



Sustainable by Design: Urban3 Analysis of the Eastern Shore

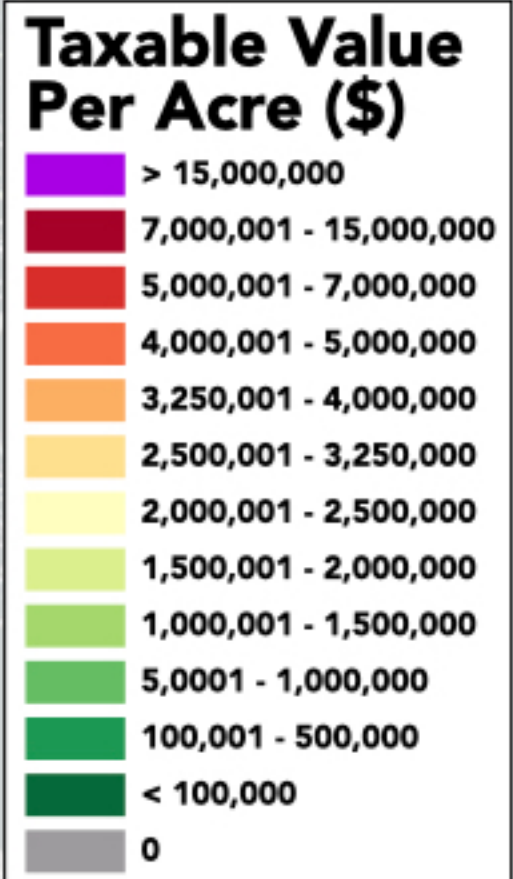
Developed Land Comparison

Eastern Shore, MD

Pre-1952



Post-1952



Total Developed Acres

10,000

163,000

State Property Tax Revenue Per Acre

\$620

\$250

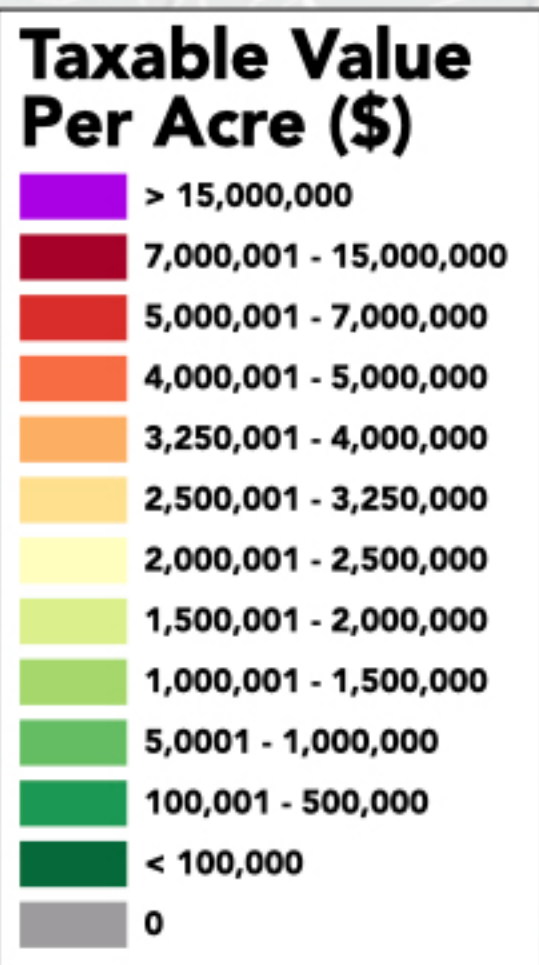
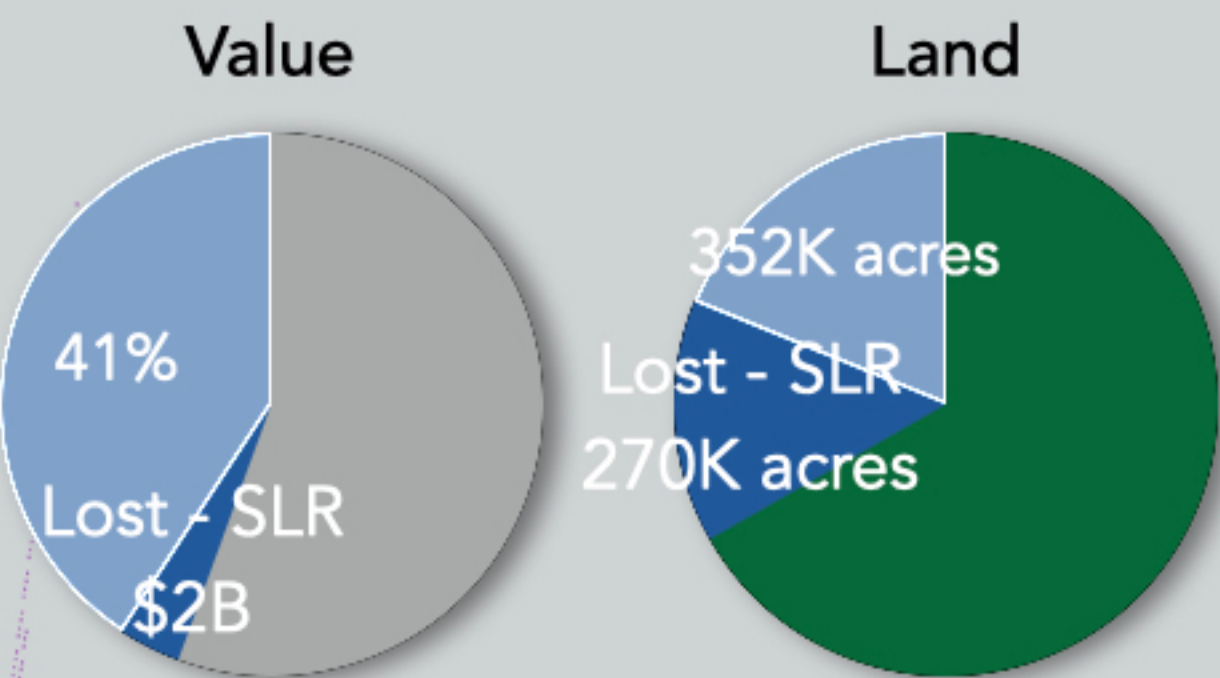
Average Value Per Acre

