

2016 Census Update

June 2017



2016 Census Update

2016 PEP Estimate

Housing and Development Data

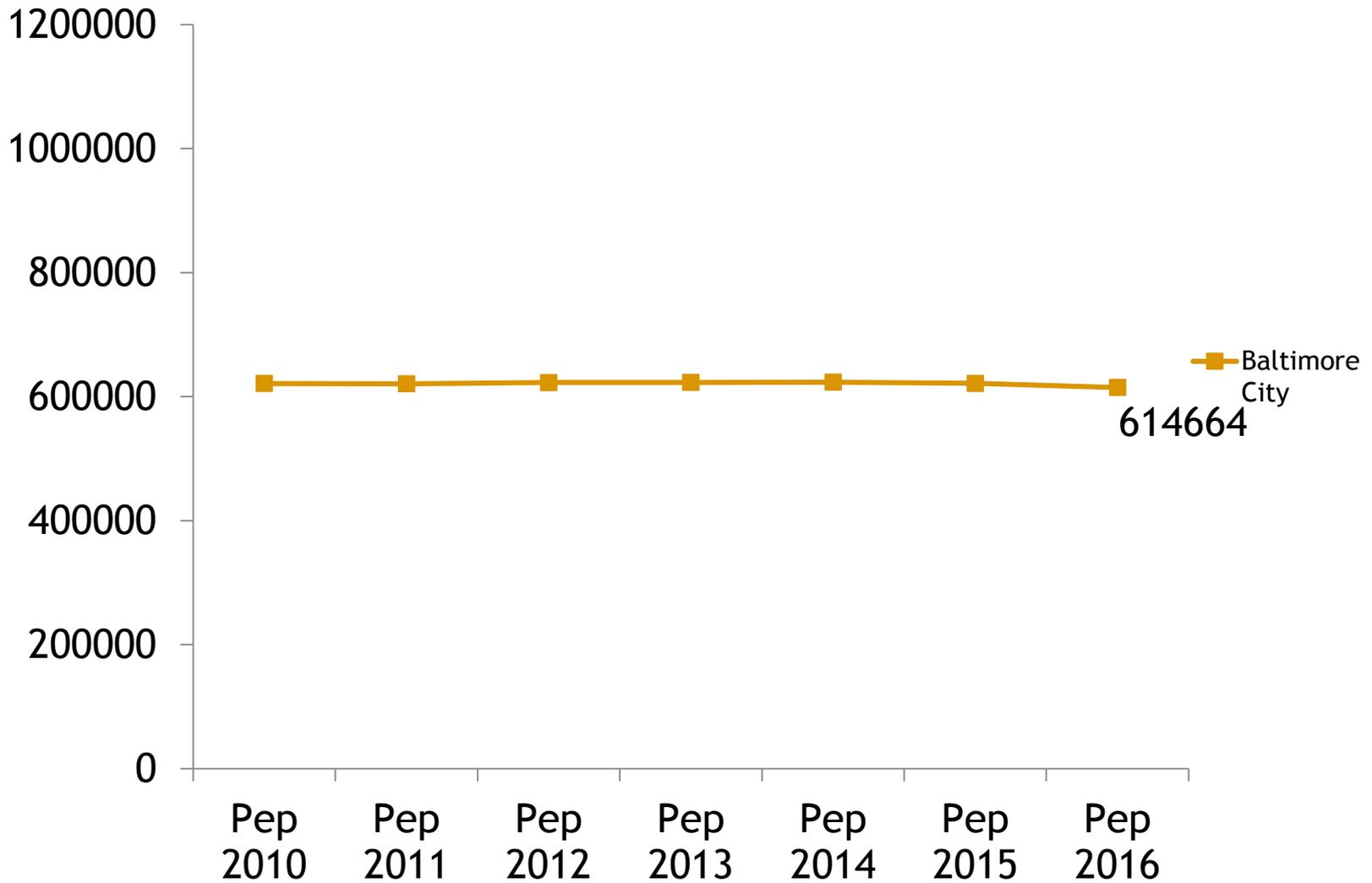
Investigating a Challenge to the PEP

Moving On: Nature of the Population Change

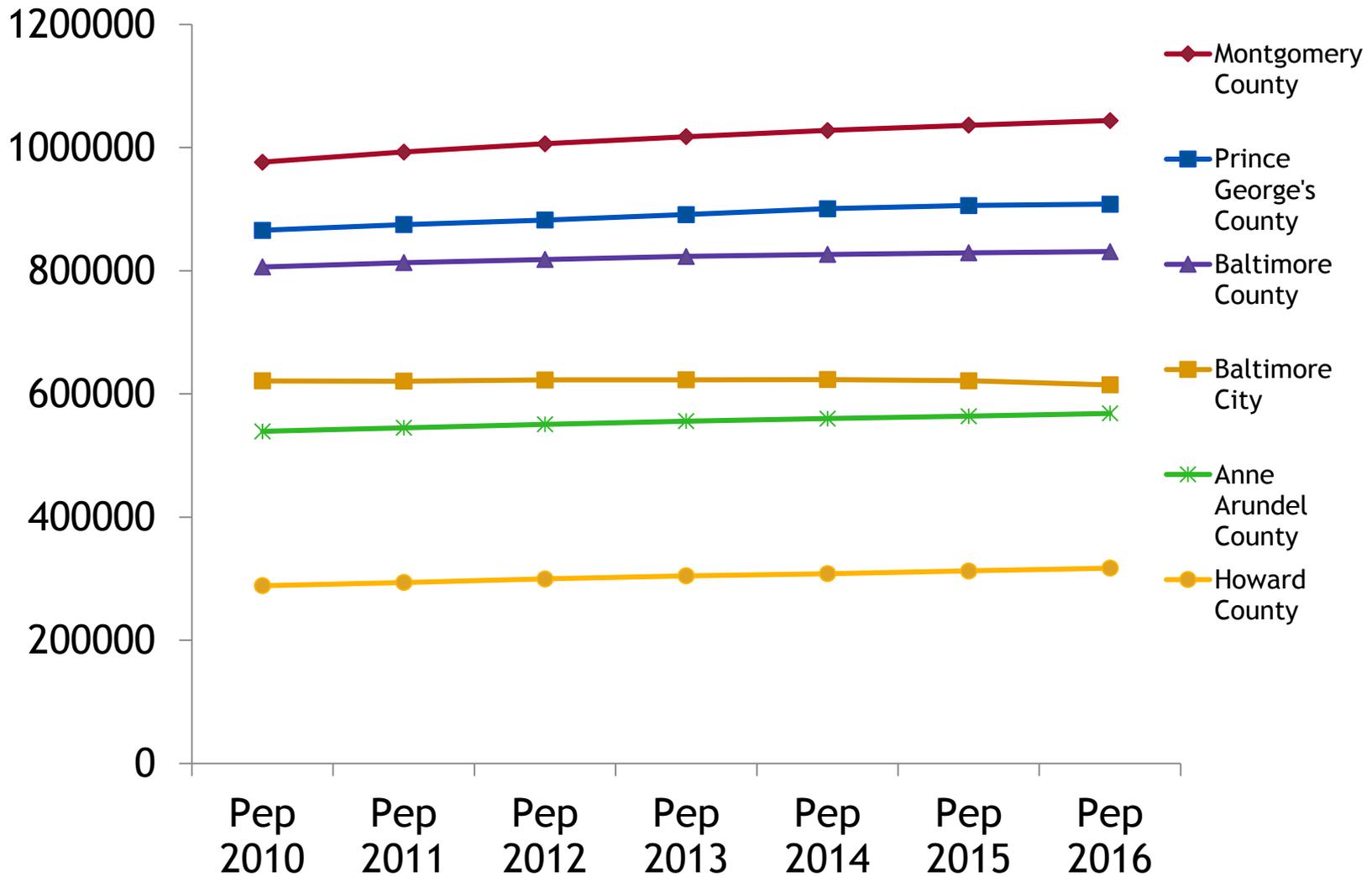
Policy Implications



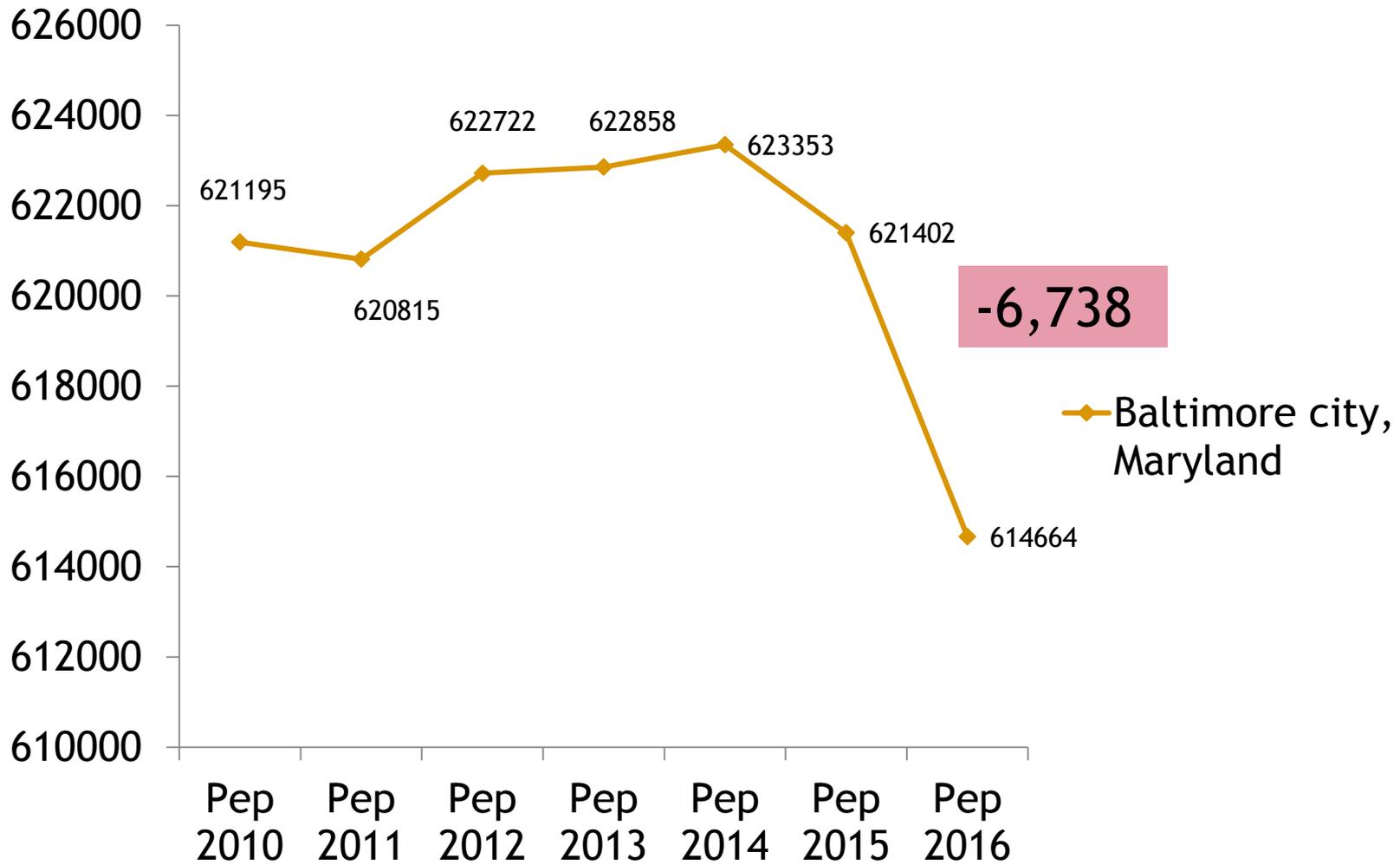
2016 PEP Estimate



2016 PEP Estimate



2016 PEP Estimate



Cohort Cities (2015-2016)

