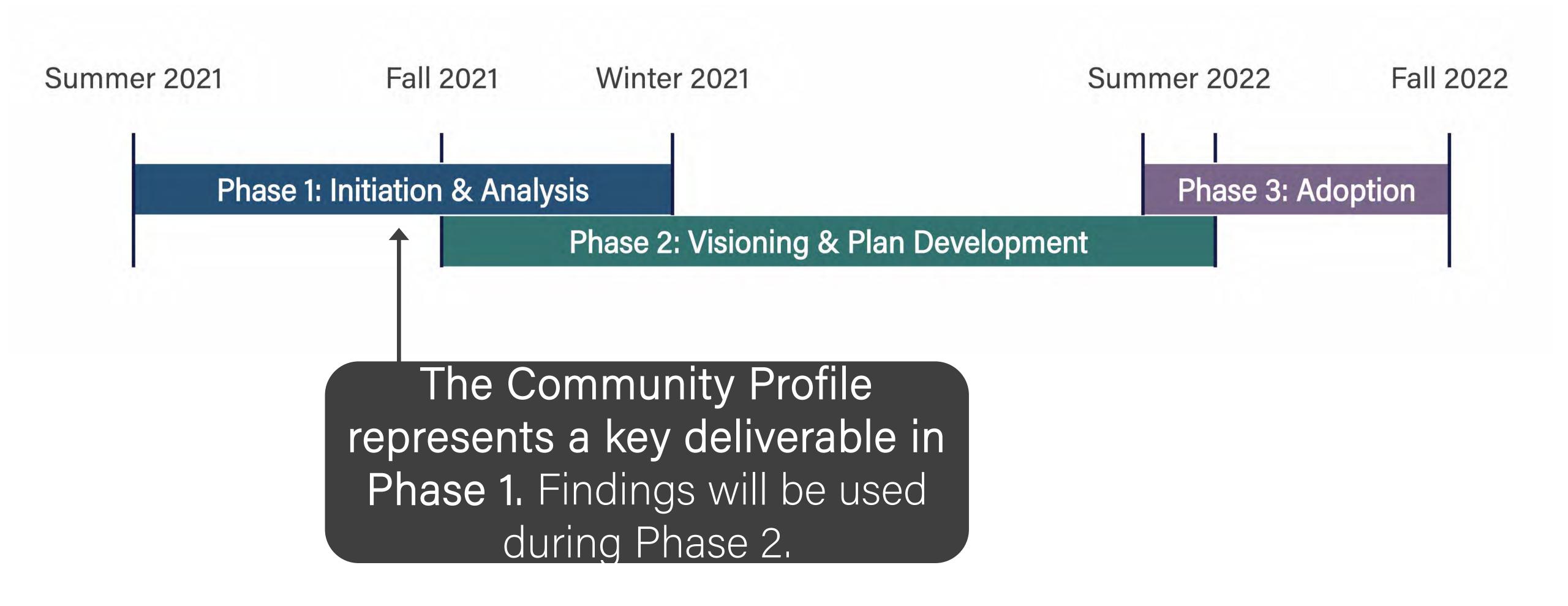


Outline

Introduction Demographics & Economy Land Use Agriculture Natural Resources Vulnerability Assessment Infrastructure



COMPREHENSIVE PLAN SCHEDULE



A COMPREHENSIVE PLAN IS...

Long-range

- Makes forecasts based on past trends and data
- 10 20 year time frame

Guidance

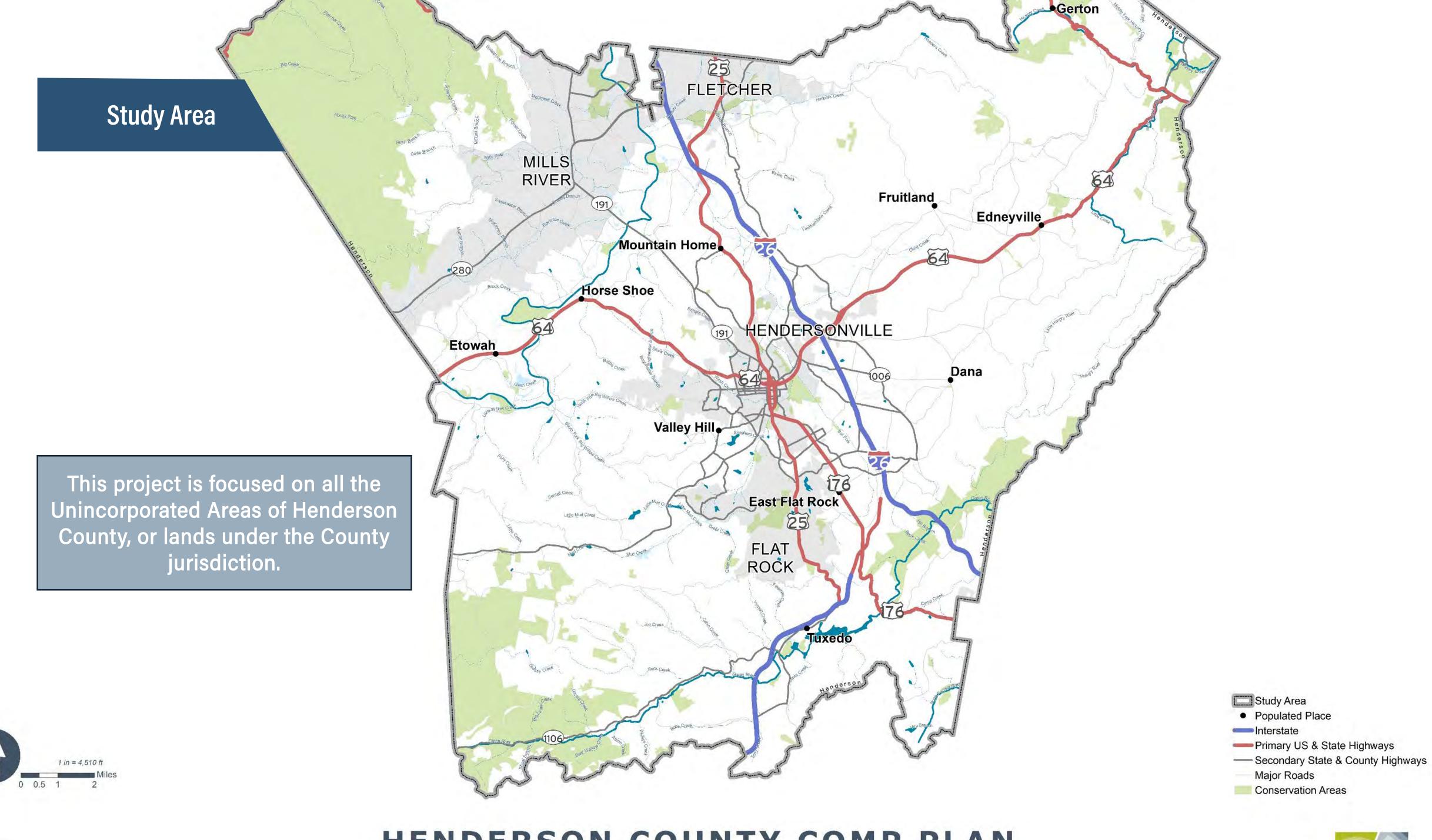
- Land uses, intensity, design
- Staff, programs and infrastructure investment

Collaborative

Documents a community conversation

Policy, not regulatory

Lays the groundwork for current and future regulations



HENDERSON COUNTY COMP PLAN

A Comprehensive Plan addresses...



Public Engagement



Stakeholder Interviews



Community Survey



Steering Committee



Public Meetings

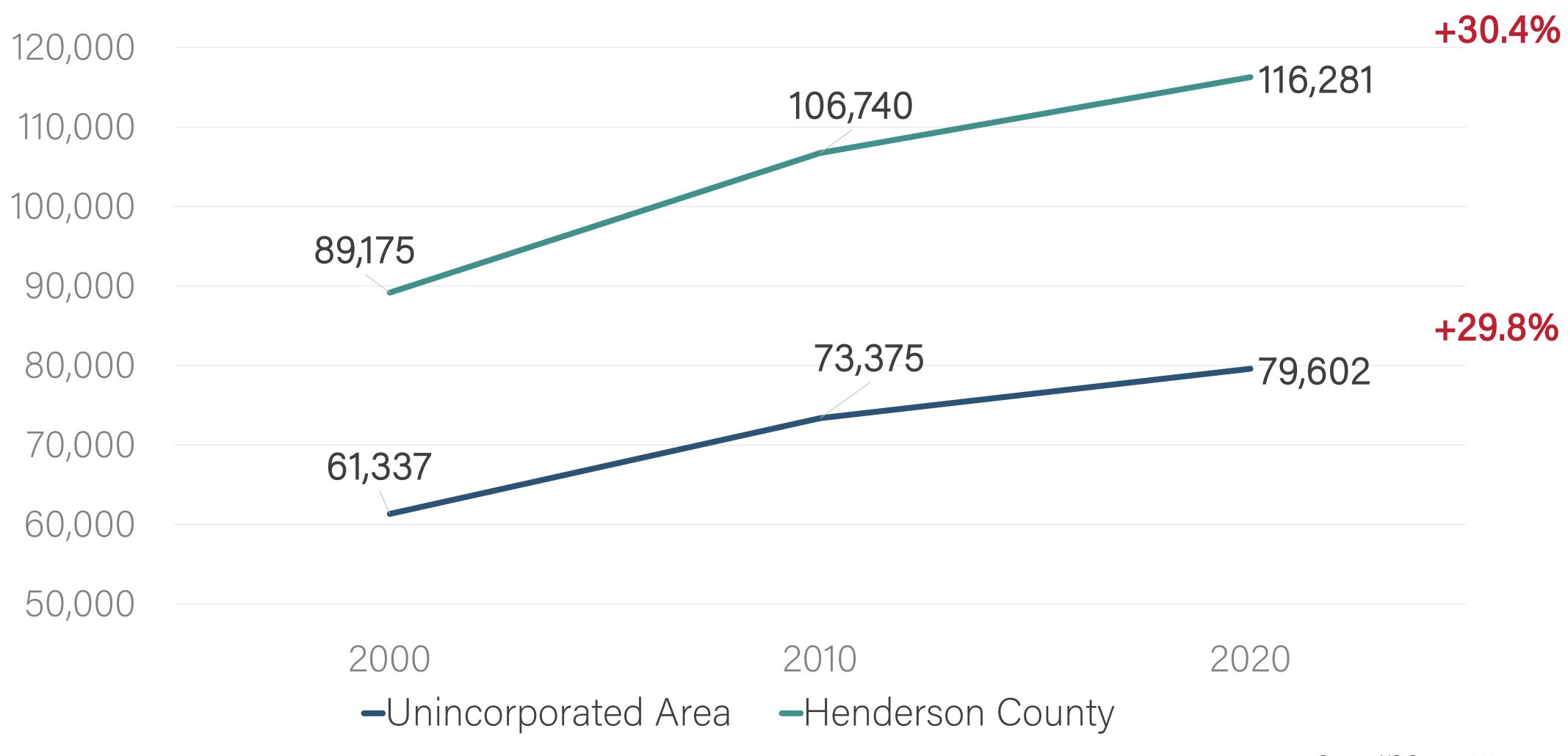


Website

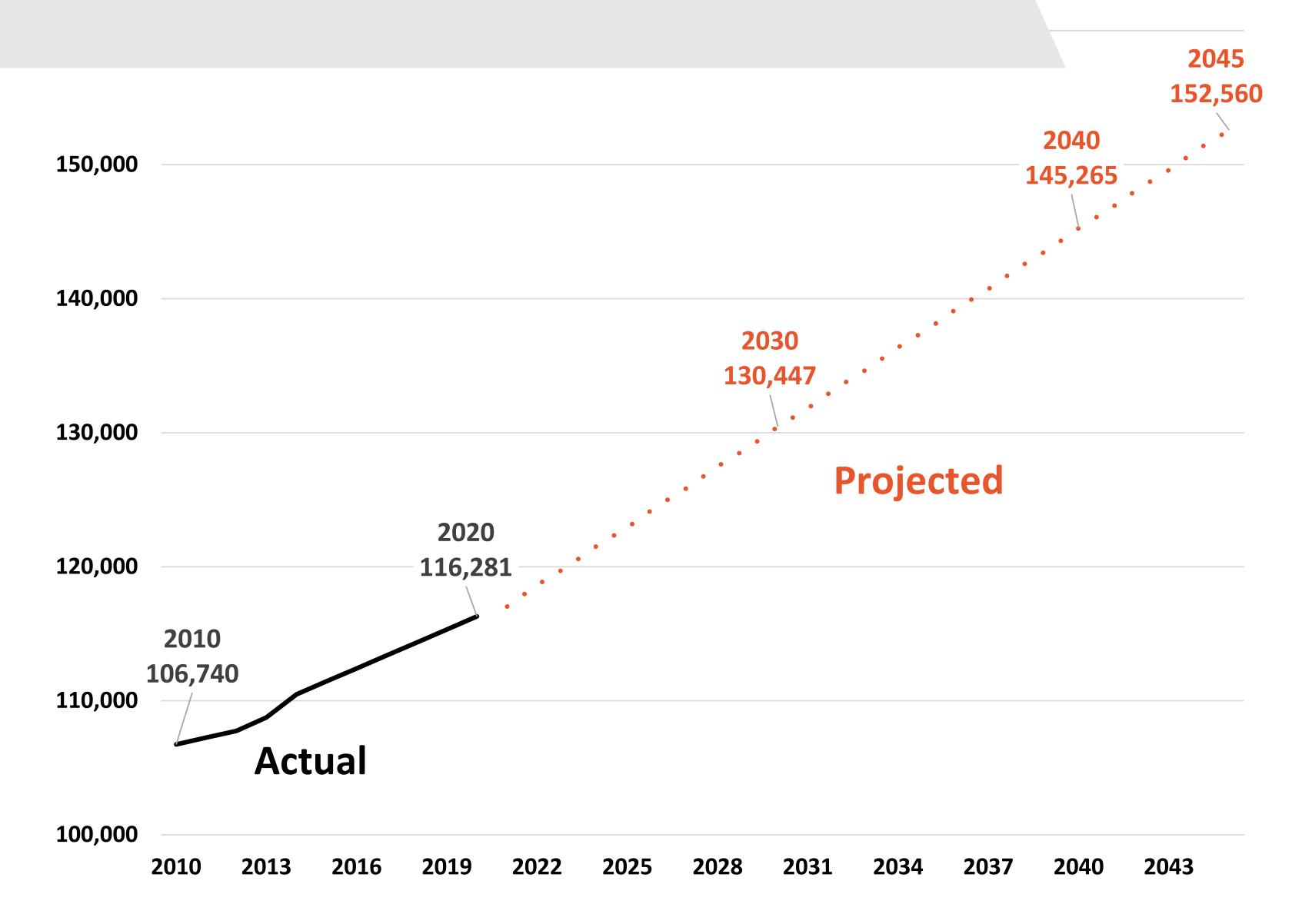
For more information visit the project website at www.hendersoncounty2045.com



POPULATION



POPULATION FORECASTS

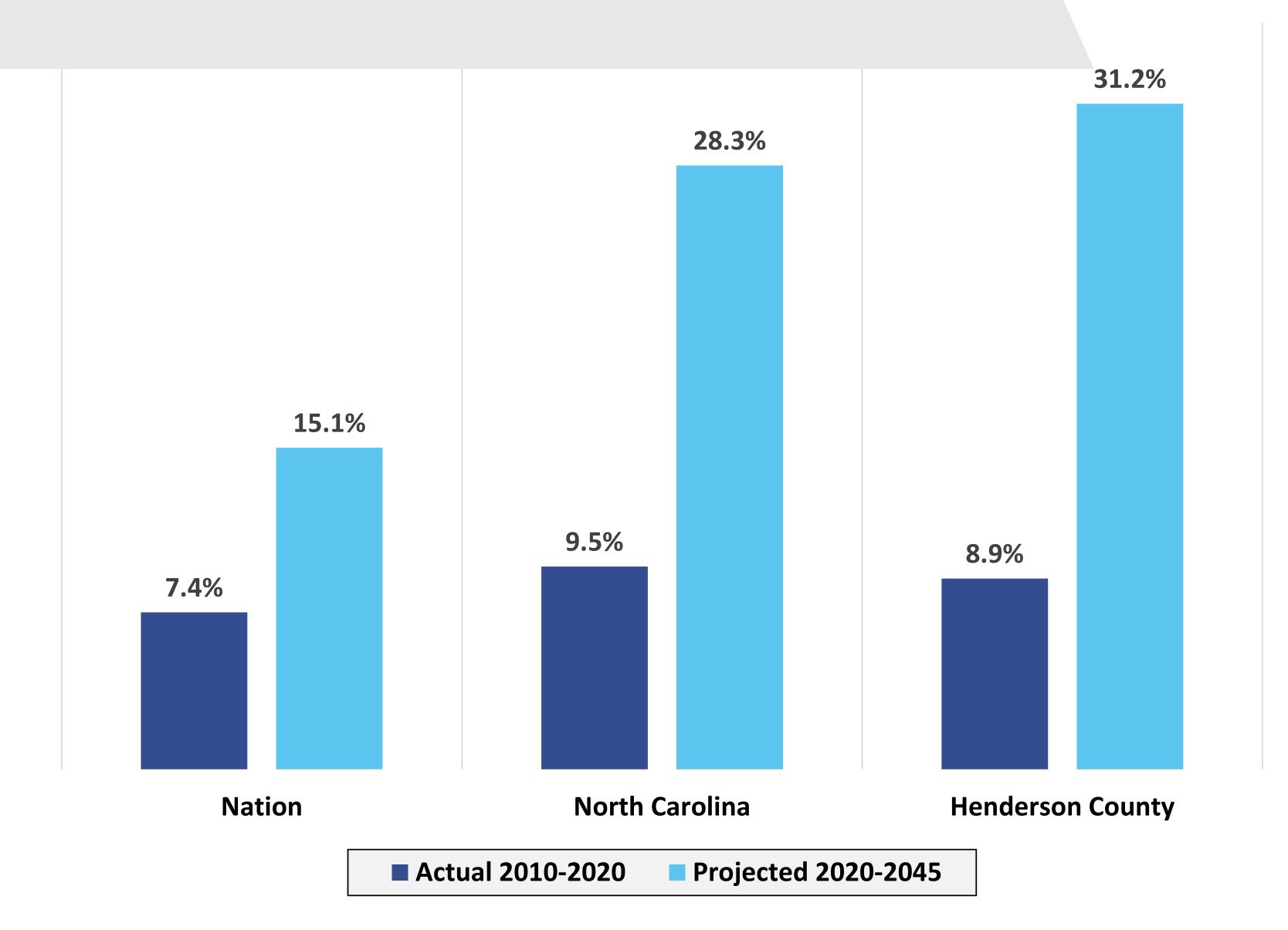


Henderson
County's population
is projected to add
slightly more than
36,000 net new
residents by the
year 2045.

An average of 1,450 net new residents each year.

Sources: US Census Bureau, NC Office State Budget & Management, SYNEVA Economics

PERCENT GROWTH



Henderson
County's population
growth rate is
projected to
outpace both the
state and nation.

Sources: US Census Bureau, NC Office State Budget & Management, SYNEVA Economics

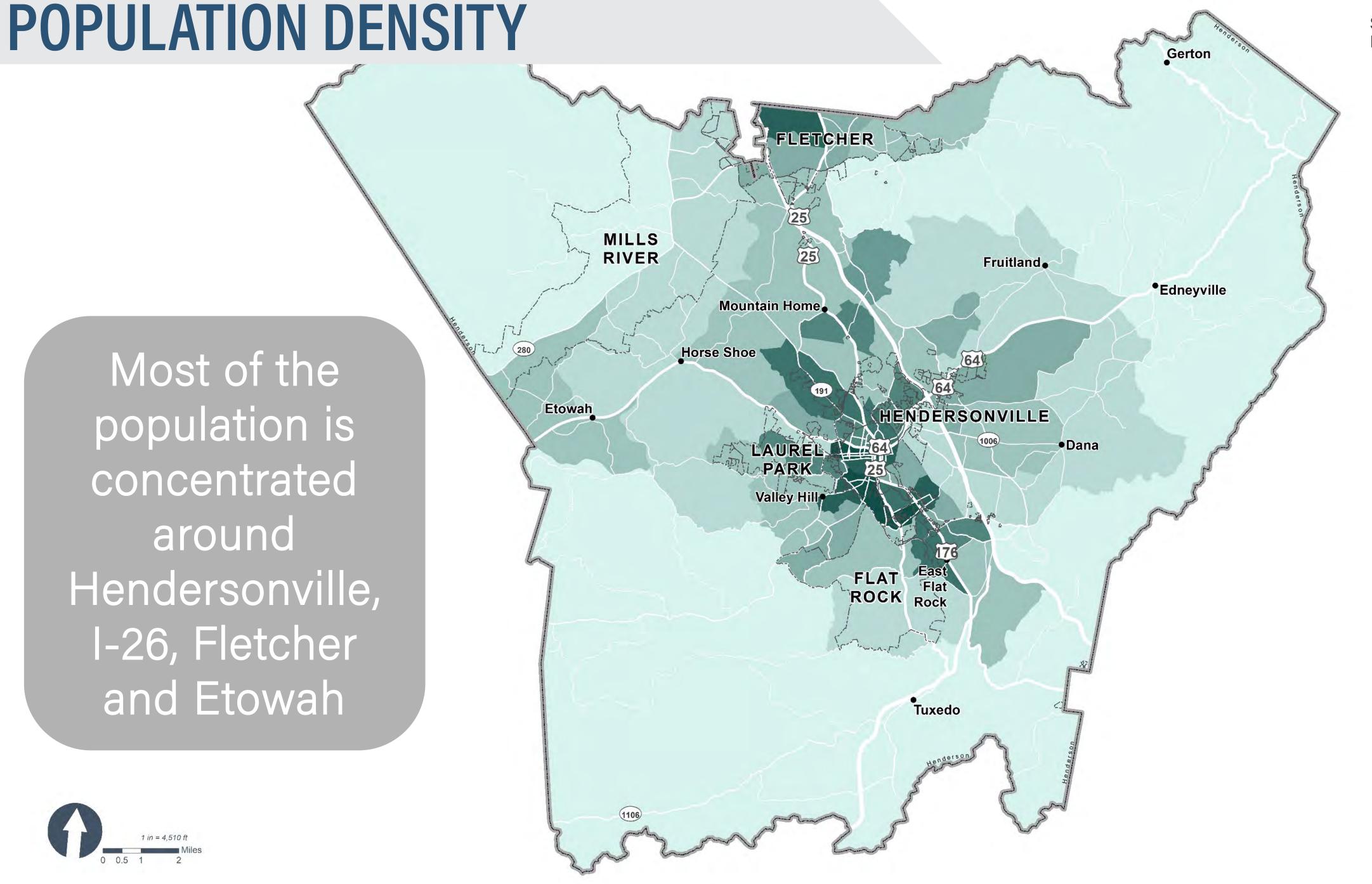
Study Area

2000 >

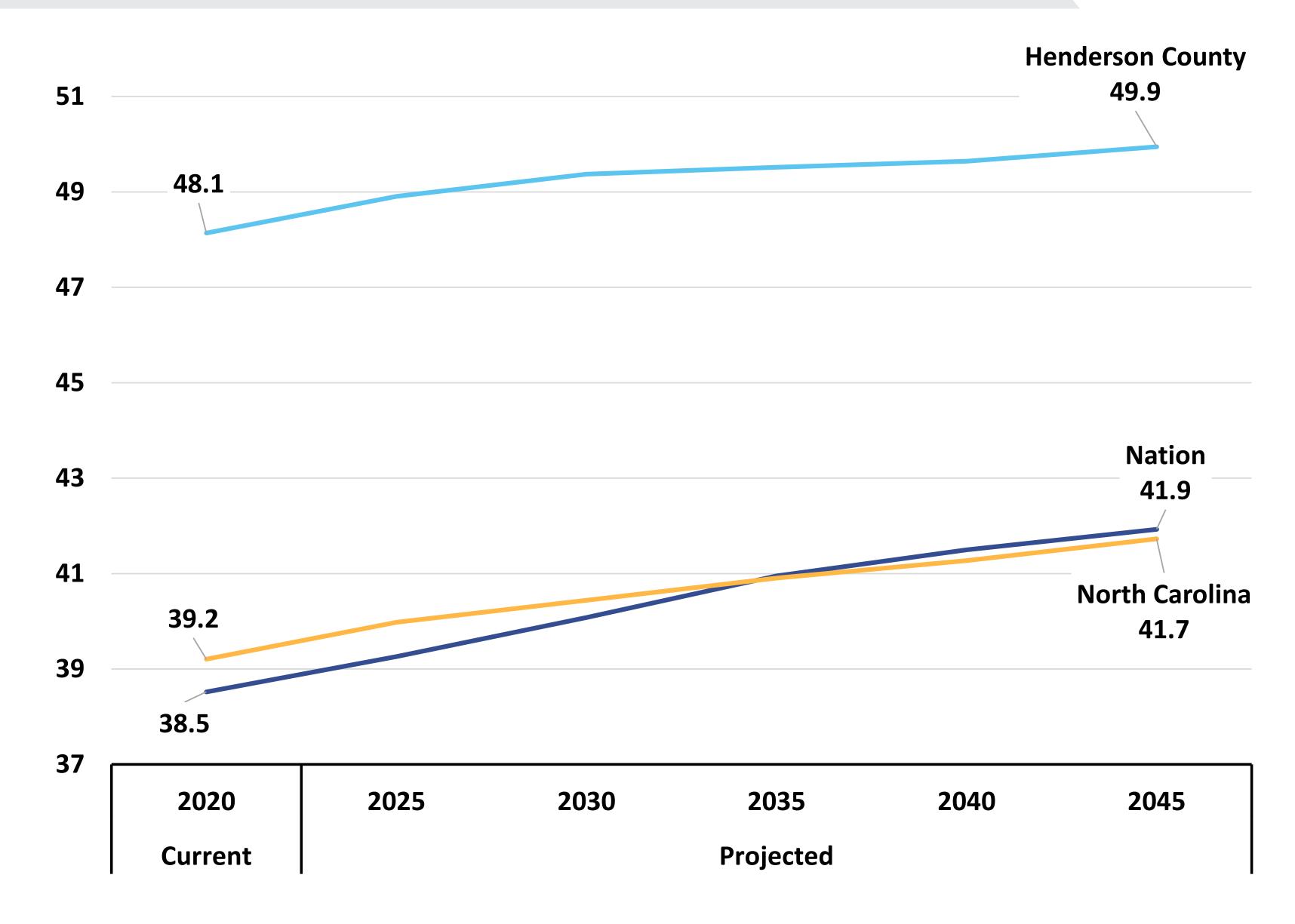
Municipal Limits

ACS Census Data (2019)

Population per Square Mile

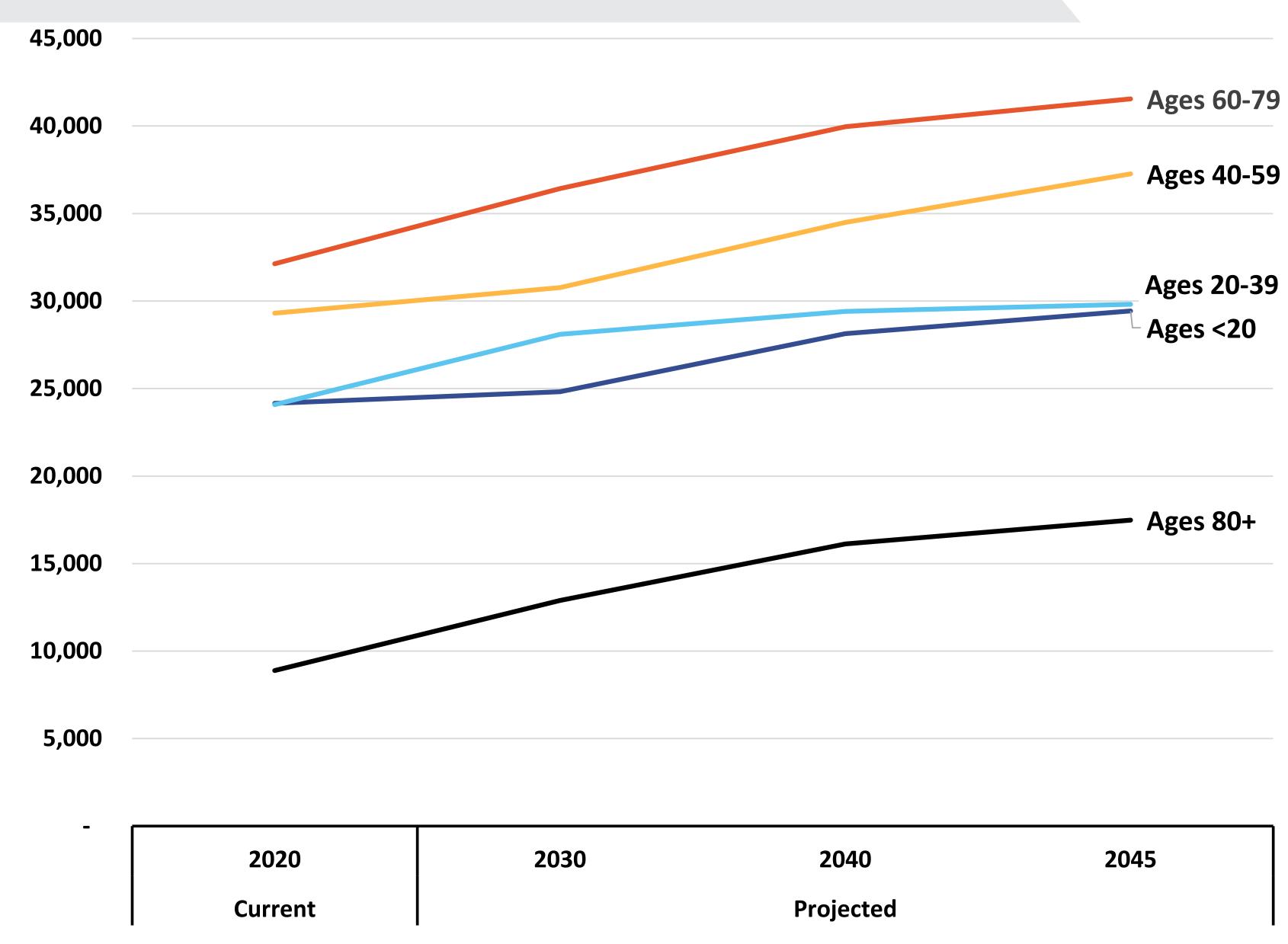


MEDIAN AGE



Henderson County's median age is projected to remain above the state and nation.