\$557,000

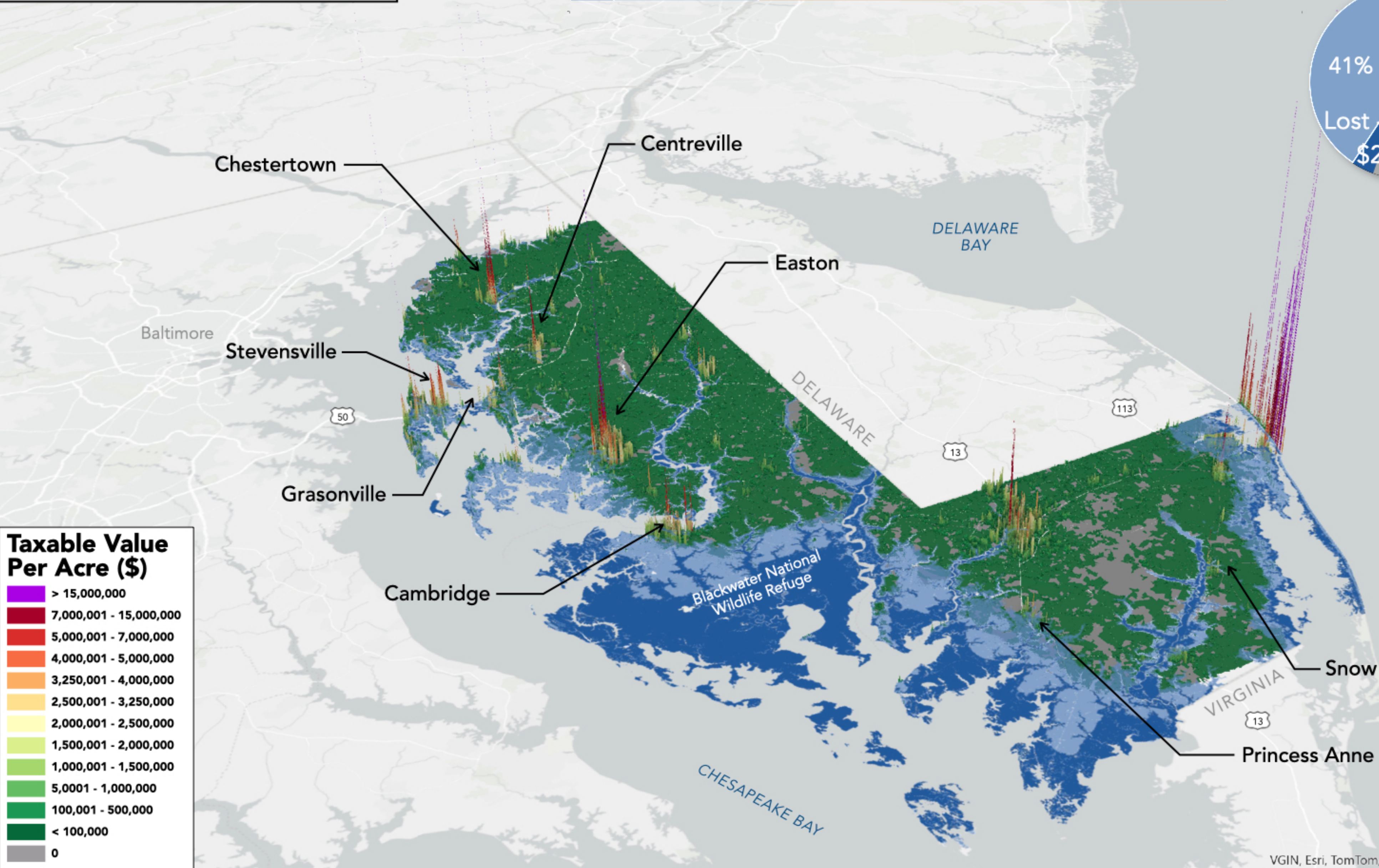
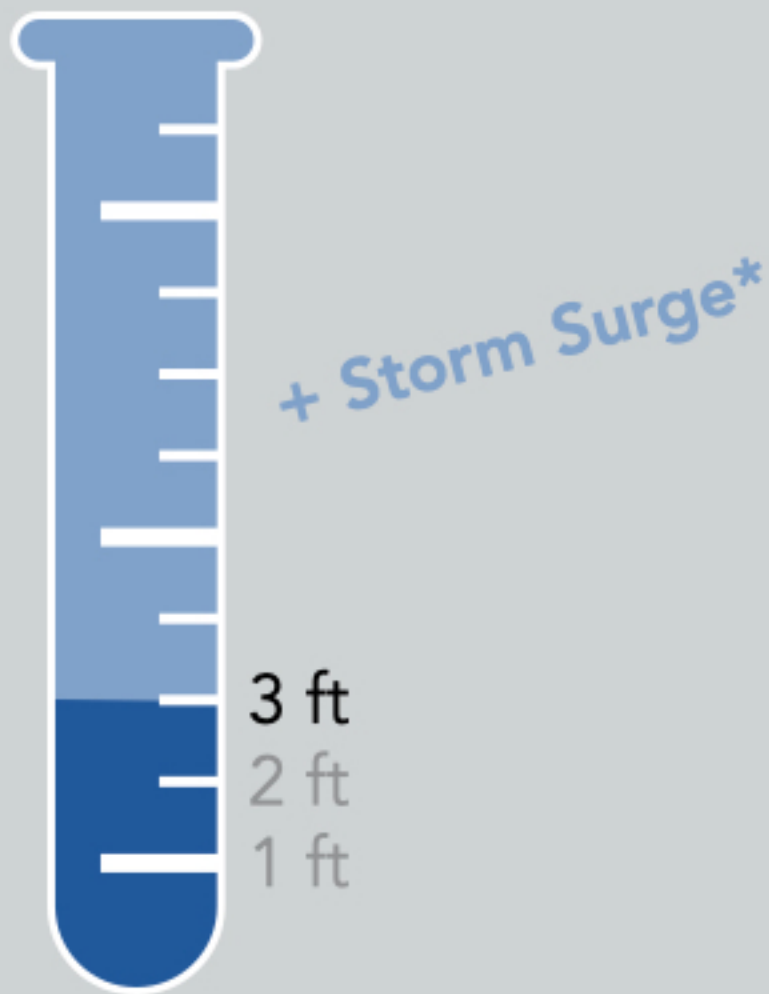
\$220,000