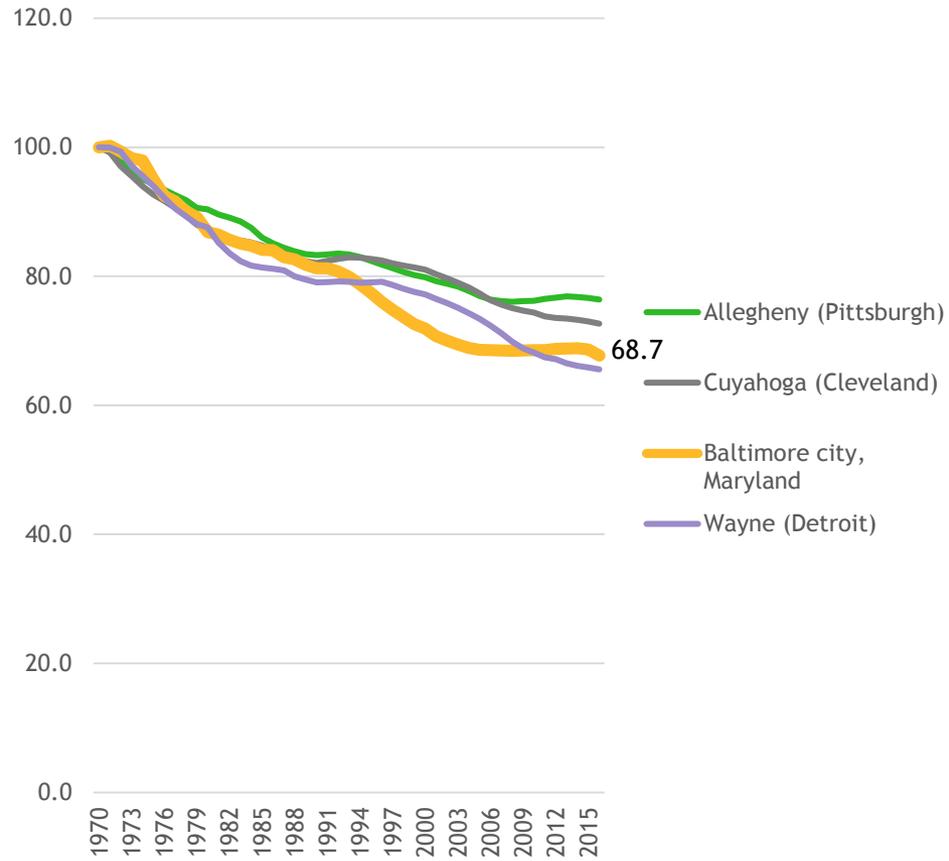
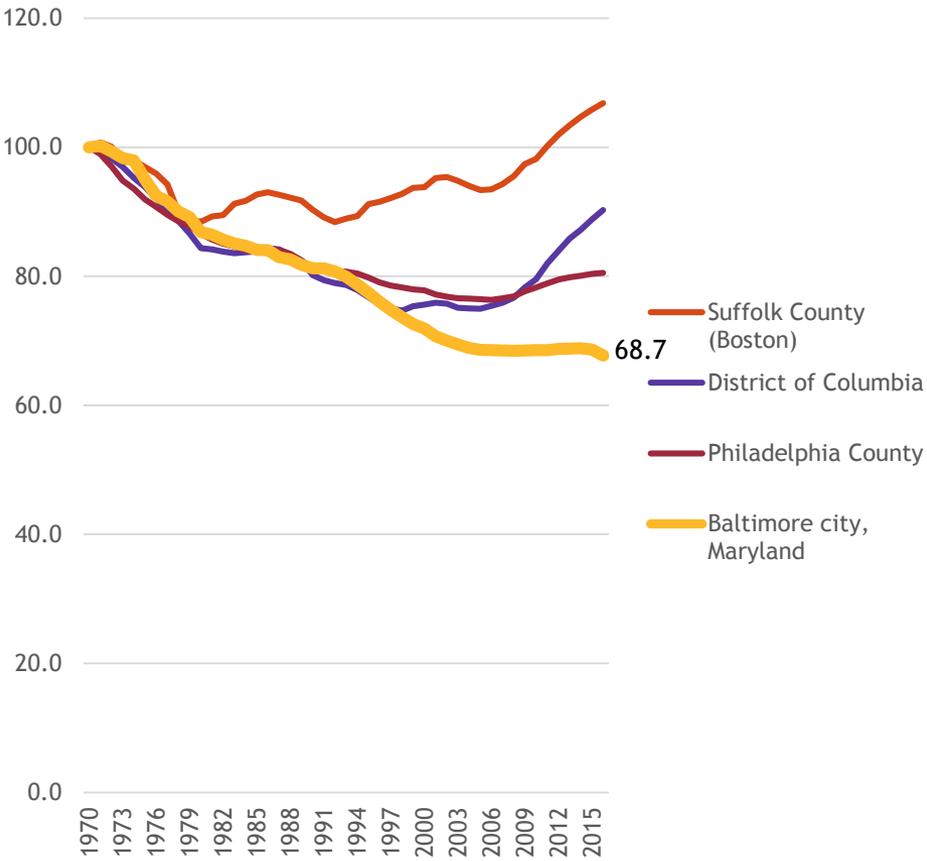
<i>County</i>	<i>Population</i>	<i>Numeric</i>	<i>Percent</i>	<i>Births</i>	<i>Deaths</i>	<i>Domestic</i>	<i>International</i>
Cook County, IL	5203499	-21324	-0.41	68049	42297	-66244	18434
Wayne County, MI	1749366	-7696	-0.44	23209	18231	-17346	4279
Baltimore city, MD	614664	-6738	-1.08	8654	6871	-11008	2195
Cuyahoga County, OH	1249352	-5673	-0.45	14941	13563	-10122	3402
Suffolk County, NY	1492583	-5320	-0.36	15446	12793	-11278	4327
Milwaukee County, WI	951448	-4866	-0.51	13675	8176	-13186	2505
Allegheny County, PA	1225365	-3933	-0.32	13193	13995	-5821	3479
San Juan County, NM	115079	-3622	-3.05	1703	1026	-4341	42
St. Louis City, MO	311404	-3471	-1.1	4547	3070	-6189	981
Jefferson County, NY	114006	-3254	-2.78	2000	945	-4674	345



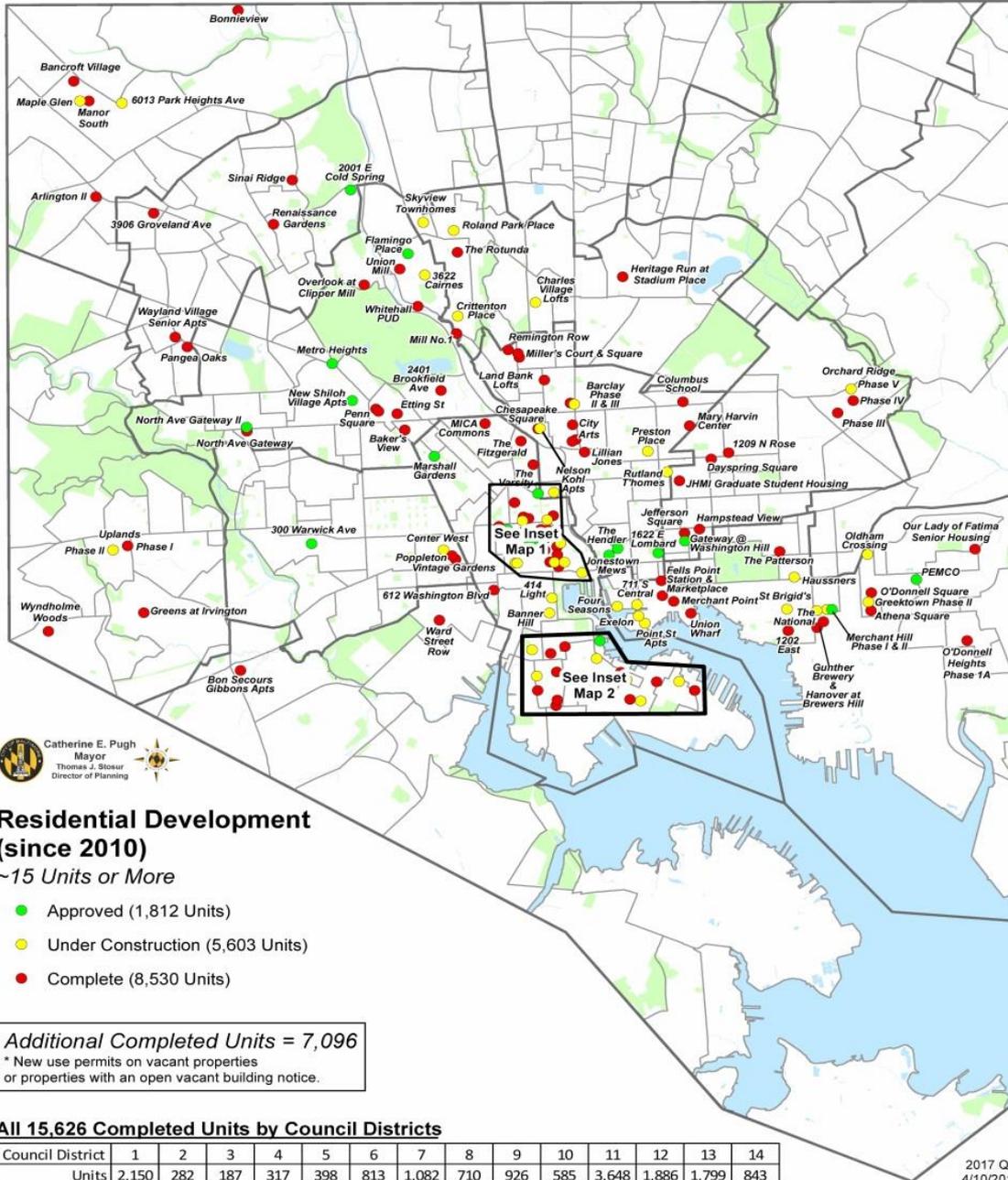
“Cousins”

Population Change (1970=100)

Population Change (1970=100)



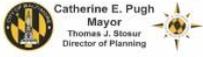
Drop is Counterintuitive: New Units



Since 2010:

+ 15,626
completed new units

+ 5,600
under construction



Catherine E. Pugh
Mayor
Thomas J. Stosur
Director of Planning

Residential Development (since 2010)

~15 Units or More

- Approved (1,812 Units)
- Under Construction (5,603 Units)
- Complete (8,530 Units)

Additional Completed Units = 7,096
* New use permits on vacant properties or properties with an open vacant building notice.

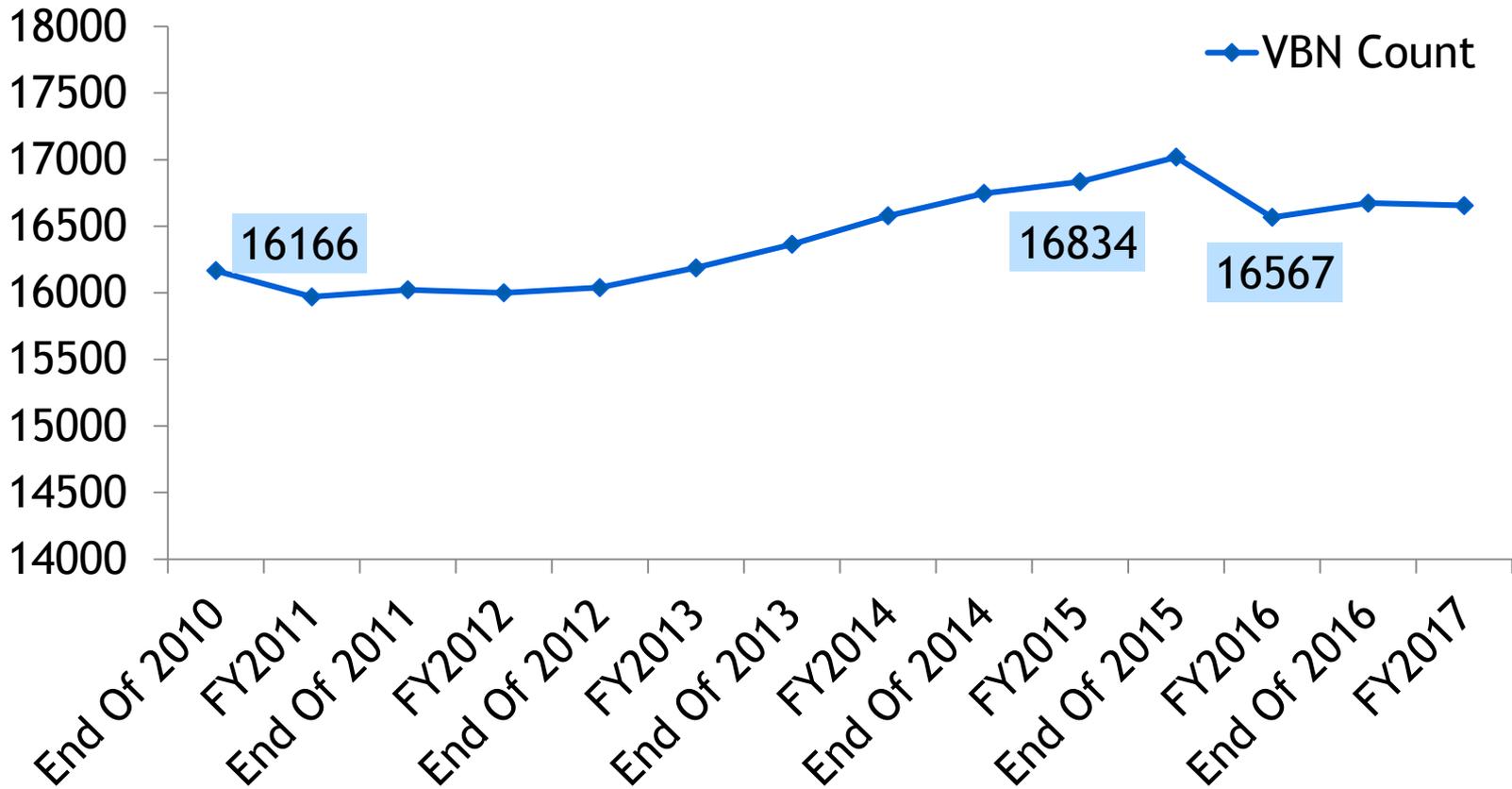
All 15,626 Completed Units by Council Districts

Council District	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Units	2,150	282	187	317	398	813	1,082	710	926	585	3,648	1,886	1,799	843

2017 Q1
4/10/2017



Drop is *Counterintuitive*: Vacancy is fairly flat and falls 2015 to 2016.