AGE GROUPS

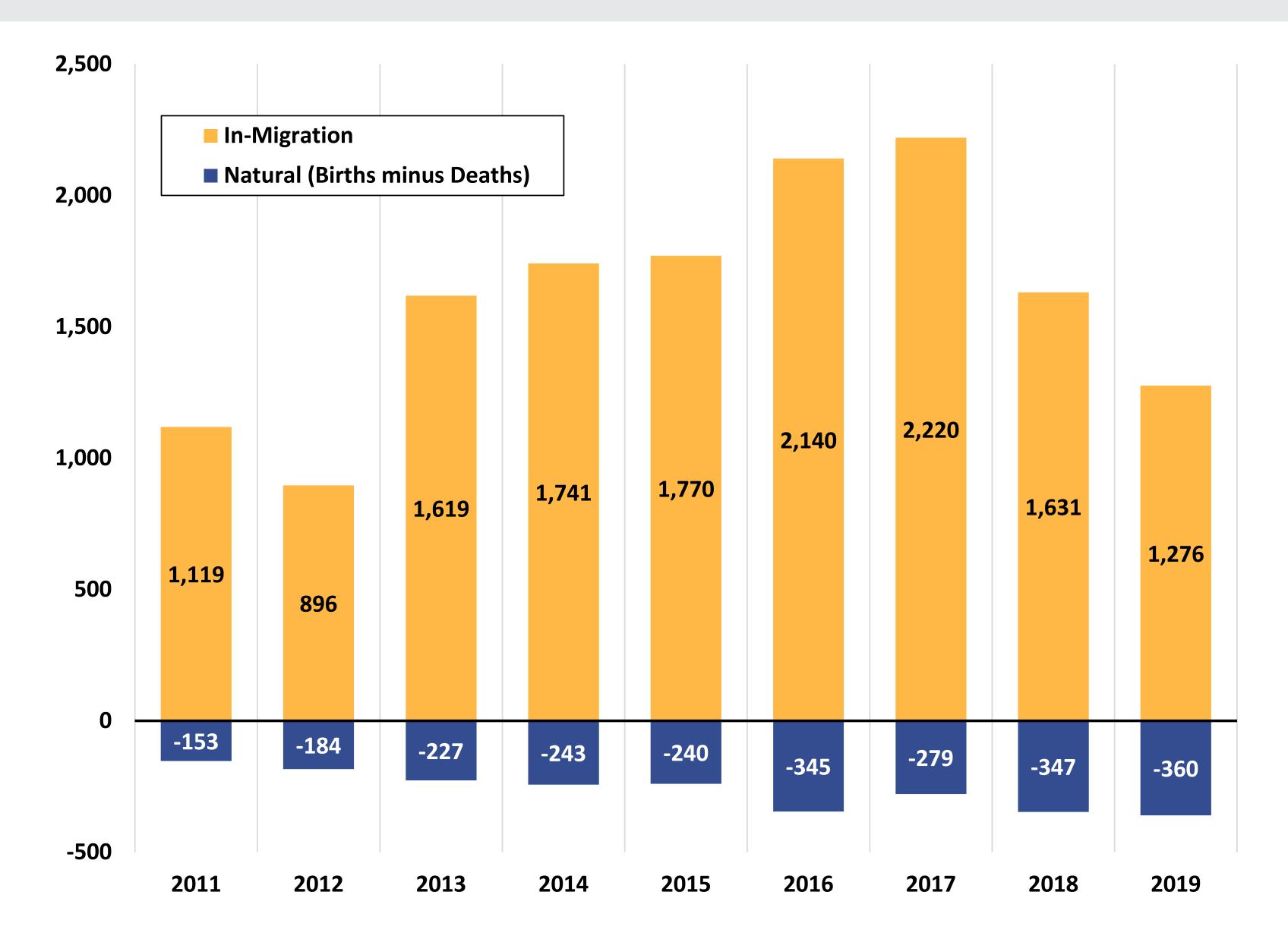


All age groups are projected to increase in size.

Ages 60-79 is projected to remain the largest age group in Henderson County.

Sources: NC Office State Budget & Management, SYNEVA Economics

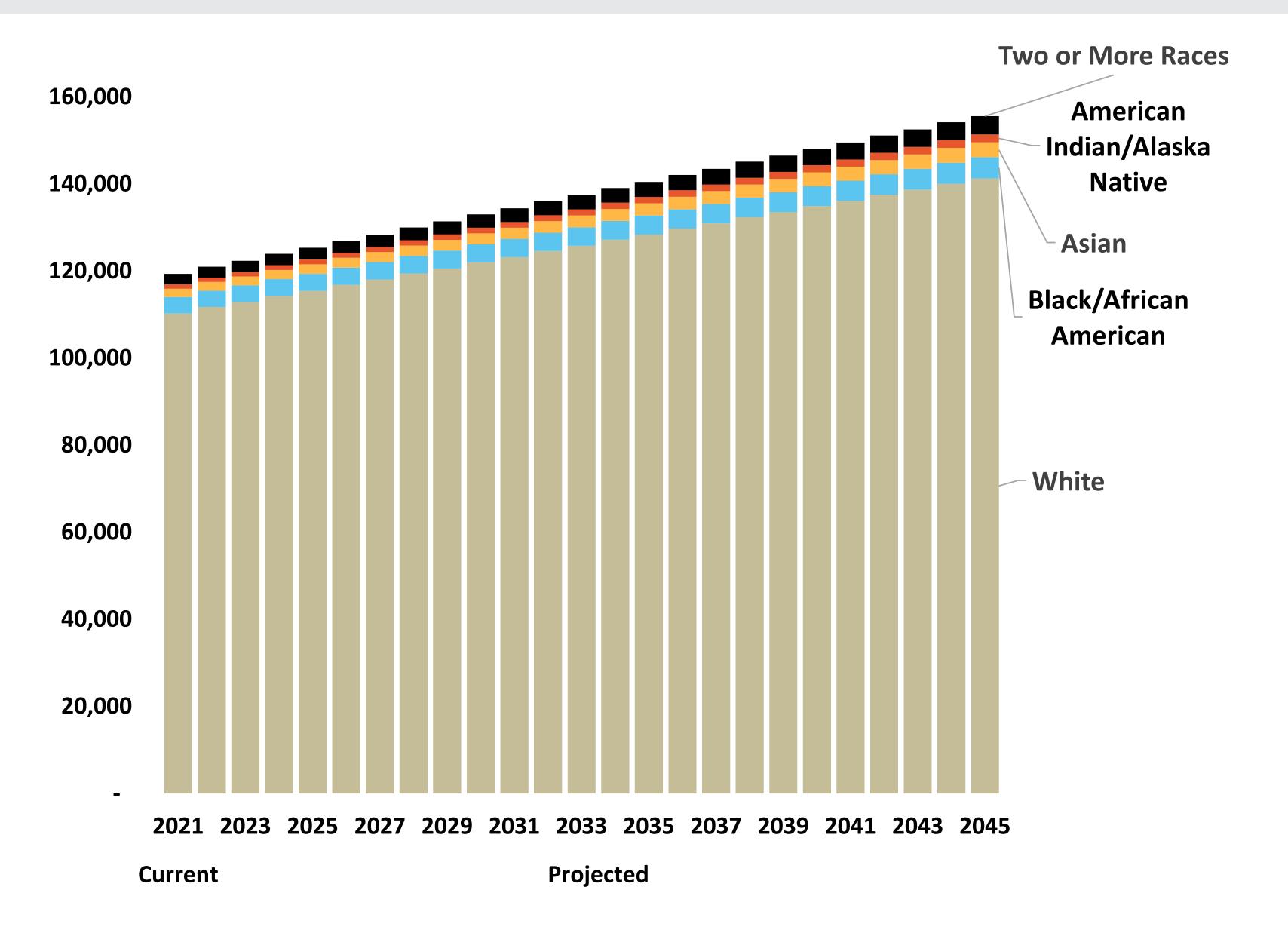
SOURCE OF POPULATION CHANGE



In-Migration into Henderson County accounts for all of the county's net population growth.

Sources: US Census Bureau, SYNEVA Economics

POPULATION BY RACE

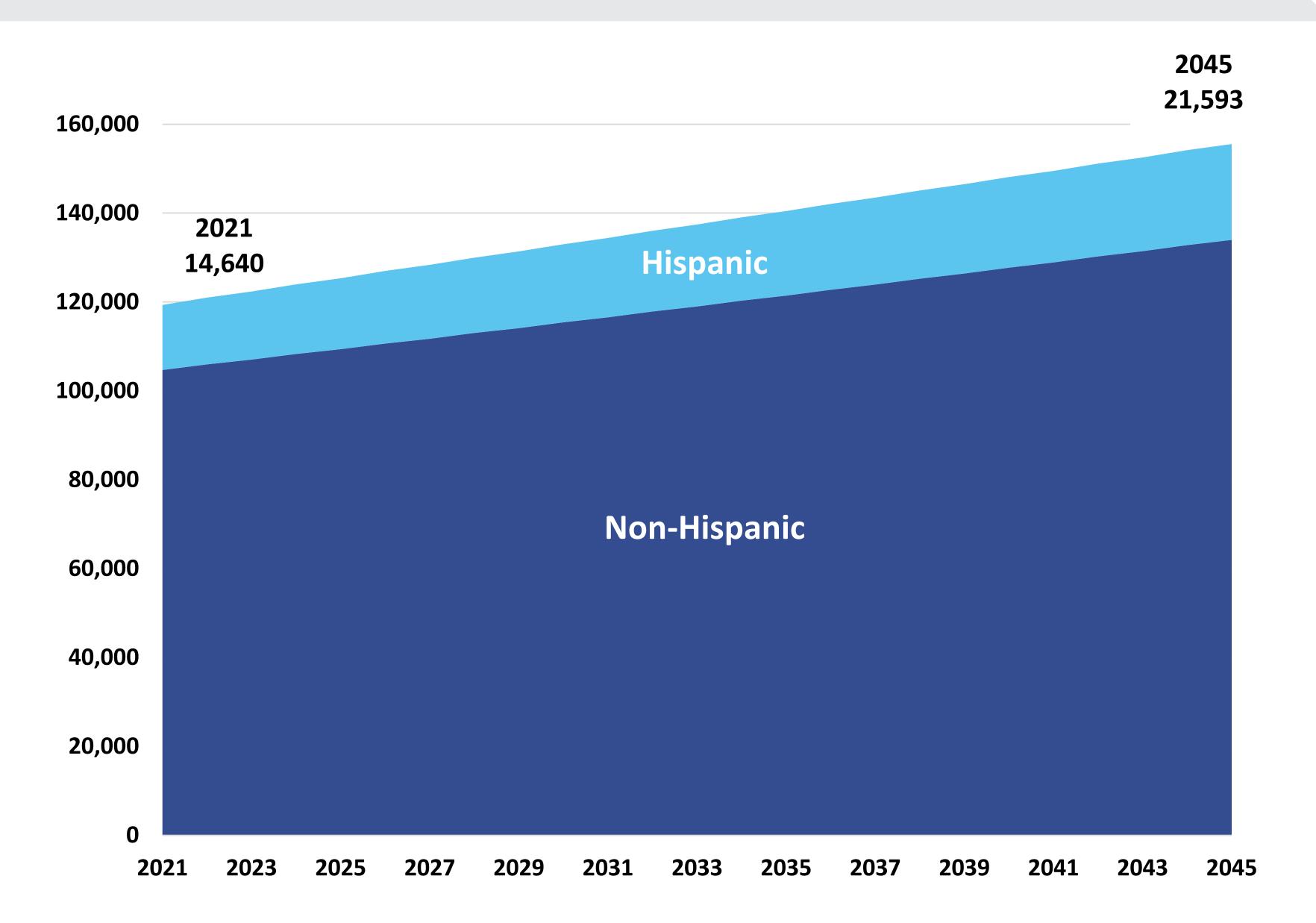


Henderson
County's racial
composition is
projected to remain
relatively
unchanged.

White 91%
Black 3%
Asian 2%
AIAN 1%
>One/Other Race
3%

Sources: NC Office State Budget & Management

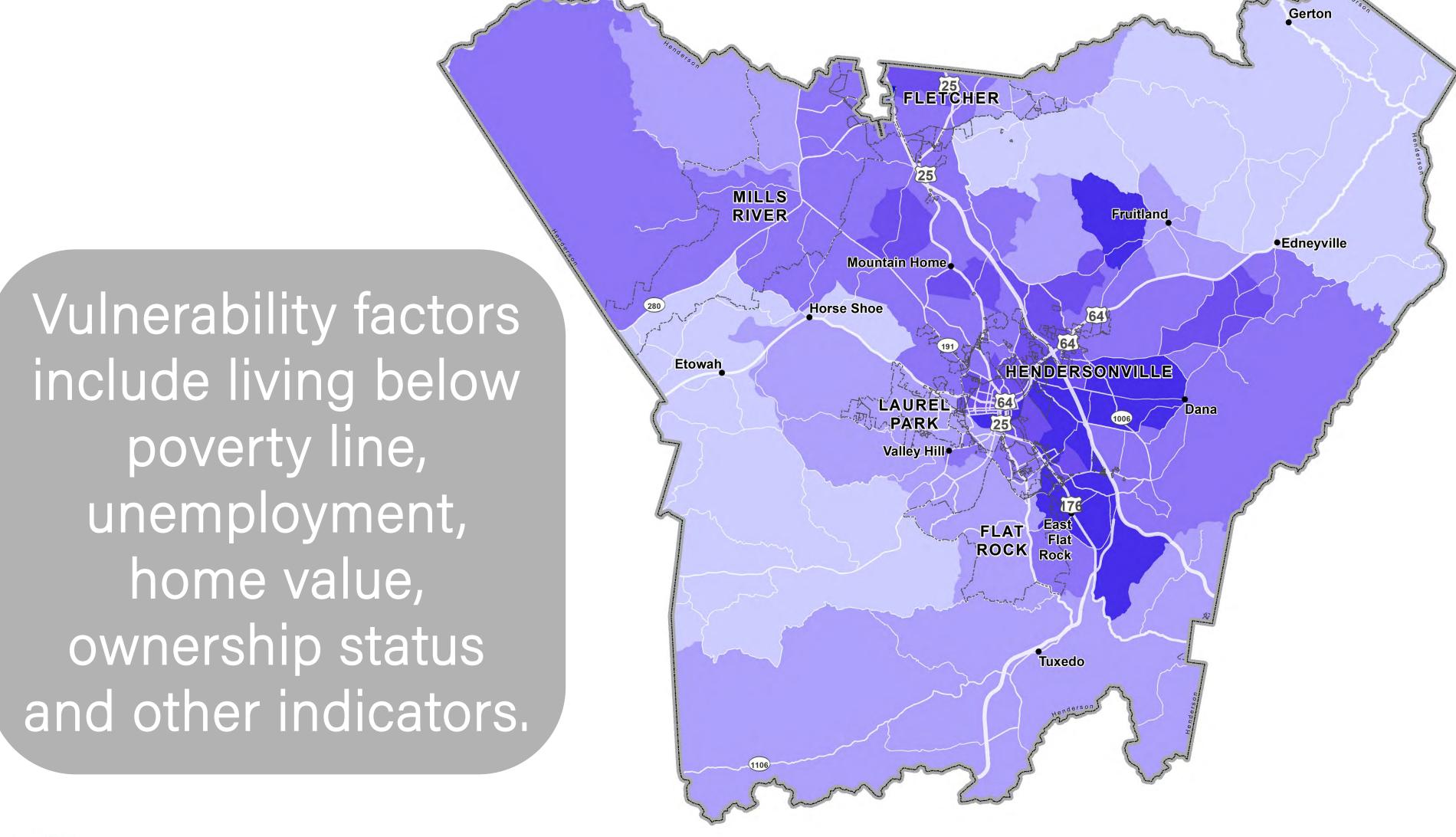
POPULATION BY ETHNICITY

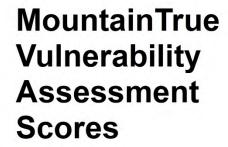


Henderson
County's Hispanic
population is
projected to
increase 6,953 by
2045 (+47.5%) to a
total of 21,593.

Going from 12.3% of total population in 2021 to 13.9% in 2045.

MAP OF VULNERABLE POPULATIONS





0 -

4 - 6

7 - 9

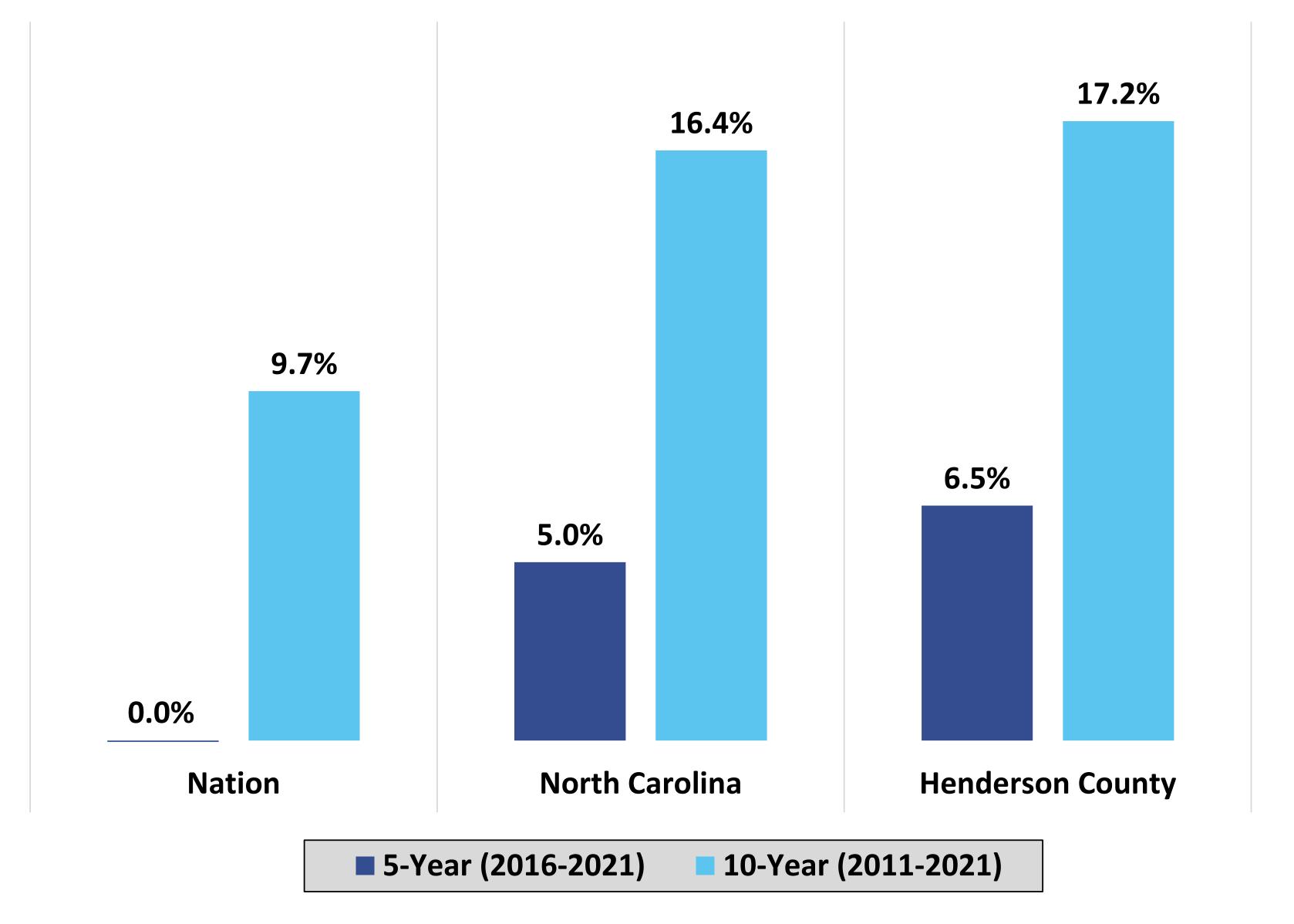
10 - 12

13 - 15

16 or more



Employment Growth Rates

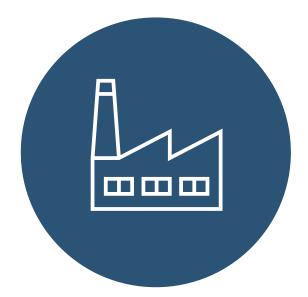


Henderson
County's
employment
growth rate has
outpaced the
nation and state.

EMPLOYMENT

Top Industries

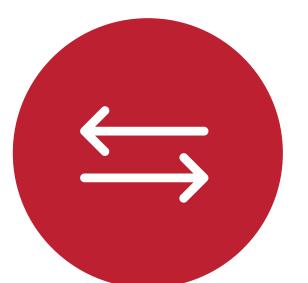
Growing Sectors



Manufacturing



Construction



Wholesale Trade

Top Sectors



Manufacturing



Agriculture

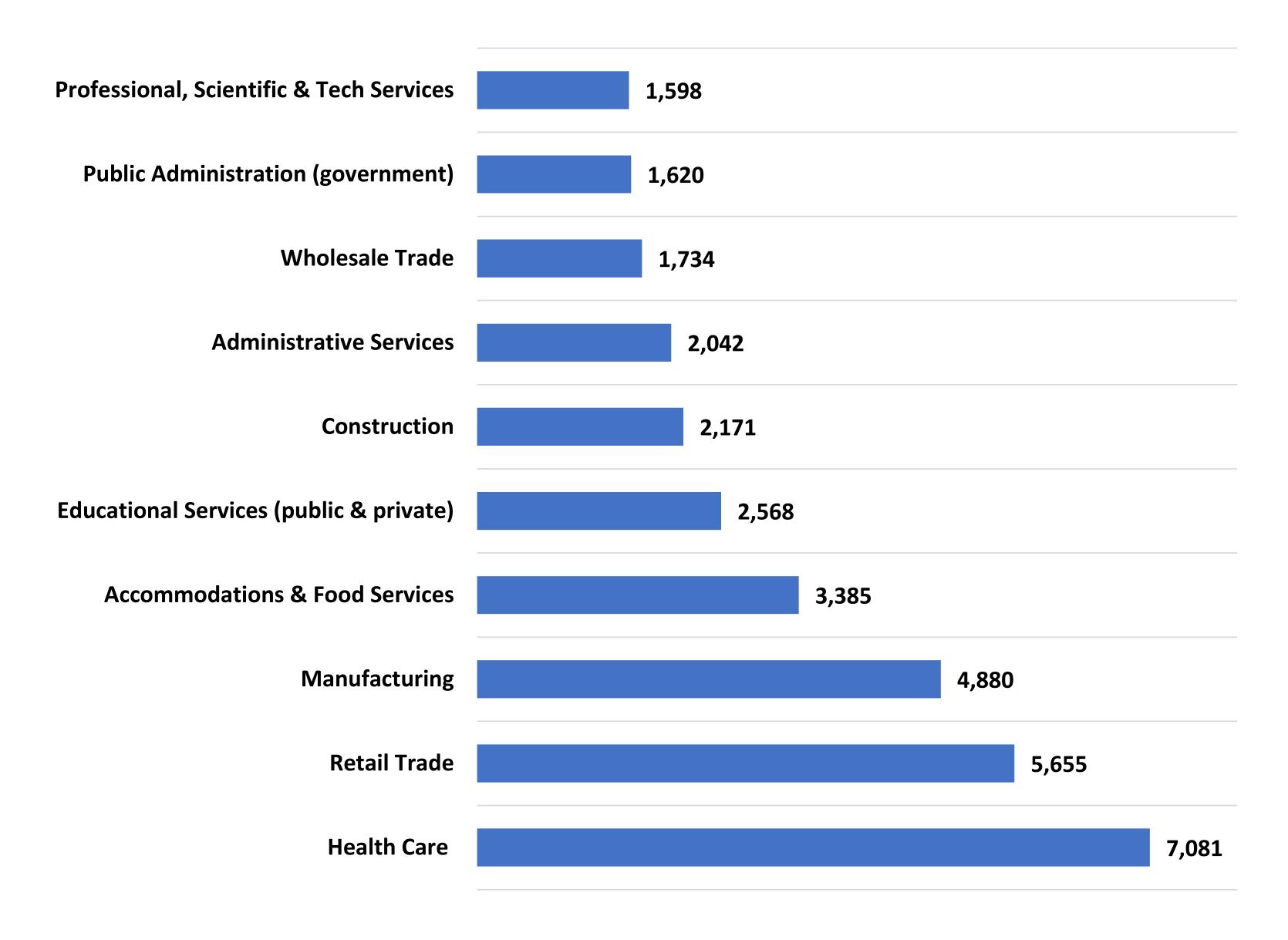


Professional services

(Engineering, Financial, Tech)

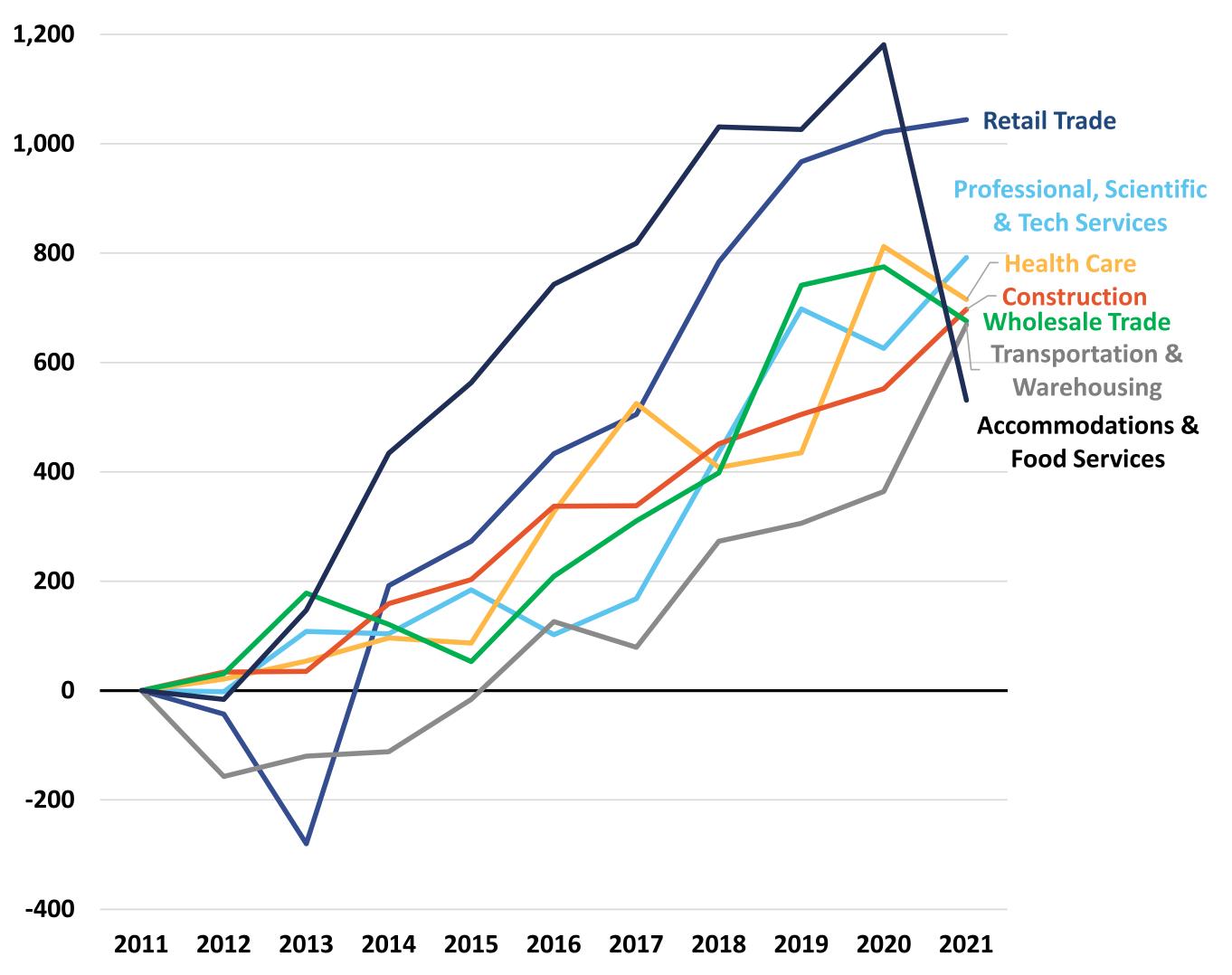
Source: Henderson County Relocation Guide and US census

Ten Largest Sectors by Employment



Henderson
County's four
largest industry
sectors account for
55% of all
employment.