Sea Level Rise Impact

Eastern Shore, MD



Sea Level Rise



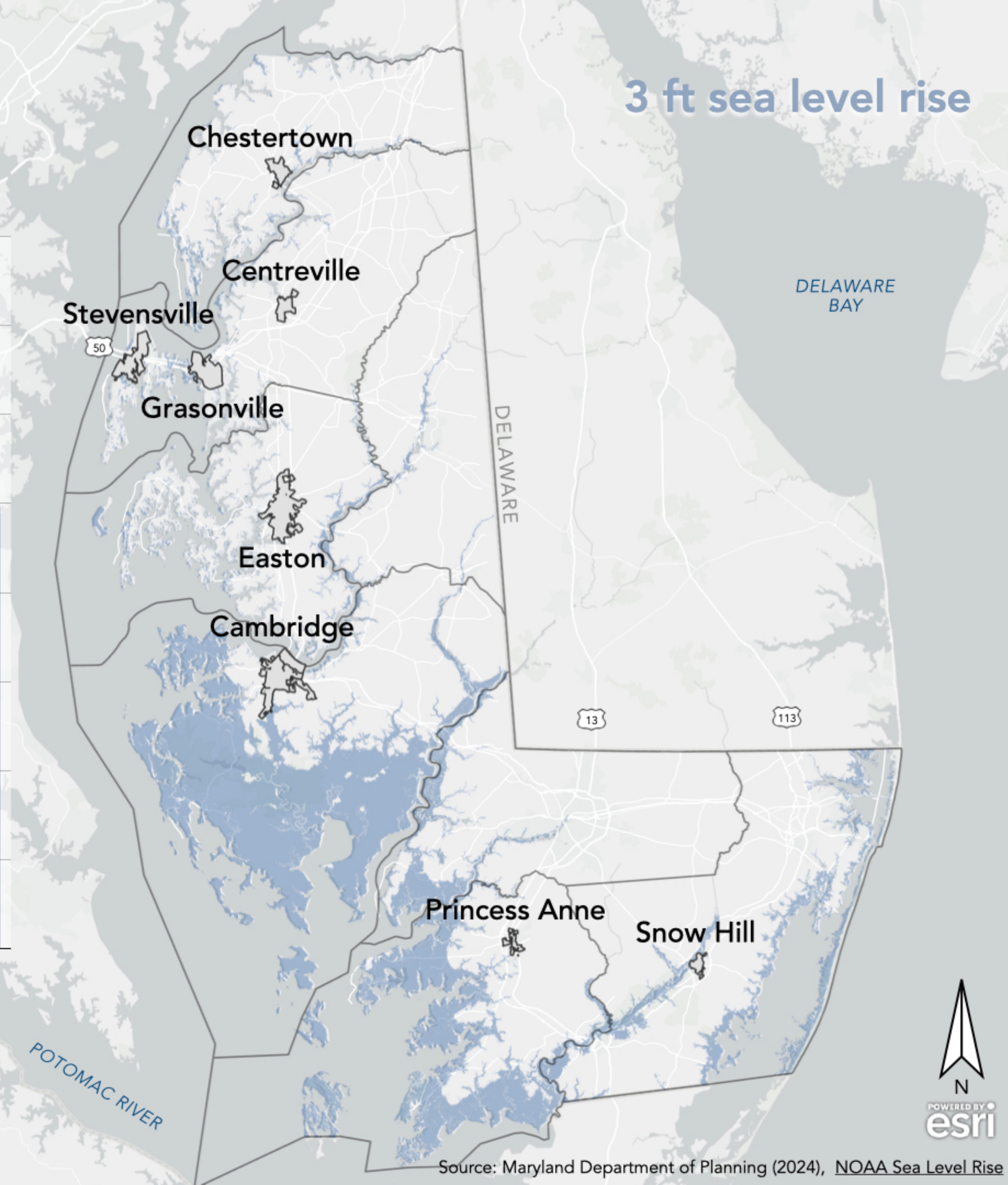