Components of Change, 2015 to 2016

- PEP: *Cohort Components*

Total Change	Births	Deaths	Net Migration International	Net Migration Domestic
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Exploring a Challenge

1. Rules for Challenge

REVIEW GUIDE FOR THE POPULATION ESTIMATES CHALLENGE PROGRAM

NOTE: Incorporated places or MCDs that the Census Bureau lists as county-level statistical equivalents (see *Appendix C*) are not eligible for an updated population estimate based upon housing data because they were created using the county-level *Cohort Component method*; they must instead be challenged with updated data based upon births, deaths, migration, and group quarters.

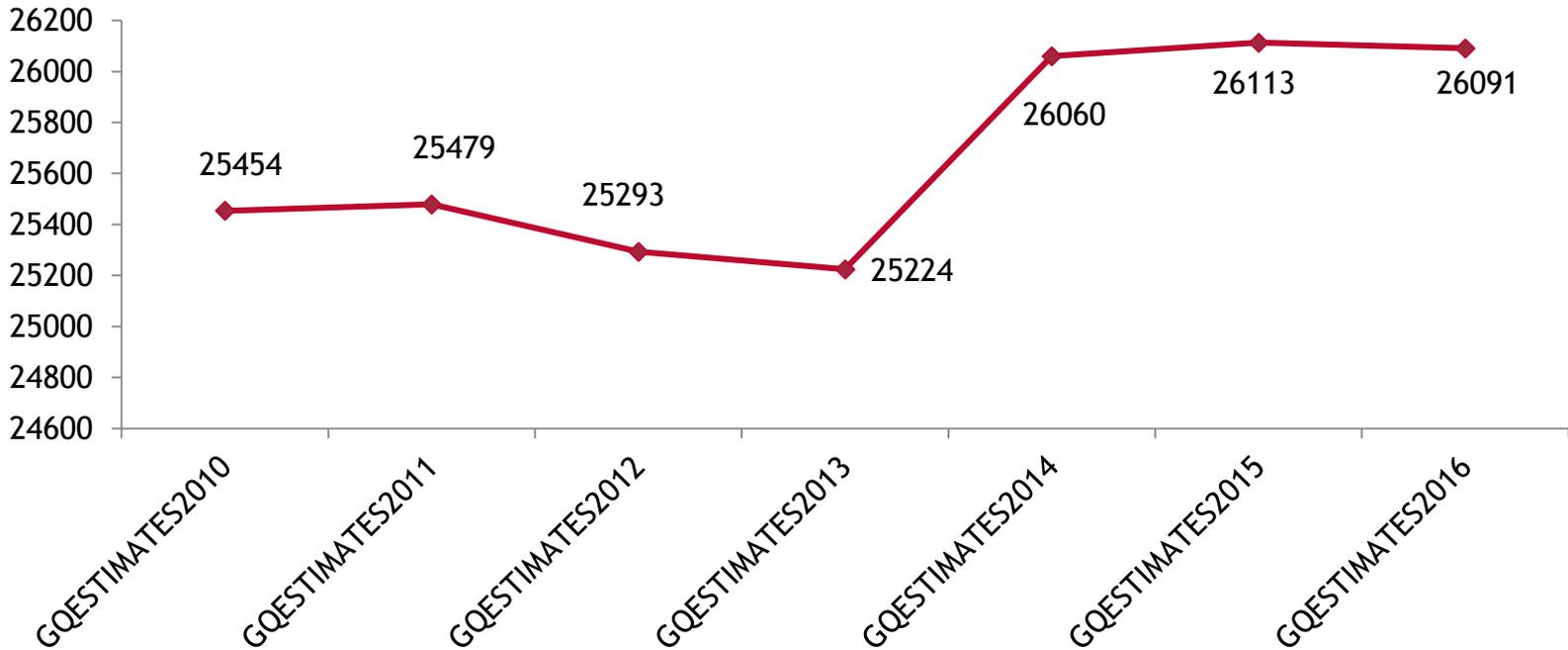
County jurisdictions (including Baltimore) ***are not able to use housing data*** as part of a challenge.



Exploring a Challenge

1. Rules for Challenge

2. Group Quarters data



- State of Maryland Vital Statistics Administration within the Department of Health and Mental Hygiene (Federal-State Cooperative Program for Local Population Estimates)



Exploring a Challenge

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes



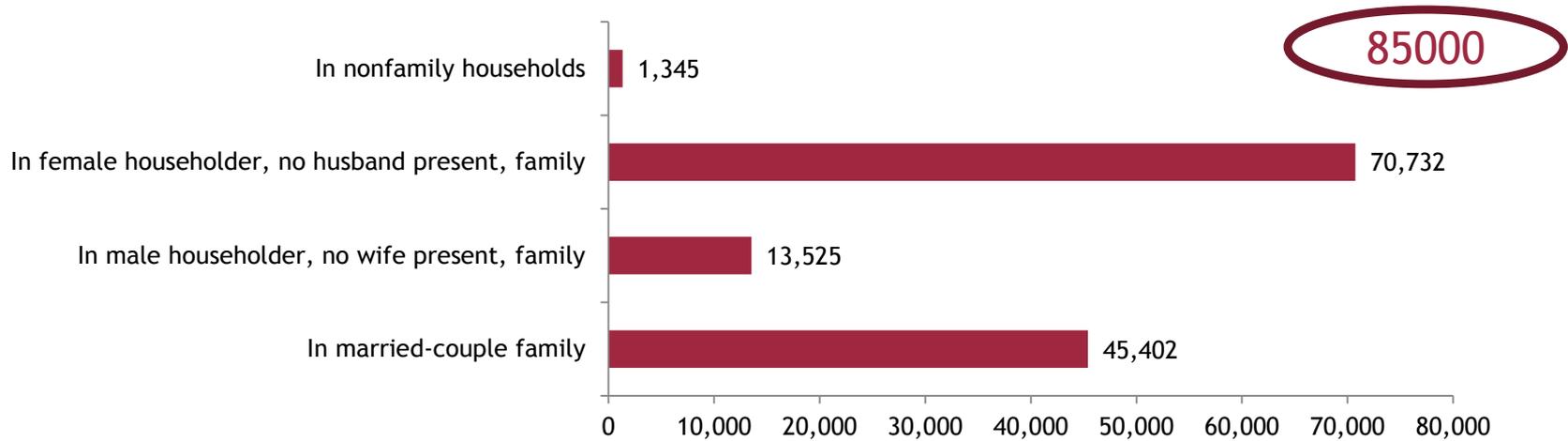
We changed the way we handle tax records from the Internal Revenue Service (IRS) for people ages 0-17. When duplicate records are found for children, we now select the dependent record instead of the primary filer record. This selection changes the under 18 net migration rates and the population by demographic characteristics in some states and counties.



Exploring a Challenge

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes

Under 18 Population by Family Household Type



Exploring a Challenge

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes <<100 individuals



Exploring a Challenge:

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes
4. Intra-Region Migration Trends

AREA:	IN-MIGRATION			OUT-MIGRATION			NET MIGRATION	
	FROM:			TO:			(IN-OUT):	
	ESTIMATE	(+/-) MOE	PERCENT	ESTIMATE	(+/-) MOE	PERCENT	ESTIMATE	(+/-) MOE
Total Migration	37,848	1,897		38,182	1,951		-334	2,721
Intra-U.S. Migrants	33,997	1,813	100.0%	38,182	1,951	100.0%	-4,185	2,663
Intra-State Migrants	20,521	1,514	60.4%	21,212	1,480	55.6%	-691	2,117
Baltimore Region	15,392	1,312	45.3%	17,004	1,377	44.5%	-1,612	1,901
Anne Arundel	2,590	486	7.6%	2,460	459	6.4%	130	668
Baltimore County	10,299	1,130	30.3%	12,302	1,221	32.2%	-2,003	1,664
Carroll	307	110	0.9%	296	131	0.8%	11	171
Harford	736	228	2.2%	919	263	2.4%	-183	348
Howard	1,460	379	4.3%	1,027	327	2.7%	433	501
Baltimore City	0	0	0.0%	0	0	0.0%	0	0

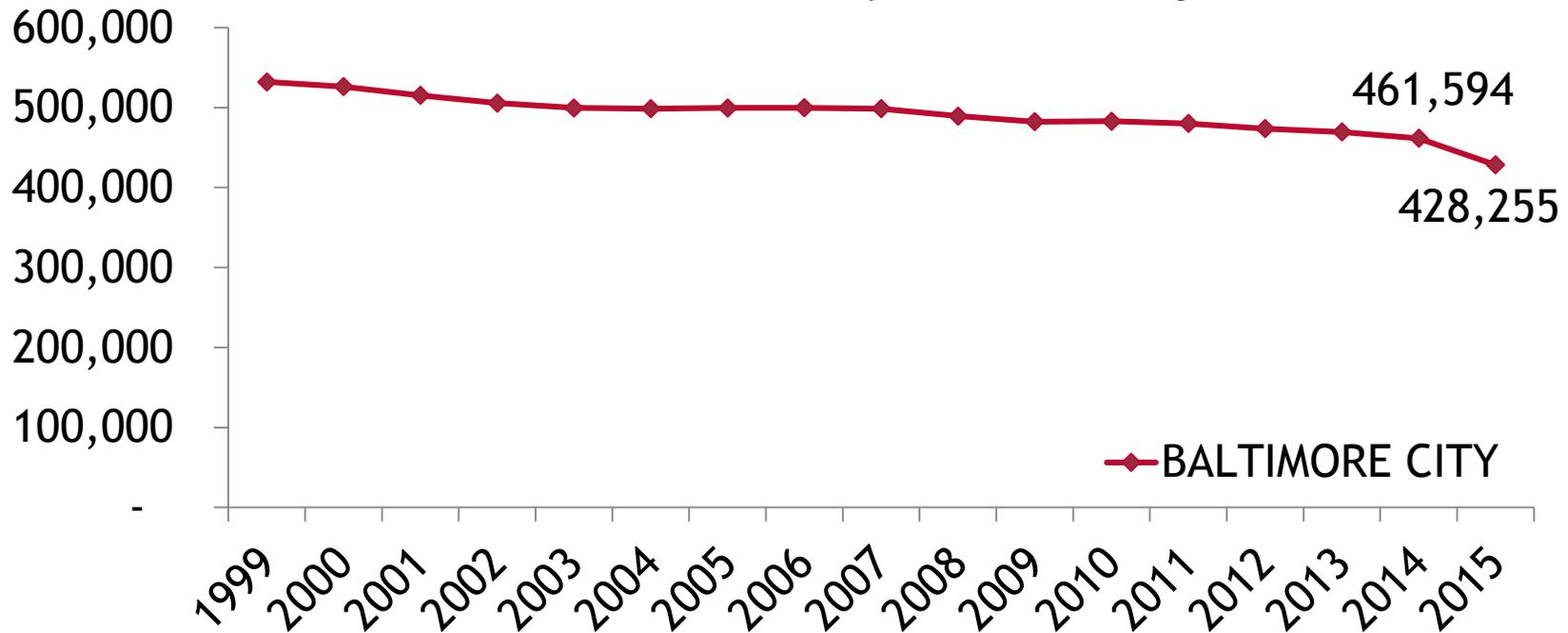
Source: Maryland Department of Planning, American Community Survey (2010-2014)



Exploring a Challenge:

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes
4. Intra-Region Migration Trends

Baltimore City State Tax Filings



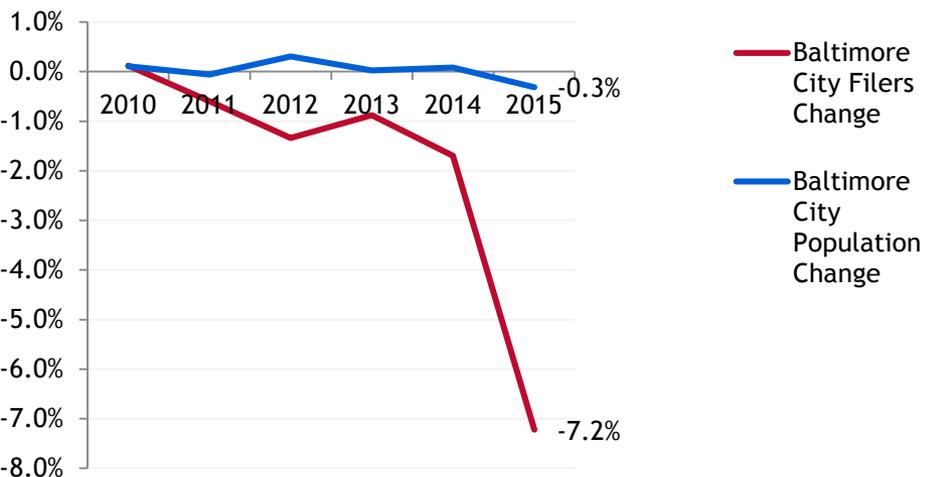
Source: Comptroller of Maryland, Bureau of Revenue Estimates



