsement of Round 9 forecasts by the BRTB (May 2018?)
- BRTB endorsement of Round 9 forecasts (June/July 2018?)



For More Information

Shawn Kimberly

410-732-0500 ext 1026

skimberly@baltometro.org

www.baltometro.org