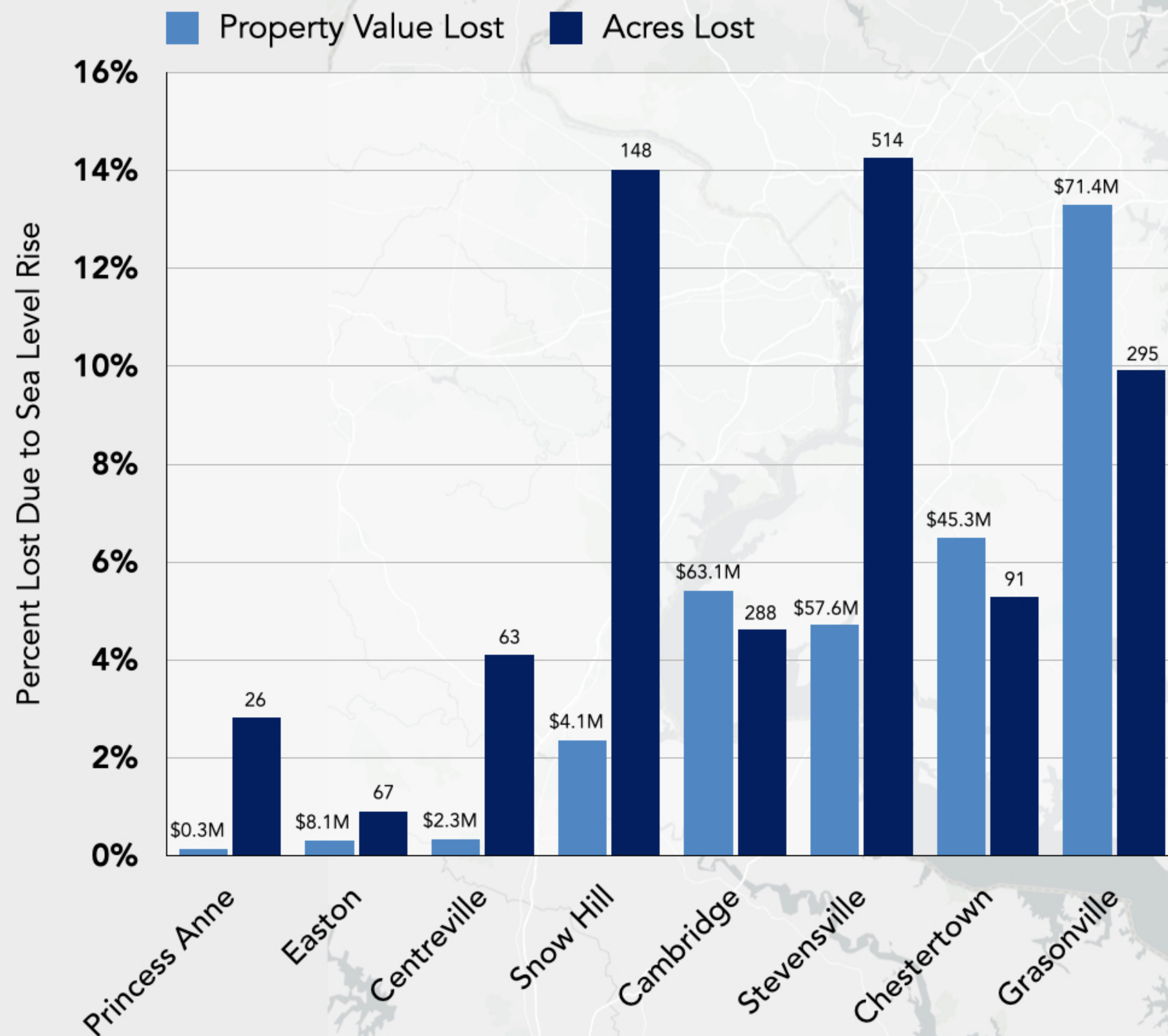
*Storm surge flooding is similar to 10 feet of sea level rise.