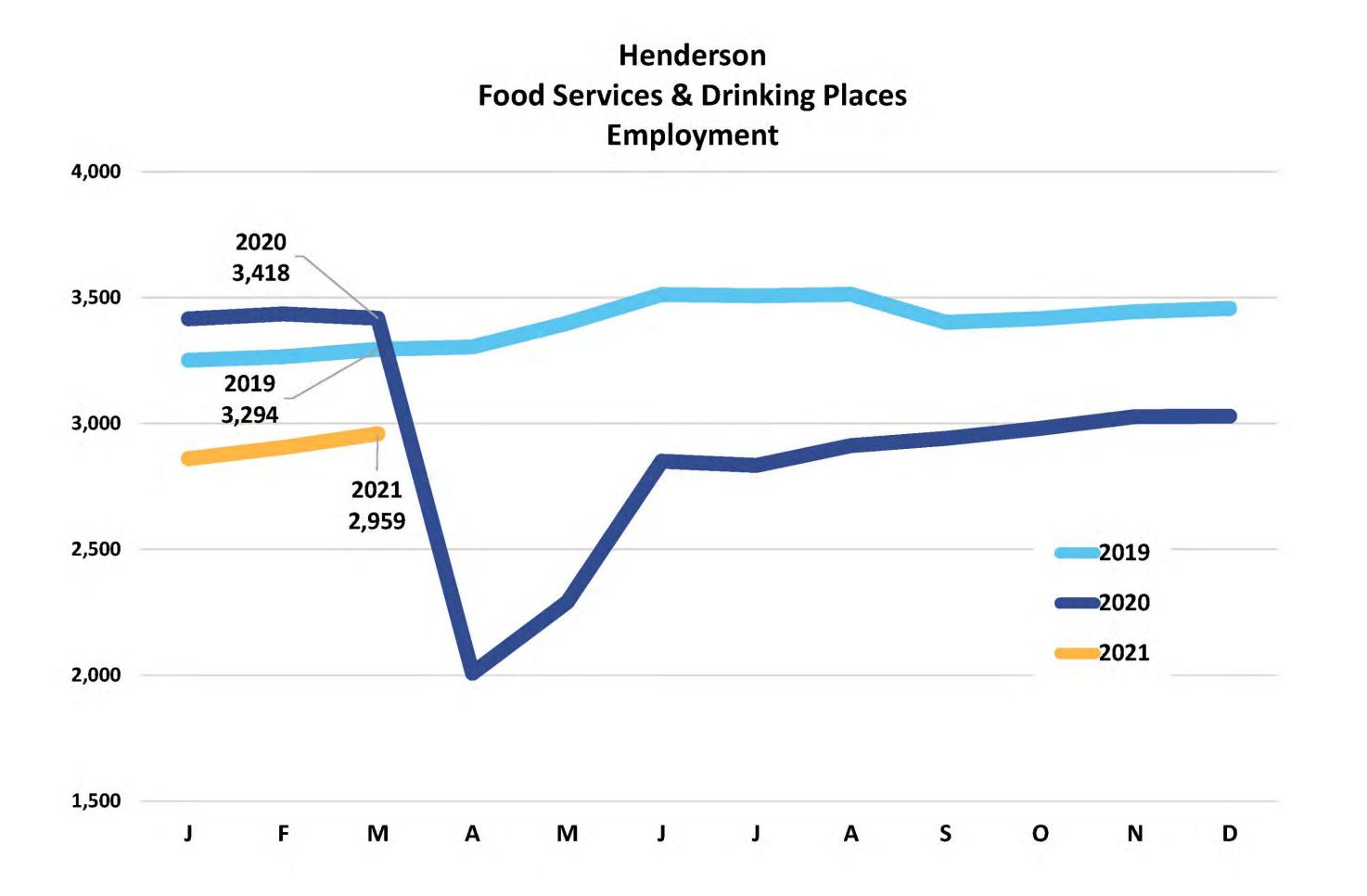
Largest Employment Gains by Sector (2011 = 0)



Accommodations & Food Services led Henderson County's employment growth until the pandemic.

Sources: NC Department of Commerce, 1st Quarters

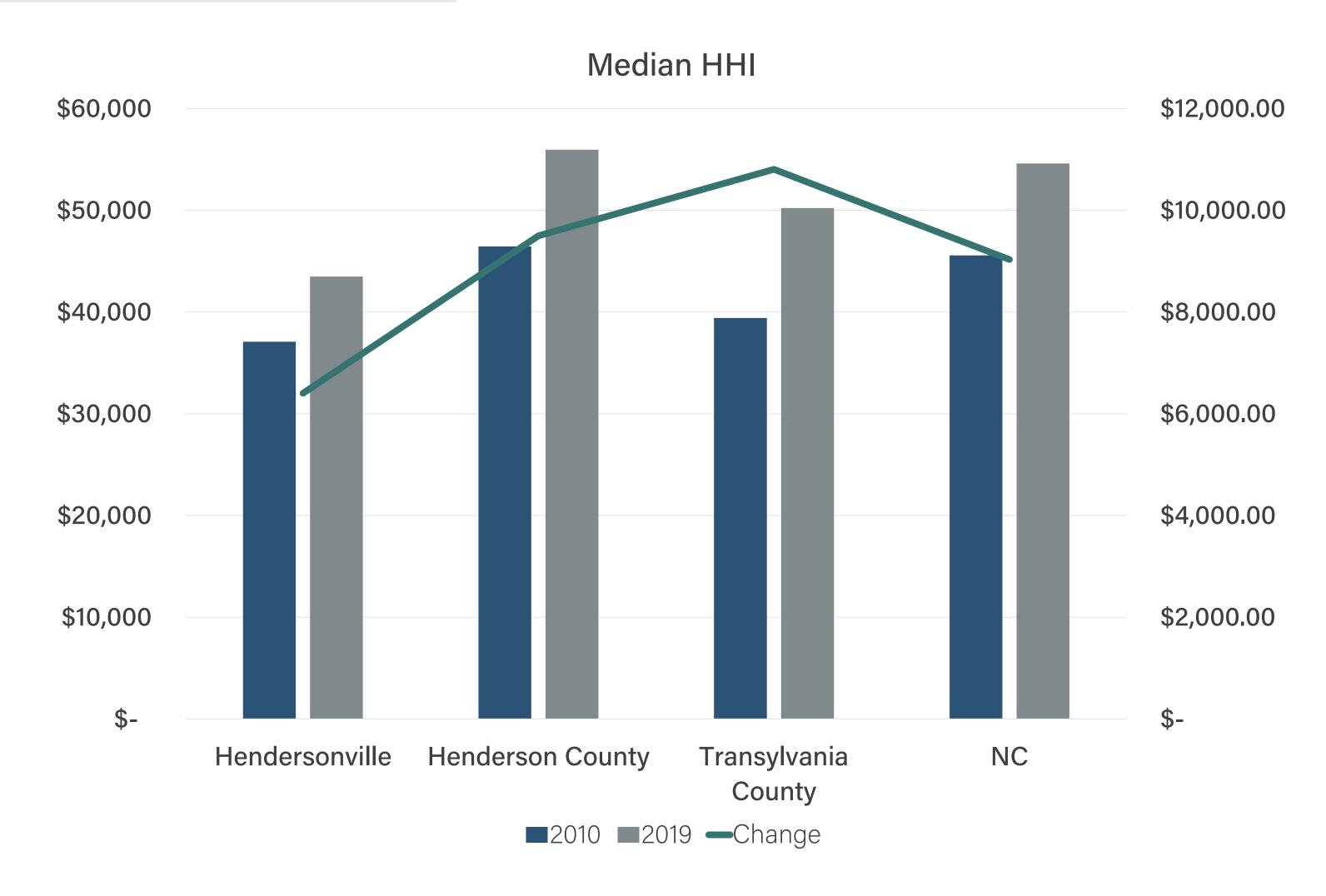
Hospitality in 2021



Hospitality
Rebounds in 2021
But still short of
prepandemic
employment

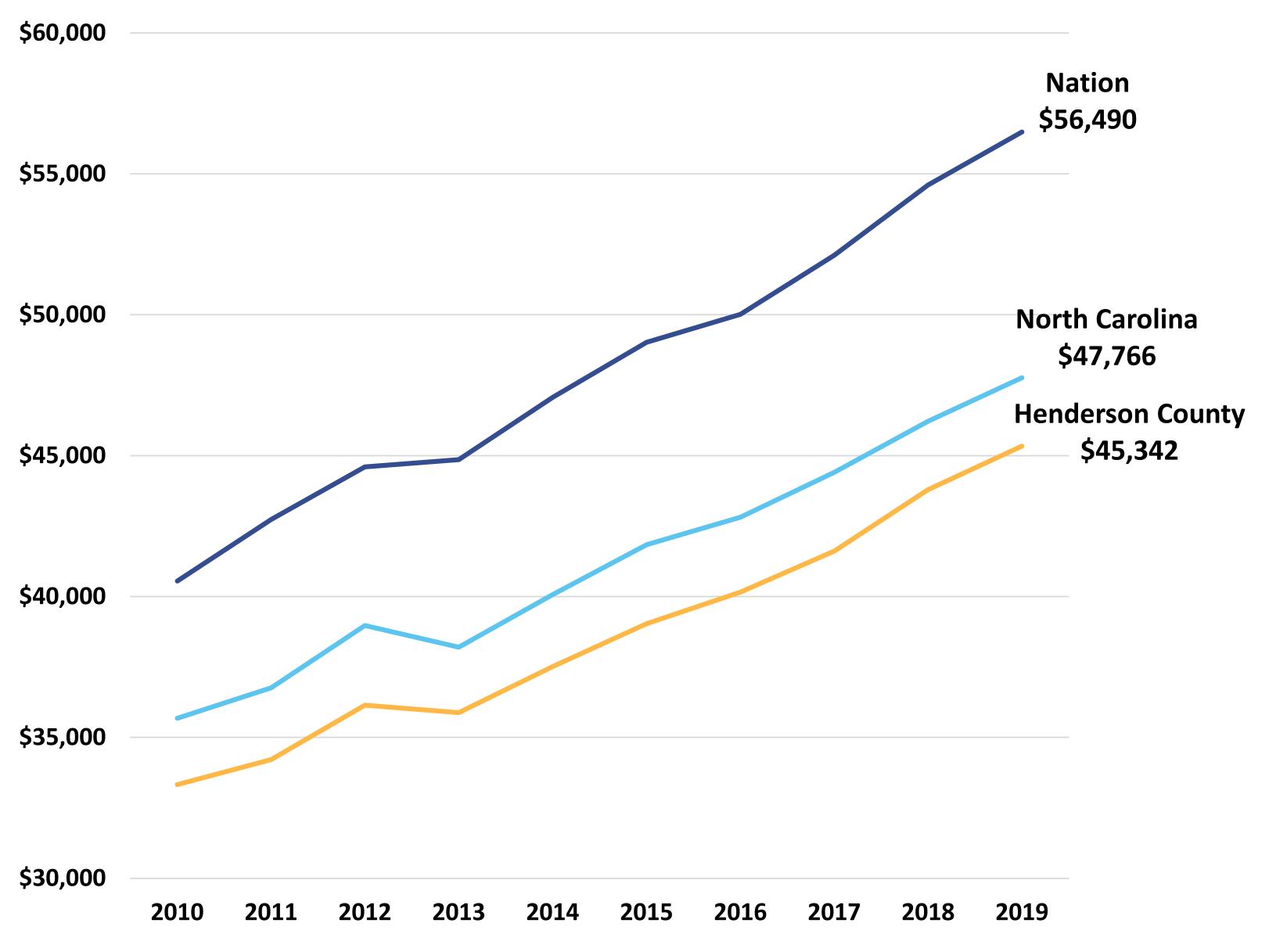
INCOME AND POVERTY

- 2019 Median Household income in Henderson County (all areas):
 \$55,945
- Estimated income for
 unincorporated area: \$54,123
- Poverty has dropped 36%
 since 2010, from 16.6% to
 10.5%



Source: 2000 Decennial Census, 2010, 2019 ACS 5-year estimates

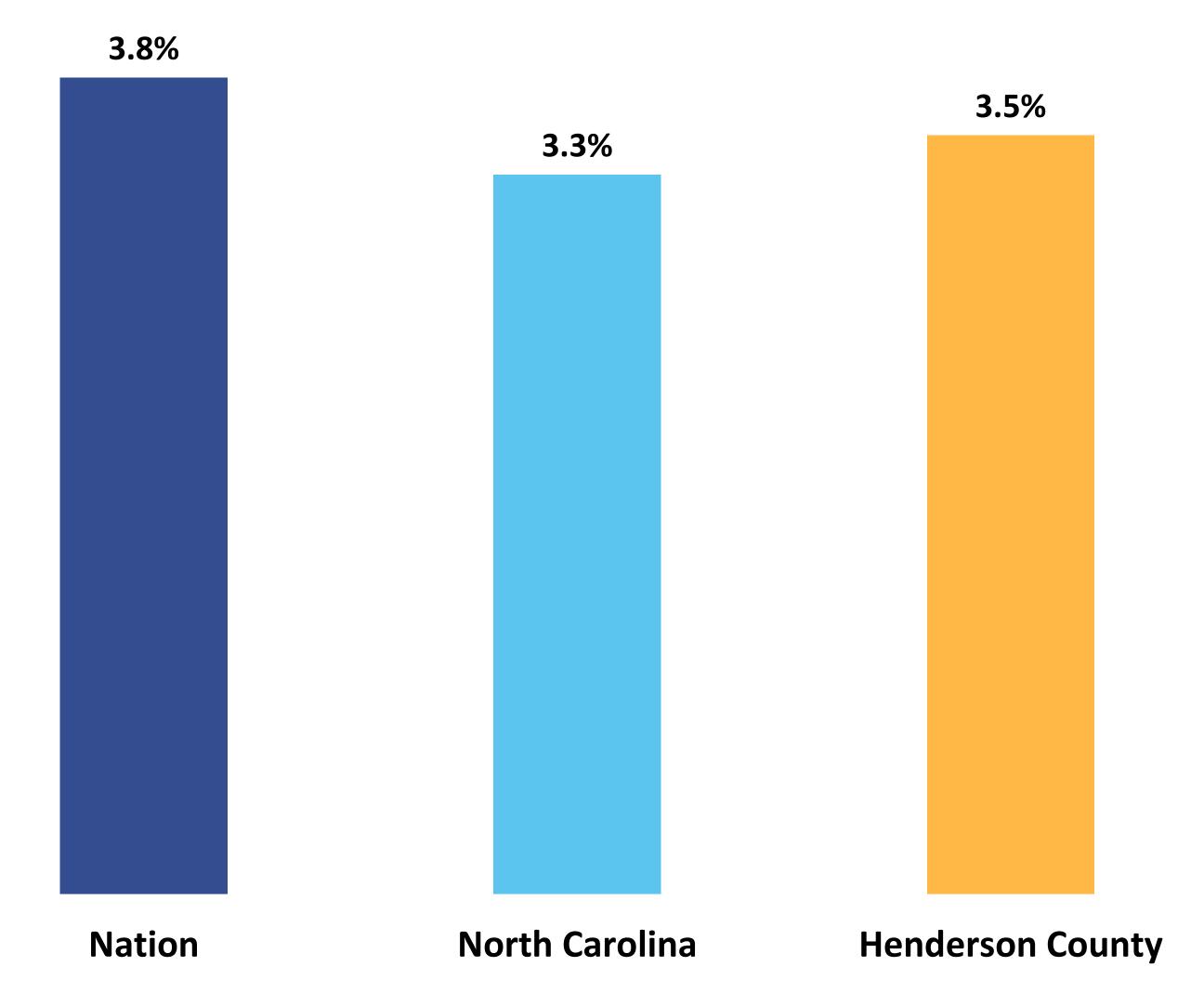
Per Capita Income



Henderson
County's Per Capita
Income has
averaged 25%
below the national
average and 7%
below the
statewide average
for the last decade.

Sources: US Bureau of Economic Analysis

Average Annual Growth in Per Capita Income (2010-2019)



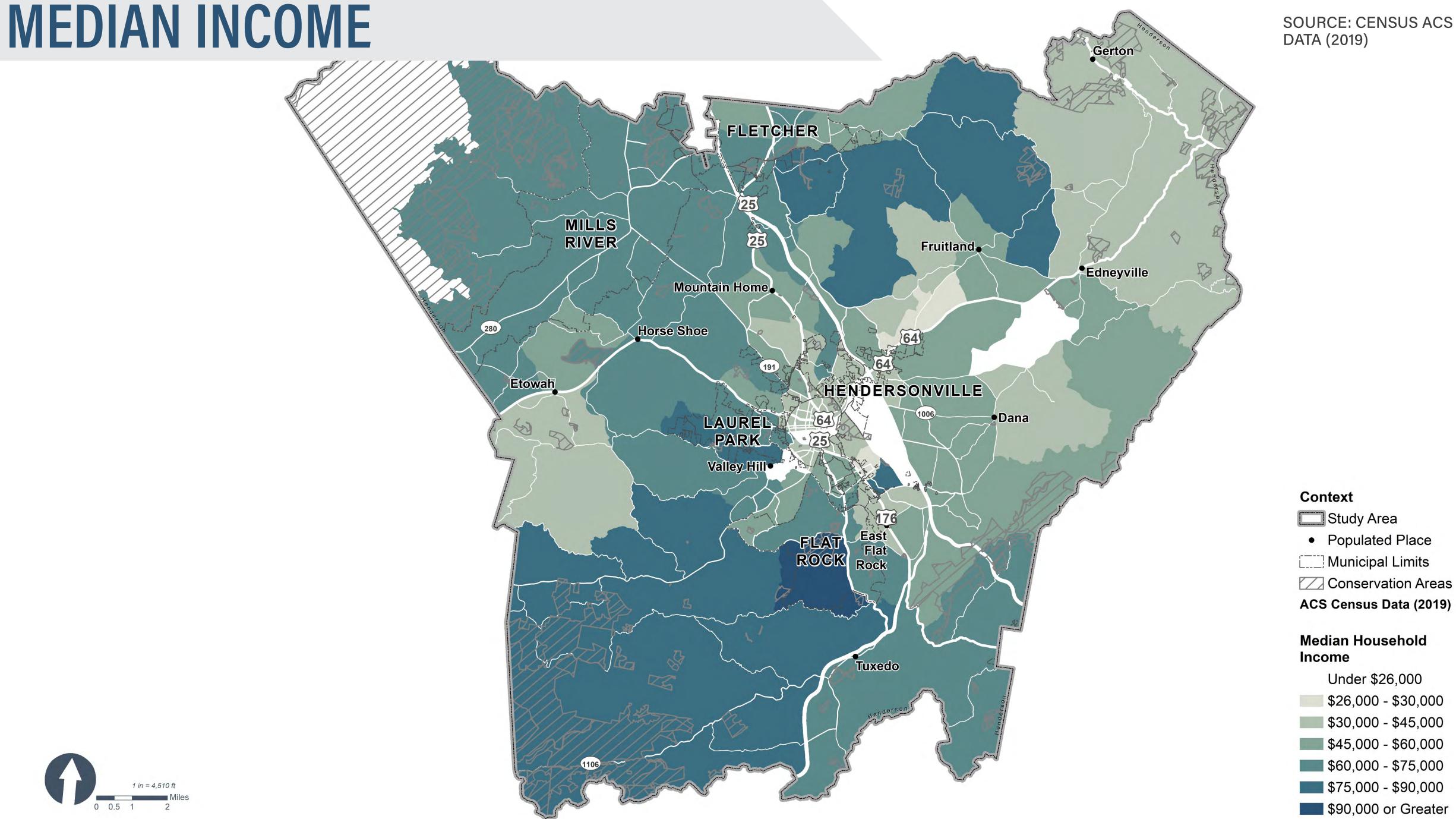
Henderson
County's growth in
Per Capita Income
has held close to
the pace in the
nation & state.

Sources: US Bureau of Economic Analysis, SYNEVA Economics, unadjusted for inflation

SOURCE: CENSUS ACS DATA (2019)

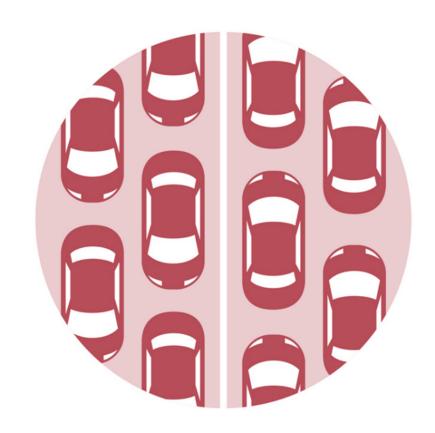
Under \$26,000

\$26,000 - \$30,000



TRANSPORTATION

Average Commute Time



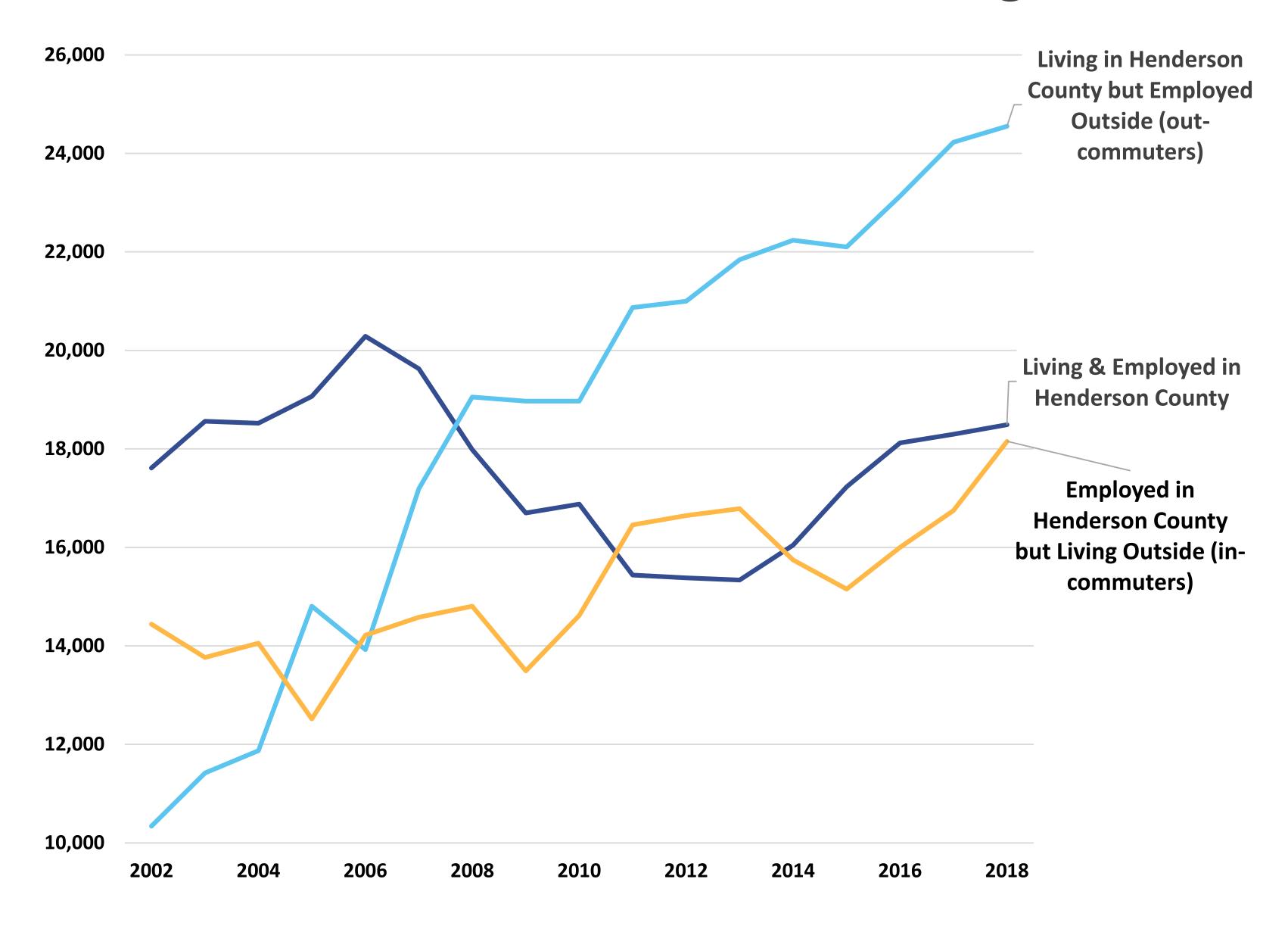
21.8
Minutes
(24.8 in NC)

90.7% drove to work (90.1% for NC)

1.6% walked/biked/bused (3.0% for NC)

6.5% worked from home (5.8% for NC)

Workforce Commuting



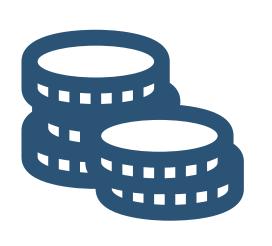
As of 2018, 57% of Henderson County's resident workers commuted outside the county for employment.