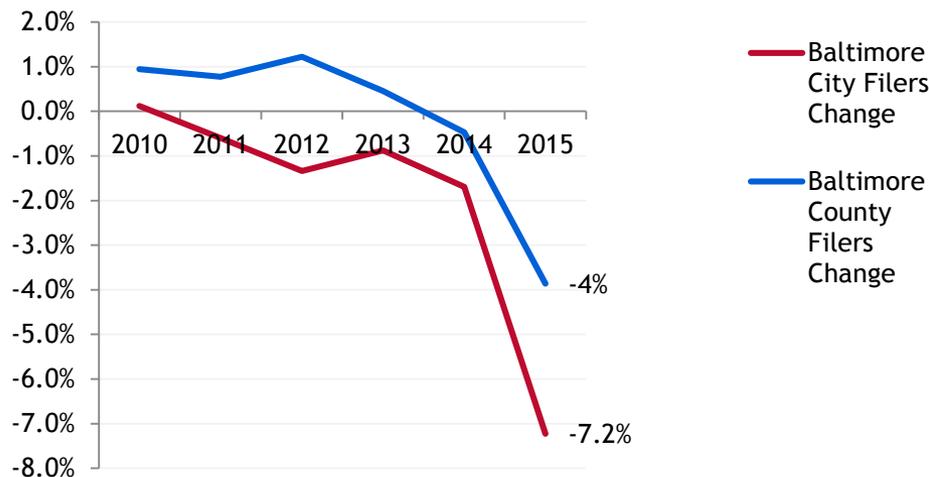
Exploring a Challenge:

1. Rules for Challenge
2. Group Quarters data
3. Methodological changes
4. Intra-Region Migration Trends

Change in Population and State Tax Filers



Change in Population and State Tax Filers



Source: Comptroller of Maryland, Bureau of Revenue Estimates



Exploring a Challenge:

- ✓ Rules for Challenge
- ✓ Group Quarters data
- ✓ Methodological changes
- ✓ Intra-Region Migration



Agenda

2016 PEP Estimate

Housing and Development Data

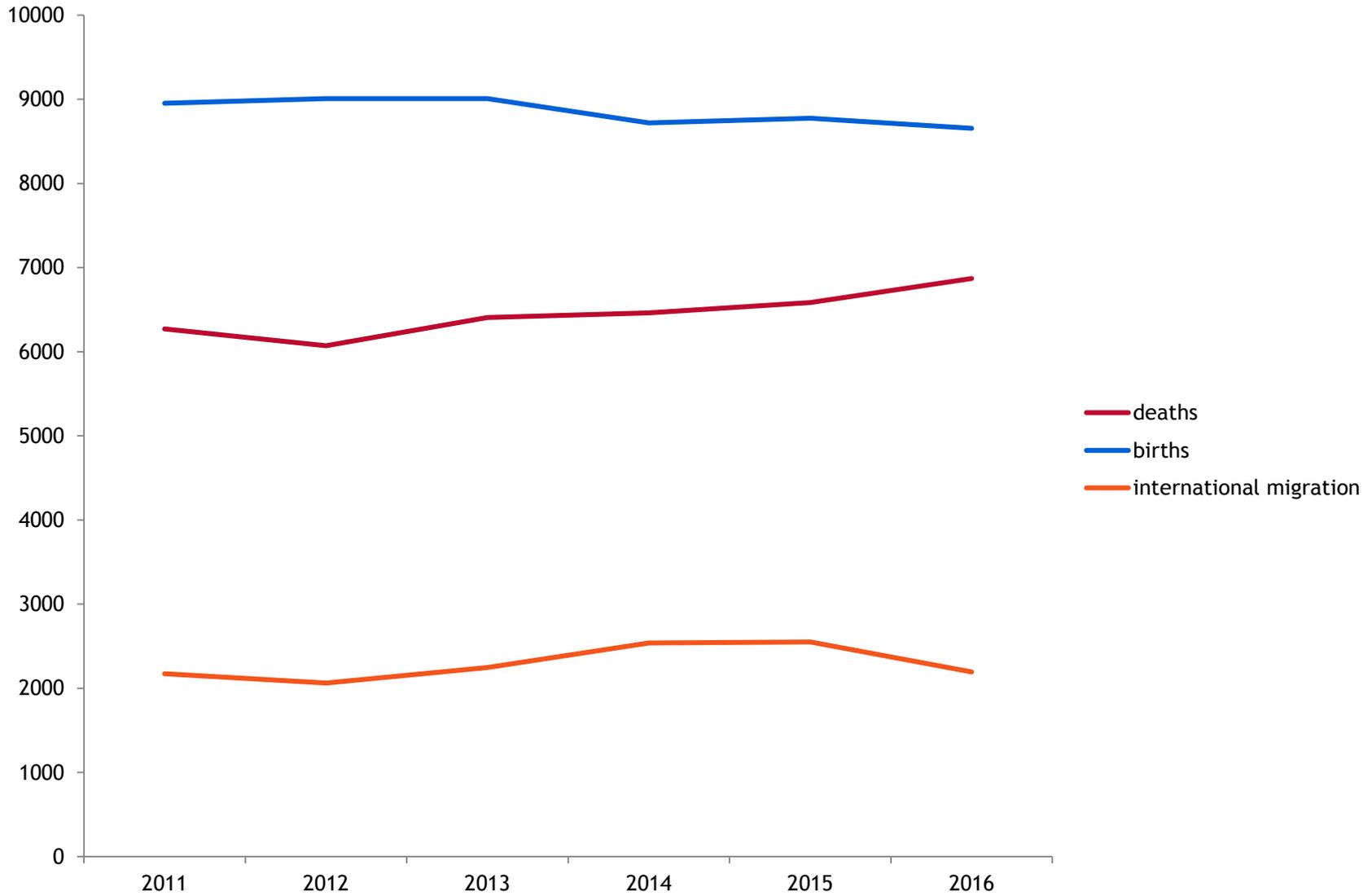
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Moving On: Nature of Population Change

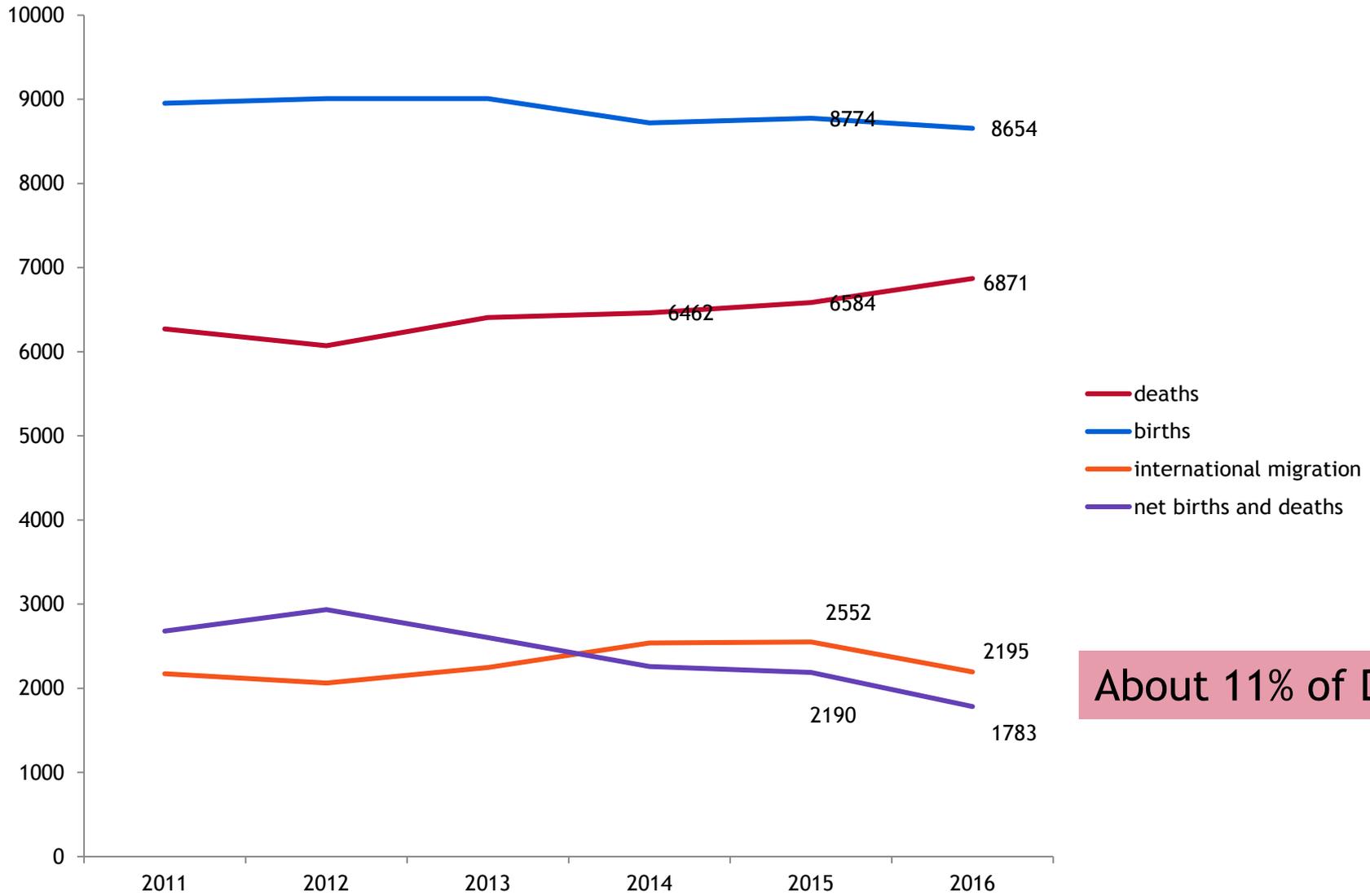
Policy Implications



Other PEP Components



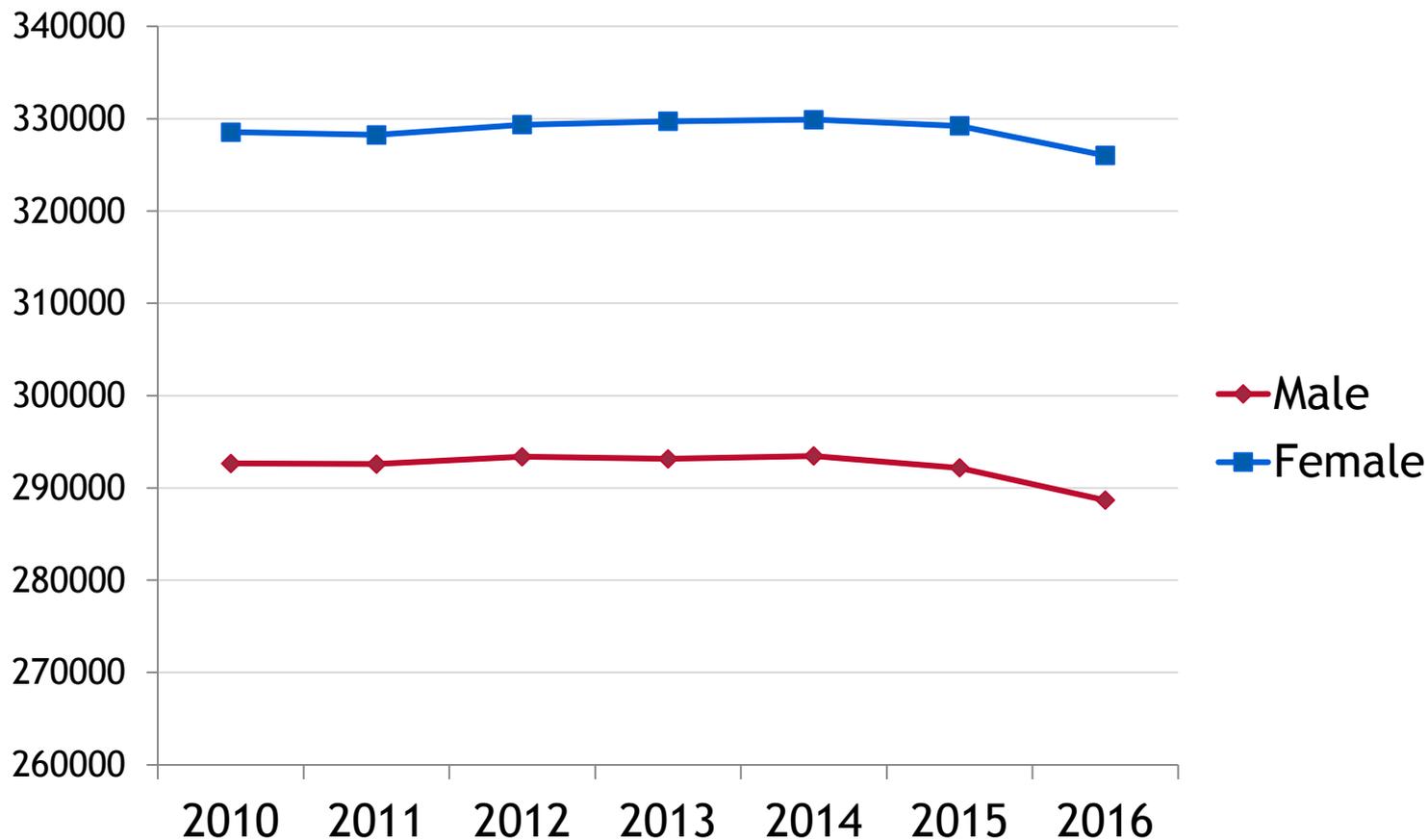
Other PEP Components are 11% of the loss.



