

ACCESSIBILITY ANALYSIS FOR ROUND 9.1 COOPERATIVE FORECAST

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COG Community Planning and Services

Planning Directors Technical Advisory Committee
March 15, 2019

The First Hurdle: Amount



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Current Hurdle: Analyzing Accessibility and Affordability



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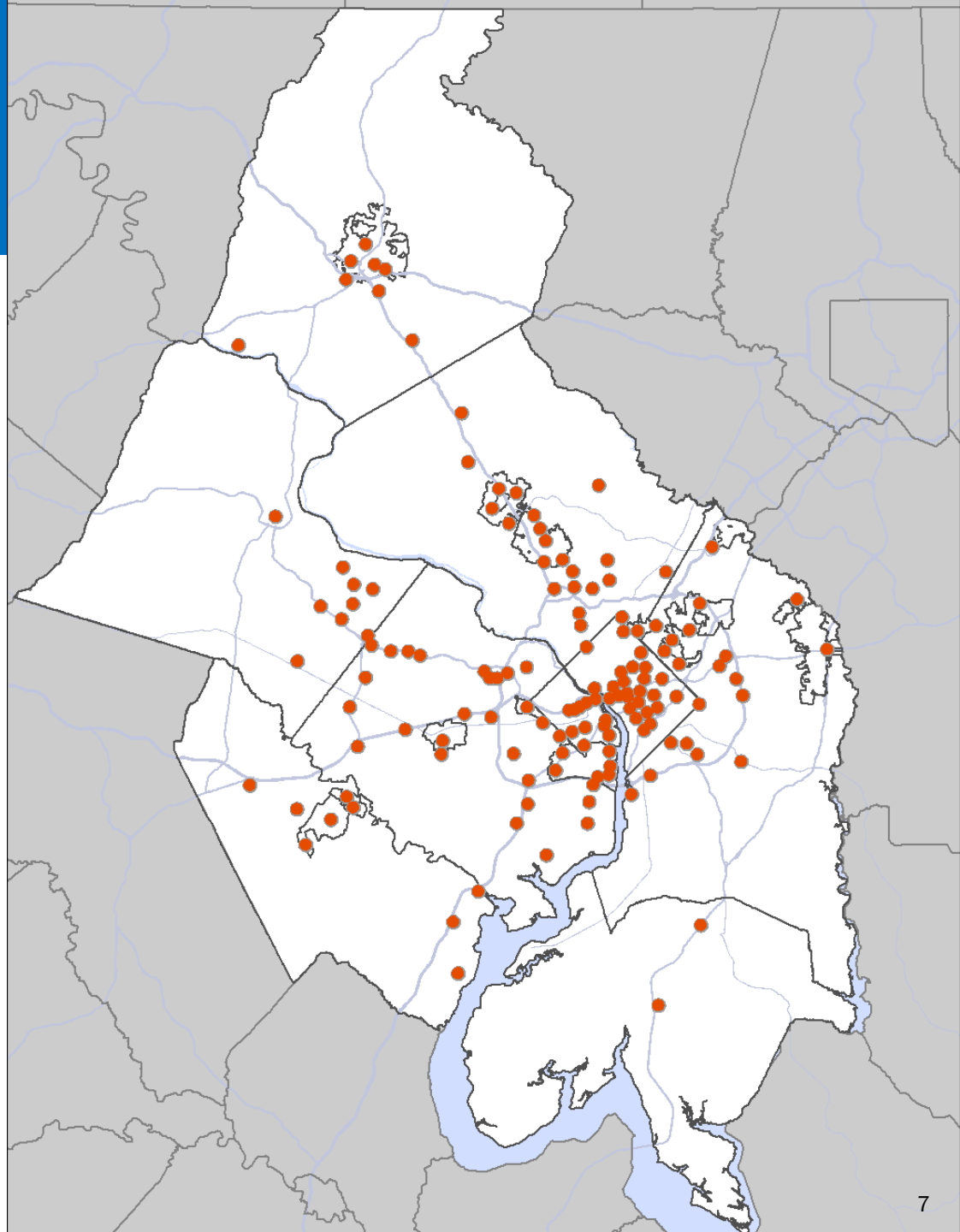


Geographic Areas Related to Future Growth

- Activity Centers
 - communities that can accommodate future growth
- High Capacity Transit Stations
 - Built within next 27 years in Visualize 2045 transportation plan
 - Metrorail
 - Commuter Rail
 - Light Rail
 - Bus Rapid Transit
 - Streetcar

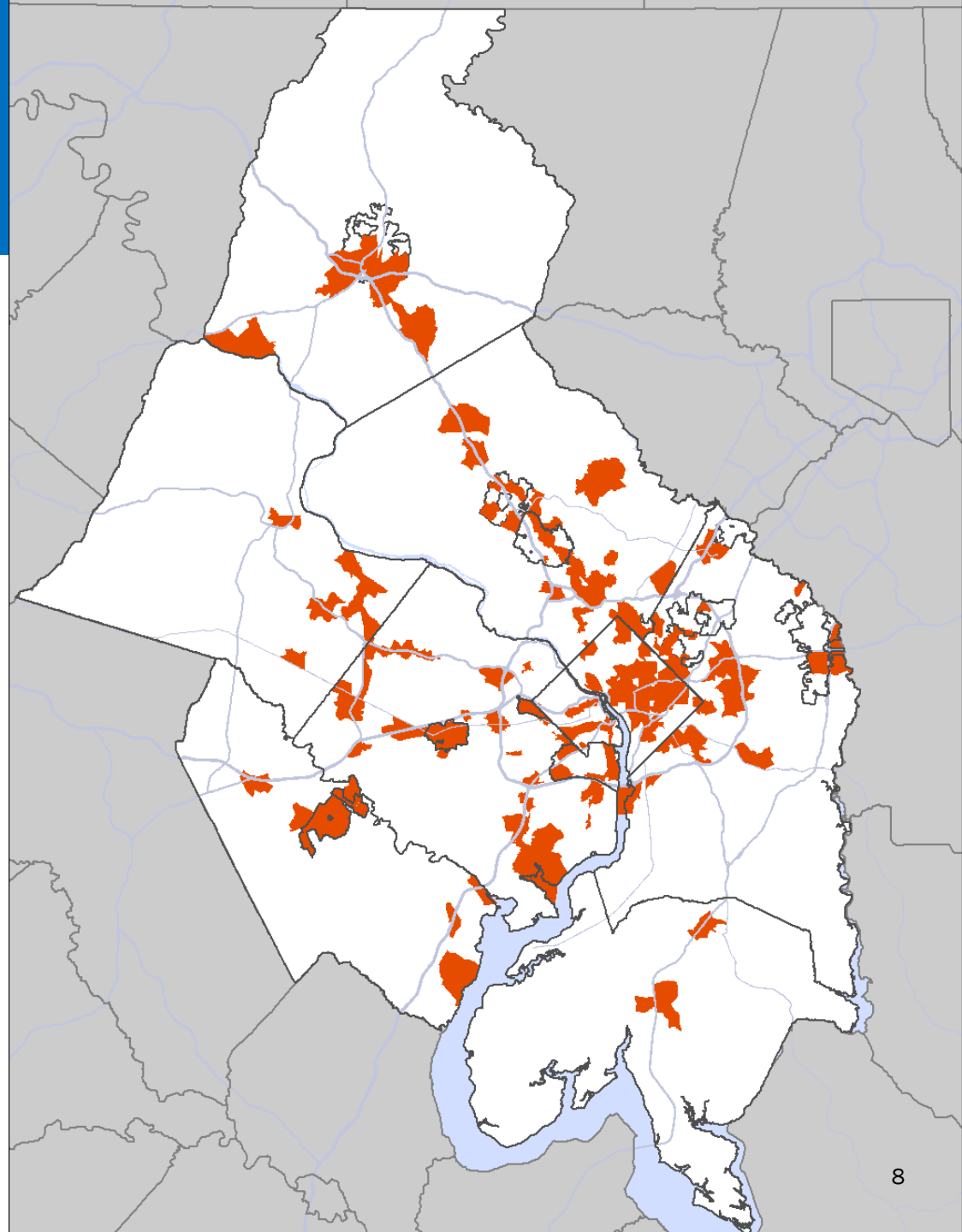
Regional Activity Centers

- 141 Regional Activity Centers
 - ½ Mile Radius “Circles”
- Developed in 2012 by Planning Directors Committee and local planning staff
- Approved by COG Board in January 2013



Regional Activity Centers

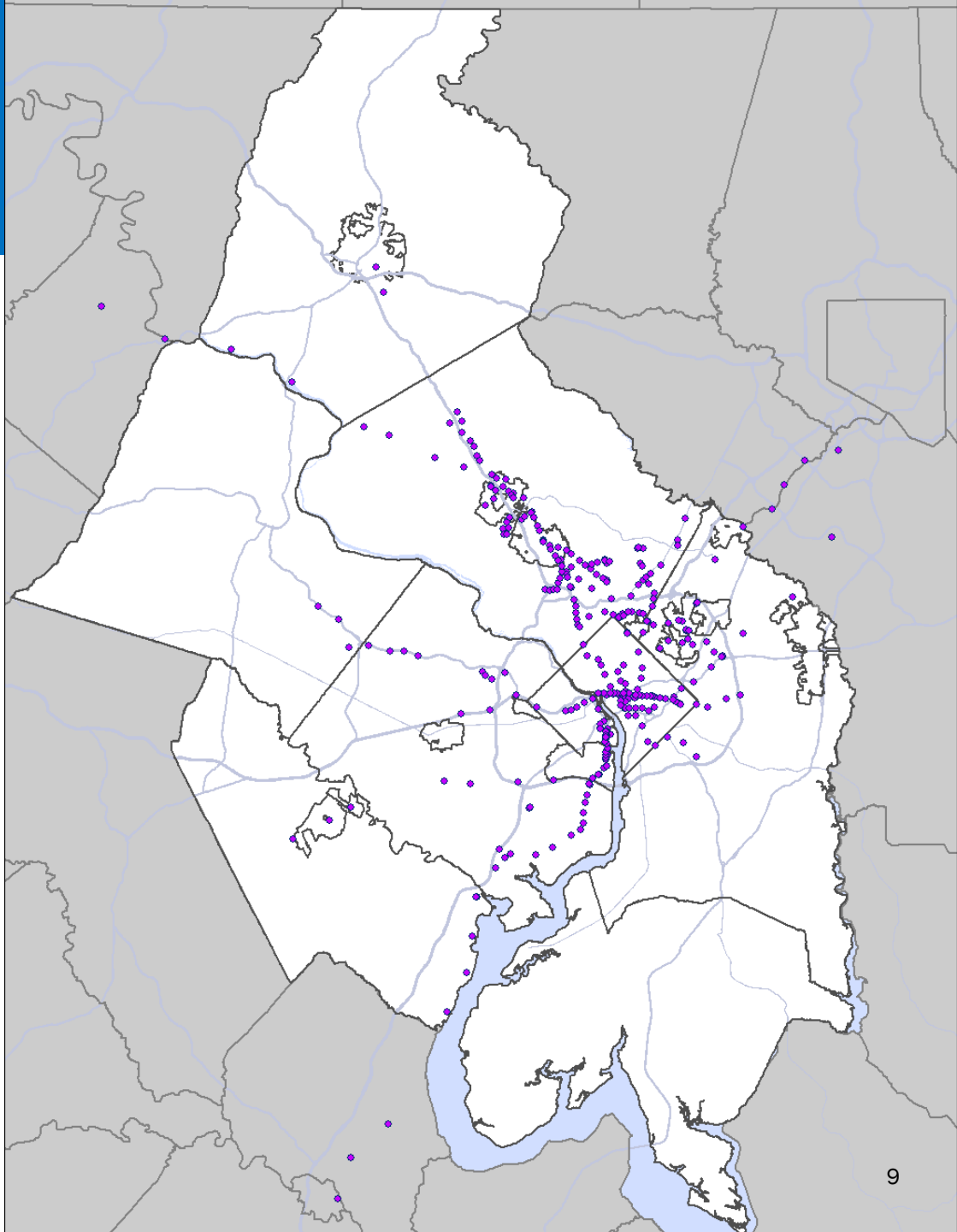
- 141 Regional Activity Centers
 - TAZ Analysis Areas
- 75% of the region's employment growth (2015-2045) will be in Activity Centers
- 64% of the region's household growth (2015-2045) will be in Activity Centers