HOUSING



58,811
Housing Units



\$853/month

Median Gross Rent

(\$907 for NC)



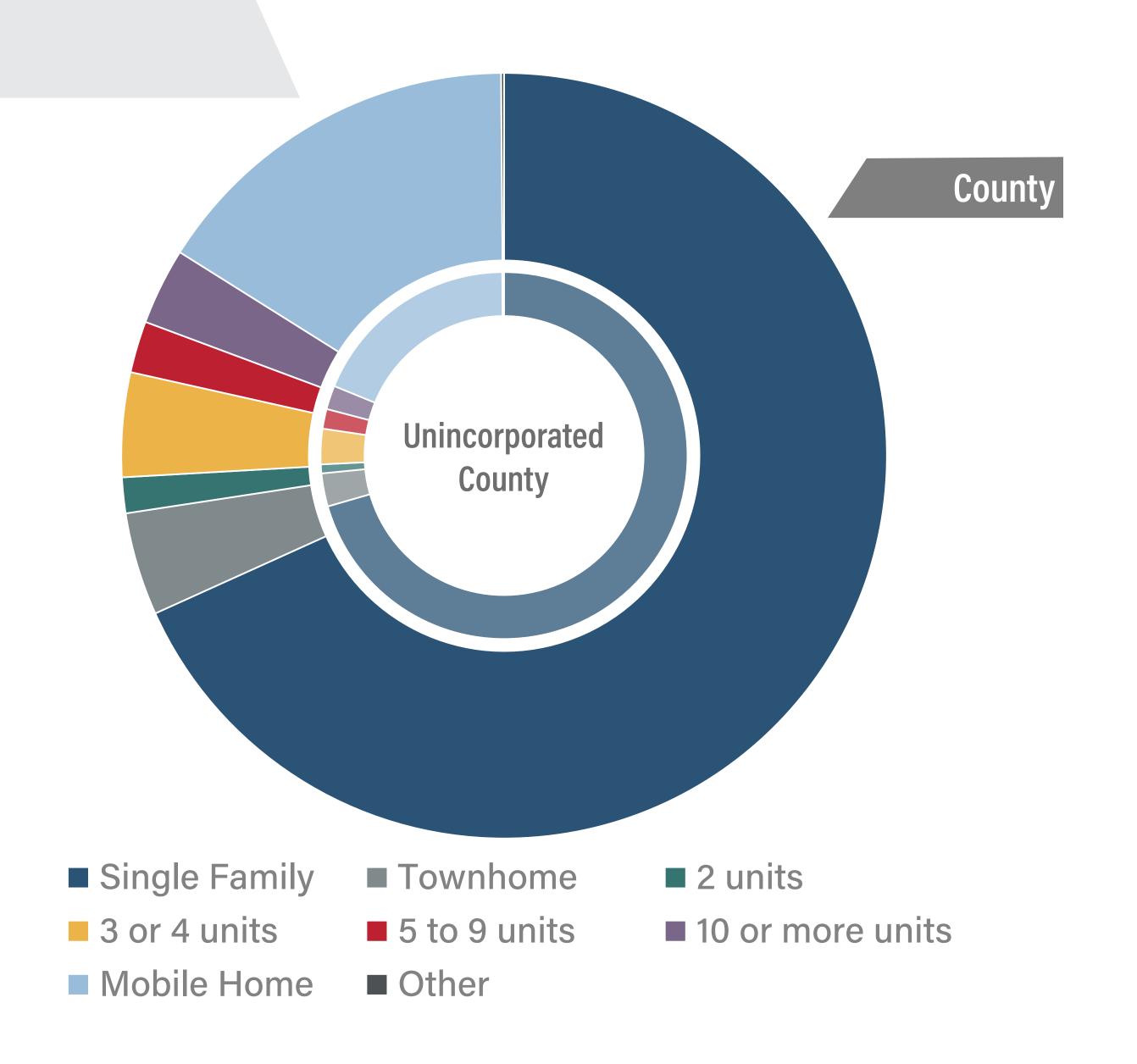


Developments in Henderson County are set to add more than 2,600 HOUSING UNITS in the county over the next several years.

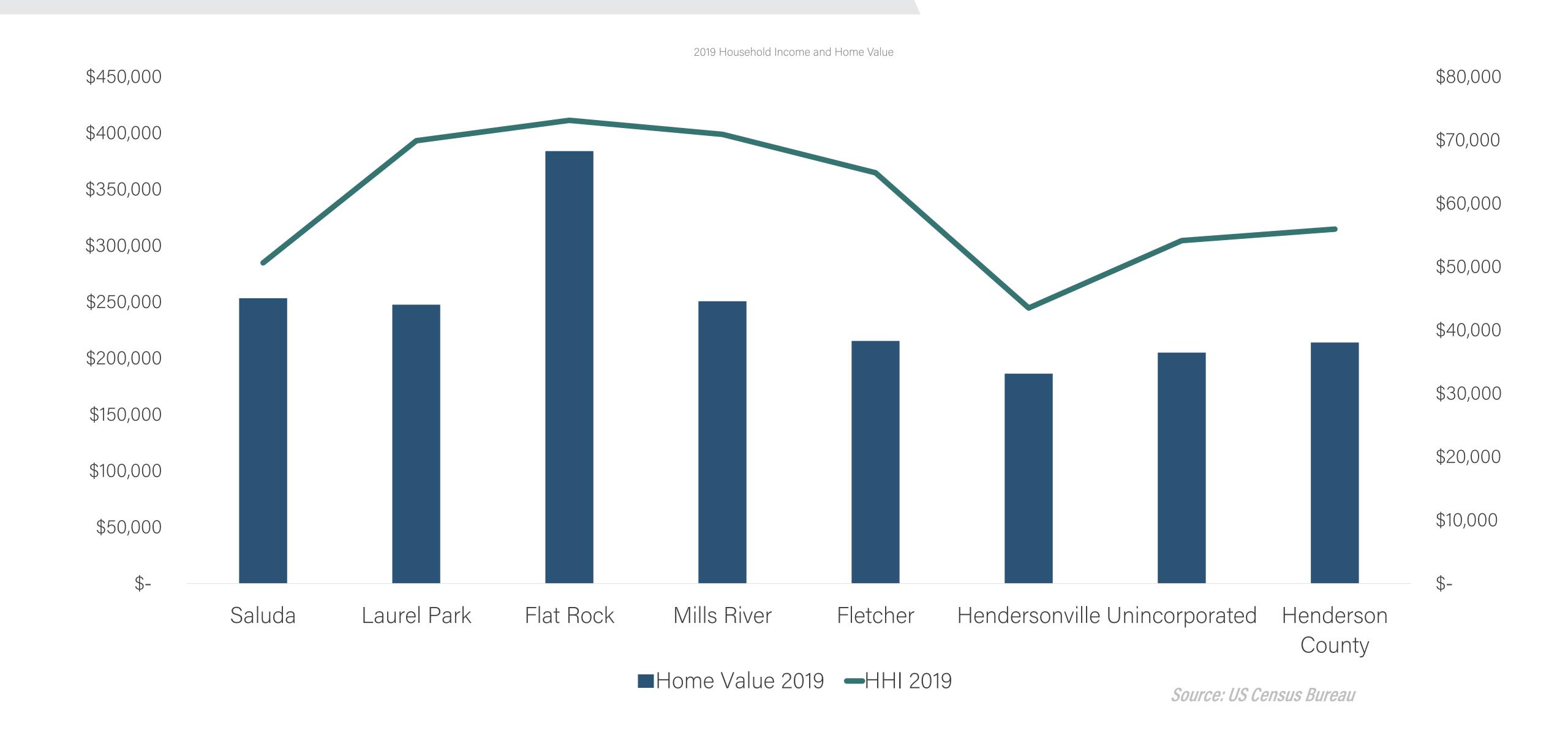
Source: BlueRidgeNow.com

HOUSING

- 68% (71%) single family homes
- 45% of homes built 1990 or after
- Ownership:
 - 71% (74%) Owner
 - 29% (26%) Renter



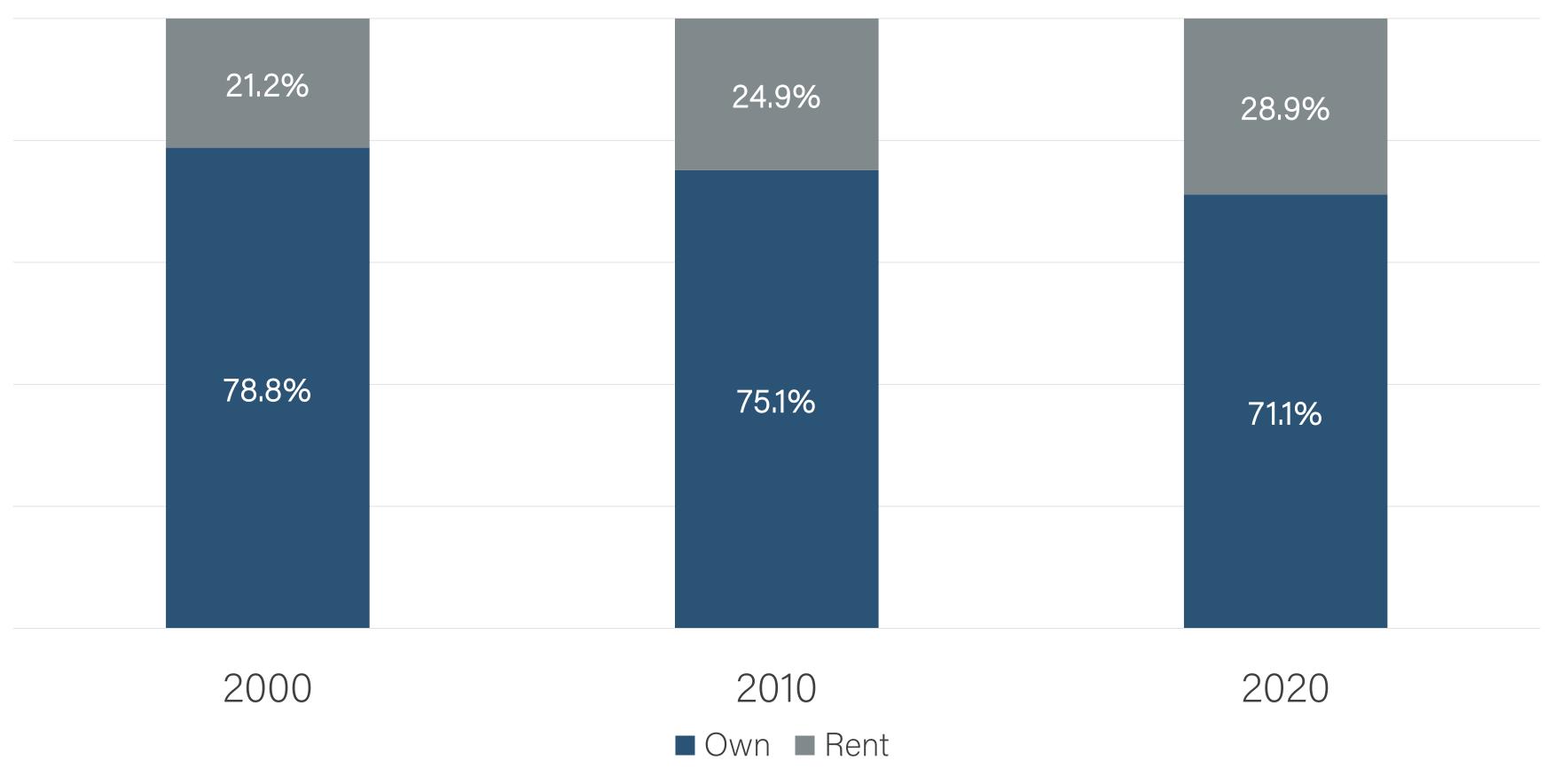
Home Value and Household Income



Home Owners and Renters

Entire County

Home Owners and Renters

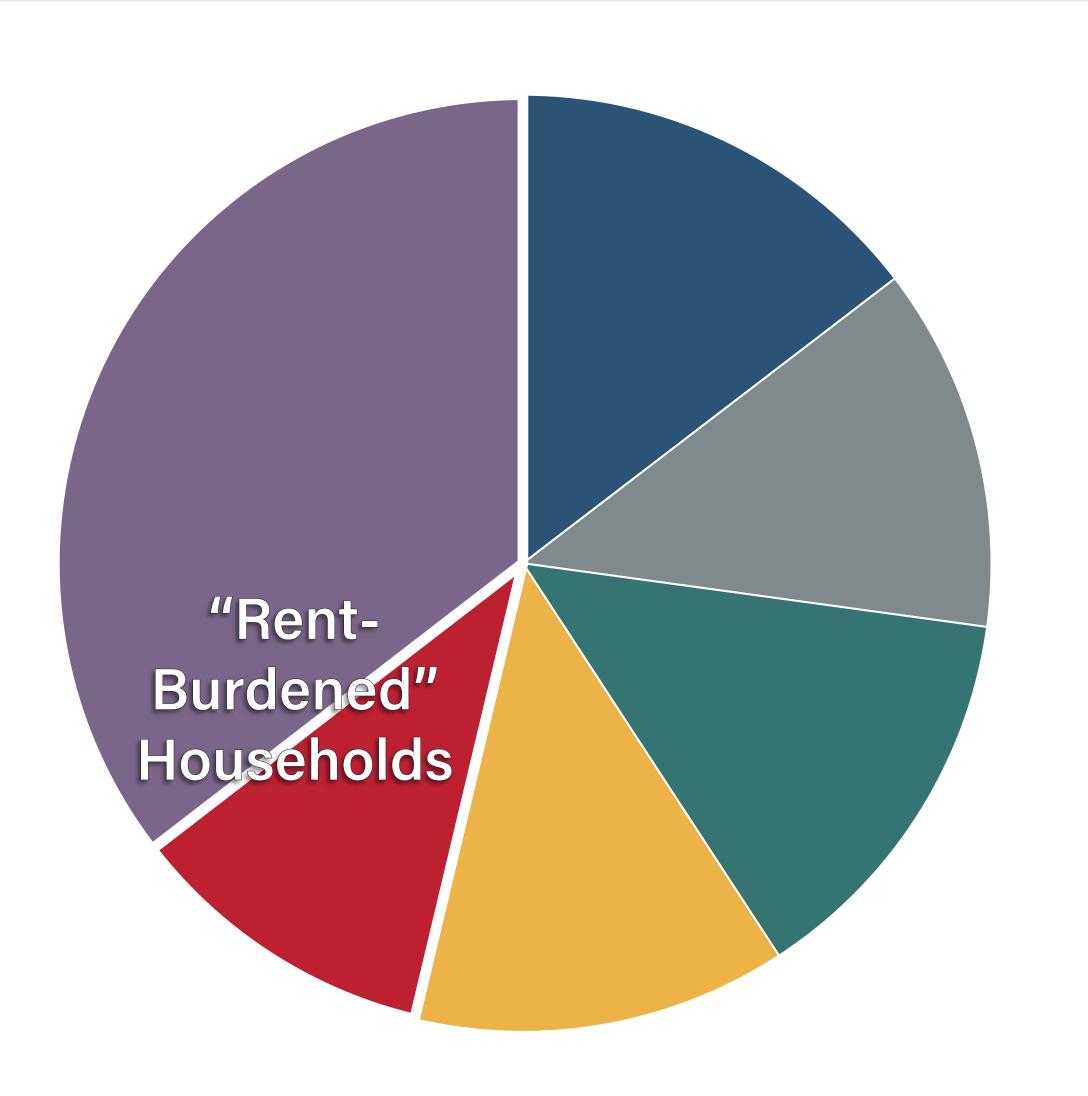


The portion of the population renting their homes has increased since 2000

Source: US Census Bureau

Rent as a Portion of Income

Entire County



Rent as a Portion of Household Income

- Less than 15 percent
- 15 to 19.9 percent
- 20 to 24.9 percent
- = 25 to 29.9 percent
- 30 to 34.9 percent
- 35 percent or more

The US Departmen of Housing and Urban Development defines as household as "rent burdened" if they spend 30% or mor of their household income on rent. This applies to 46% of Henderson County household who rent.

Source: 2019 ACS

Housing Costs

2 Bedroom Unit Fair Market Rate

\$1,279

Estimated Hourly mean renter wage

\$12.41

Annual income needed to afford 2 Bedroom Unit without being rent burdened ("Housing Wage")

\$51,160

Estimated Hourly mean renter annual income

\$25,813

Full-time minimum wage jobs needed to afford 2 Bedroom Unit

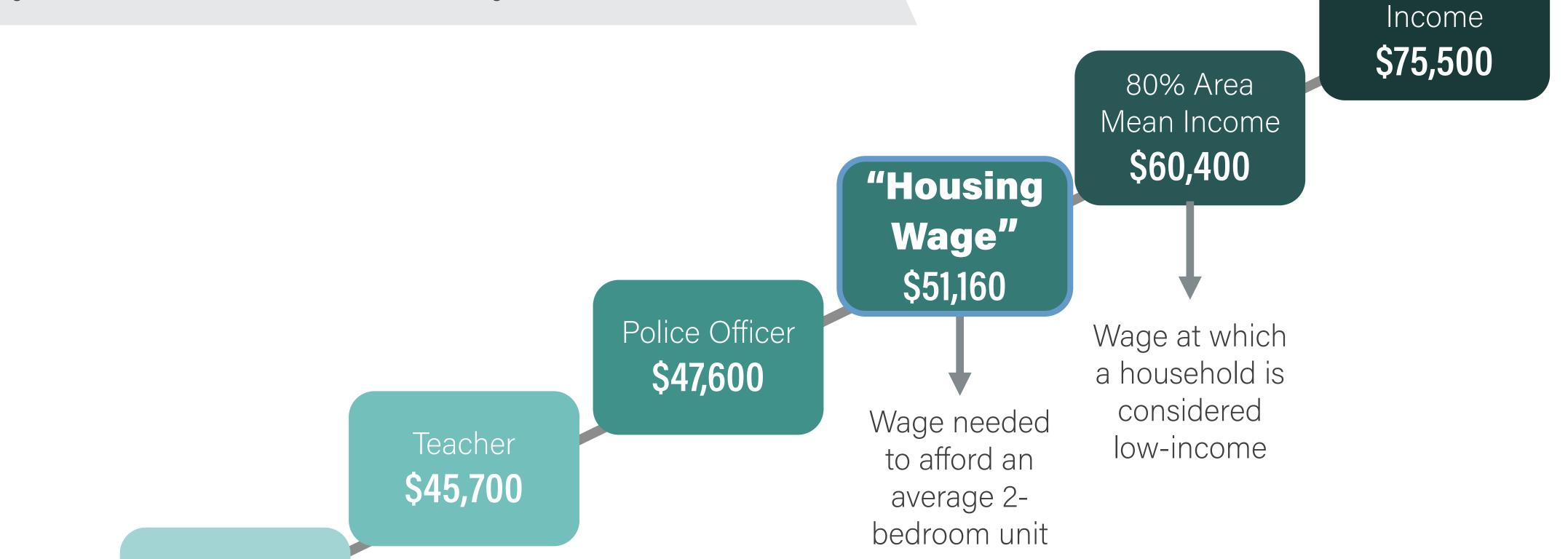
3.4

Worker Salary Comparison

Firefighter

\$32,690

Using Bureau of Labor Statistics Mean Annual Earning for Asheville MSA



Farmworker \$28,200

Source: 2021 NLIHC Out of Reach Report, Bureau of Labor Statistics for Asheville MSA

Area Mean

Mortgage Scenario

Teacher Mean Annual Earnings

\$45,700

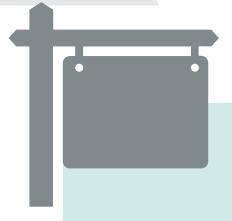
Source: Bureau of labor statistics, Asheville MSA

Take-Home Pay Estimate

\$2,954/mo

30% Take-Home Pay

\$886



County Median Home Value

\$214,000

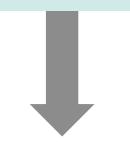


Source: 2019 ACS

Monthly Payment Estimate (10% down)

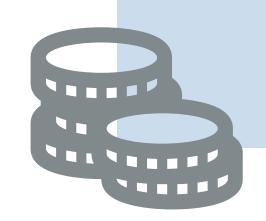
\$1,391 mo



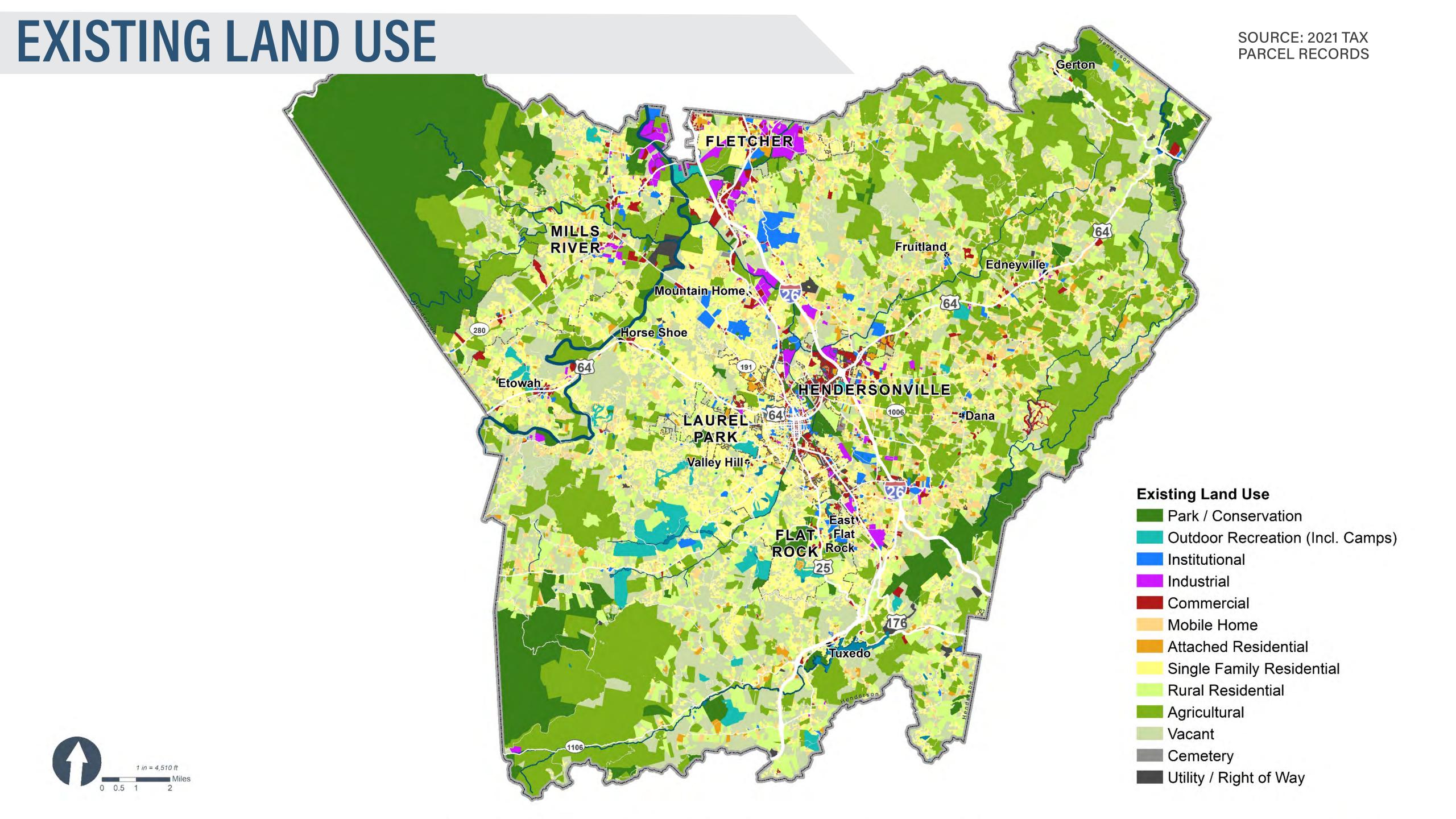


Source: NerdWallet

A teacher would have to pay 47% of their take home pay to afford the average home in Henderson County

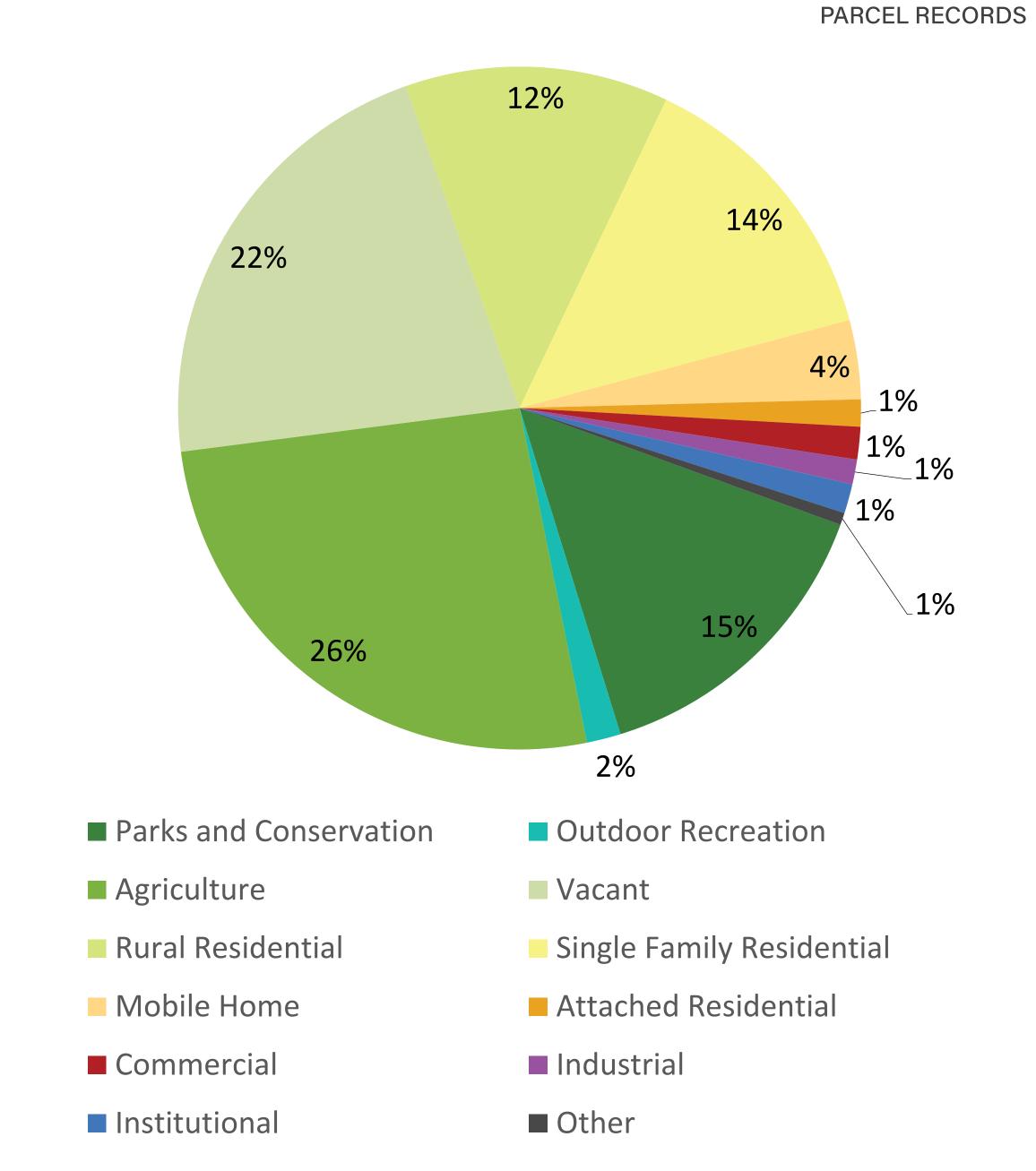






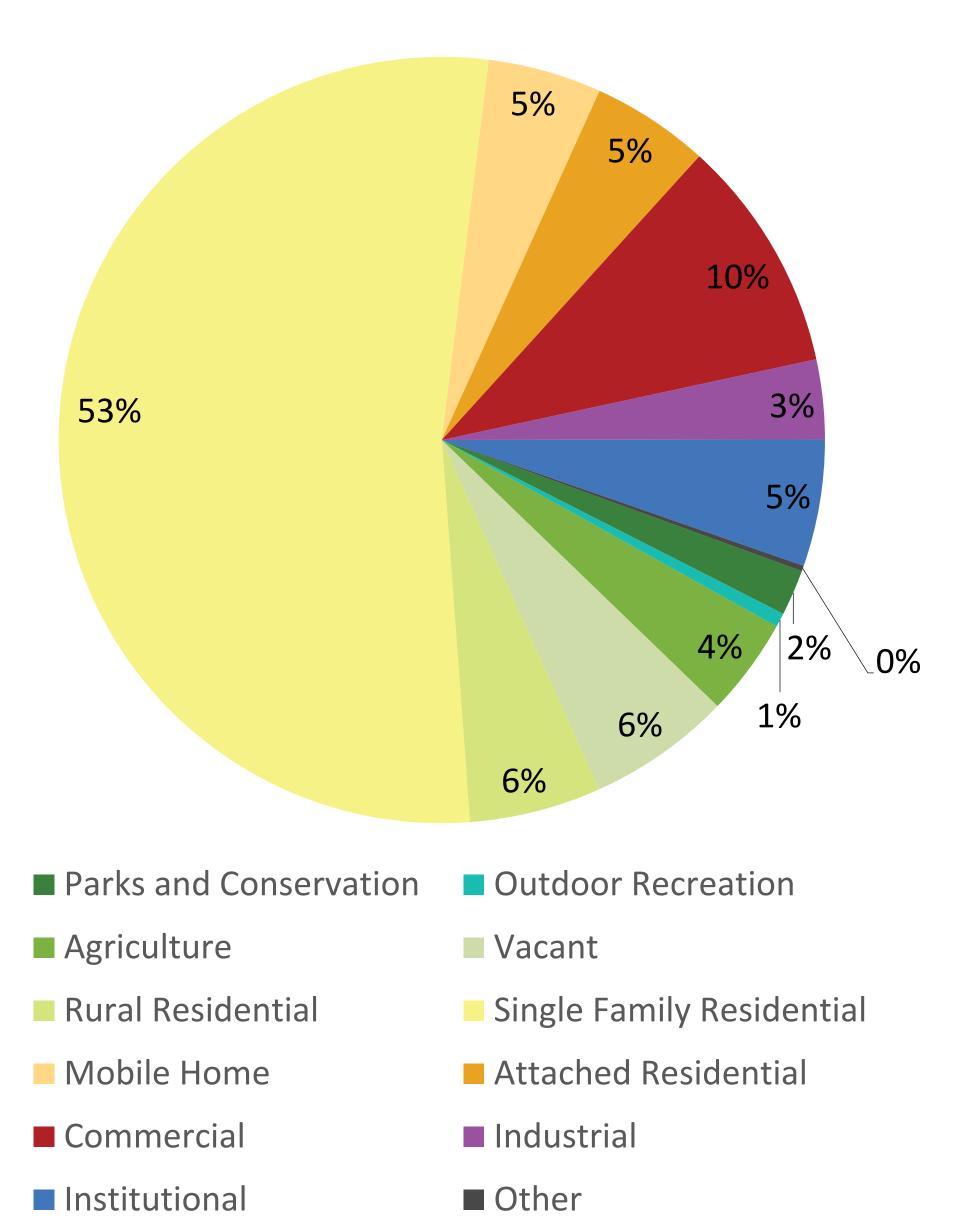
EXISTING LAND USE

- Commercial and industrial uses make up 2.7% of land (~6,200 acres) and concentrated along highways (I-26, US 64, NC 191, NC 280)
- Agriculture (including crops and timber)
 covers 26% of land (60,000 acres)
- Subdivisions and attached residential makes up 18% of land
- Rural residential (> 5 acres), 13% of land
- Parks and conservation areas make up
 15% of land