About 11% of Drop.



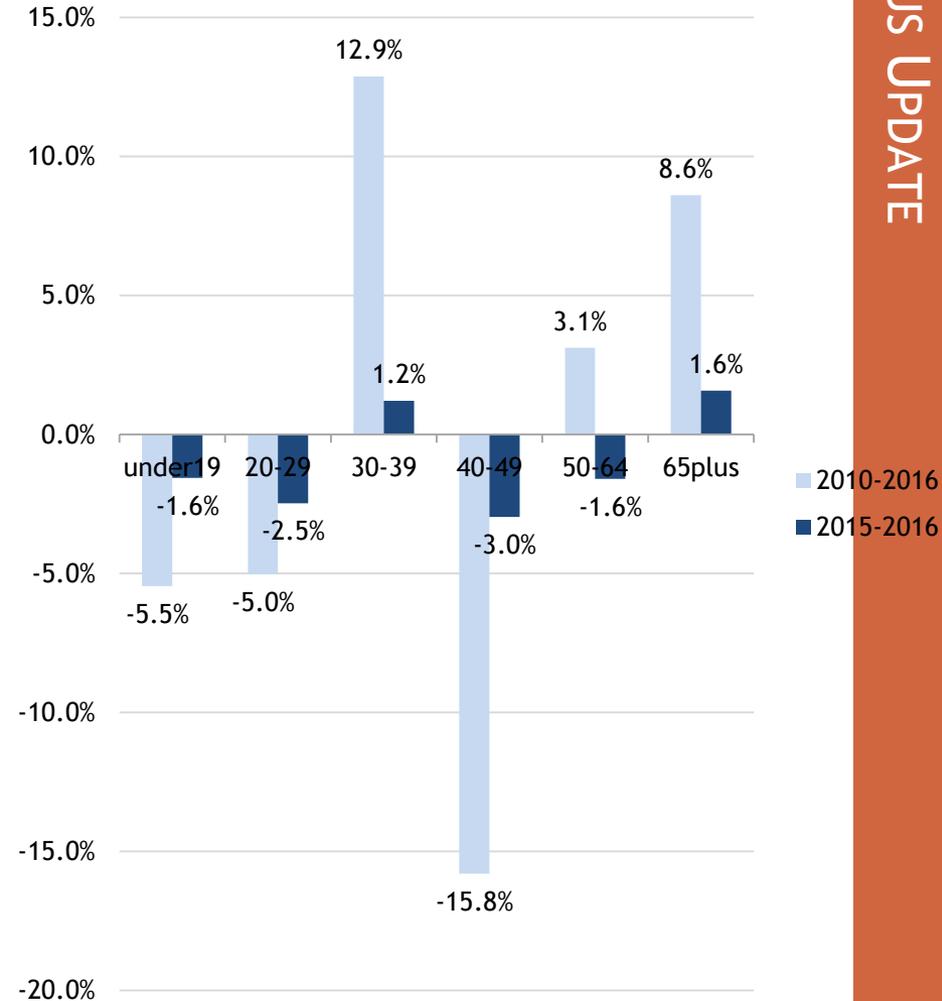
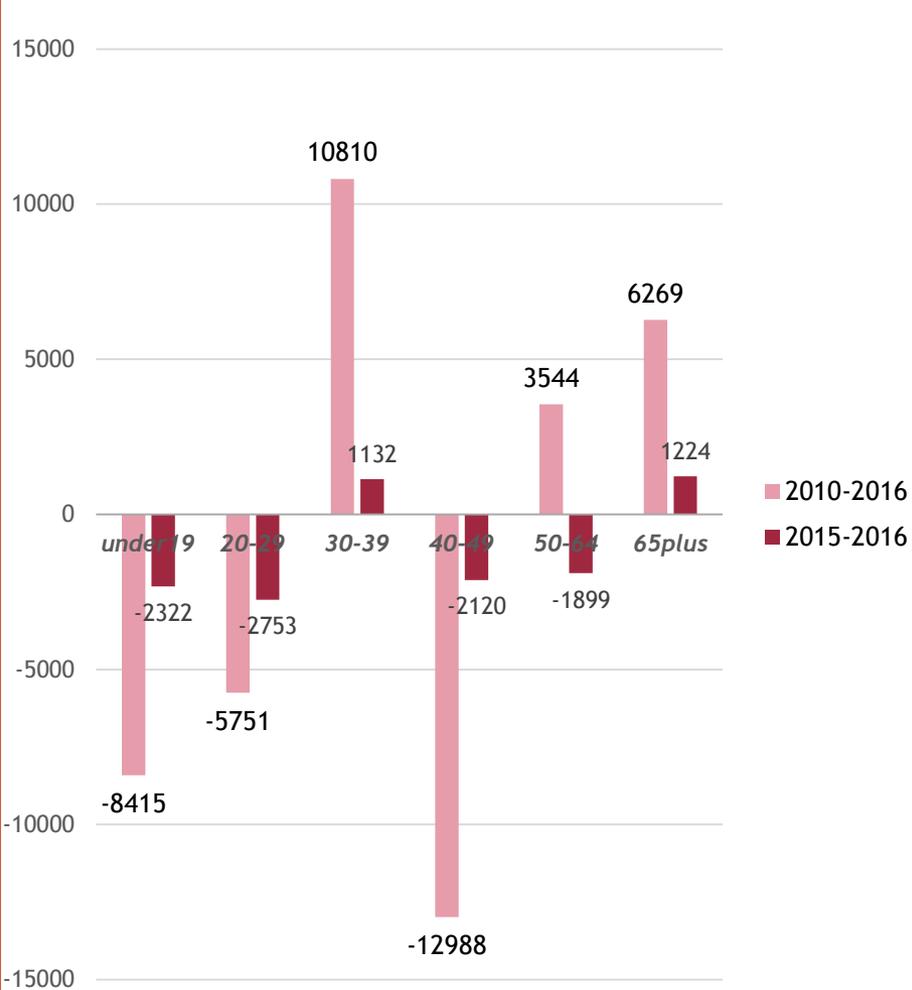
Characteristics of Population Change: *Gender*



Source: Population Estimates Program, 2010-2016



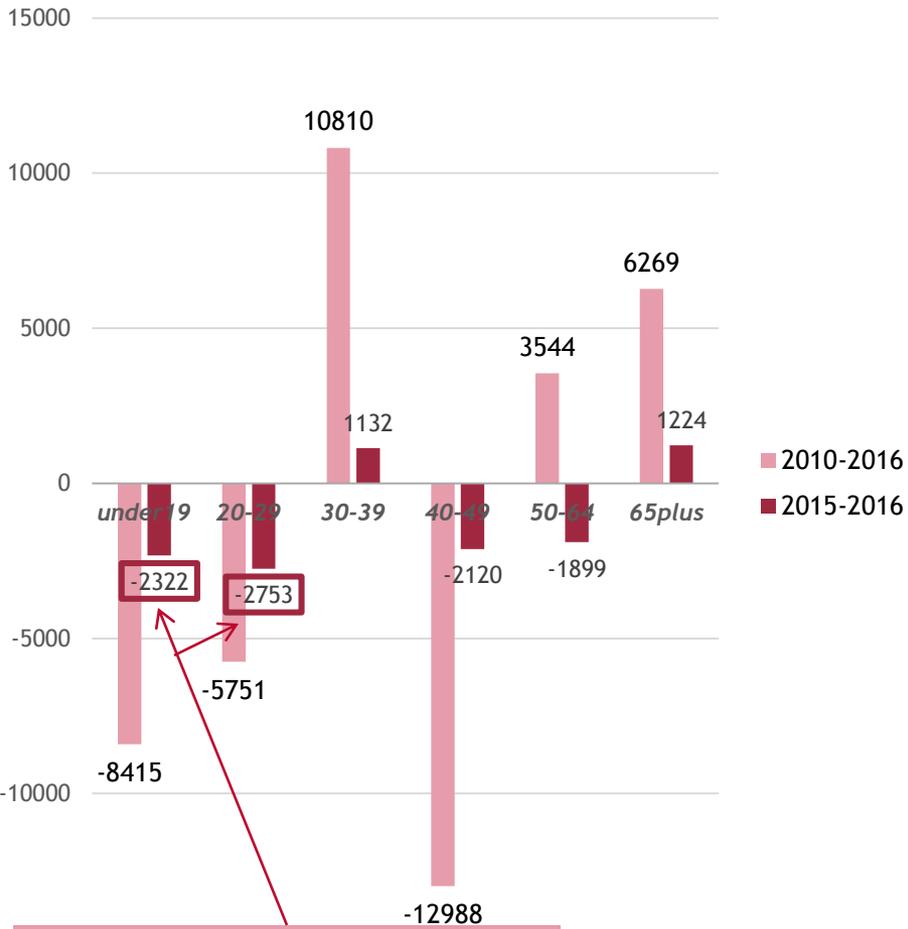
Characteristics of Population Change: Age



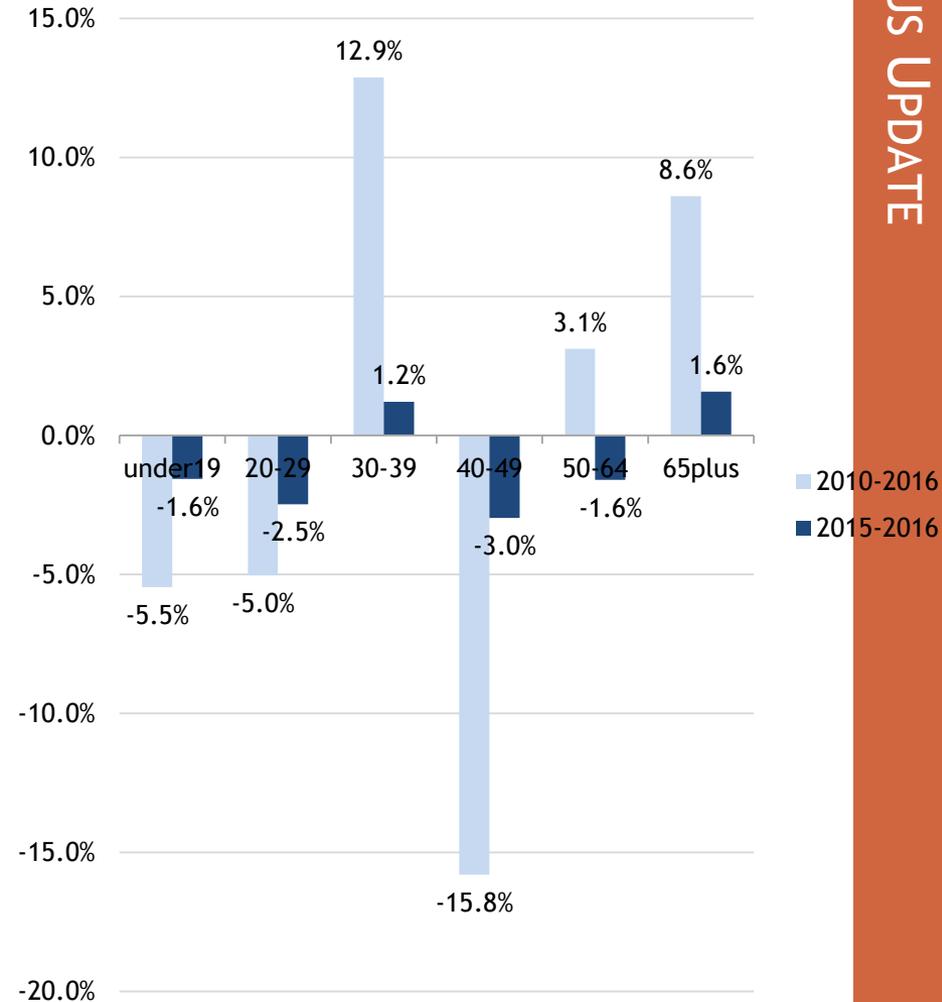
Source: Population Estimates Program, 2010-2016



Characteristics of Population Change: Age



75% of Drop.