Source: Round 9.1 Cooperative Forecast

High Capacity Transit Stations In 2045

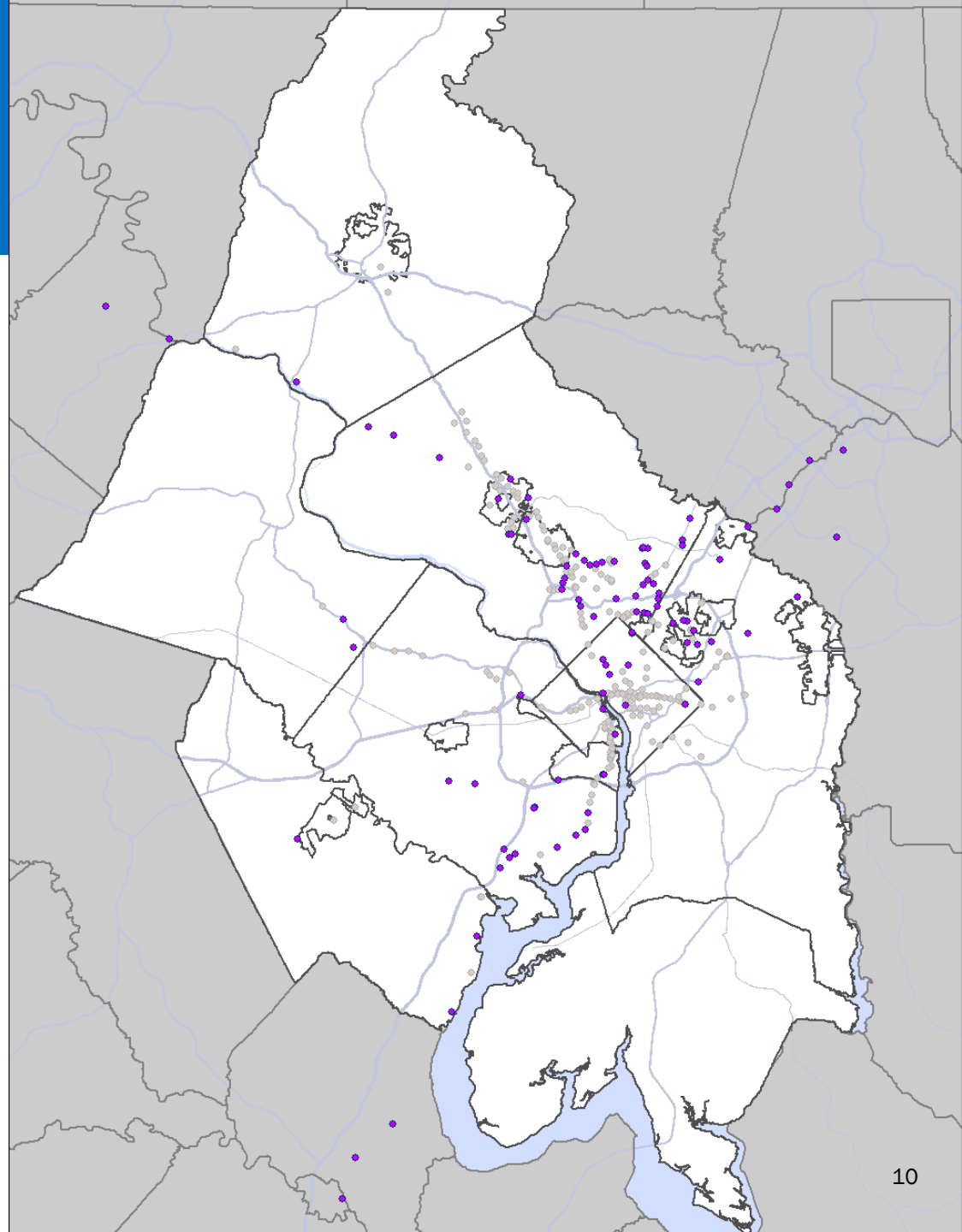
- 98 Metrorail Stations
- 39 Commuter Rail Stations
- 21 Light Rail Stations
- 120 BRT Stations
- ~ 19 Streetcar Stations
- **~ 297 Total Stations**



High Capacity Transit Stations that are not in Activity Centers

In 2045, 29% of High Capacity Transit Stations will be outside of Activity Centers

(86 out of 297)