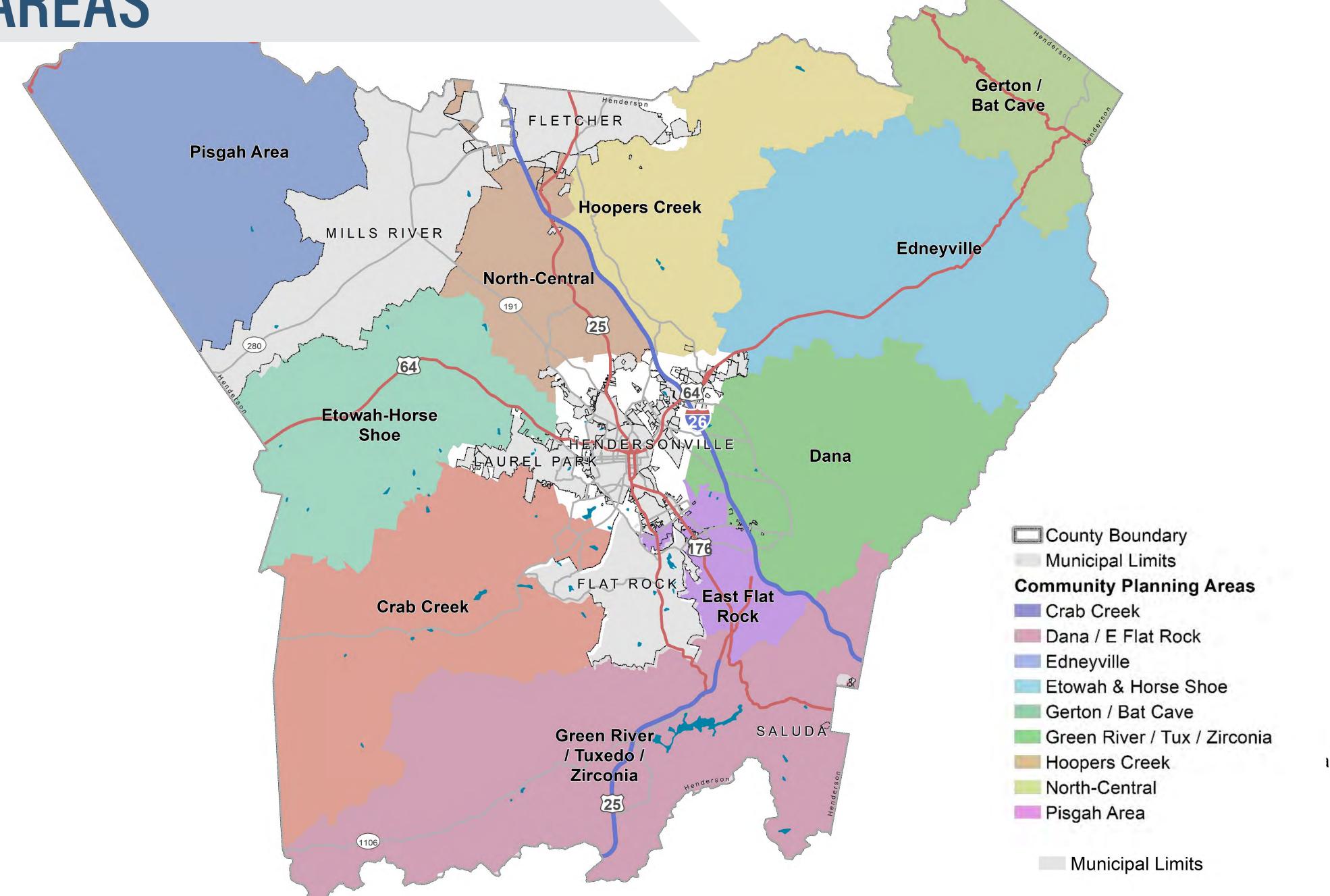


SOURCE: 2021 TAX PARCEL RECORDS

- Commercial and industrial uses make up
 2.6% of land but 13% of property value
- More subdivisions and attached residential makes up 18% of land and 63% of property value



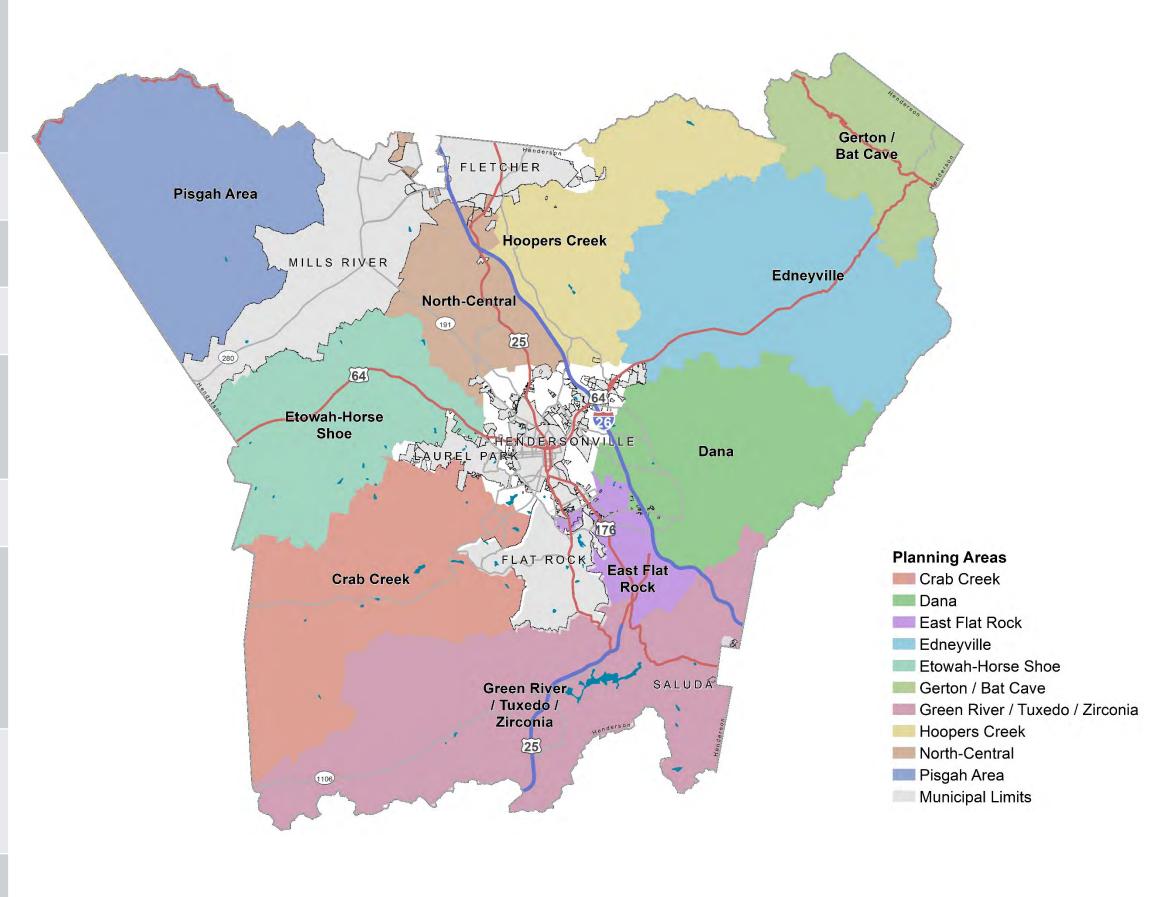
PLANNING AREAS





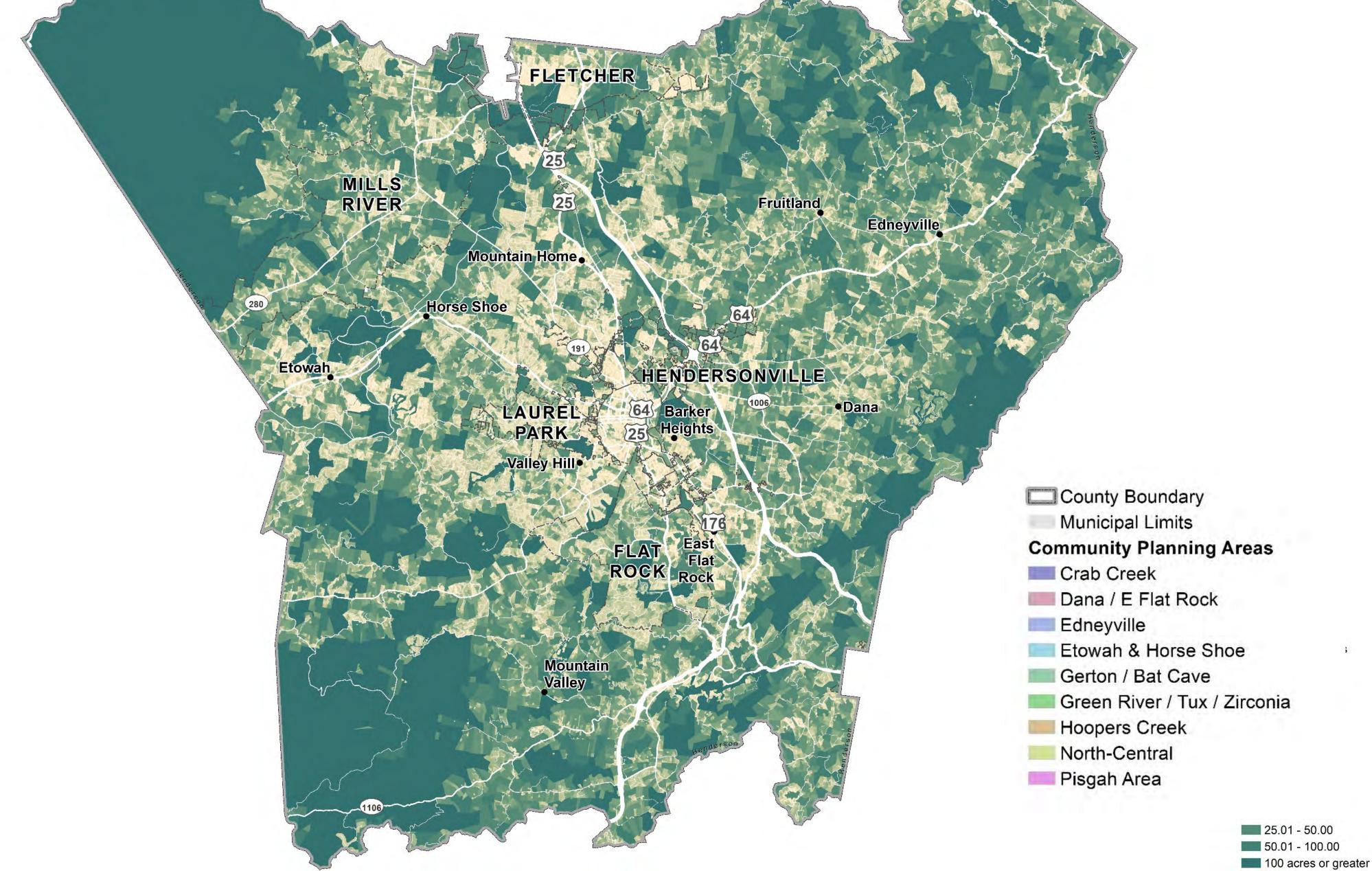
TRENDS BY PLANNING AREAS

Planning Area	Highlights
Crab Creek	Outdoor Rec, Agriculture and Low Density Residential, Parks & Conservation
Dana	Commercial, Agriculture, Residential
East Flat Rock	Commercial, Low Density Residential
Edneyville	Agriculture, Commercial, Residential
Etowah-Horse Shoe	Single Family Residential, Commercial and Agriculture
Gerton / Bat Cave	Agriculture (Forestry), Residential
Green River / Tuxedo / Zirconia	Agriculture Forestry), Low Density Residential, Outdoor Rec & Conservation
Hoopers Creek	Multi-family Residential, Low Density Residential, Industrial, Agriculture
North-Central	Industrial, Commercial, Agriculture, Residential
Pisgah Area	Parks & Conservation, Agriculture (Forestry)

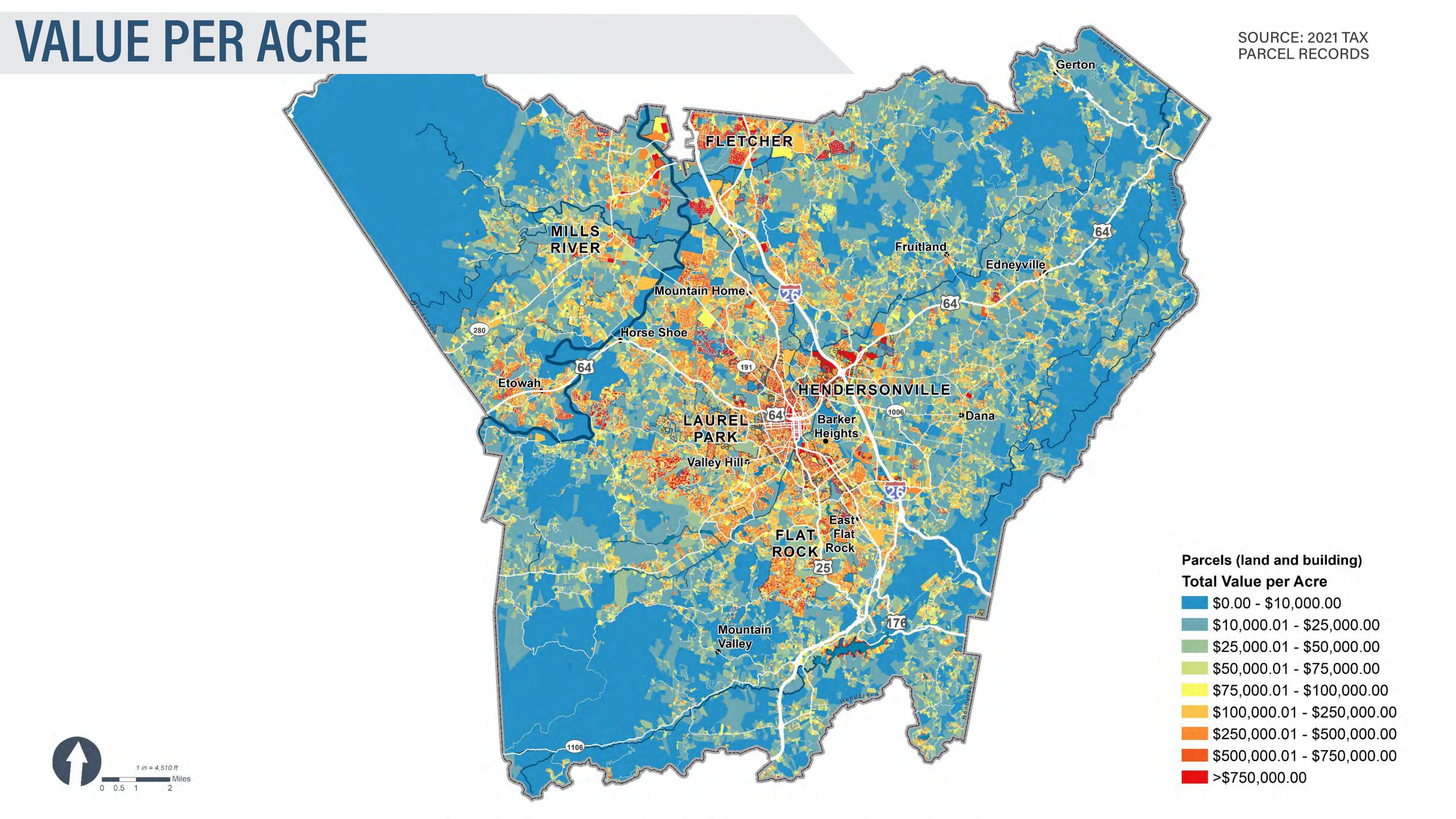


PARCEL SIZE

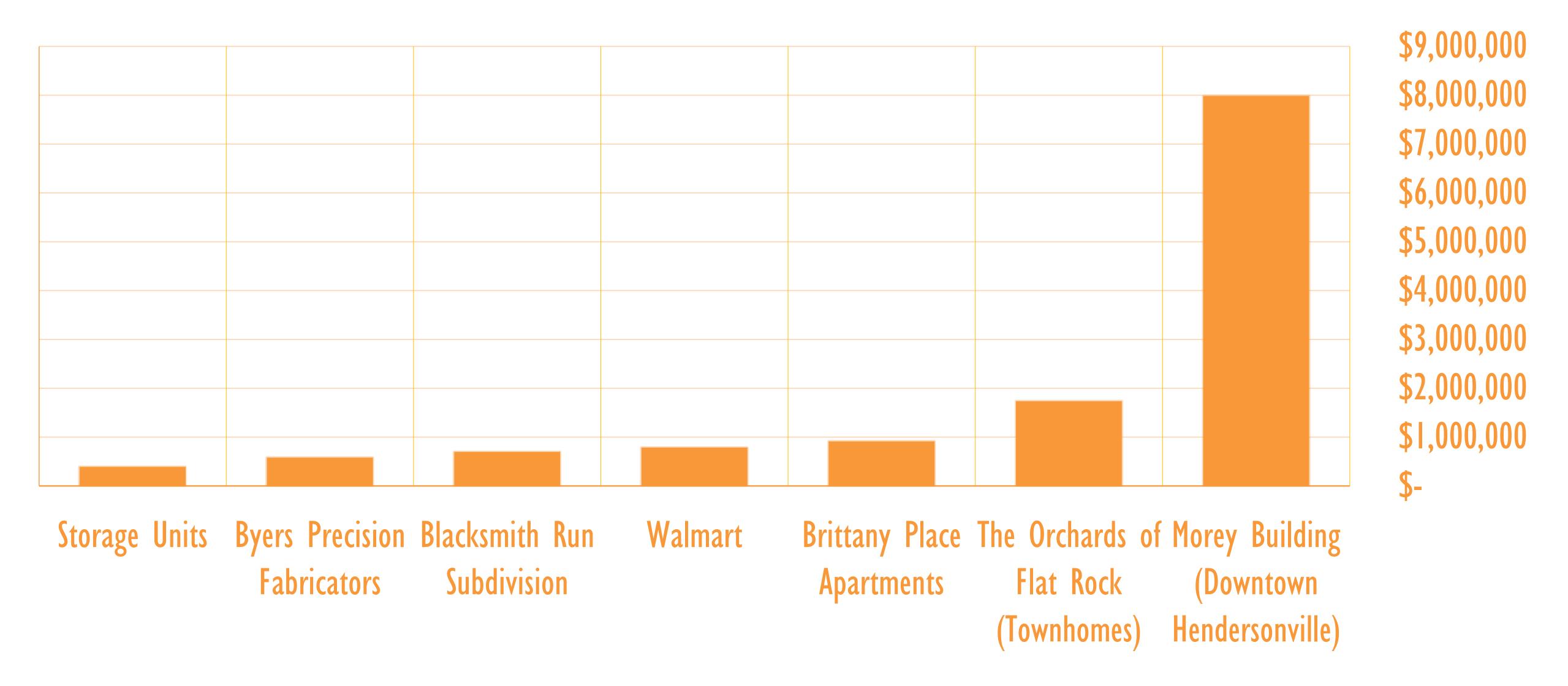






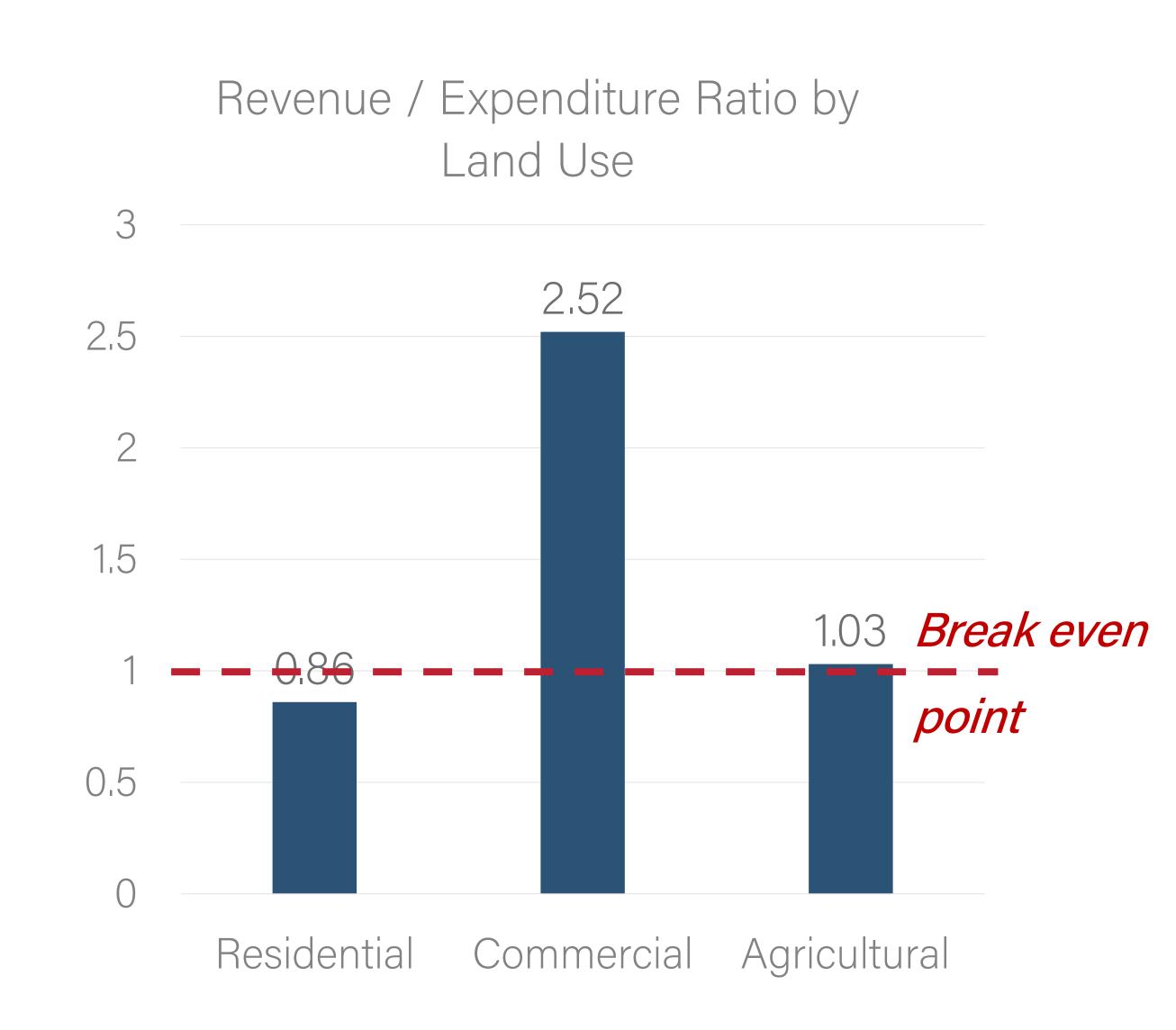


Value Per Acre, 2021

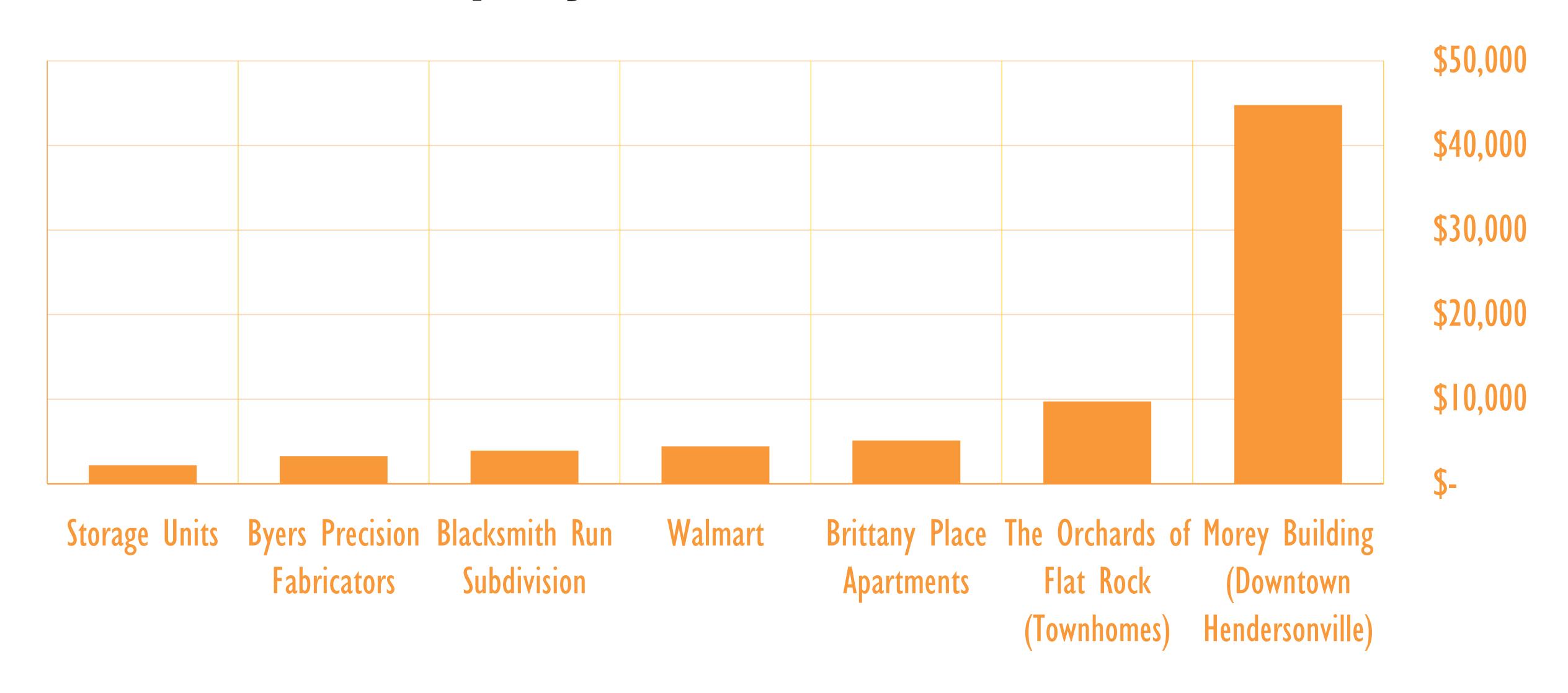


PROPERTY VALUE AND COST OF SERVICES

- Residential development costs
 more in services compared to
 tax revenue produced
- For every \$1 in services commercial properties consume they provide
 \$2.52 in revenue
- For every \$1 in services agricultural
 properties consume they provide
 \$1.03 in revenue