Impact of Sea Level Rise by City, 2100

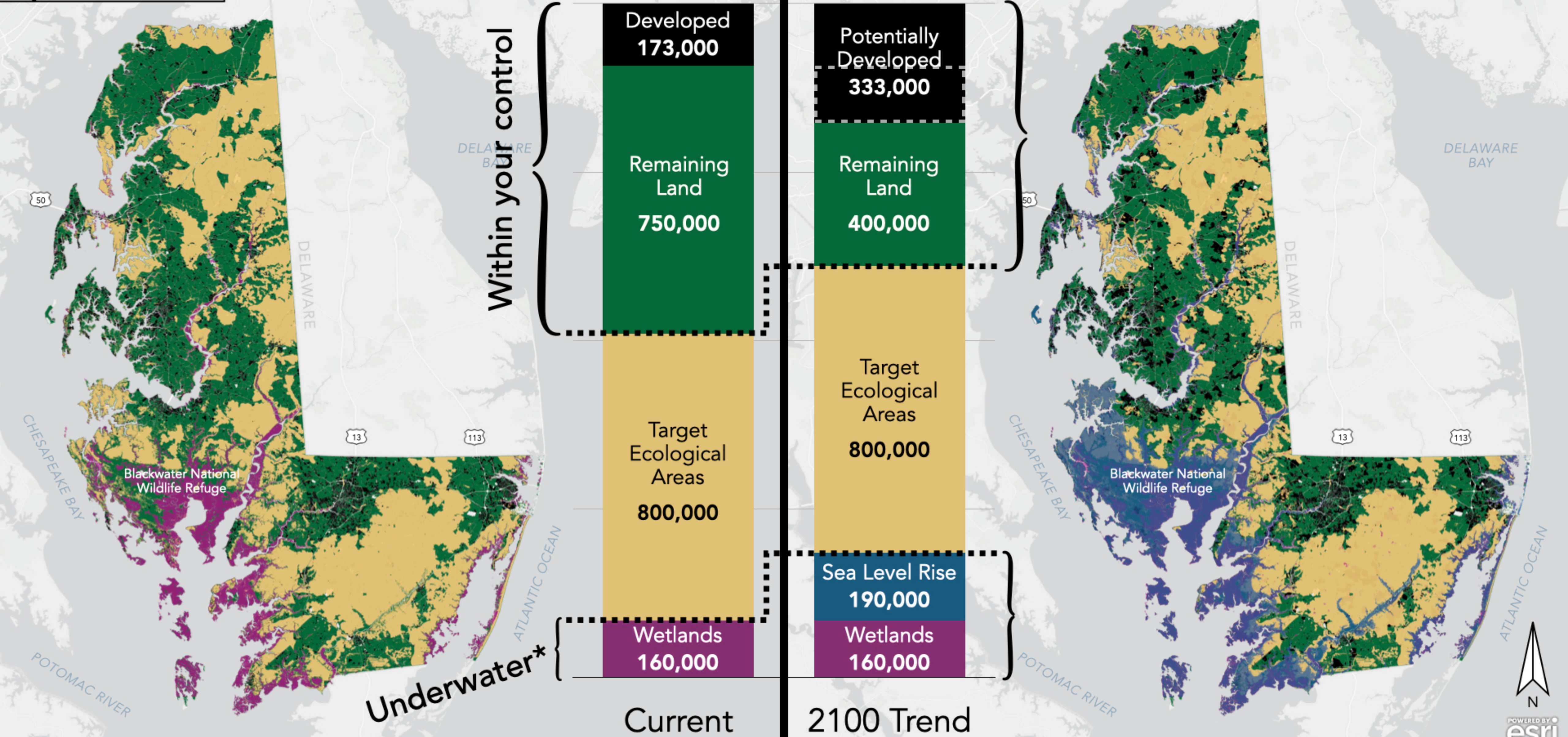
Eastern Shore, MD

3 ft sea level rise



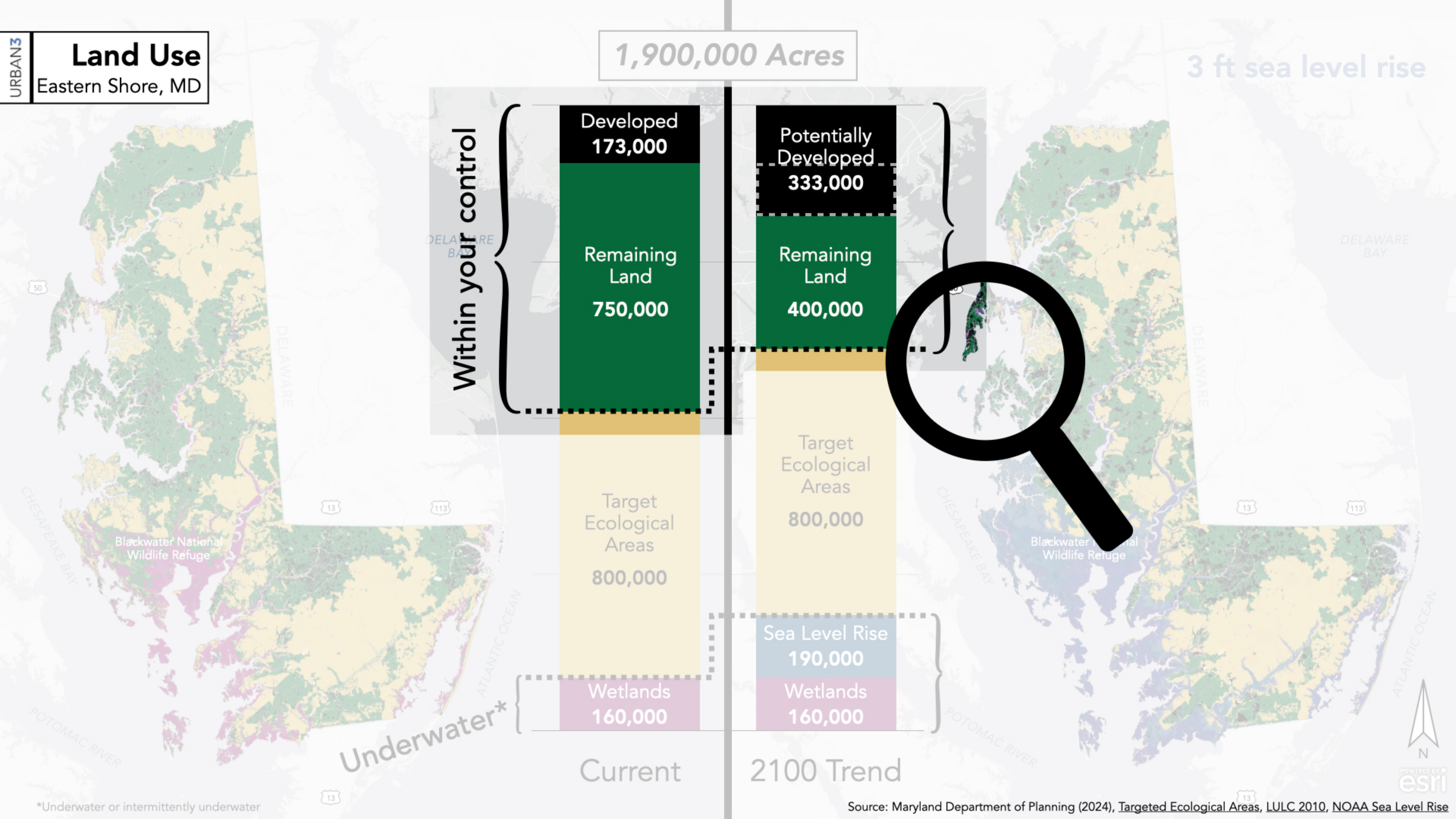
1,900,000 Acres

3 ft sea level rise



*Underwater or intermittently underwater





*Underwater or intermittently underwater

Land Use Within Your Control

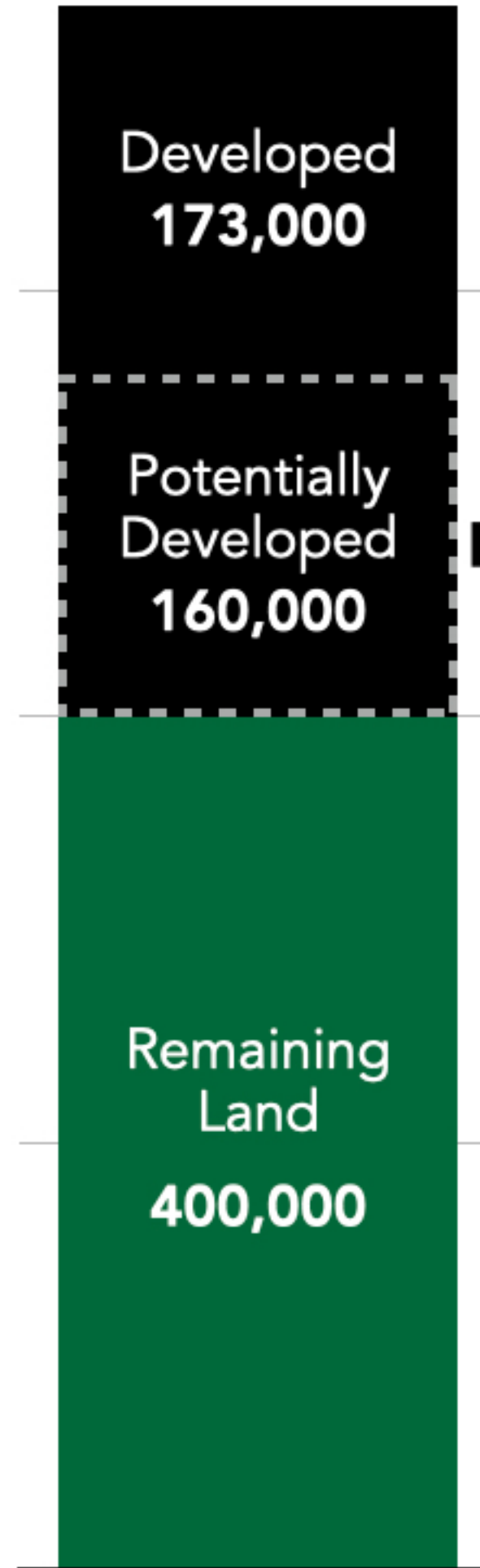
Eastern Shore, MD

Total Value:
\$38B



Current

*After 3 ft sea level rise

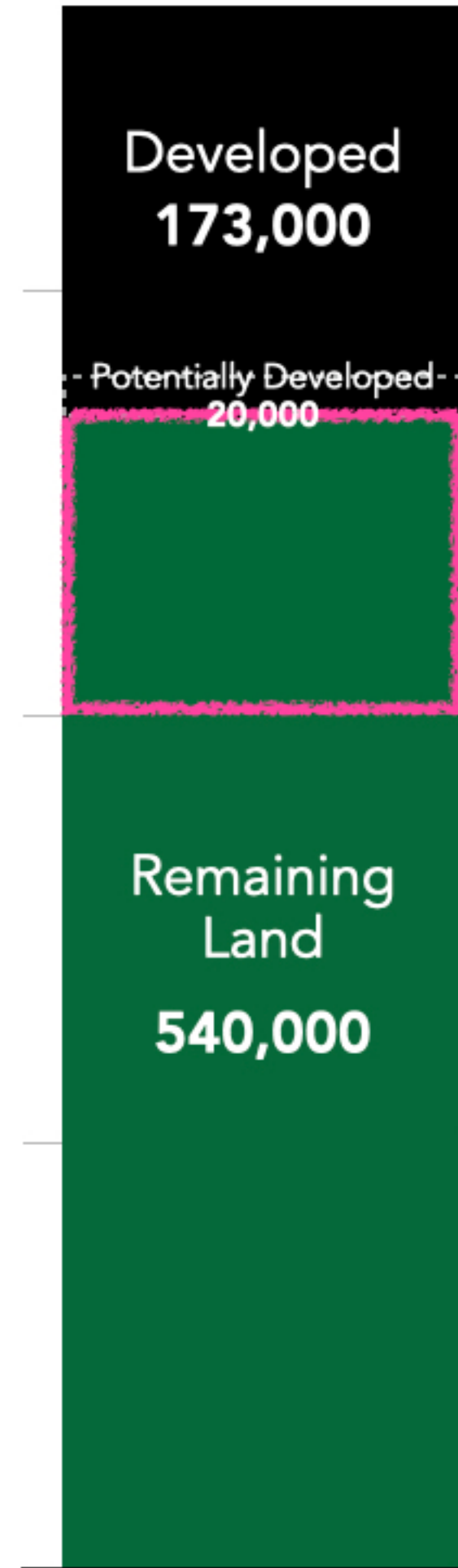


2100 Trend*



Current pattern:
predominantly Single Family
Detached

Total Value:
\$38B



2100 Alternative*



Also saves on
infrastructure costs

Alternate pattern:
predominantly Single Family
Attached

Source: Maryland Department of Planning (2024), Targeted Ecological Areas, LULC 2010, NOAA Sea Level Rise