Analyzing Forecasts by TAZ Type

Forecast Total

Analyzing Forecasts by TAZ Type

All Other TAZs



Activity
Center
TAZs

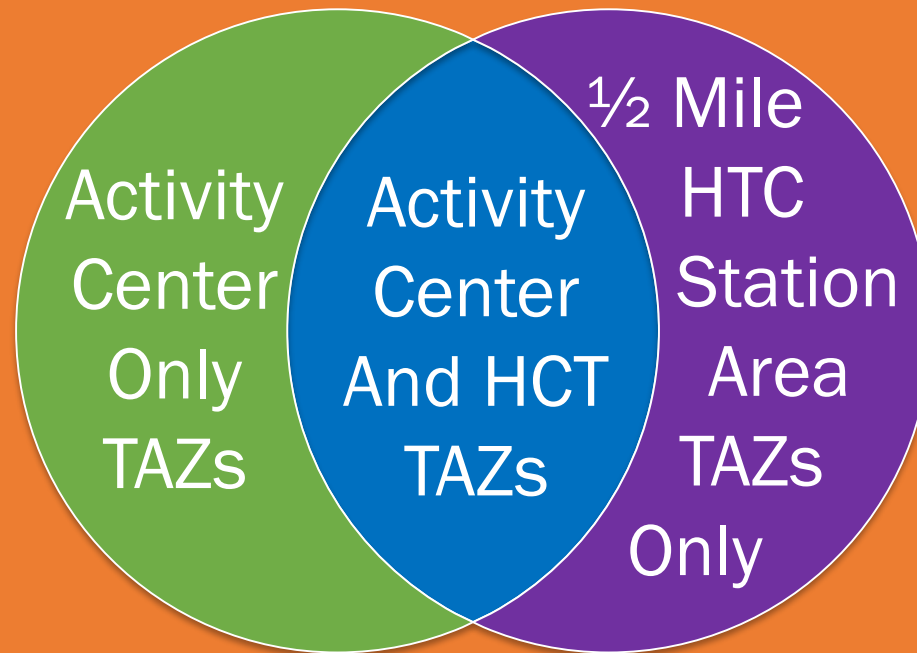
Analyzing Forecasts by TAZ Type

All Other TAZs

Activity Center
and
Half-Mile
High Capacity Transit
Buffer TAZs

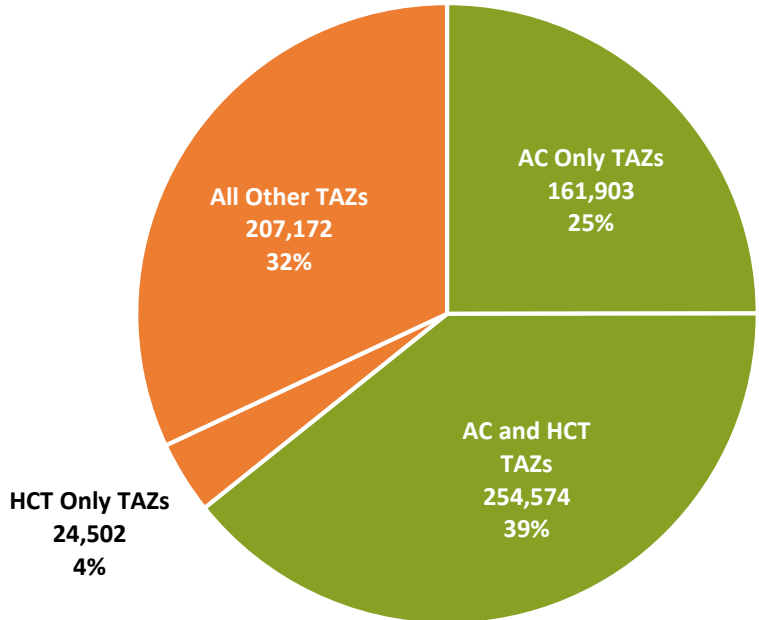
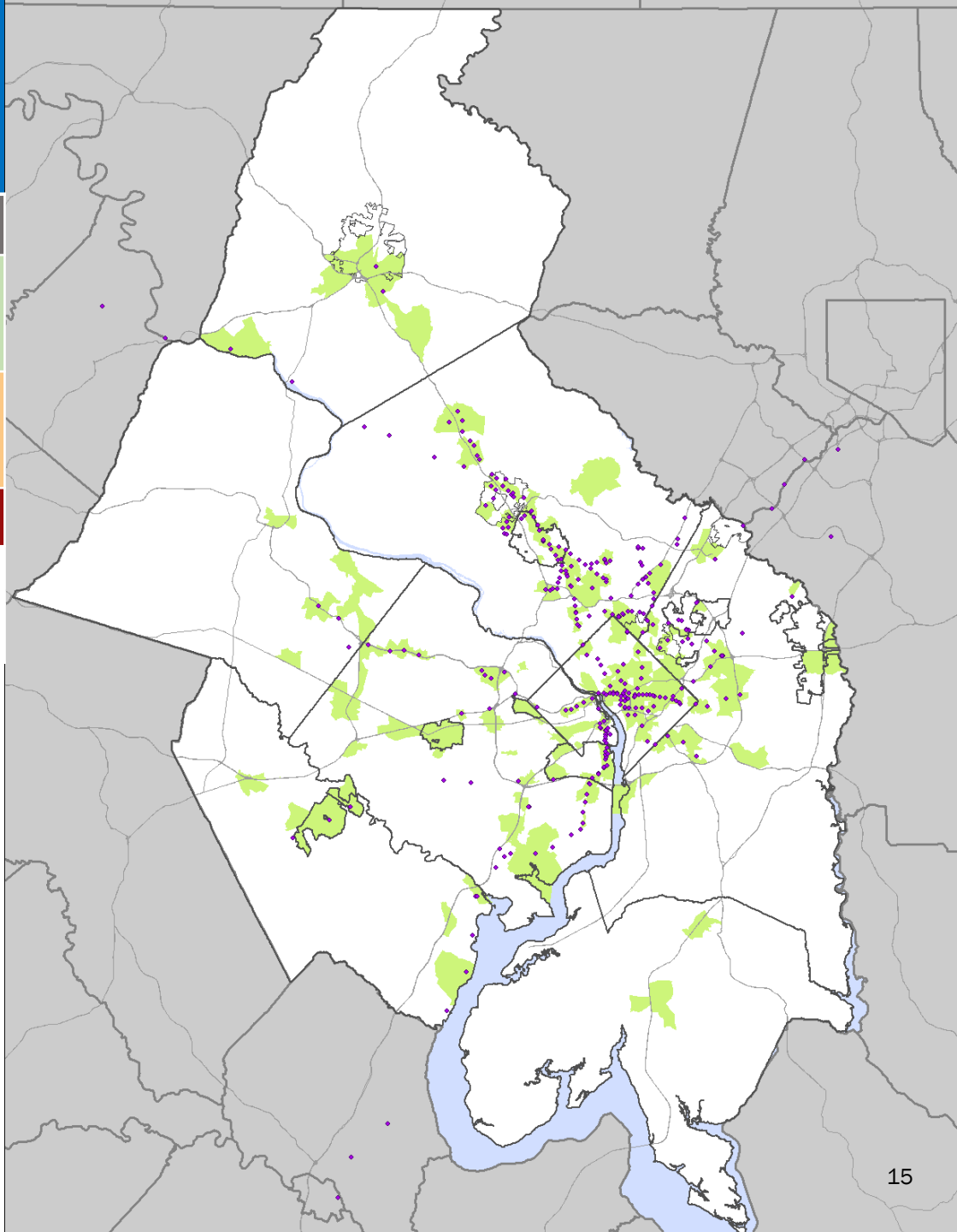
Analyzing Forecasts by TAZ Type

All Other TAZs



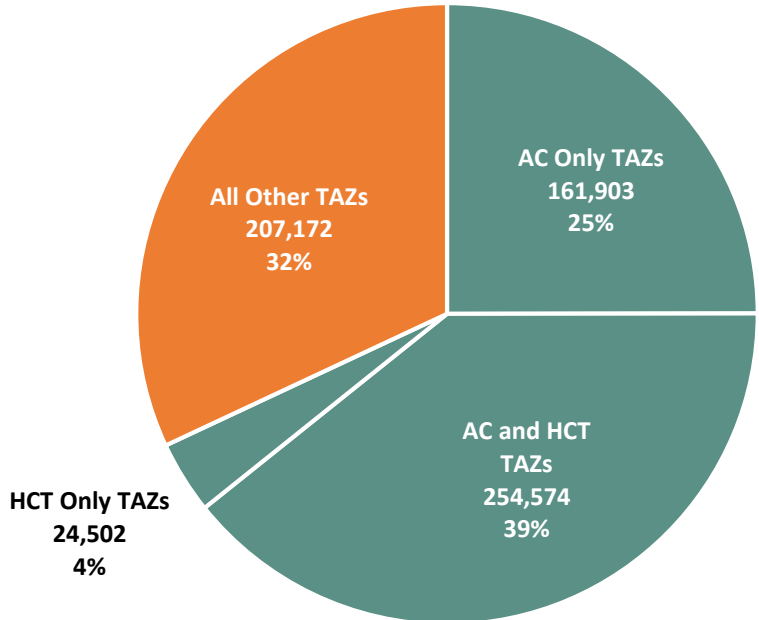
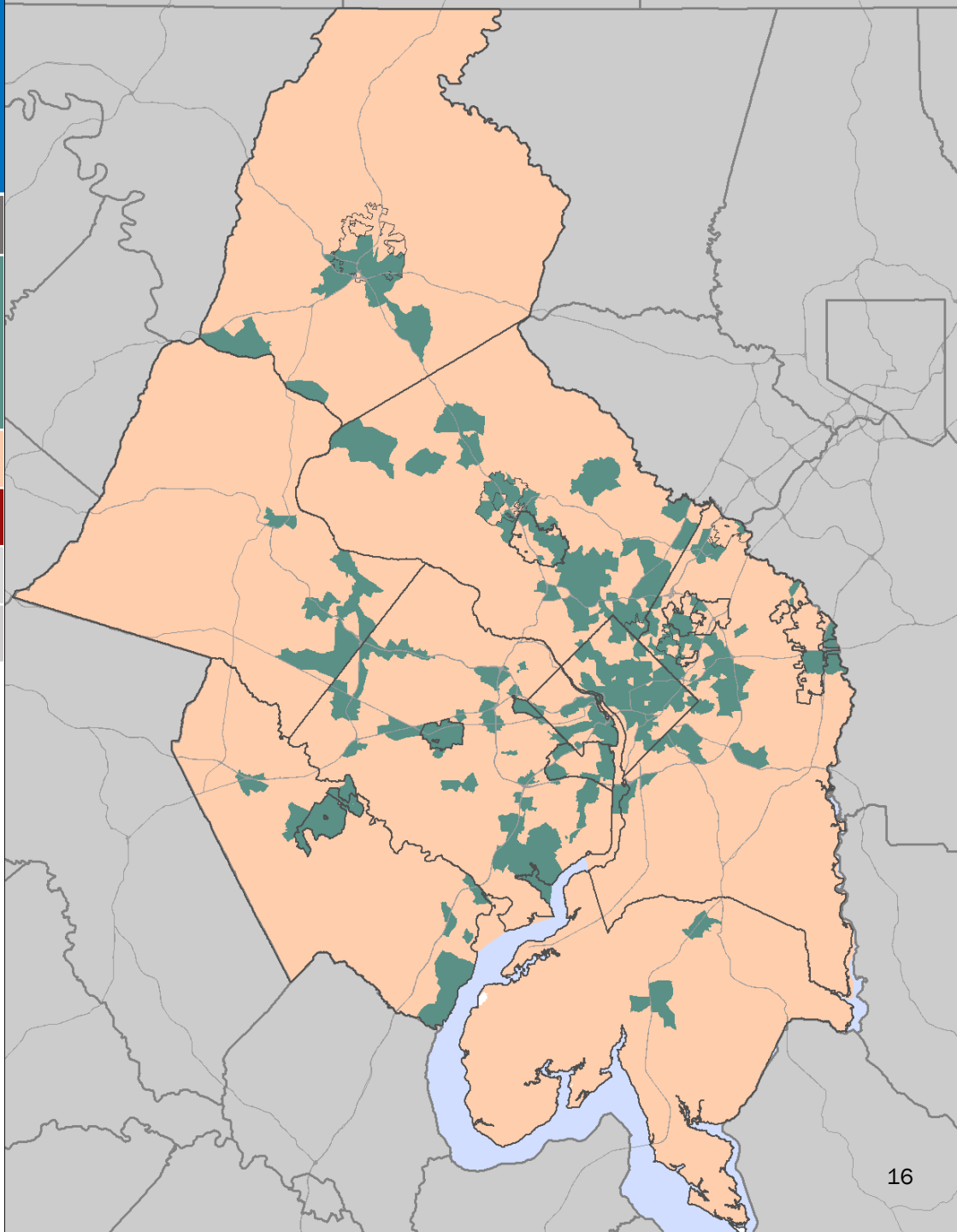
2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
Activity Center TAZs	416,477	64%
All Other TAZs	231,674	36%
COG Total (All TAZs)	648,151	100%