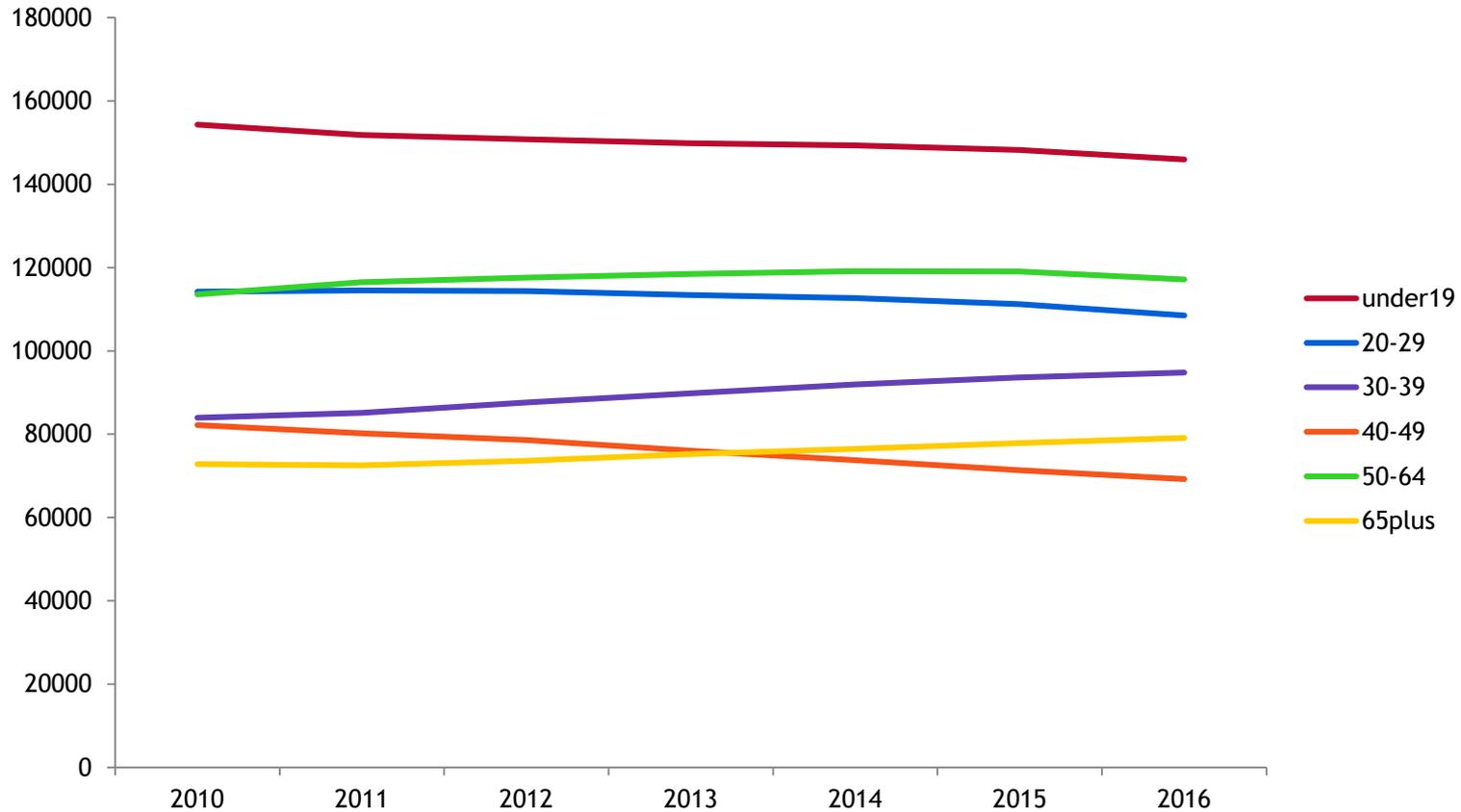


Source: Population Estimates Program, 2010-2016



Characteristics of Population Change: Age

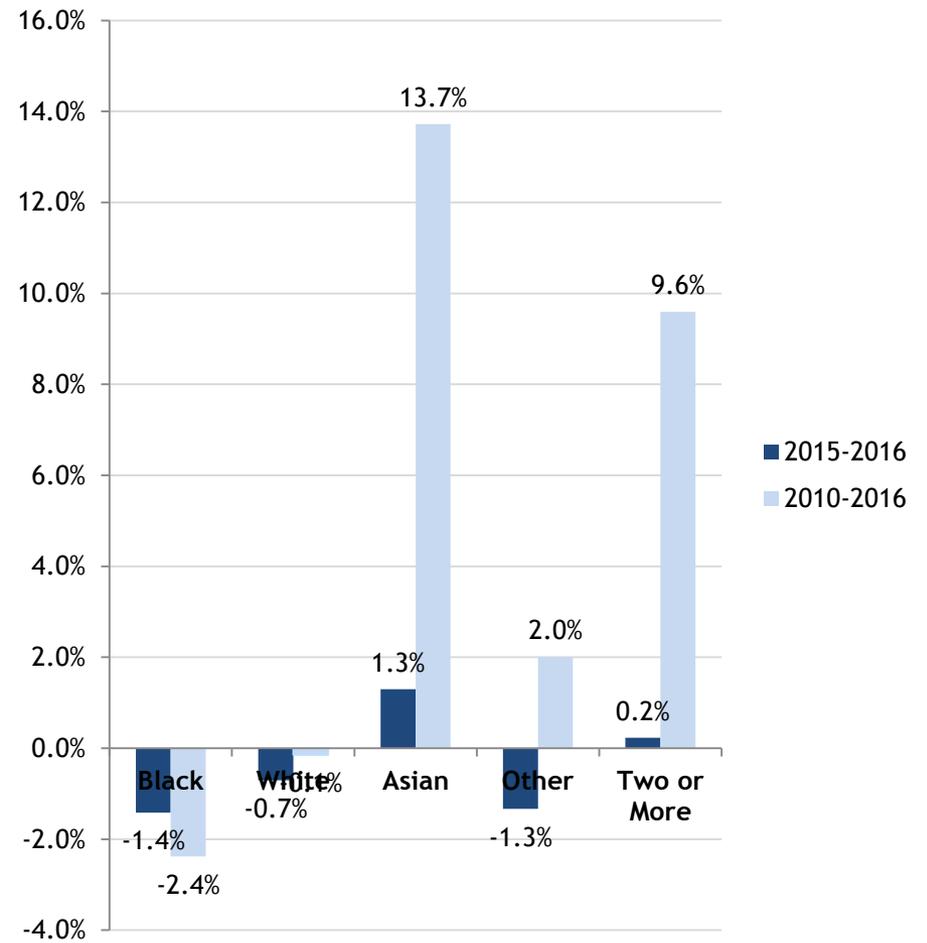
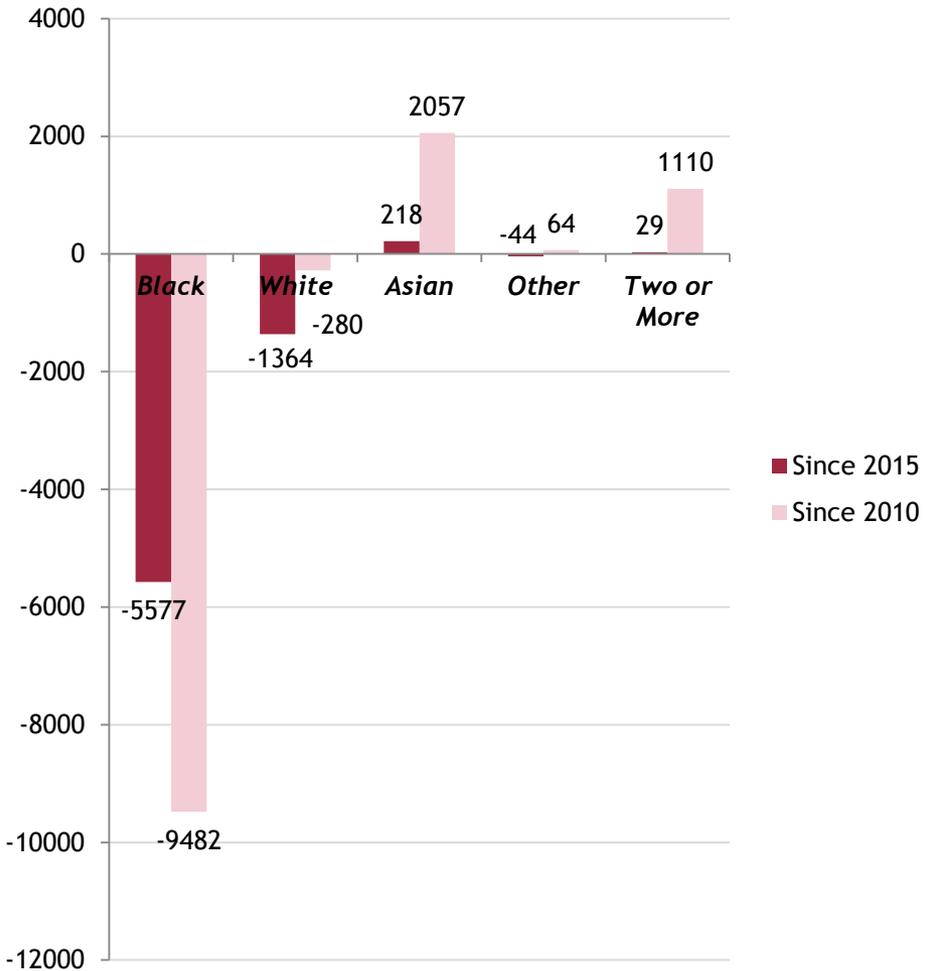
Baltimore City Population by Age Group



Source: Population Estimates Program, 2010-2016



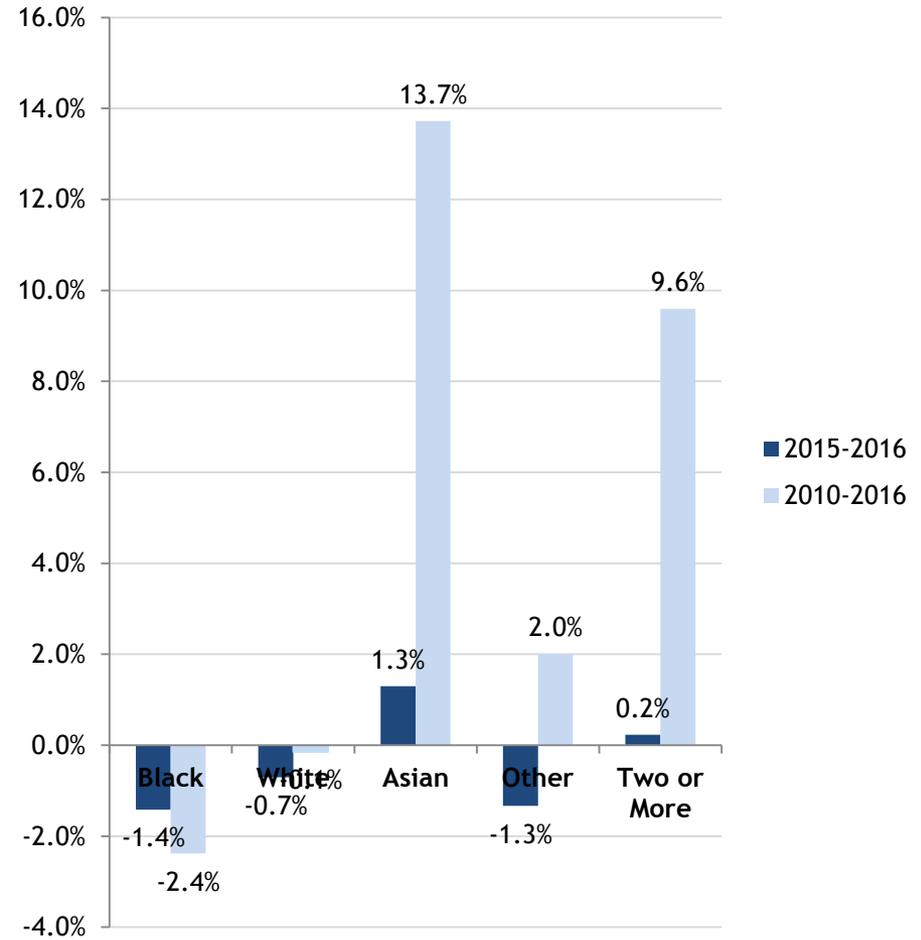
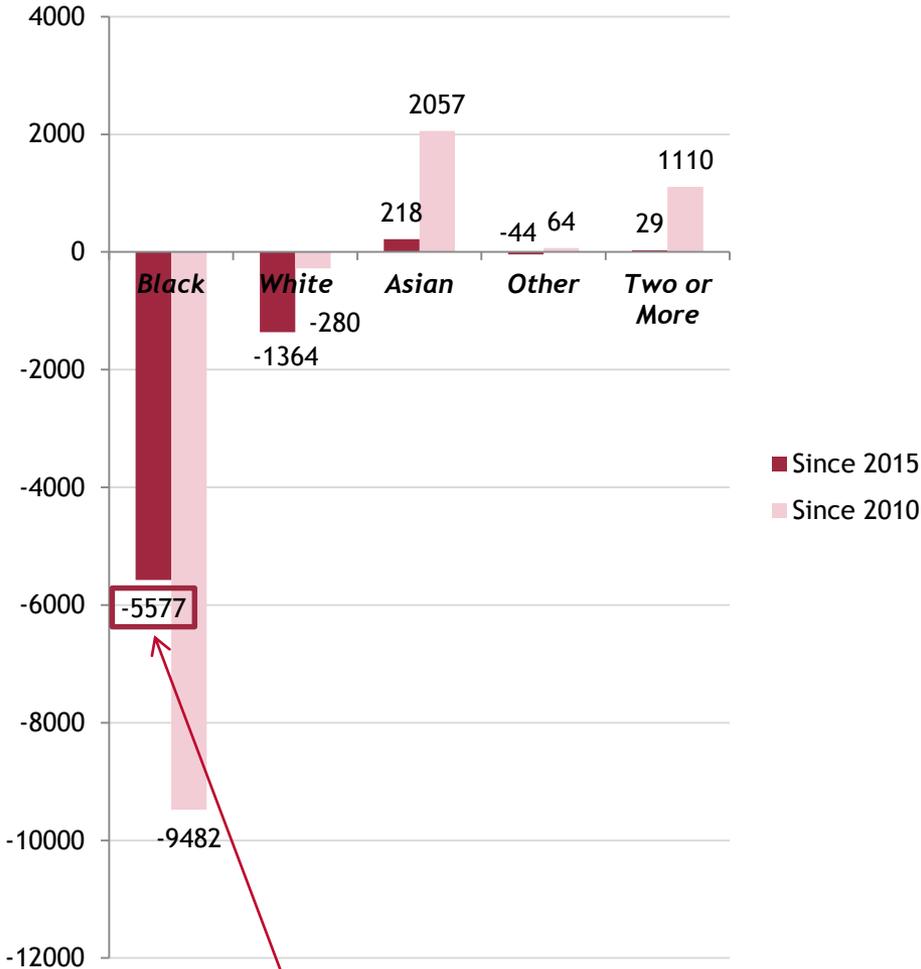
Characteristics of Population Change: Race