Property Taxes Per Acre, 2021

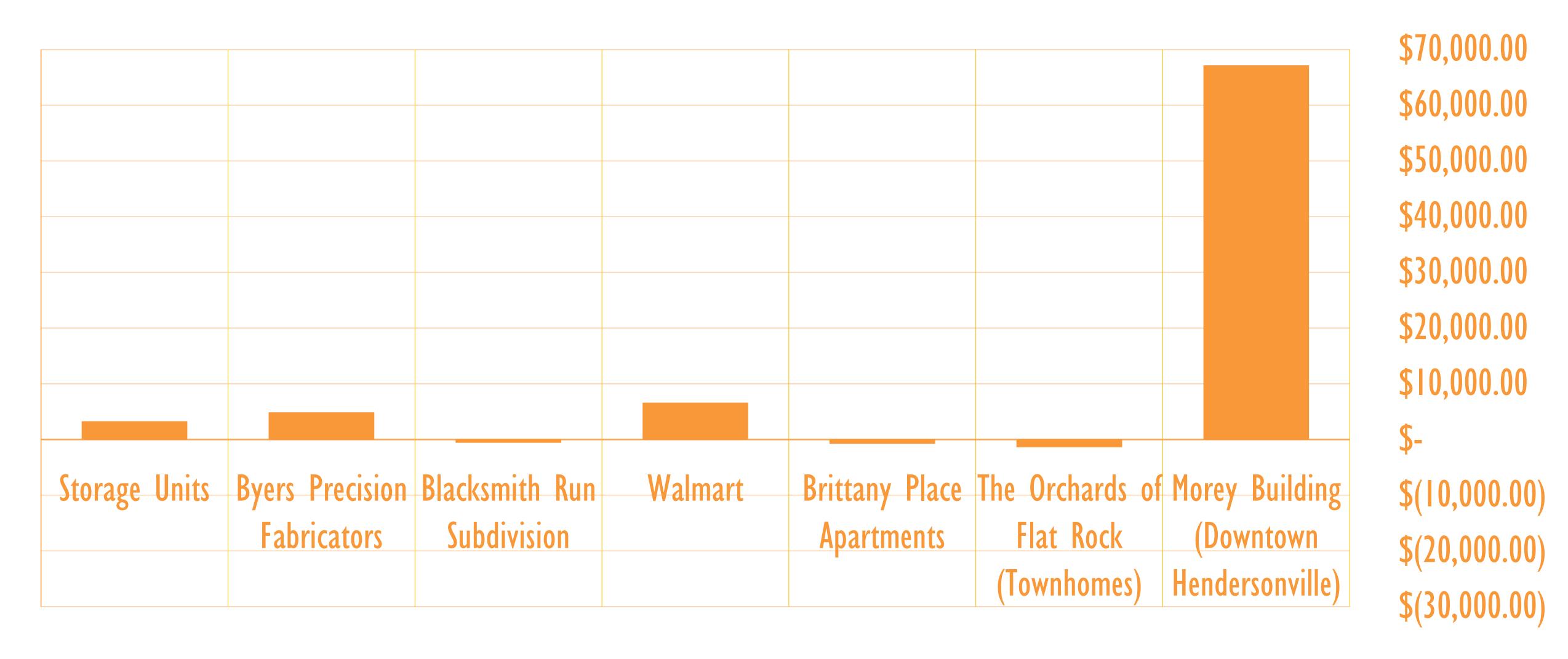


PROPERTY TAXES AND COST OF SERVICES

SOURCE: 2021 TAX
PARCEL RECORDS,
HENDERSON COUNTY
COST OF SERVICES
STUDY 2008

Return on Investment Per Acre

(Taxes-Cost of Services)

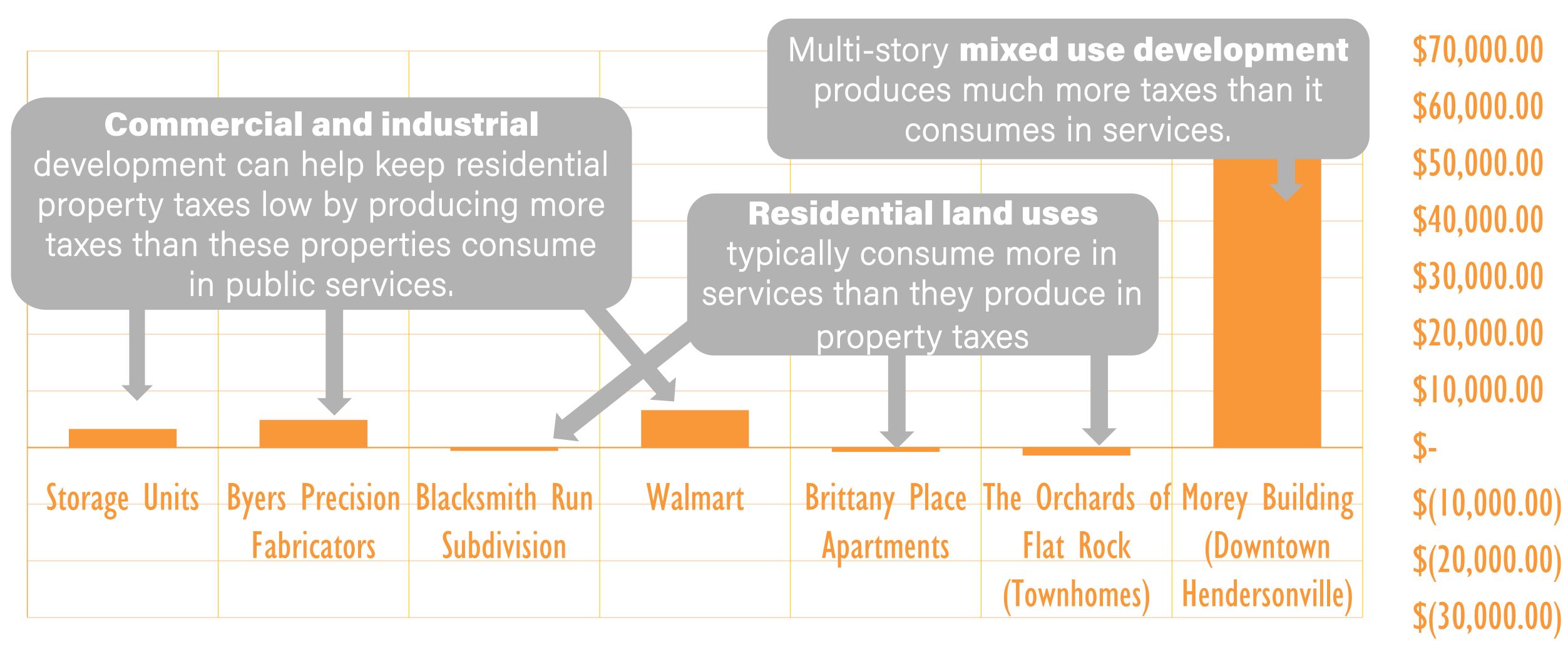


PROPERTY TAXES AND COST OF SERVICES

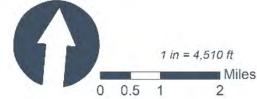
SOURCE: 2021 TAX
PARCEL RECORDS,
HENDERSON COUNTY
COST OF SERVICES
STUDY 2008

Return on Investment Per Acre

(Taxes-Cost of Services)



LAND SUPPLY SOURCE: 2021 TAX PARCEL RECORDS Gerton FLETCHER MILLS RIVER Fruitland Edneyville Mountain Home Horse Shoe Etowah HENDERSONVILLE LAUREL 64 PARK • Dana Valley Hill FLAT Flat ROCK Rock **Land Supply** Agriculture Available Underutilized Utilized



LAND SUPPLY

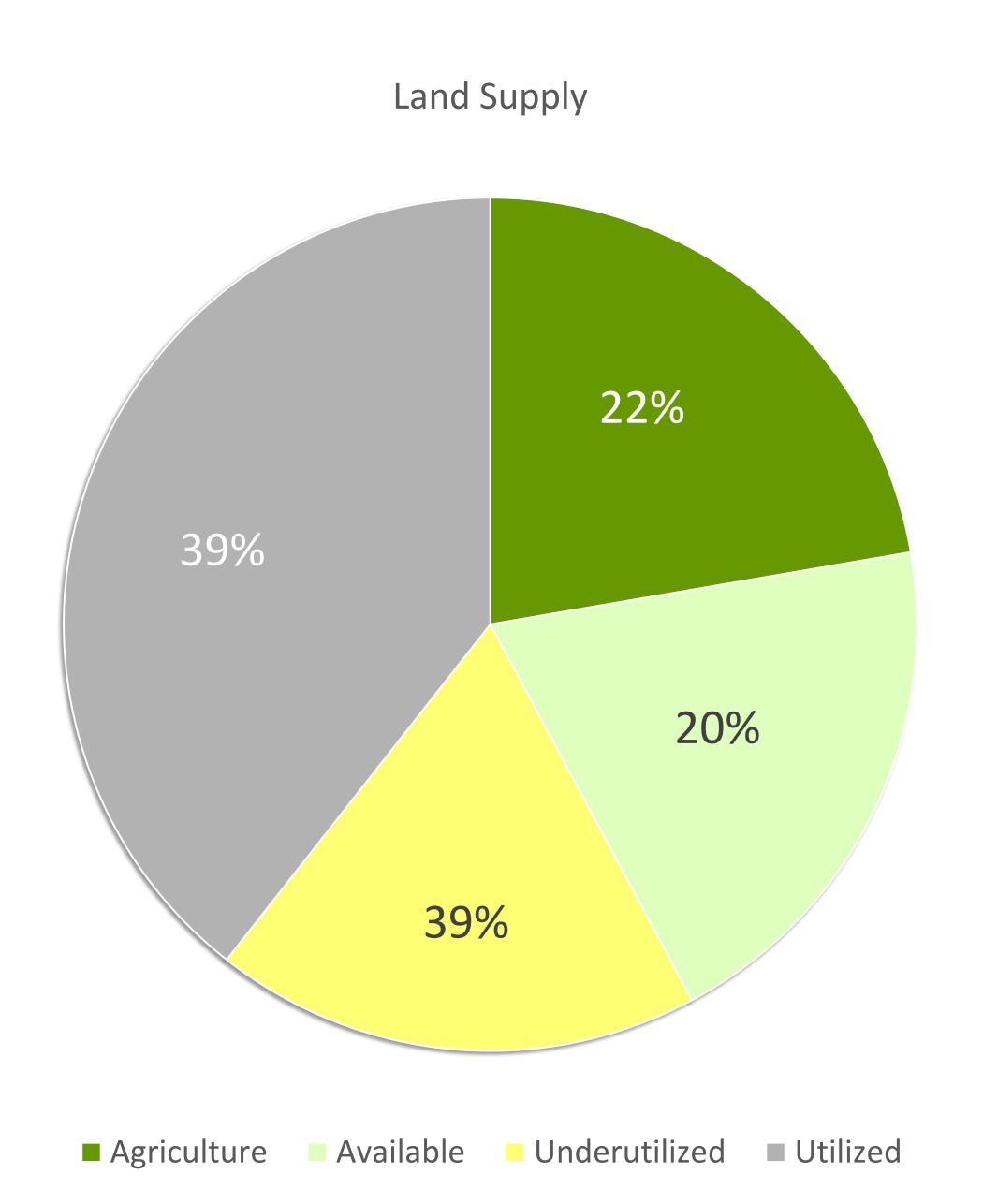
Available: Vacant lands without a significant structure.

Lands not enrolled in the PUV program for working
agriculture.

Underutilized: Properties with low structure values compared to land value. Could accommodate additional or redevelopment in the future.

Agriculture: Working farms and timberland enrolled in the Present Use Value program.

Utilized: Lands with existing uses or development not likely to change in the next 10-20 years. Includes schools, churches, and parcels with high value structures compared to land value.





AGRICULTURE

2012-2017 CENSUS OF AGRICULTURE



Land in farms: 41,099 acres

Up 15% from 2012!

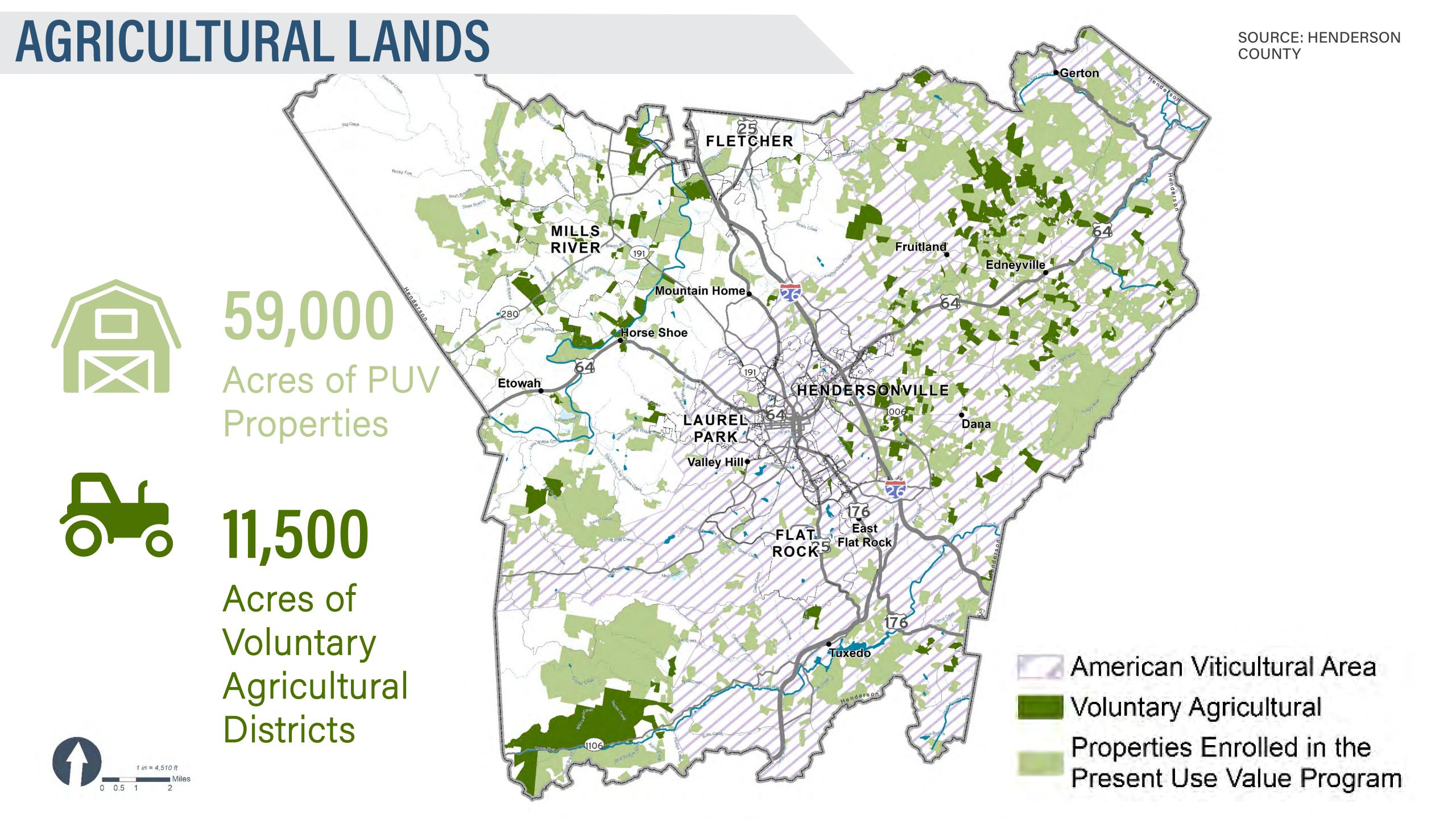


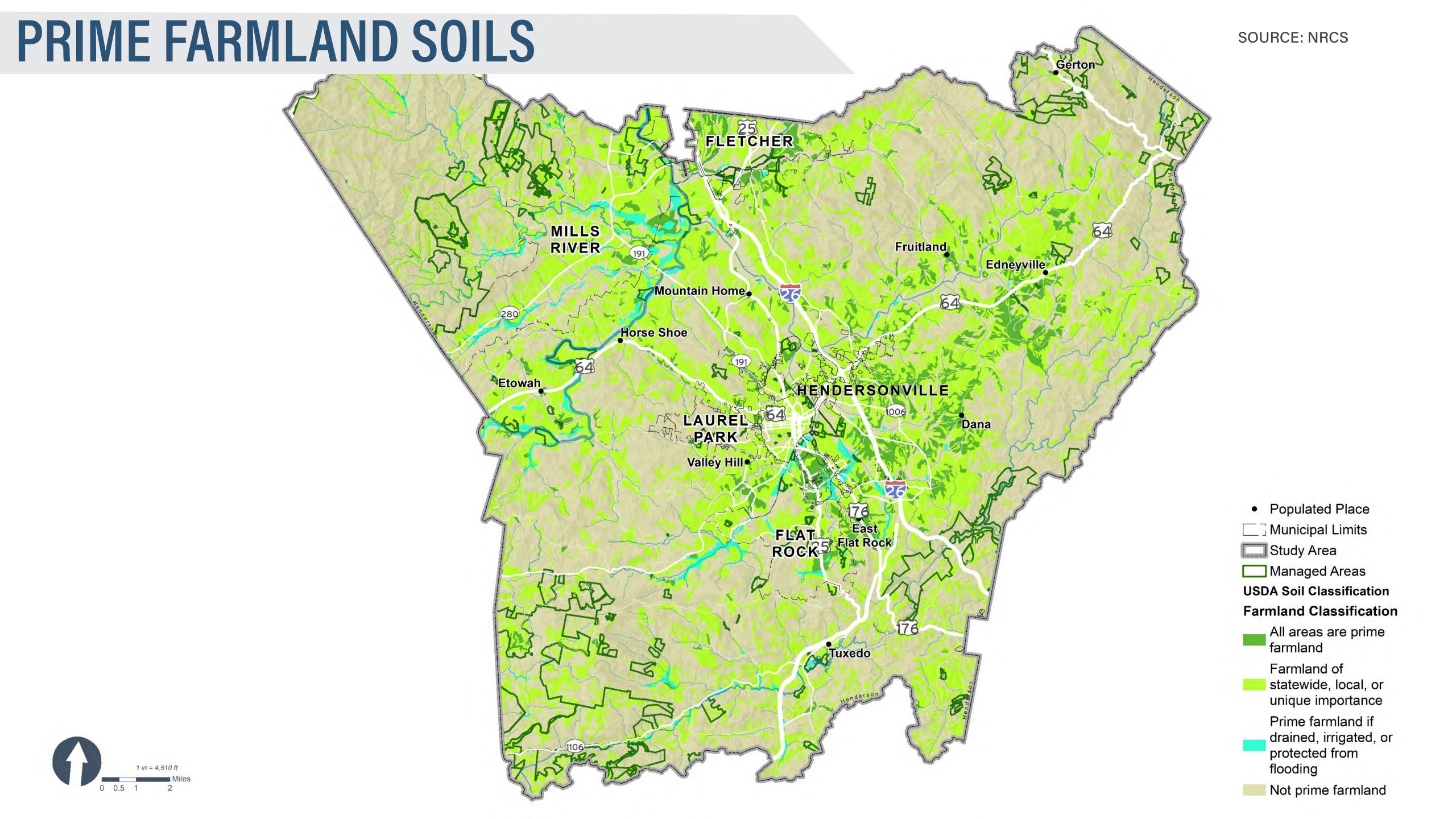
36% "New or beginning" farmers



35% Increase in per-farm net income



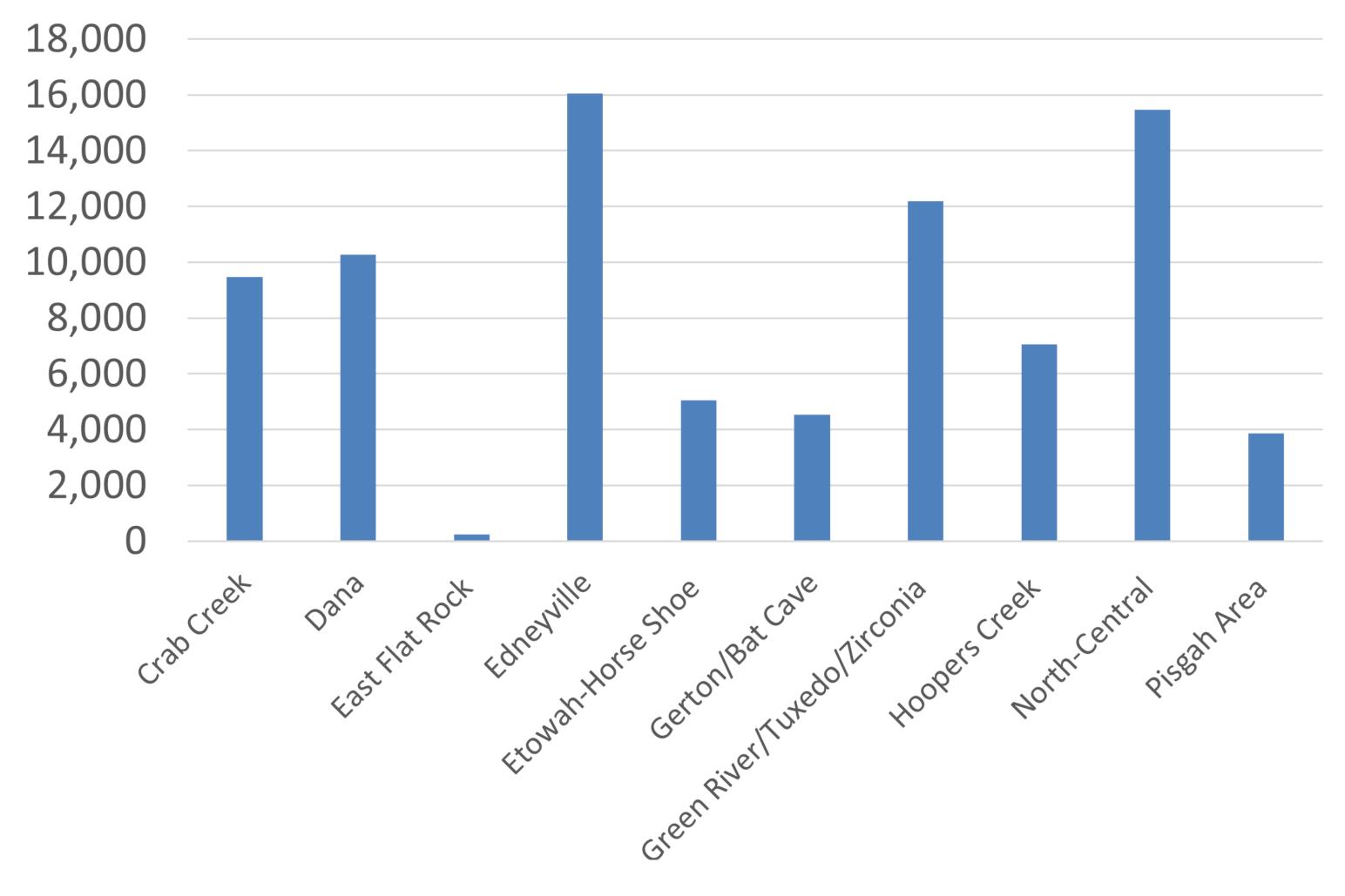




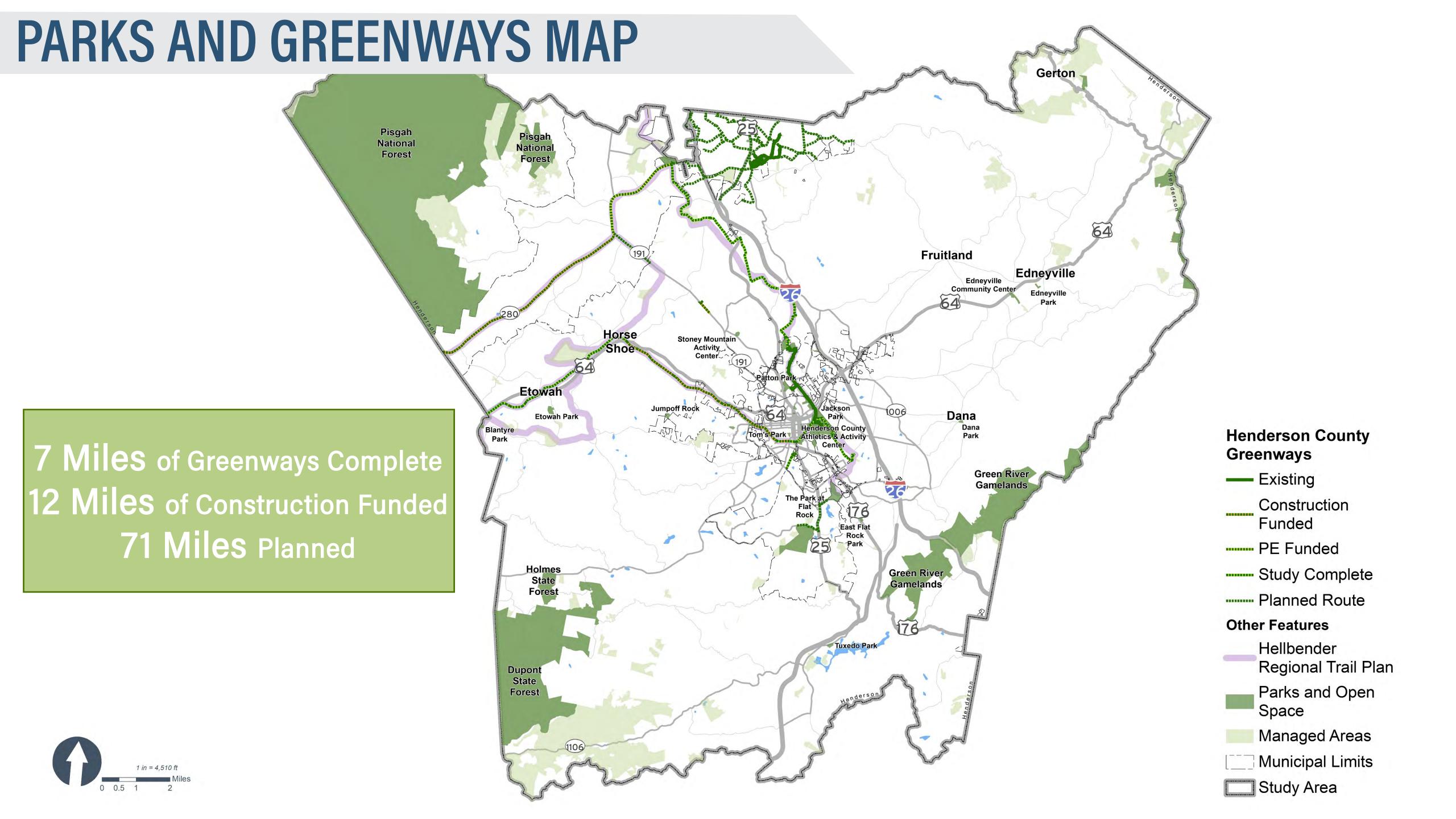
TRENDS BY PLANNING AREA

- Edneyville and North Central are highest concentrations of Present Use Value (PUV)
 properties
- GRTZ is 3rd highest amount of working lands, including the most acreage of forestry lands