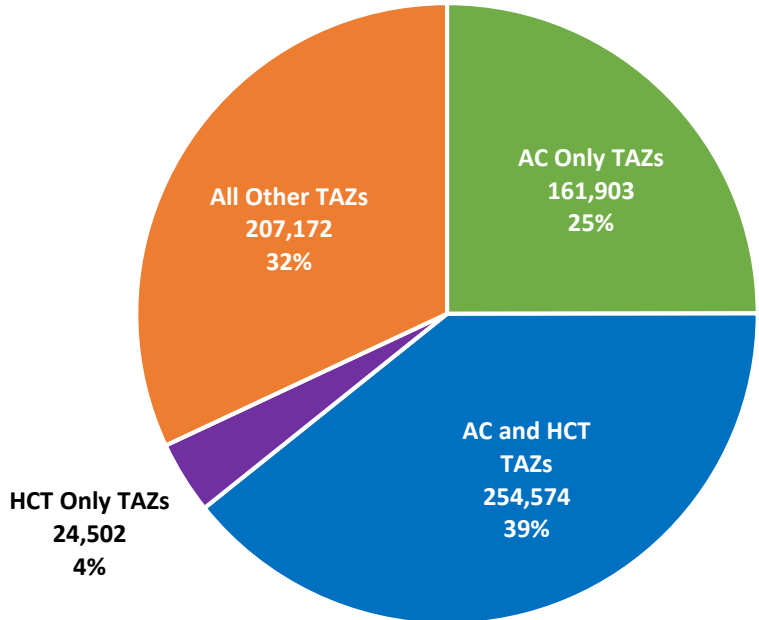
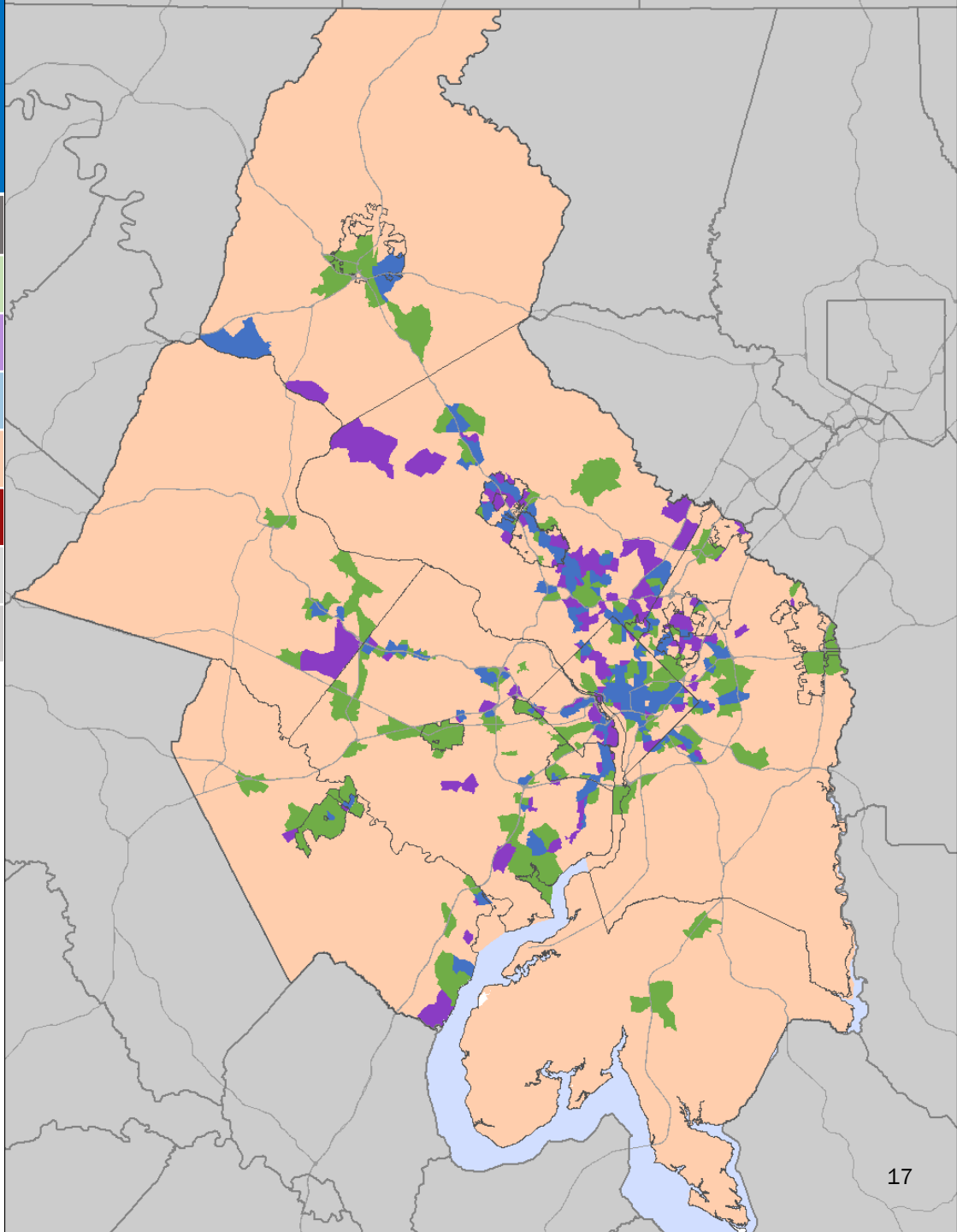
2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
All AC or HCT TAZs	440,979	68%
All Other TAZs	207,172	32%
COG Total (All TAZs)	648,151	100%
All AC TAZs	416,477	64%
All HCT TAZs	279,076	43%



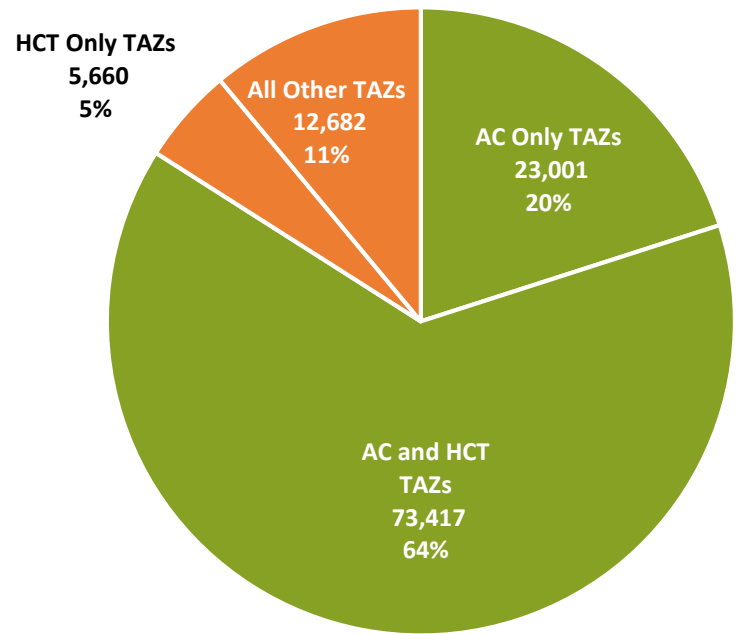
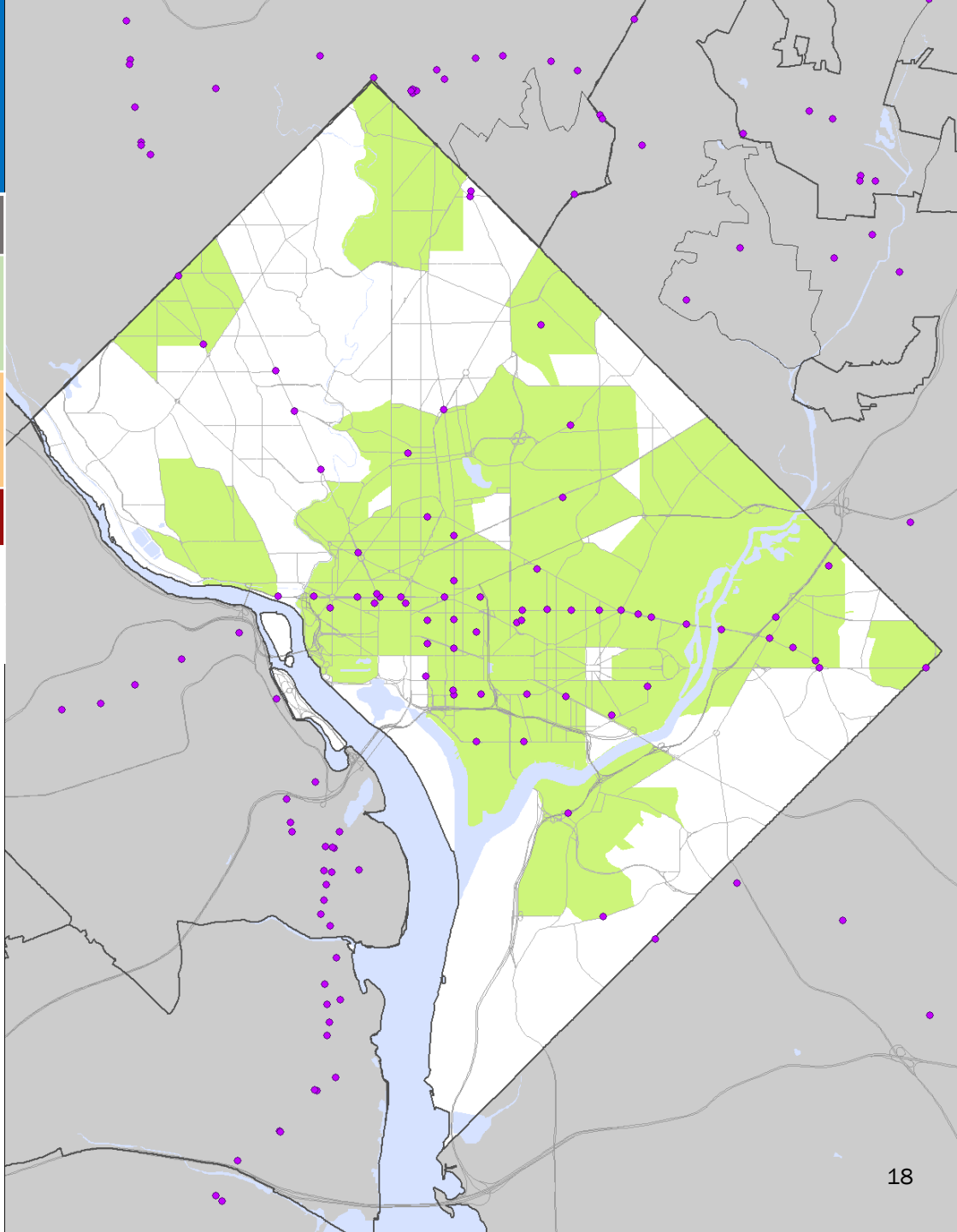
2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
AC Only TAZs	161,903	25%
HCT Only TAZs	24,502	4%
AC and HCT TAZs	254,574	39%
All Other TAZs	207,172	32%
COG Total (All TAZs)	648,151	100%
<i>All AC TAZs</i>	<i>416,477</i>	<i>64%</i>
<i>All HCT TAZs</i>	<i>279,076</i>	<i>43%</i>