Source: Population Estimates Program, 2010-2016



Characteristics of Population Change: Race



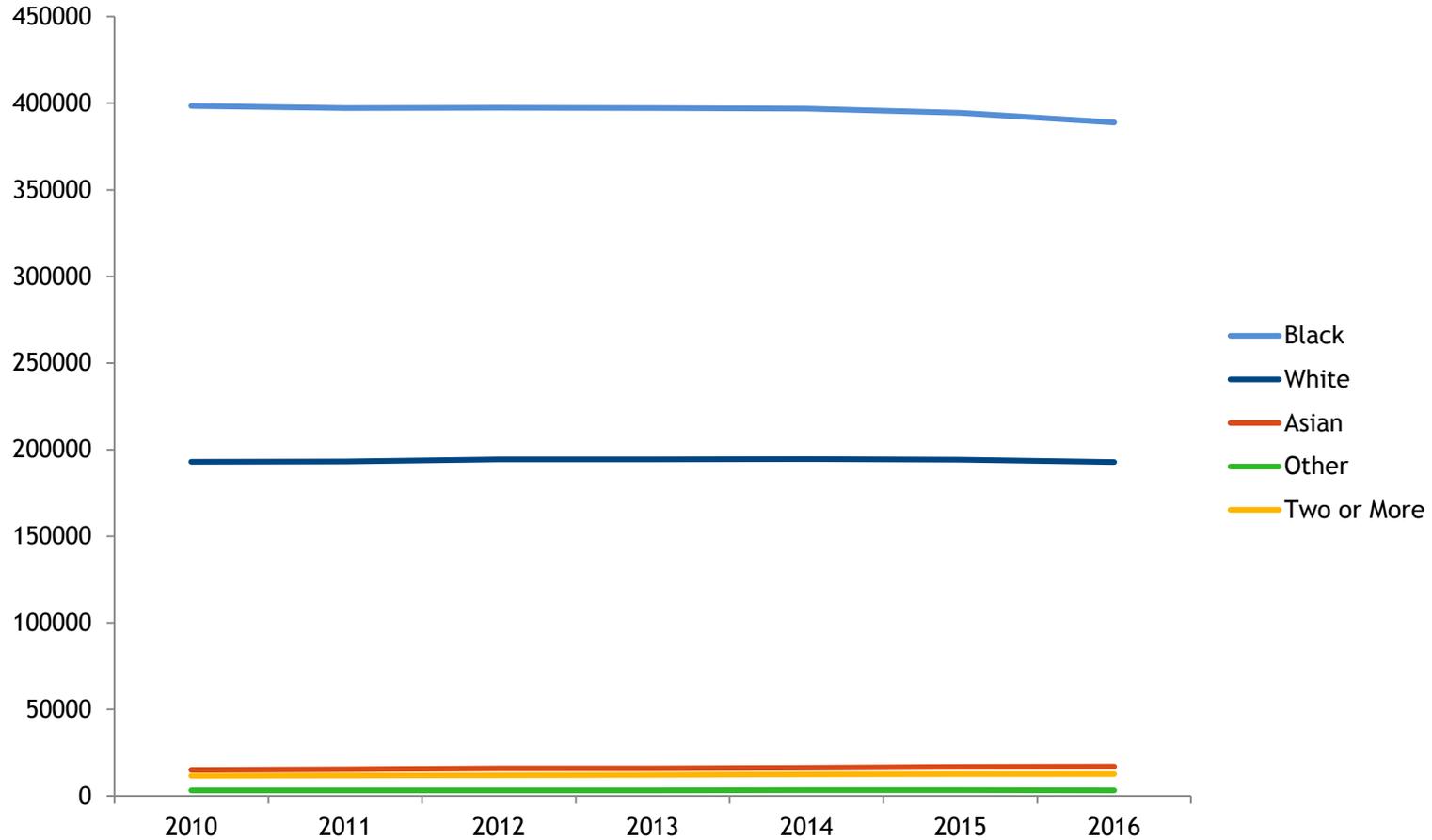
82% of Drop.

Source: Population Estimates Program, 2010-2016



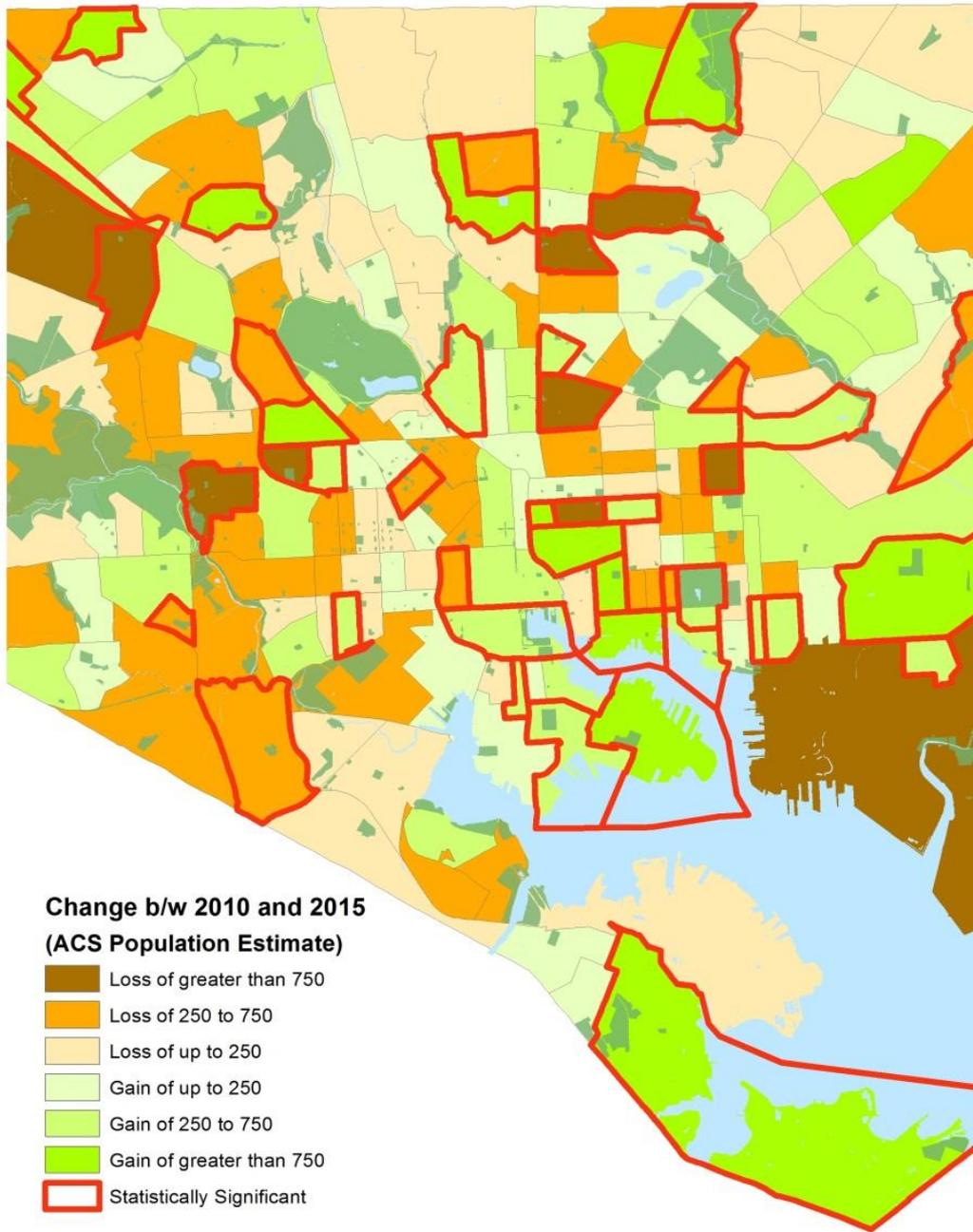
Characteristics of Population Change: *Race*