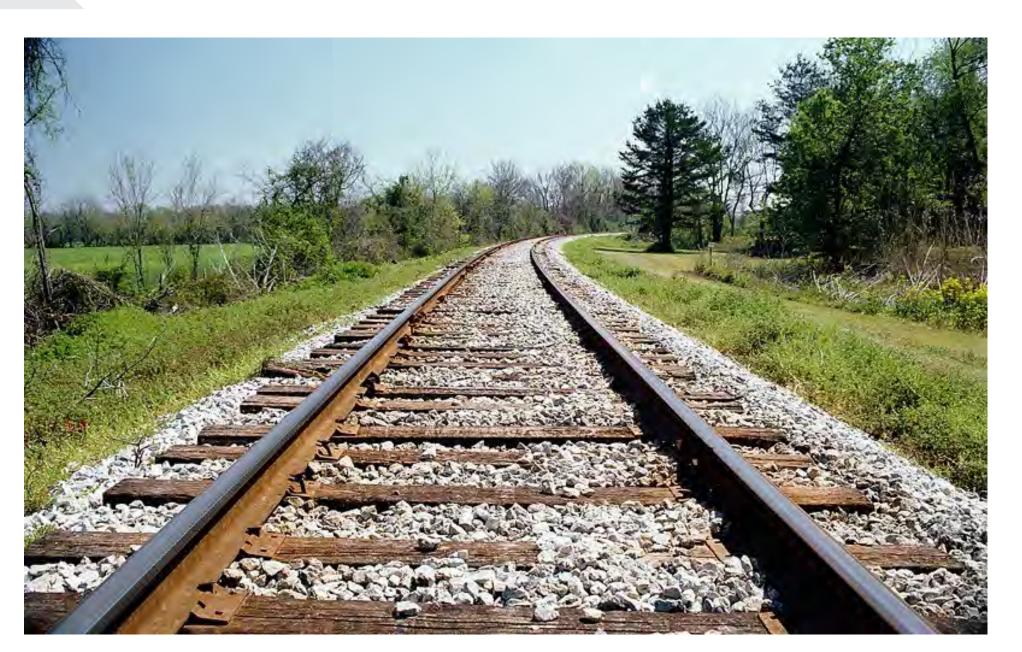




ECUSTA TRAIL

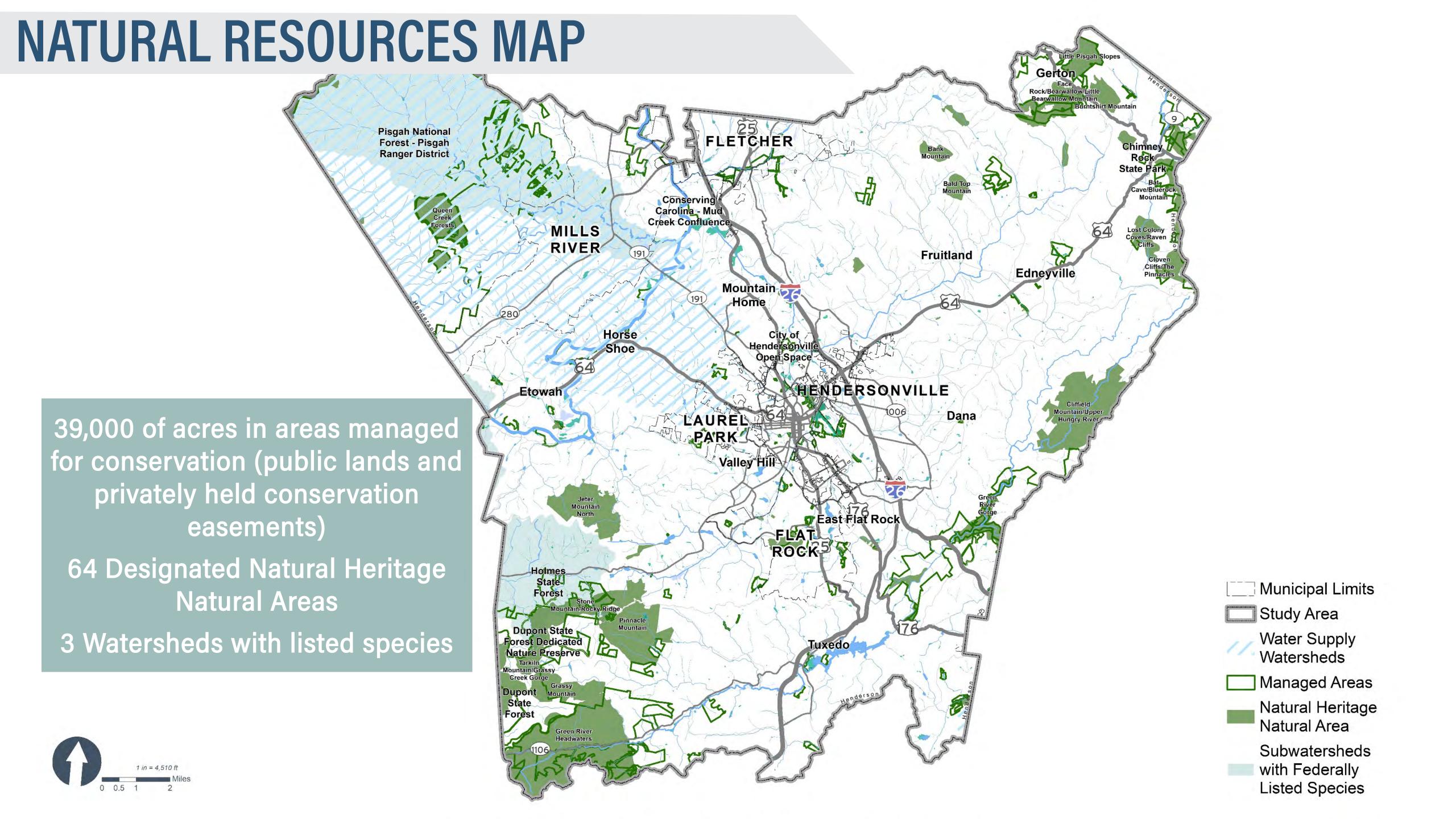


19-mile paved, continuous rail trail planned to connect Hendersonville and Brevard









BIODIVERSITY & HABITAT VALUE MAP FLETCHER gah National rest - Pisgah MILLS RIVER Fruitland Edneyville Mountain ! Horse Areas high in biodiversity: HENDERSONVILLE Etowah Adjacent to large conservation Dana LAUREL lands Valley Hill Riparian Areas Large tracts with limited p East Flat Rock development **Municipal Limits** Study Area Managed Natural Heritage Natural Area Dupont State Forest Dedicated Nature Preserve Mountain Valley **Biodiversity and Habitat Value** Dupont State Forest 7-10 (Very High) 2-6 (Moderate-High) 1 (Moderate) 0 (Unrated)



Steps to Resilience

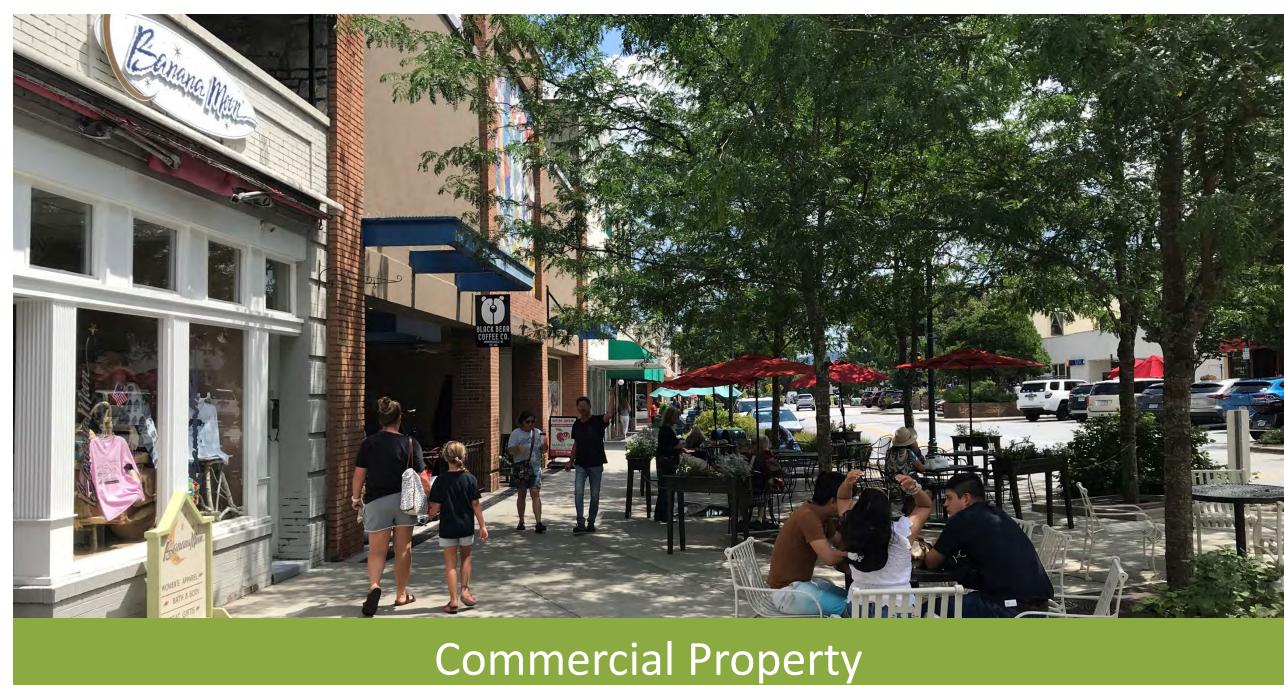
- 1 Explore Threats
- 2 Assess Vulnerability & Risks
- 3 Investigate Options
- 4 Prioritize & Plan
- 5 Take Action



Assets











Natural Property



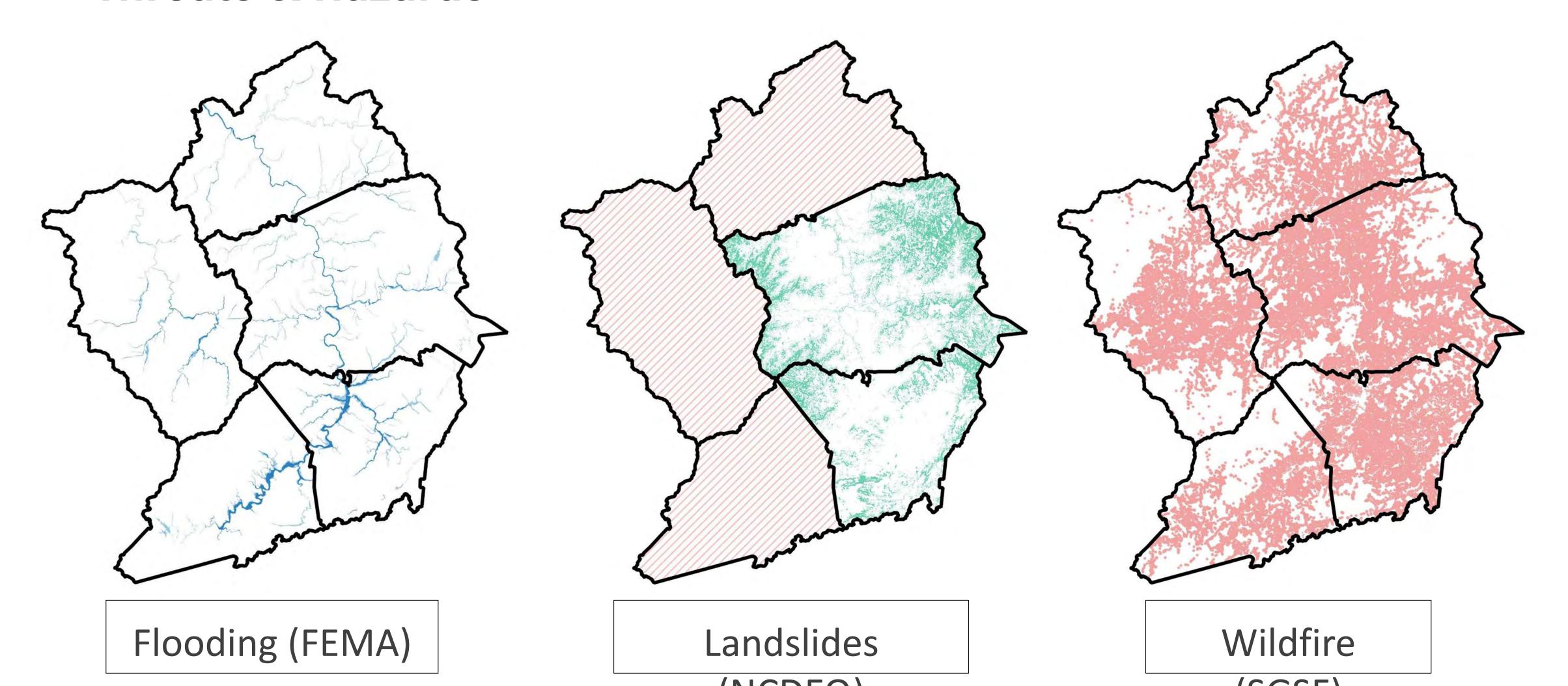
Threats and Hazards





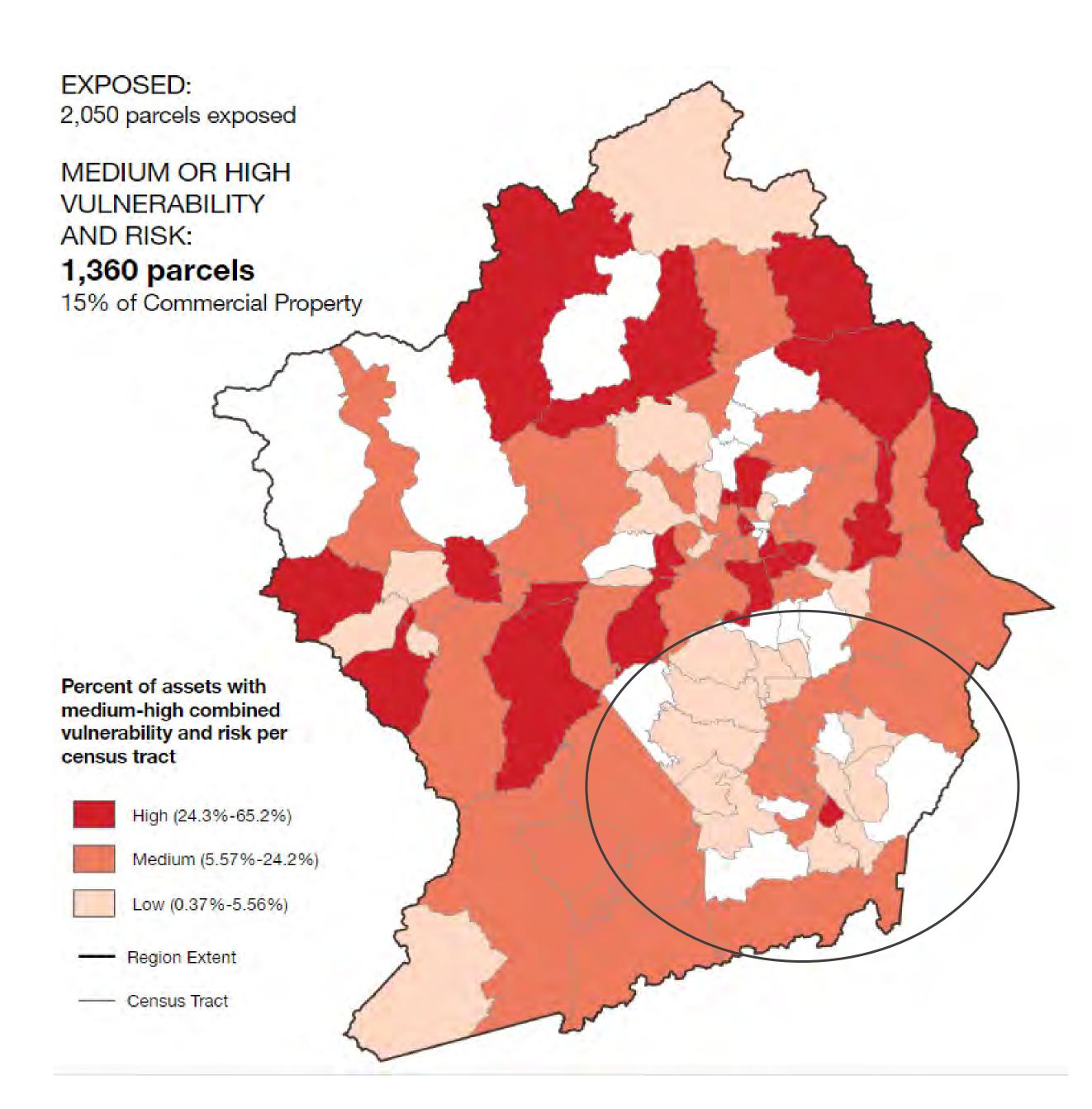


Threats & Hazards



Commercial & Flooding

- 79% of vulnerable properties are in "other" community areas (outside of County Community Planning Areas)
- South Hendersonville commercial corridor most vulnerable in County (25%)
- Lower vulnerability compared to region as a whole (8% in County compared to 15% in region)



Residential & Flooding

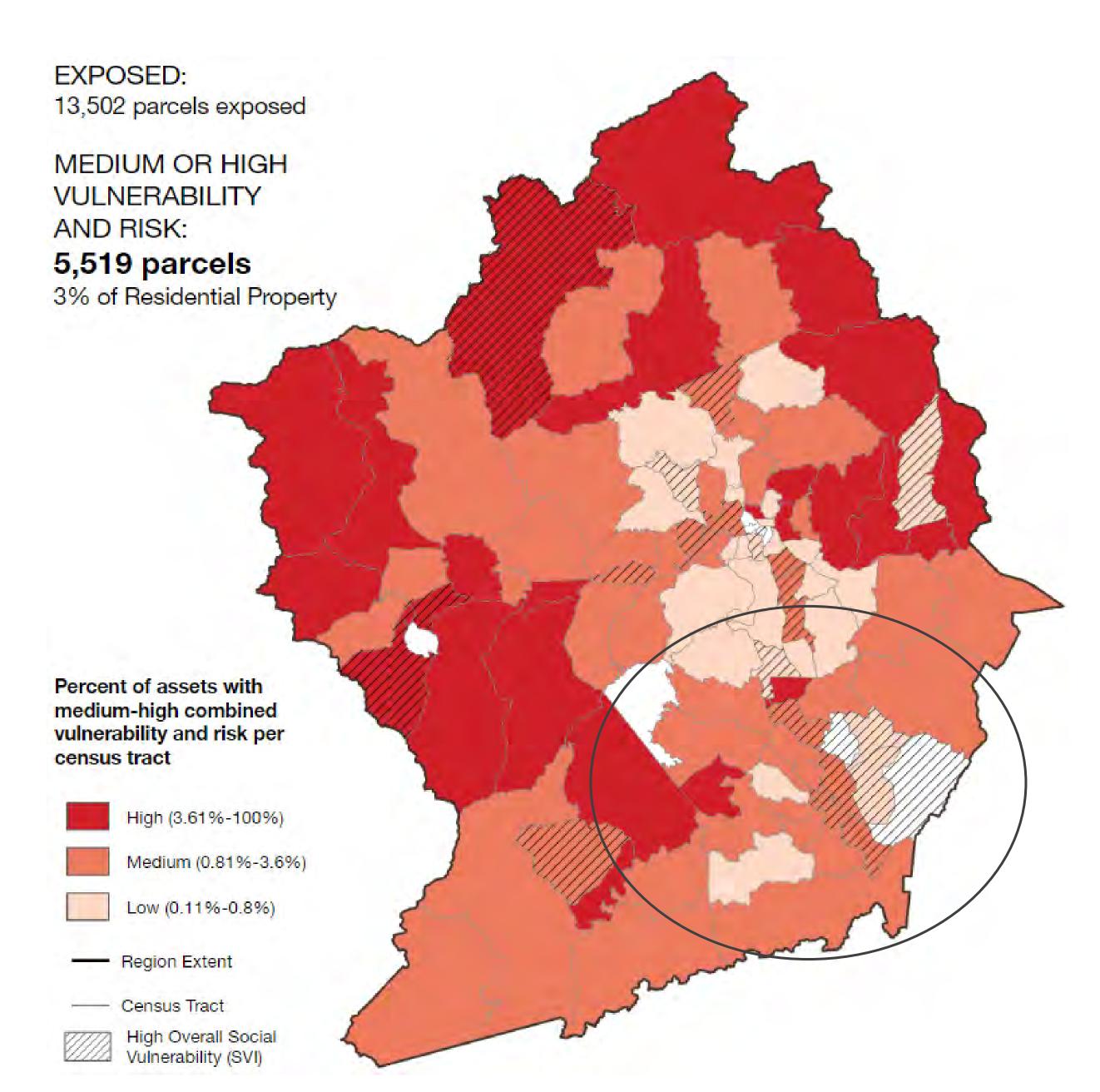
- 44% of vulnerable residential properties in the County are in "other" areas
- Etowah & Horse Shoe area has the highest number of properties vulnerable among all Planning areas
- East Flat Rock has co-occurrence of relatively high social vulnerability and moderate residential property vulnerability

Vulnerability to Hazards

 Properties or structures located in areas of high risk (i.e. structure in floodplain or on slopes susceptible to landslides)

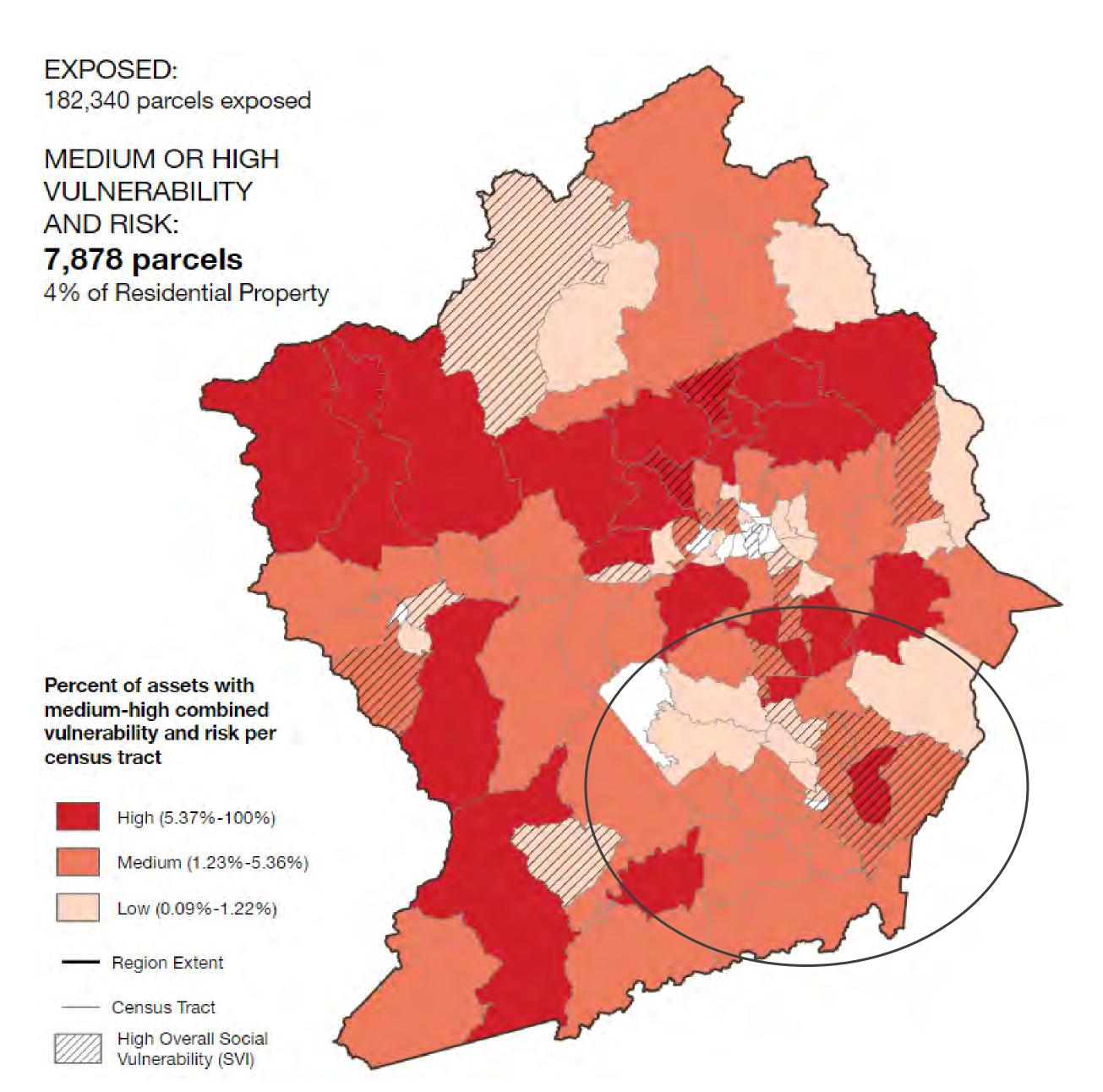
Social Vulnerability

 Populations that are especially at risk during public health emergencies because of factors like socioeconomic status, household composition, minority status, or housing type and transportation.