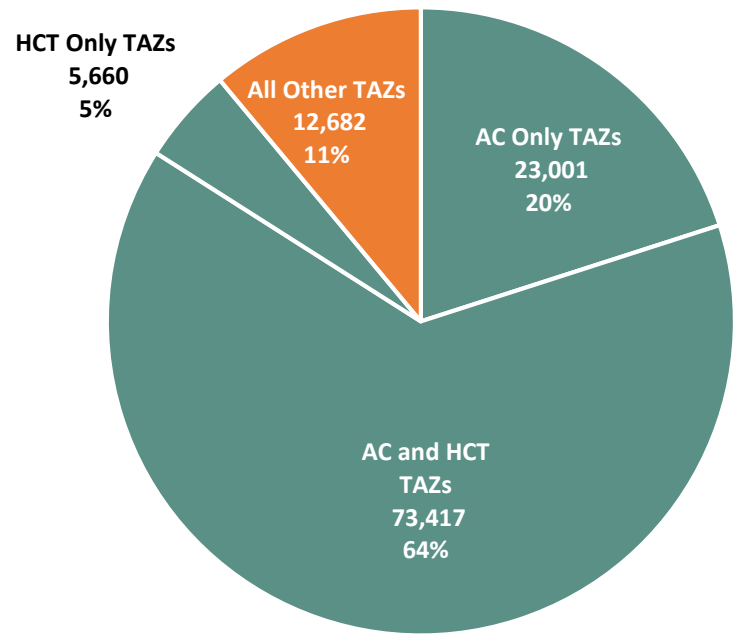
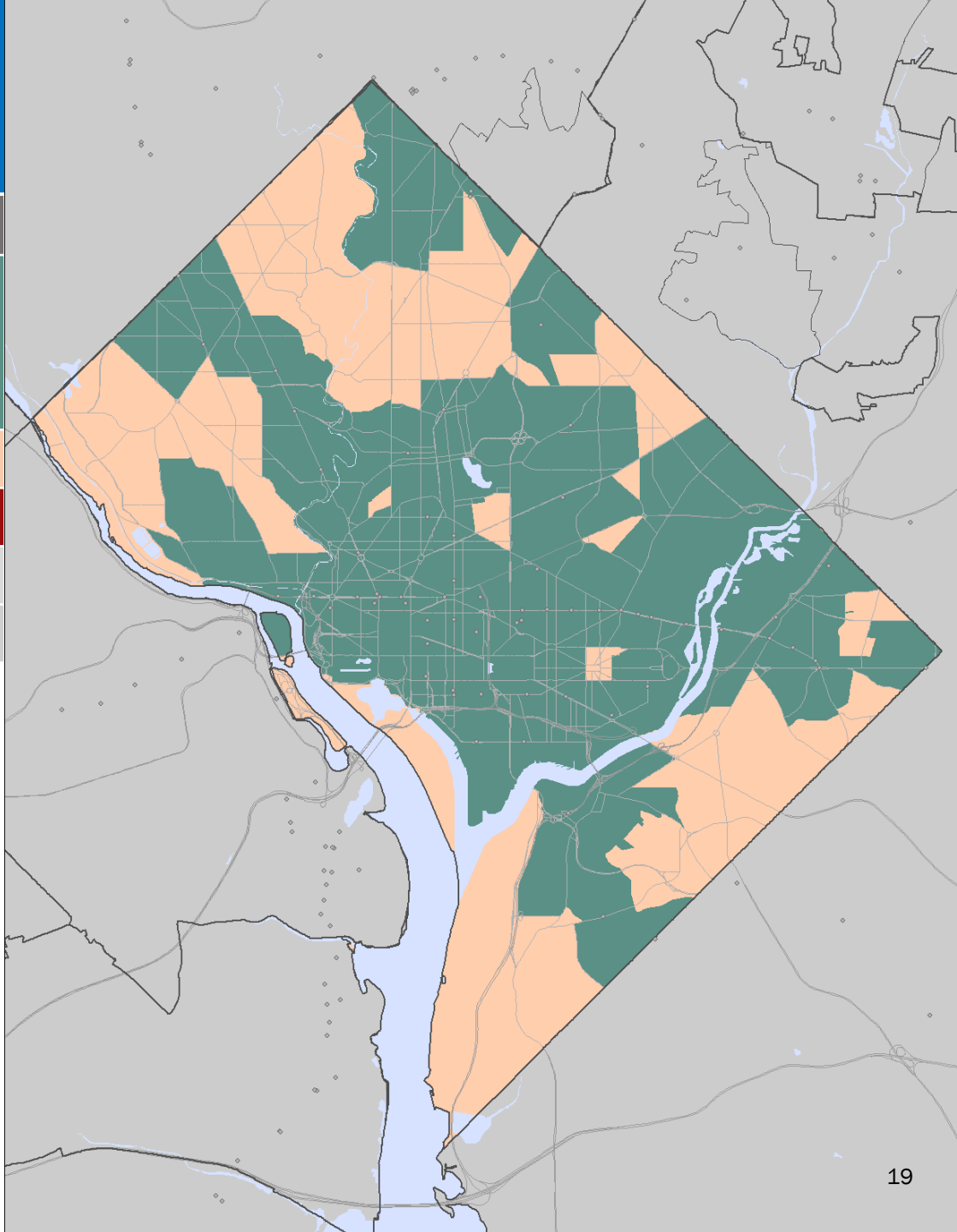
District of Columbia 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
Activity Center TAZs	96,418	84%
All Other TAZs	18,342	16%
DC Total (All TAZs)	114,760	100%



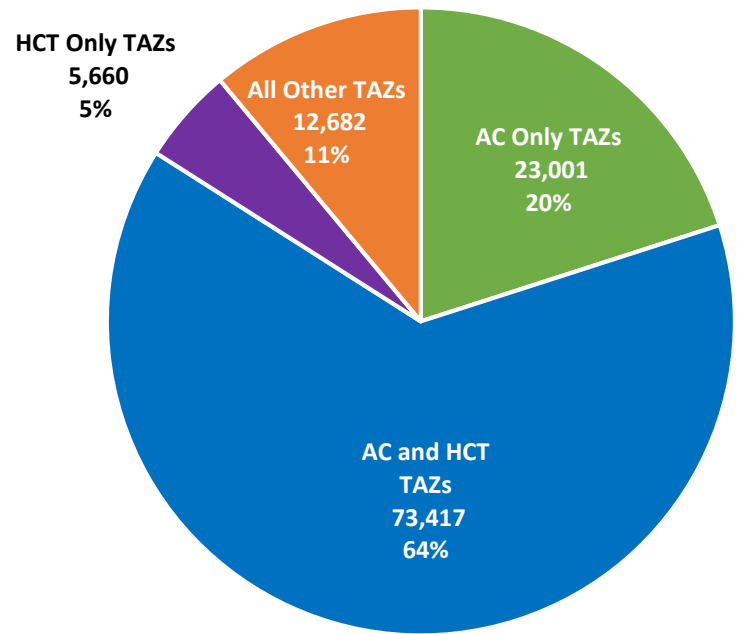
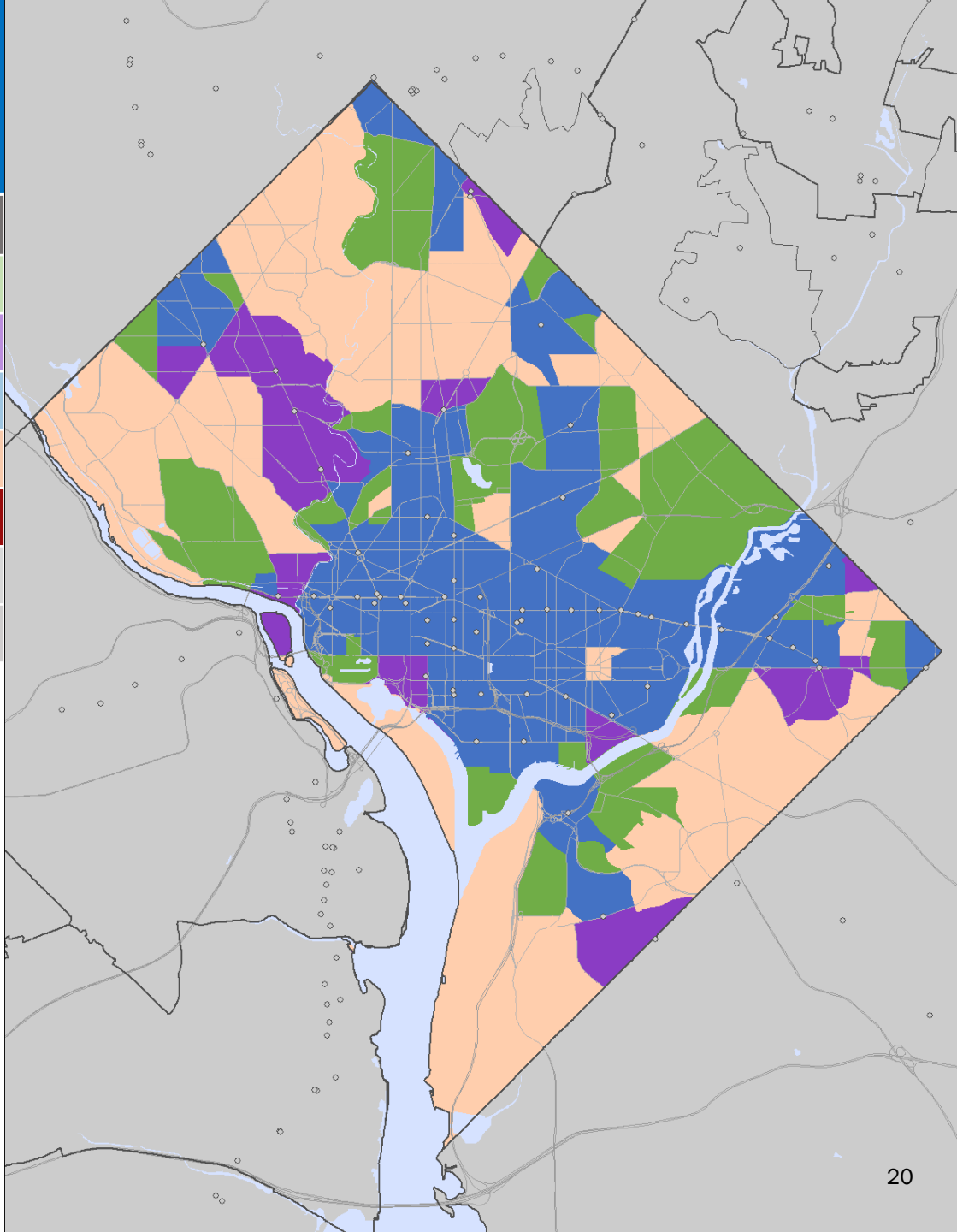
District of Columbia 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
All AC or HCT TAZs	102,078	89%
All Other TAZs	12,682	11%
DC Total (All TAZs)	114,760	100%
All AC TAZs	96,418	84%
All HCT TAZs	79,077	69%