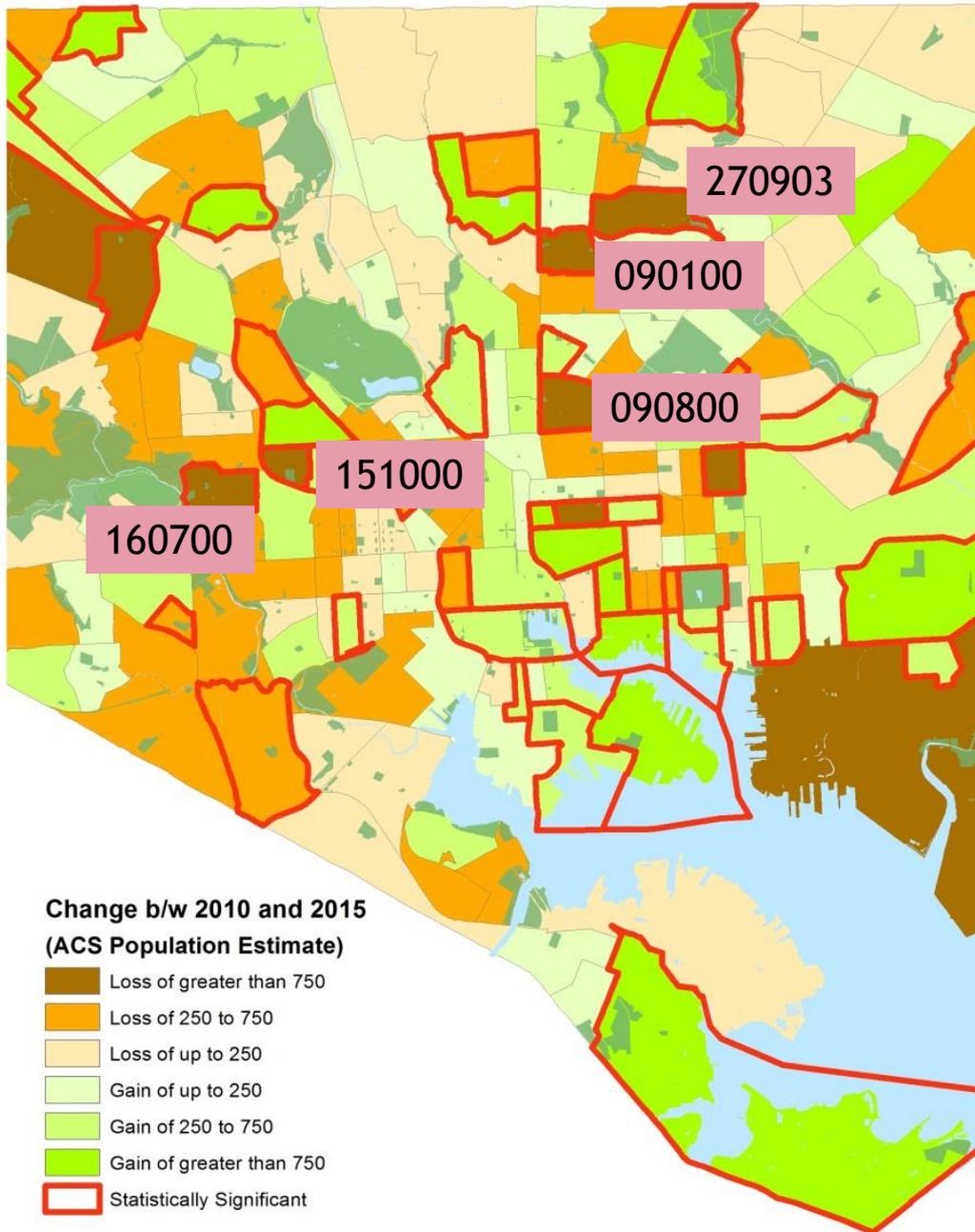
Population Change by Race



Source: Population Estimates Program, 2010-2016

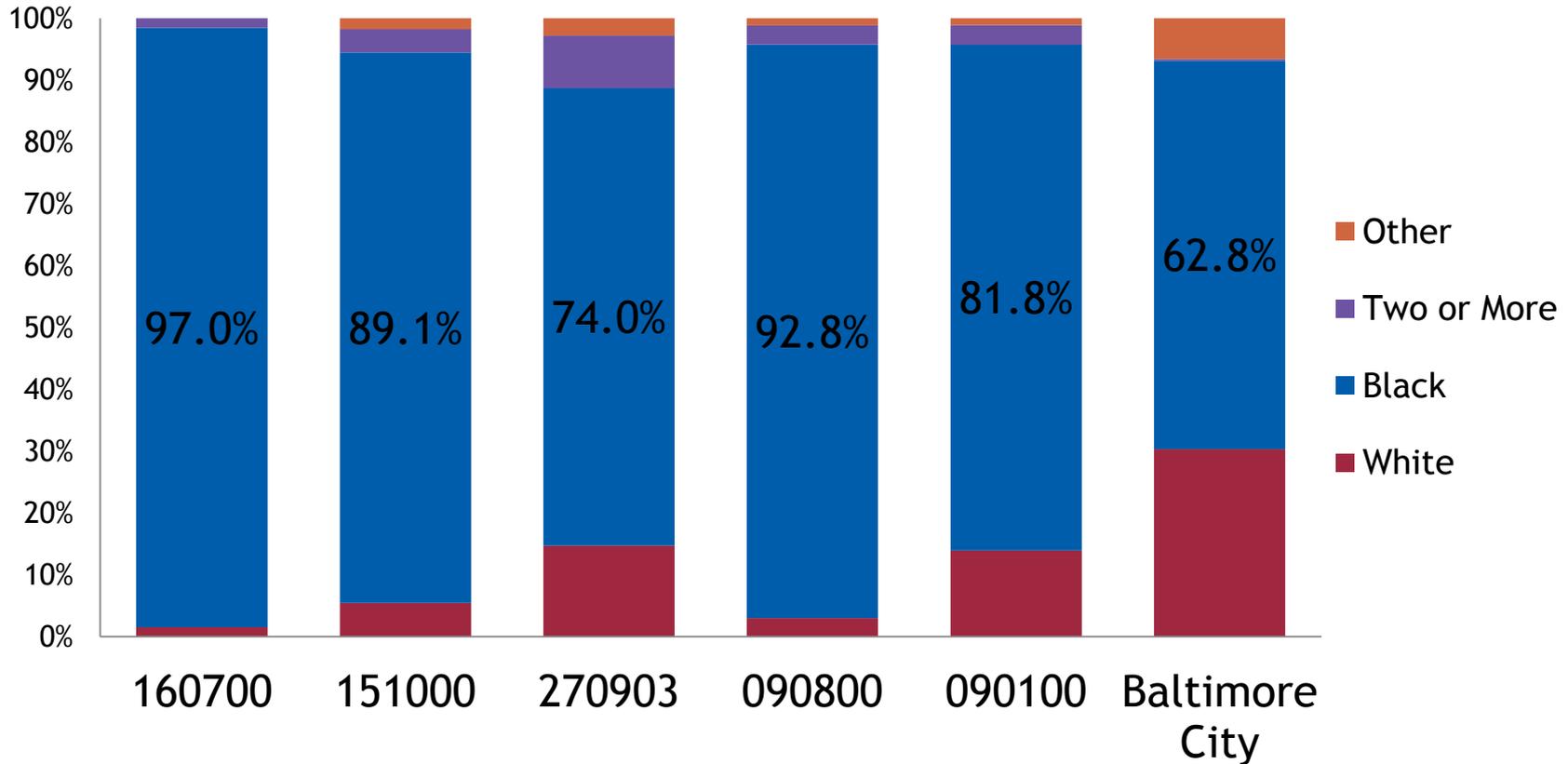






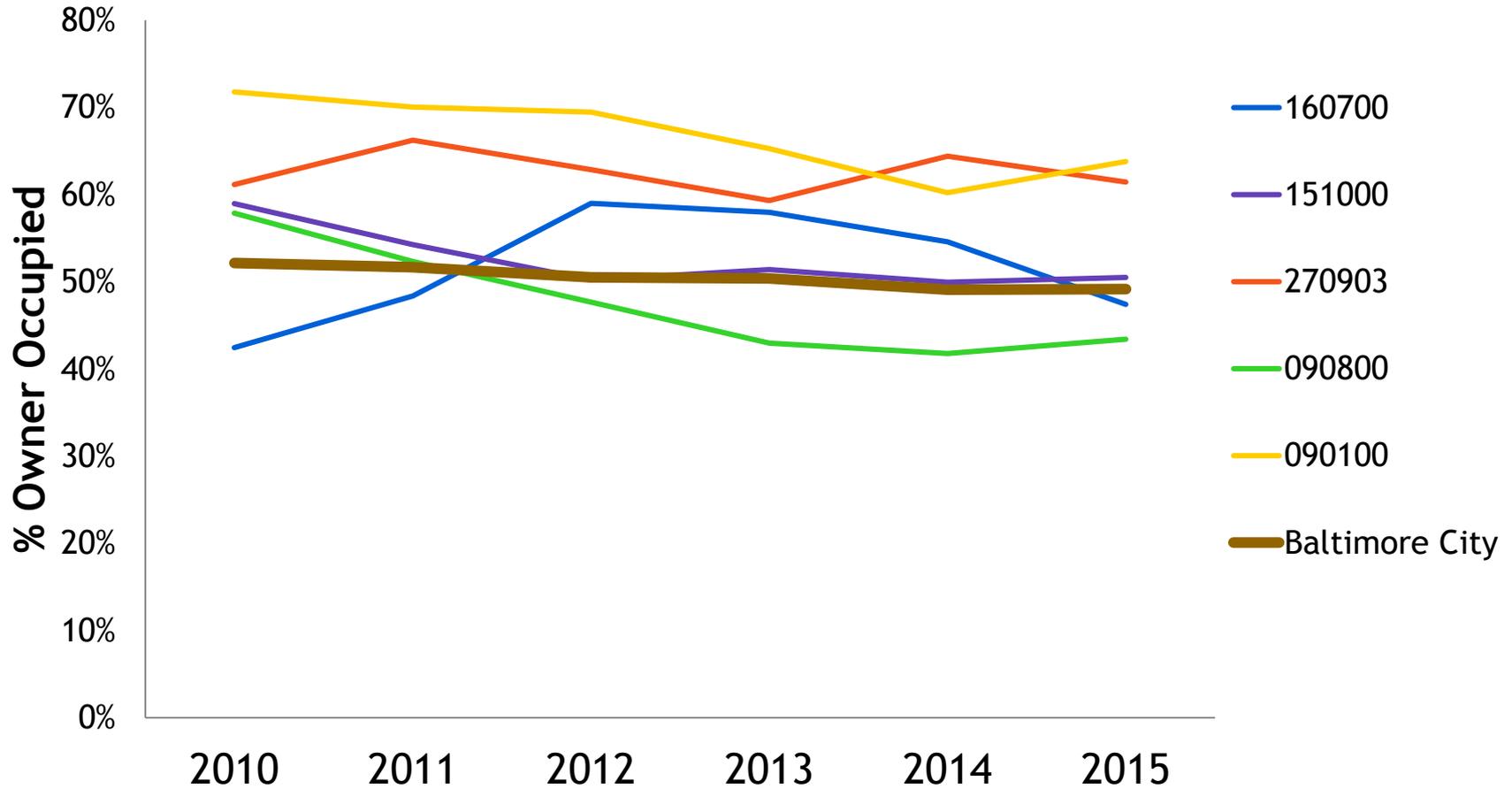
Characteristics of Declining Tracts: *Predominantly African American*

Population by Race



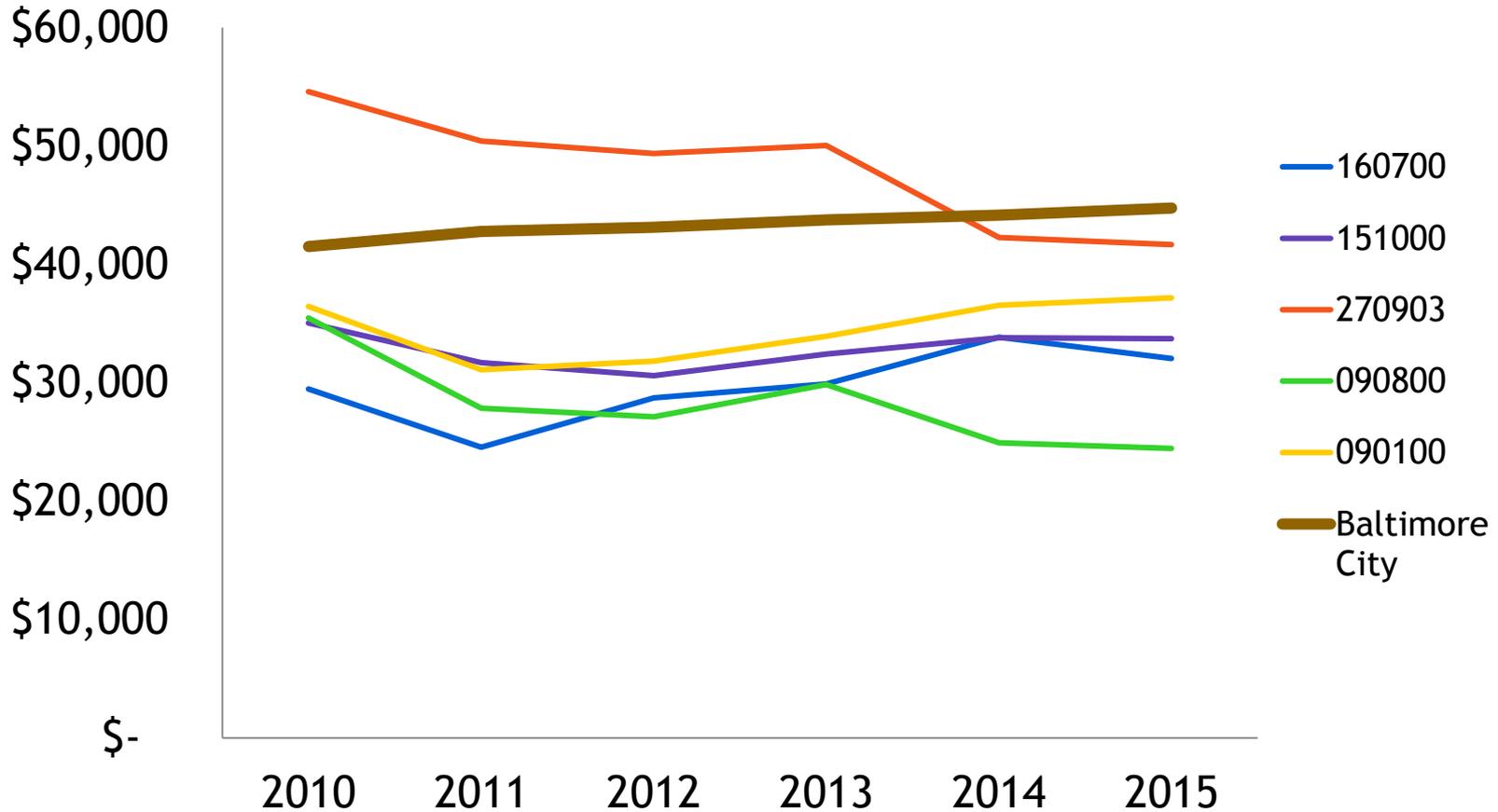
Characteristics of Declining Tracts: *Above Avg Owner Occupancy*

% Owner Occupied



Characteristics of Declining Tracts: *Lower Middle Income*

Median Income



Census Update

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Moving On: Nature of Population Change

Policy Implications



Families families famliies: schools, safety, housing stock.

Capture the millennials: amenities, urbanity.

Ensure growth isn't a "sugar high".

Examine middle income and "aging out" communities and target home ownership and elderly support.

Probably a hundred other things as well.



Thanks!



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Baltimore City Department of Planning