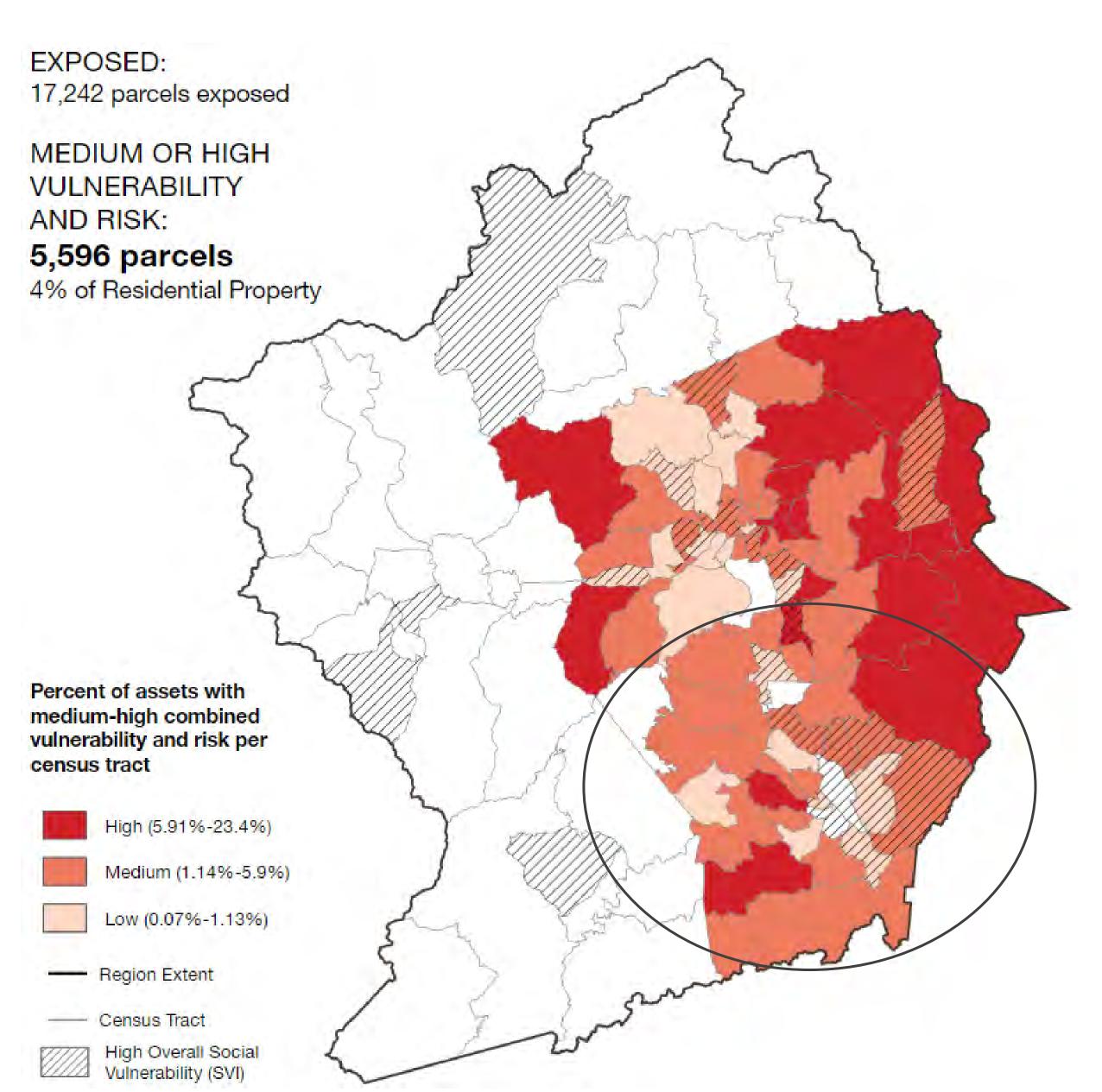
Residential & Wildfire

- Residential vulnerability to wildfire within the County is slightly lower compared to the region as a whole
- Dana/East Flat Rock have areas with highest occurrence of social and residential property vulnerability in the County
- While high levels of exposure are associated with wildfire due to the large number of homes in the wildland urban interface, most are within a 5-min drive time from the nearest fire station



Residential & Landslides

- Levels of vulnerability are about the same as the region as a whole
- Residential vulnerability to landslides is relatively high in several areas of the County, such as in Gerton/Bat Cave, and in the Bear Rock and Walnut Cove Rd areas.
- For properties exposed to landslides the majority were constructed before the steep slope ordinance was established



Planning Area Summary: Gerton/Bat Cave

Gerton/ Bat Cave	Total Assets	Flooding		Wildfire		Landslides	
Commercial	28	10	36%	28	100%	18	64%
Critical Facilities & Gov-Owned	15	4	27%	14	93%	13	87%
Residential	739	37	5%	4	1%	312	42%
Natural	95	14	15%	86	91%	89	94%

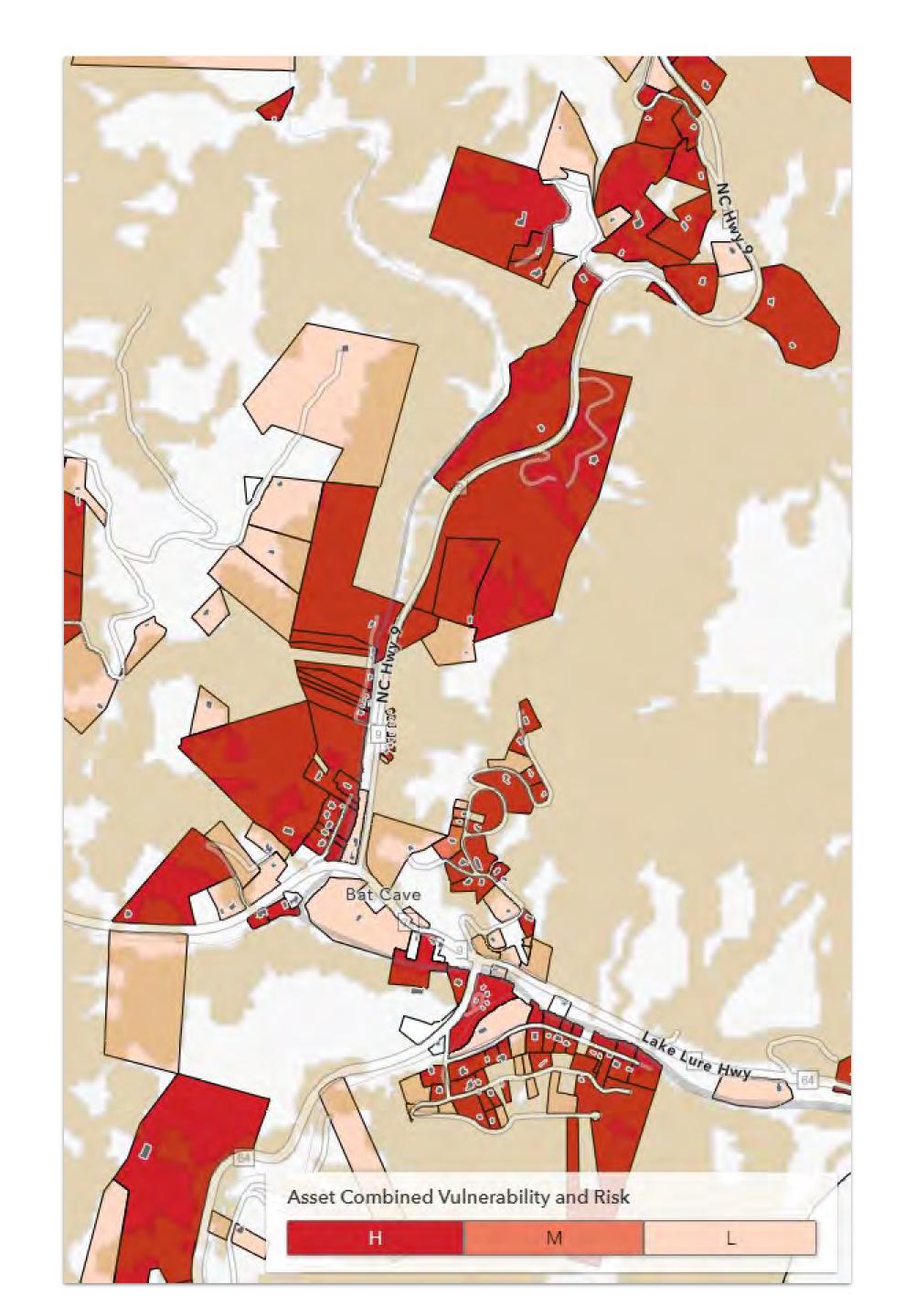
- Area with the highest percentage of residential property vulnerable to landslides (constructed before steep slope ord.)
- Highest percentage of residential and commercial vulnerability to flooding in County
- Most of area and assets are within wildland urban interface but within
 5-min fire response
- Moderate level of overall social vulnerability (based on CDC SVI)

Residential Property and Landslide Vulnerability

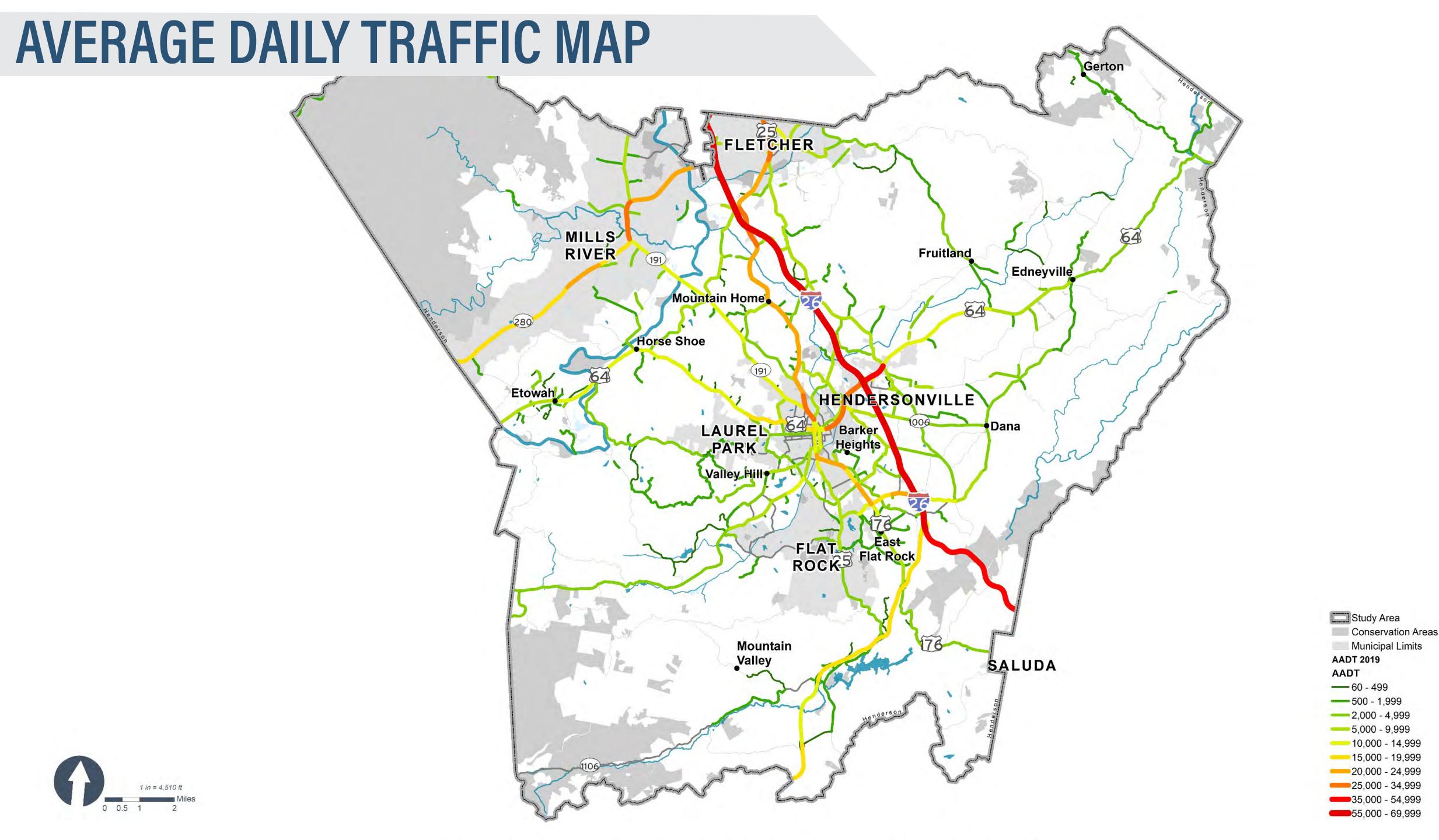
Community Planning Area: Gerton/Bat Cave

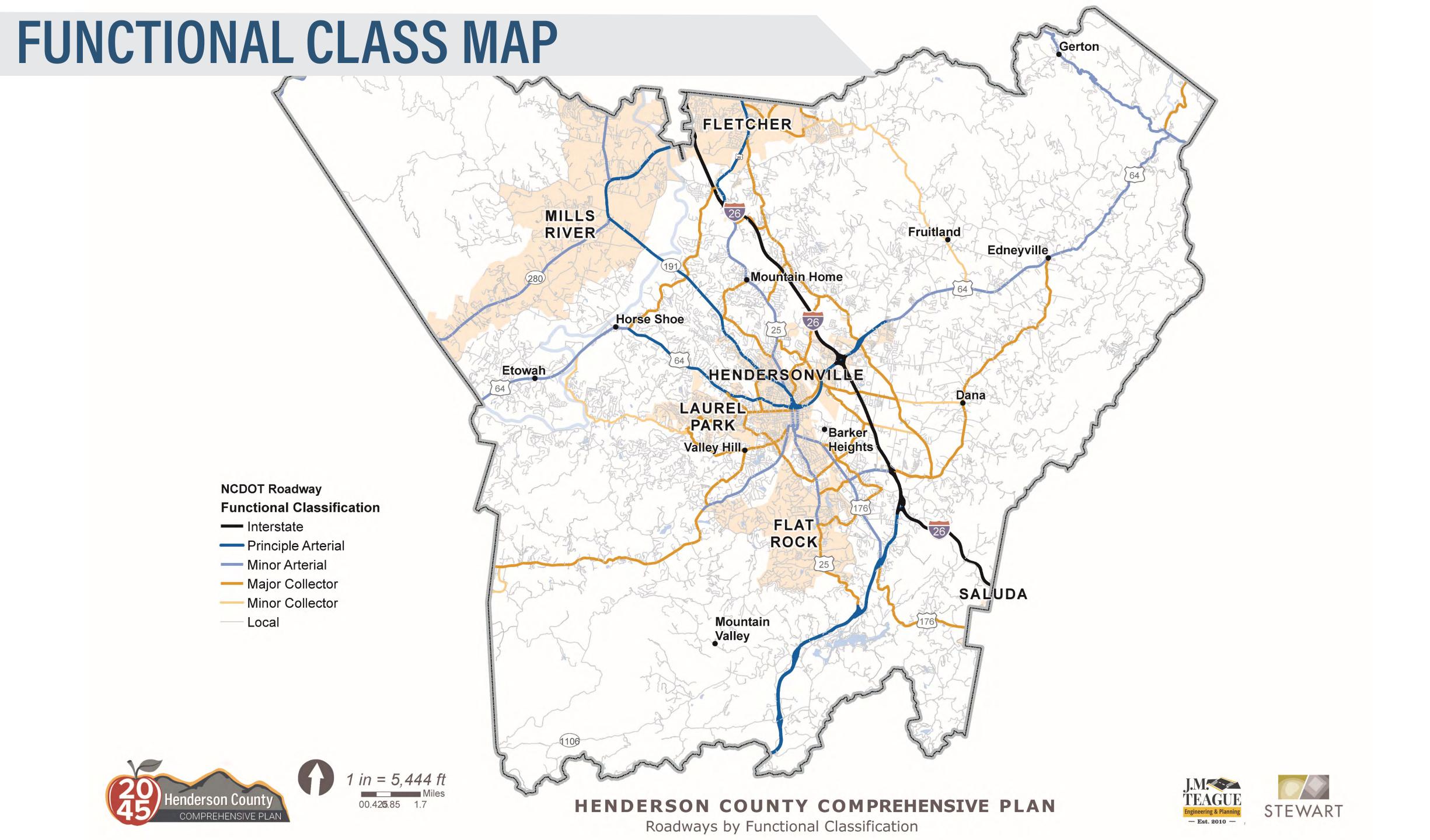
Vulnerability: 42% of residential properties (312 total) in Gerton/Bat Cave. Many of which are along HWY 64/HWY 9 corridor

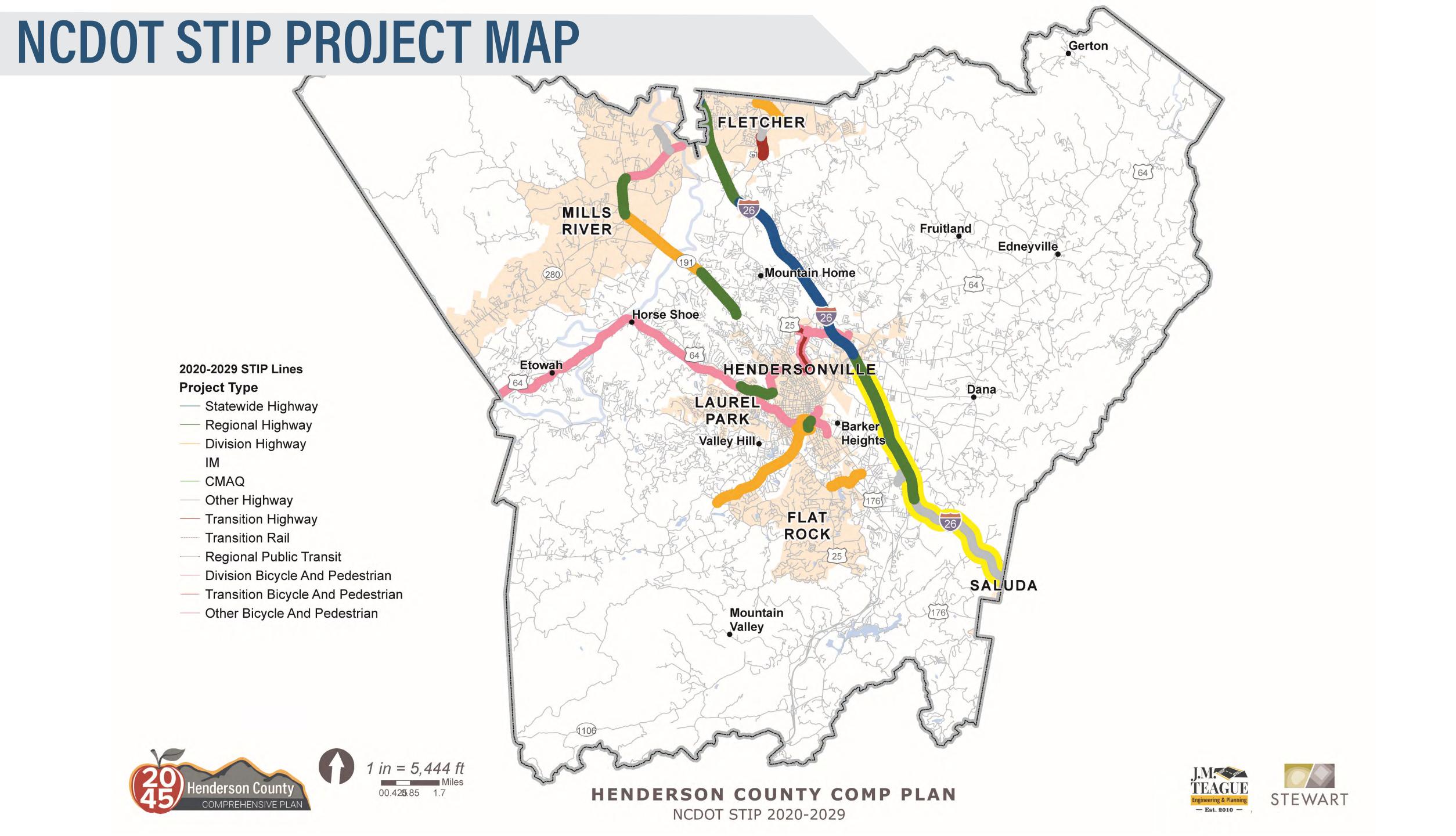
- Properties with structures within potential debris flow pathways have med to high vulnerability and risk (dark red right)
- Some properties are in close proximity to potential slope instability









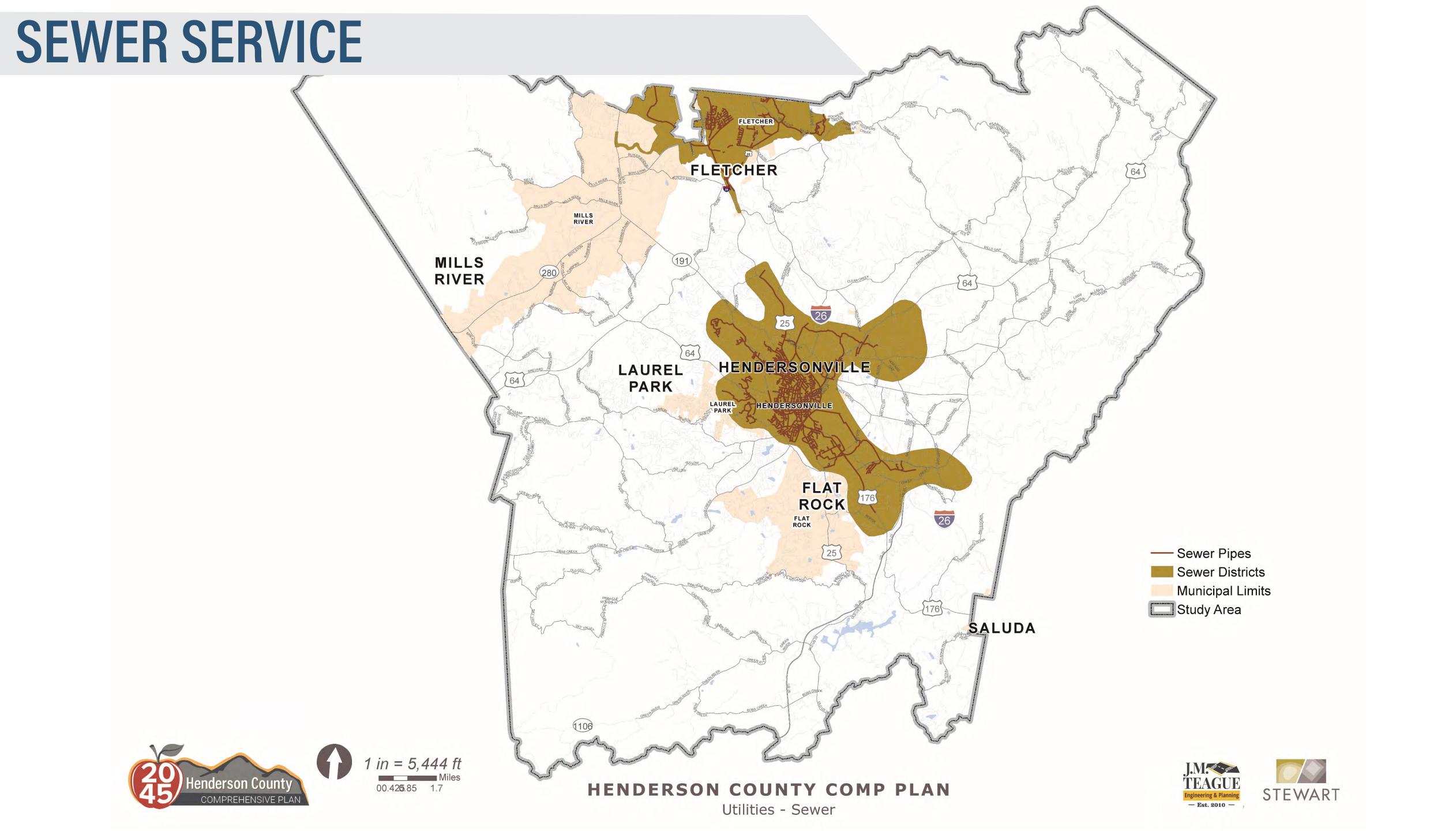


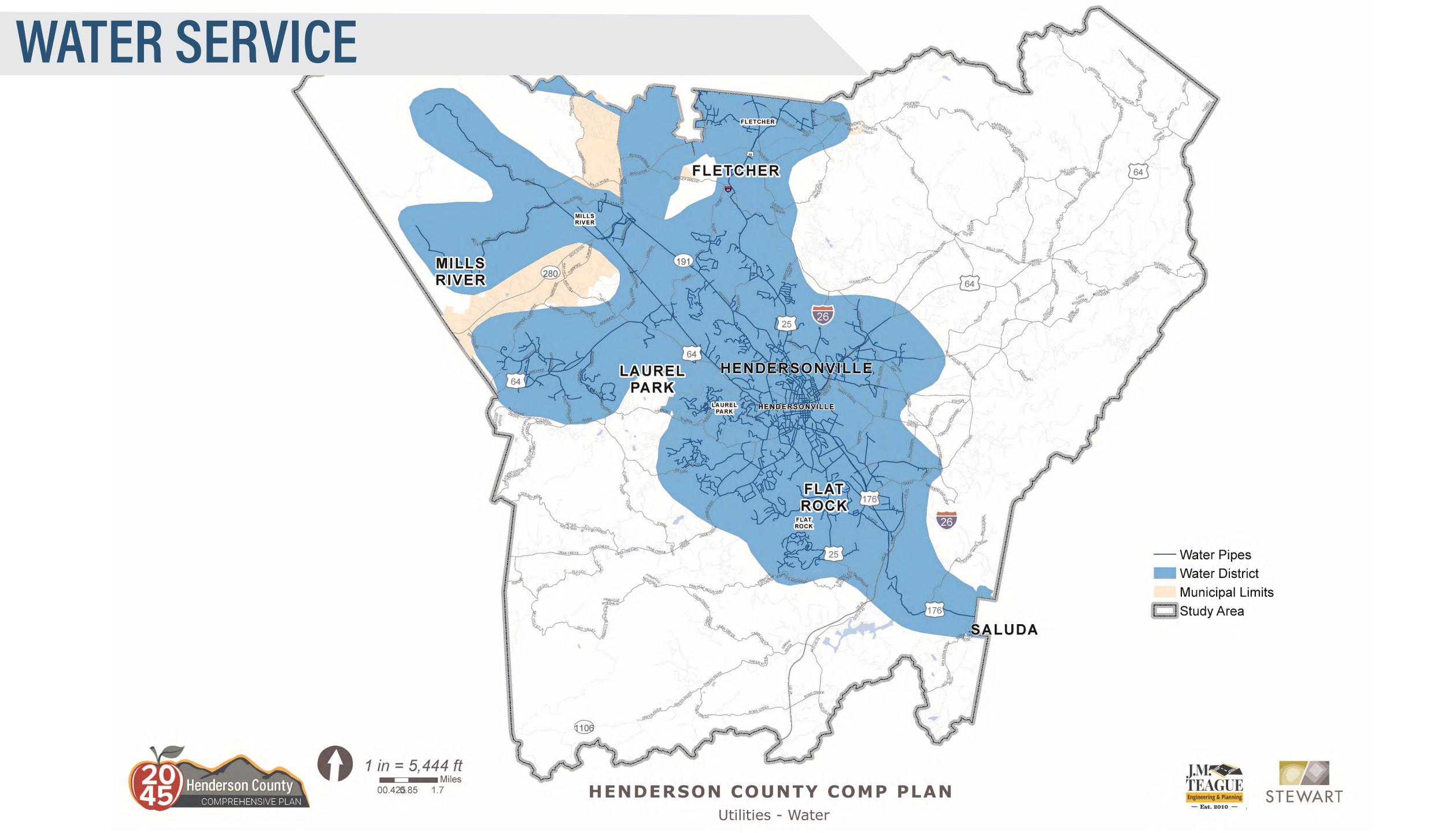
NCDOT 2020-2029 STIP PROJECTS

Project	Description	
BL-0007: Ecusta Trail	Rail-to-trail project that will establish a new multiuse path (greenway) from Brevard (in Transylvania County) to South Main Street in Hendersonville. Construction in 2023-2024.	
BL-0008: Clear Creek Greenway	Construct a multiuse path (Clear Creek Greenway) from Berkeley Mills Park to Lakewood Road. Construction in 2024.	
EB-5946: NC 280 Multi-use Path	A multiuse path along NC 280 from Haywood Road (NC 191) to the Kunz Park/Westfeldt River Park area.	
EB-5860: Blythe Street Sidewalks	Construct sidewalks along Blythe Street (SR 1180) from Brevard Road (US 64) and Haywood Road (NC 191).	
U-6124: NC 280 Improvements	Access management and intersection improvements along NC 280 through Mills River (where 280 and 191 follow the same route).	
R-2588: Widen Brevard Road (NC 191)	Widen Brevard Road (NC 191) from NC 280 to US 25 in Hendersonville. This project is only committed for the portion from NC 280 to Mountain Road (SR 1381) and includes a bridge replacement over the French Broad River.	
R-5748: Upgrades to Kanuga Road	Upgrades to Kanuga Road (SR 1127) from Church Street (US 25 Business) to Little River Road (SR 1123). Scheduled for 2022 construction.	

NCDOT 2020-2029 STIP PROJECTS

Project	Description
U-5783: Widen US 64	Widen US 64 from Blythe Street (SR 1180) to White Pine Drive/Daniel Drive (SR 1173/SR 1186). This project features three roundabouts, access management, and 5-foot bike lanes and sidewalks. It will have an impact on the Town of Laurel Park's commercial area. Construction is expected in 2024, though subject to change.
U-5840: Widen Old Airport Road (COMPLETED)	Widen Old Airport Road (SR 1547) from Asheville Highway (US 25) to Mills Gap Road.
U-5886: Realign and extend White Street	Realign and extend White Street (SR 1170) so it provides a direct connection between Hebron Road and Spartanburg Highway (US 176).
U-5887: Upgrade Highland Lake Road	Upgrade Highland Lake Road (SR 1783) from NC 225 to US 176.
U-6049: Widen the South Main Street	Widen the South Main Street (NC 225) bridge over Mud Creek to five lanes.
I-4400: I-26 Widening	Additional lanes added to I-26 from US 25 to NC 280, along with interchange improvements at US 64 and new rest areas near the Buncombe County border.
Aviation Projects	NCDOT is funding expansion of the Asheville Regional Airport (including expanding the terminal apron to the north and south, runway construction, and terminal building expansion).





INTERNET ACCESS MAP Gerton FLETCHER MILLS RIVER Fruitland. • Edneyville Mountain Home. Horse Shoe Etowah HENDERSONVILLE Dana 64 Barker 25 Heights Valley Hill **Internet Access** This map shows percent households FLAT East ROCK Rock with no internet access due to availability, cost or choice. This data is from the Census based on the 2019 American Community Survey Mountain (ACS). Valley

Study Area

Conservation Areas

Percent Households with

ACS Census Data (2019)

no Internet Access

Under 10%

10% - 15%

15% - 20%

20% - 25%

25% - 30%

30% - 40%

Over 40%