District of Columbia 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

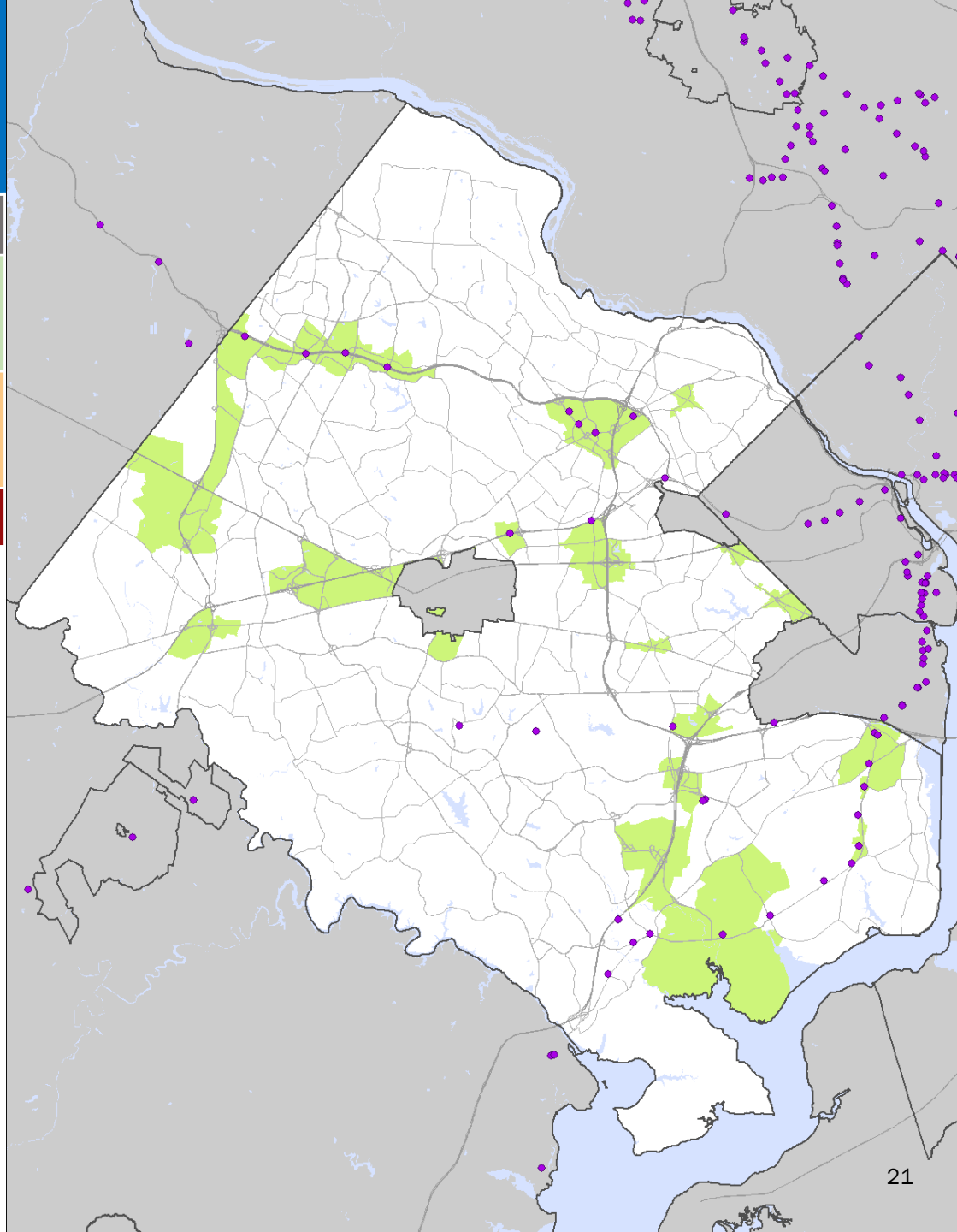
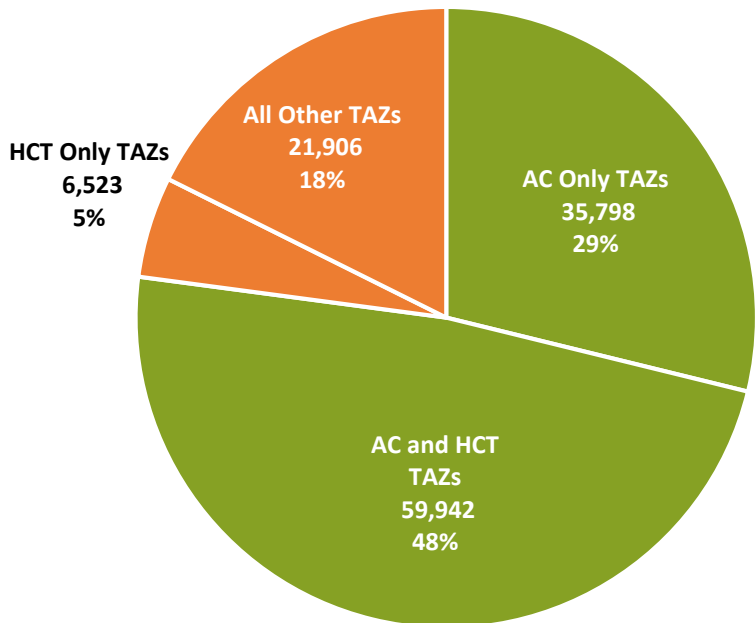
	HH Growth	Share of Growth
AC Only TAZs	23,001	20%
HCT Only TAZs	5,660	5%
AC and HCT TAZs	73,417	64%
All Other TAZs	12,682	11%
DC Total (All TAZs)	114,760	100%
<i>All AC TAZs</i>	<i>96,418</i>	<i>84%</i>
<i>All HCT TAZs</i>	<i>79,077</i>	<i>69%</i>



Fairfax County

2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

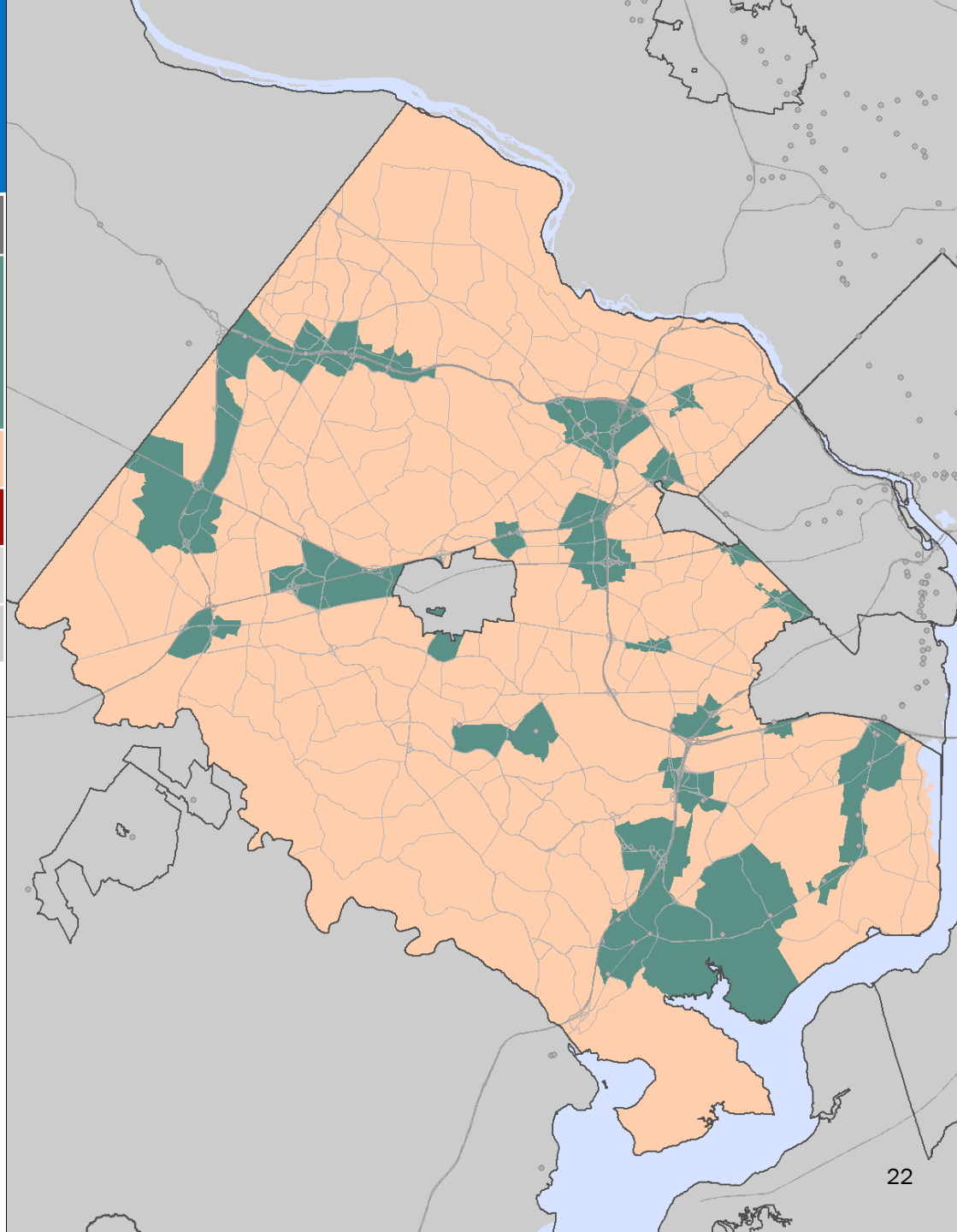
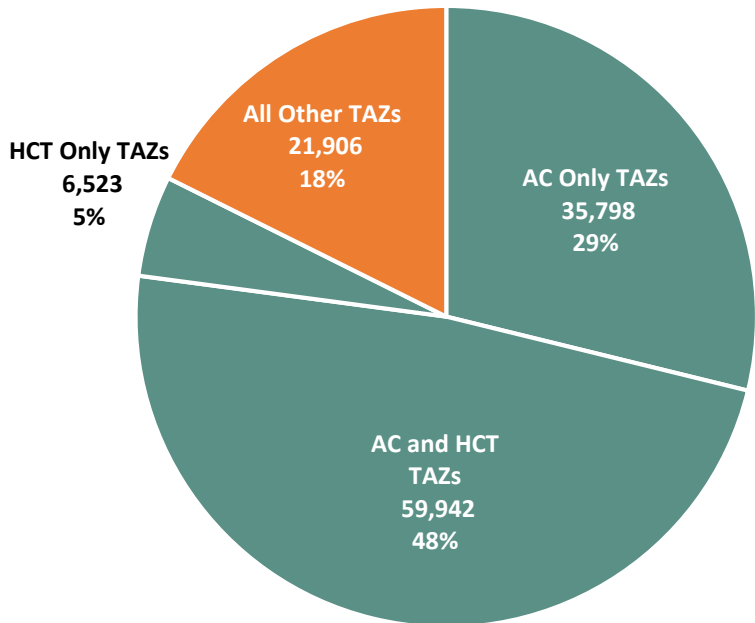
	HH Growth	Share of Growth
Activity Center TAZs	95,740	77%
All Other TAZs	28,429	23%
Total (All TAZs)	124,169	100%