Land Use Within Your Control

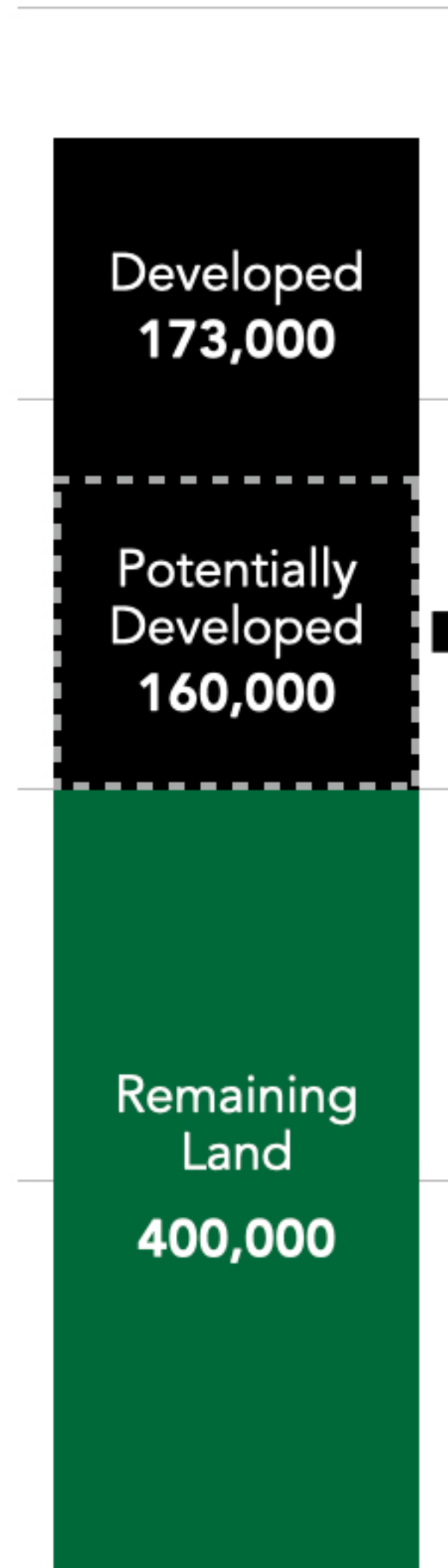
Eastern Shore, MD

Total Value:
\$38B



Current

*After 3 ft sea level rise

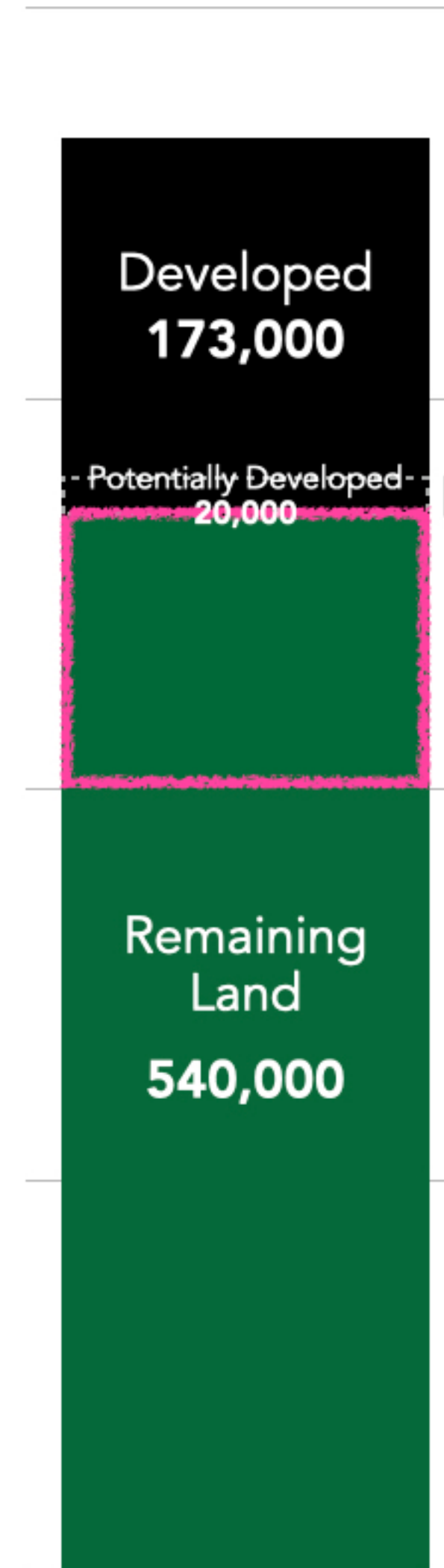


2100 Trend*



Crab cake with filler

Total Value:
\$38B



2100 Alternative*

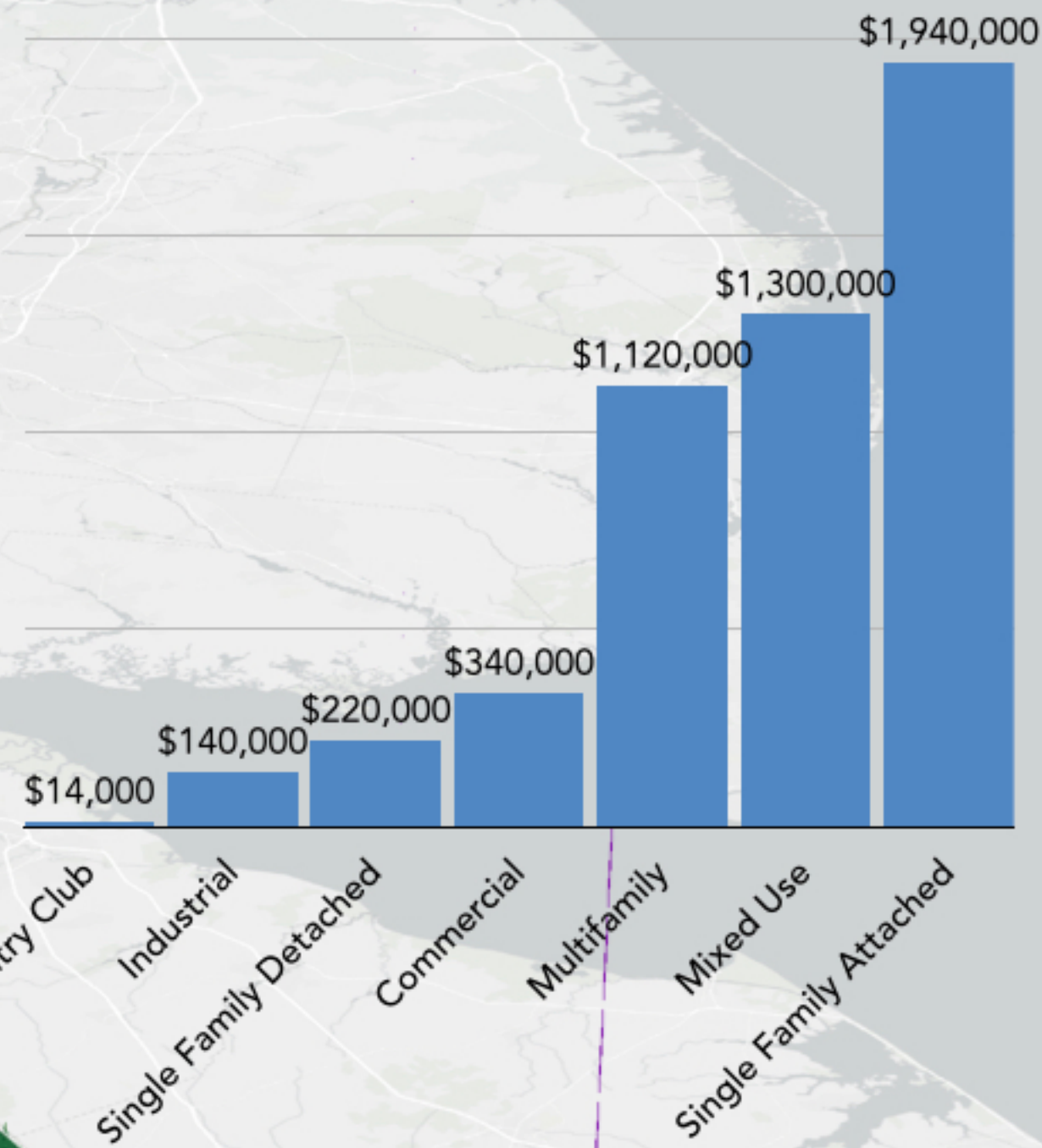