Fairfax County

2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

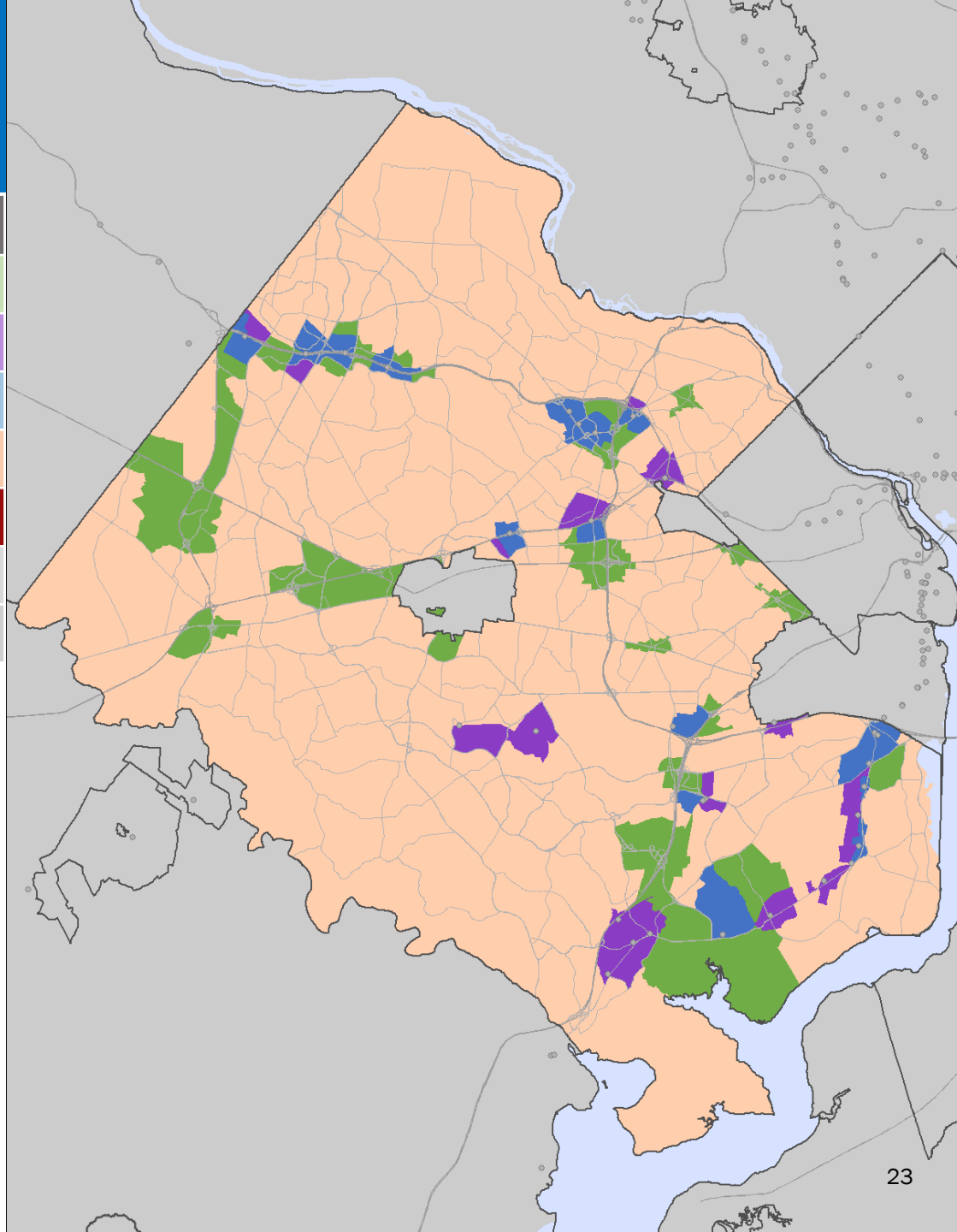
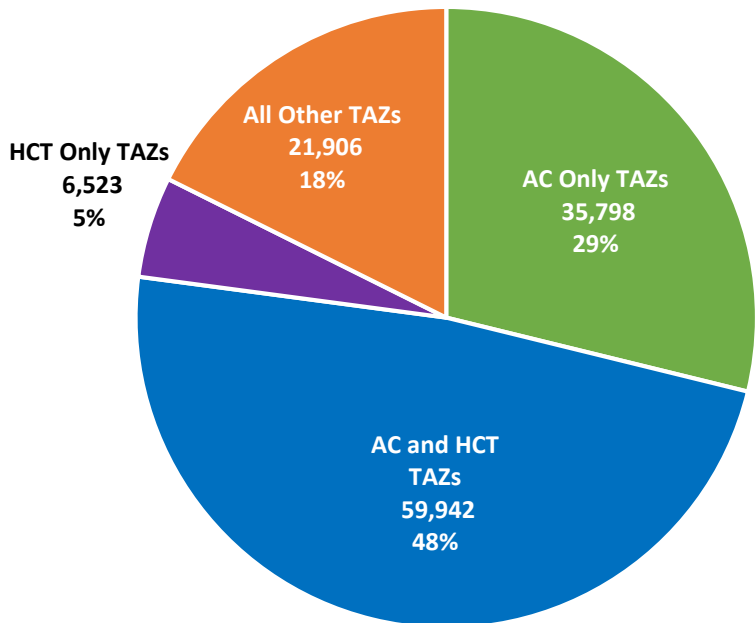
	HH Growth	Share of Growth
All AC or HCT TAZs	102,263	82%
All Other TAZs	21,906	18%
Total (All TAZs)	124,169	100%
All AC TAZs	95,740	77%
All HCT TAZs	66,465	54%



Fairfax County

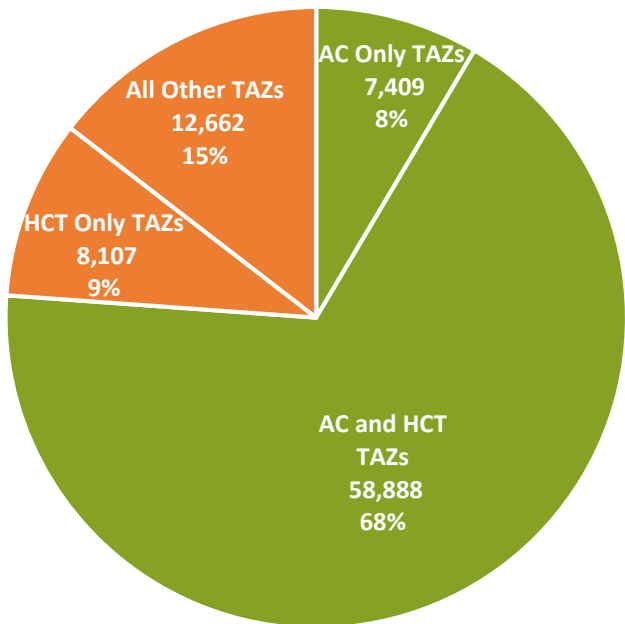
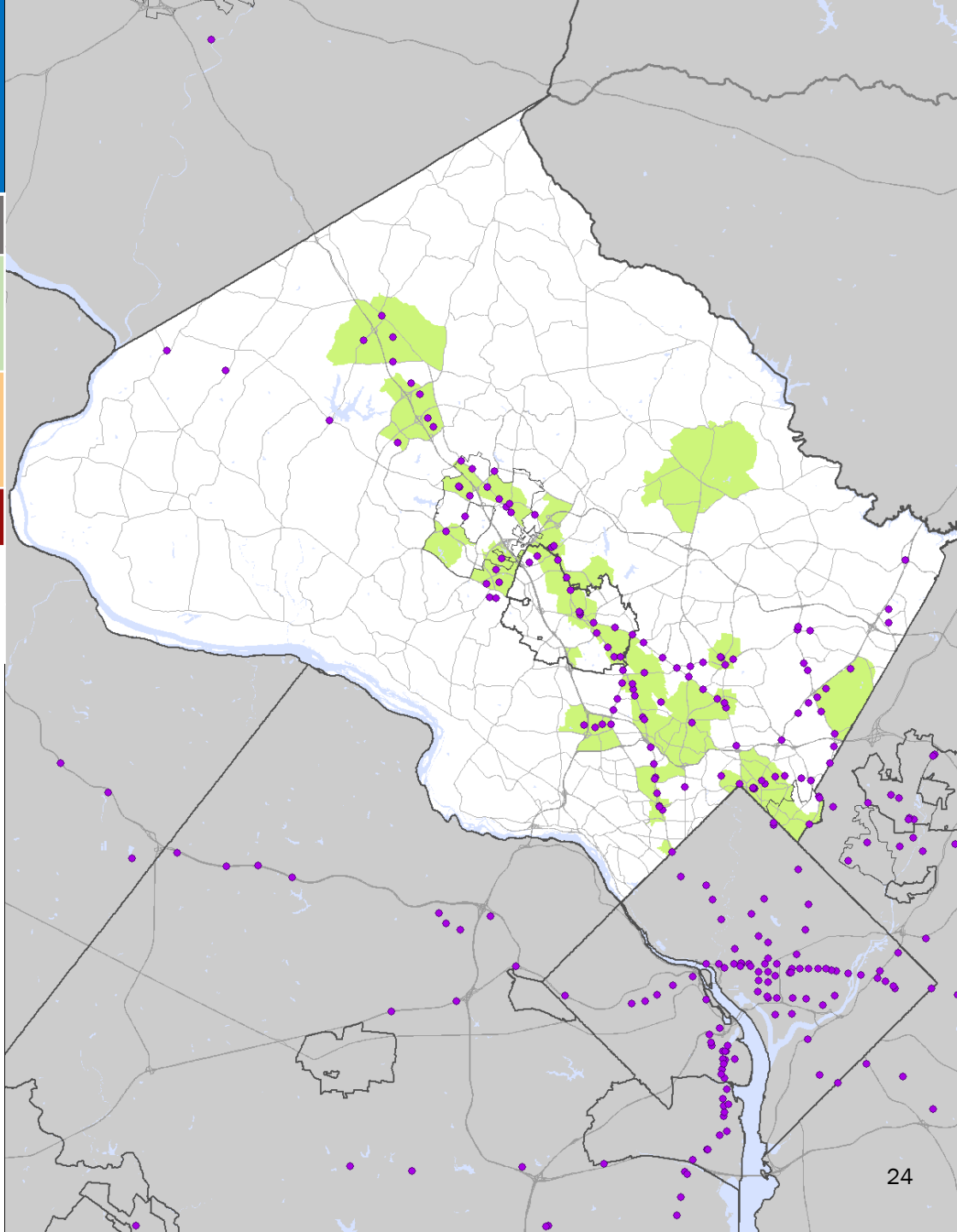
2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
AC Only TAZs	35,798	29%
HCT Only TAZs	6,523	5%
AC and HCT TAZs	59,942	48%
All Other TAZs	21,906	18%
Total (All TAZs)	124,169	100%
<i>All AC TAZs</i>	<i>95,740</i>	<i>77%</i>
<i>All HCT TAZs</i>	<i>66,465</i>	<i>54%</i>