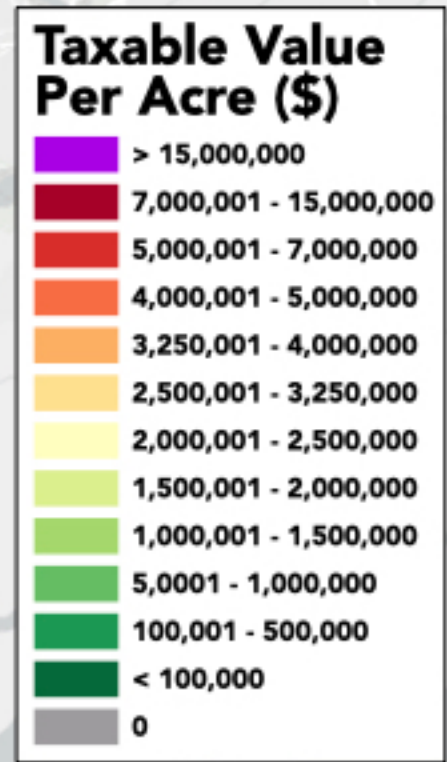


The good stuff!

Source: Maryland Department of Planning (2024), Targeted Ecological Areas, LULC 2010, NOAA Sea Level Rise

Tax Value Per Acre by Land Use Type

Eastern Shore, MD



ATLANTIC OCEAN

CHESAPEAKE BAY

VIRGINIA



POWERED BY
esri

1,900,000 Acres