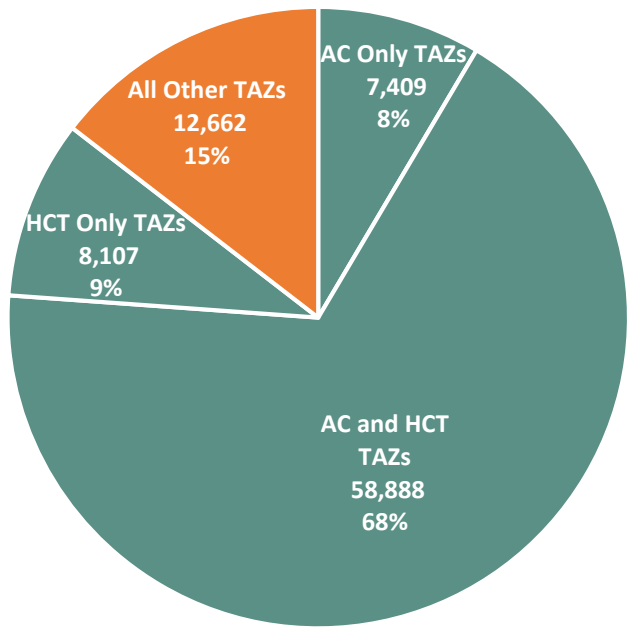
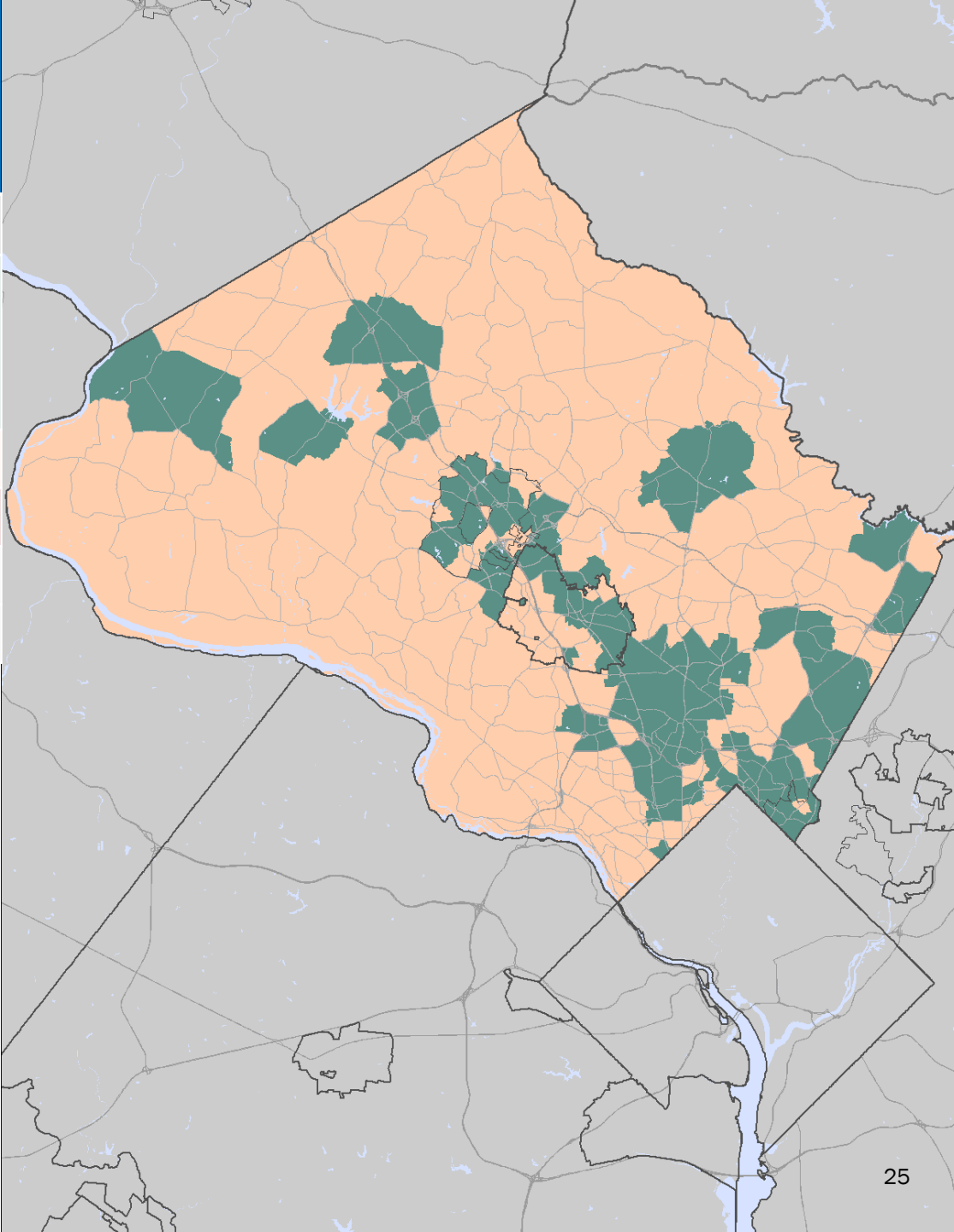
Montgomery County 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
Activity Center TAZs	66,297	76%
All Other TAZs	20,769	24%
Total (All TAZs)	87,066	100%



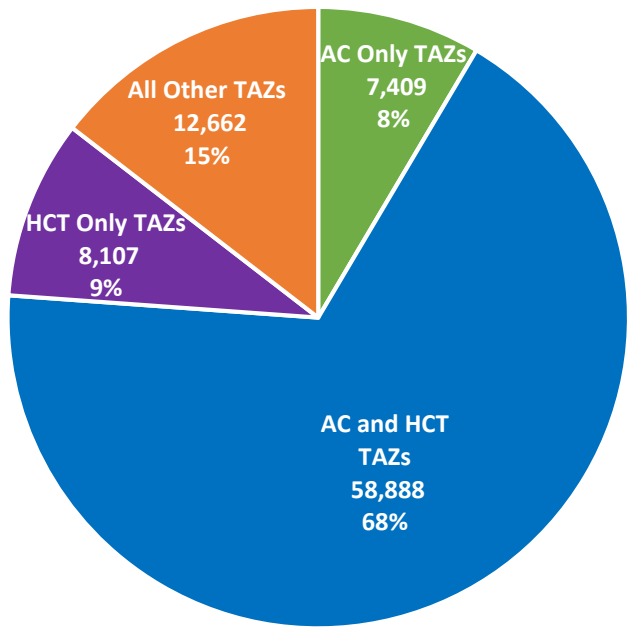
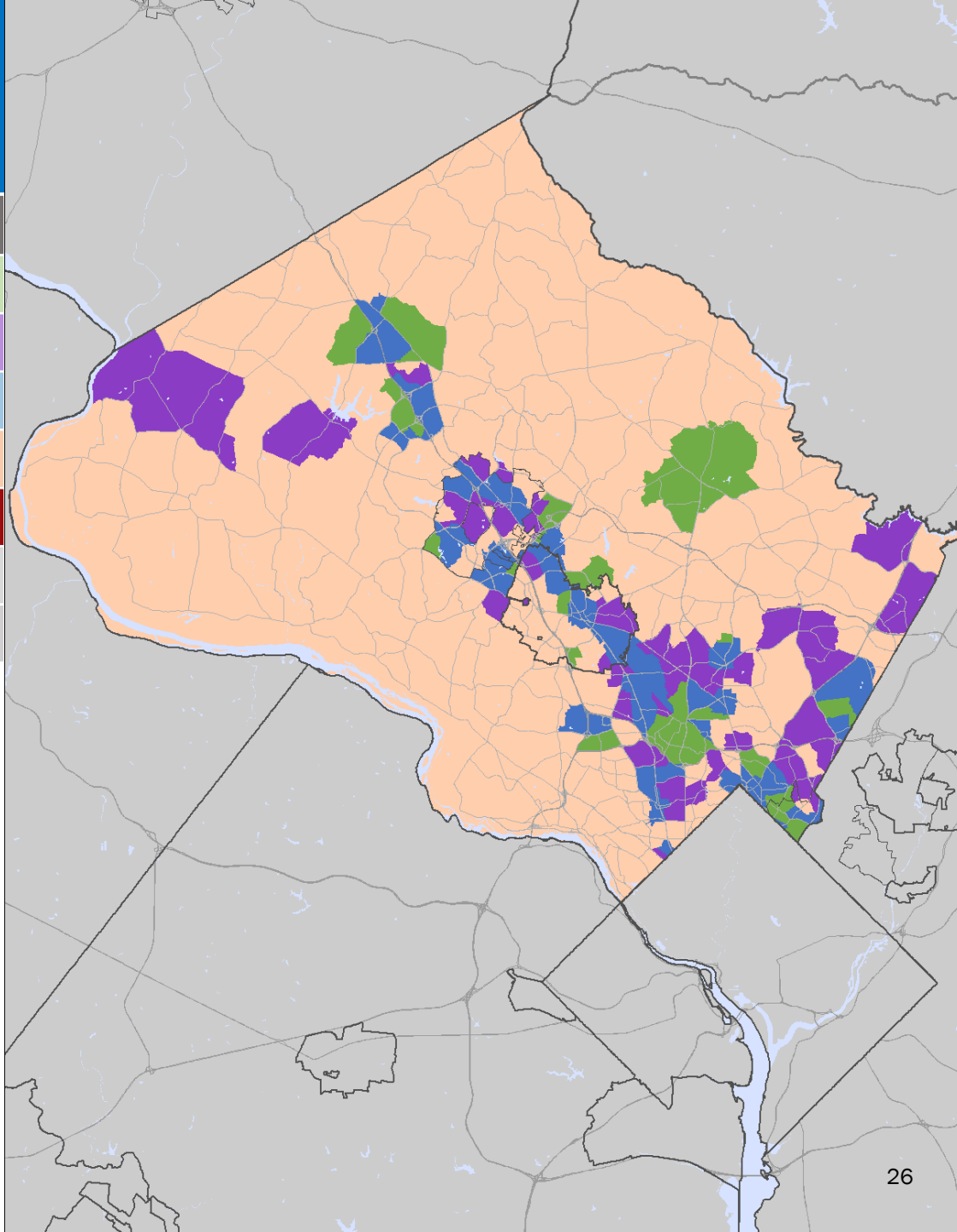
Montgomery County 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
All AC or HCT TAZs	74,404	85%
All Other TAZs	12,662	15%
Total (All TAZs)	87,066	100%
All AC TAZs	66,297	76%
All HCT TAZs	66,995	77%



Montgomery County 2015 to 2045 Round 9.1 Household Growth by TAZ-Based Activity Center and Half-Mile High-Capacity Transit Station Areas

	HH Growth	Share of Growth
AC Only TAZs	7,409	9%
HCT Only TAZs	8,107	9%
AC and HCT TAZs	58,888	68%
All Other TAZs	12,662	15%
Total (All TAZs)	87,066	100%
<i>All AC TAZs</i>	<i>66,297</i>	<i>76%</i>
<i>All HCT TAZs</i>	<i>66,995</i>	<i>77%</i>



Questions?

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