MTP 2040 Appendix G
Environmental Justice Analysis

In addition to roadway project Environmental Justice analysis, Environmental Justice benefit scores were calculated for bicycle and pedestrian projects, and the existing fixed and deviated fixed route network was compared with areas of environmental justice concern.

The results of bicycle and pedestrian projecs EJ scoring is presented on the next two pages. Overall bicycle and pedestrian project score is much higher than the average roadway project score, at 2.21 for bicycle and pedestrian projects as compared with 0.83 for roadway projects.

MTP 2040 Bicycle and Pedestrian Projects EJ Score								
MTP Horizon	**MTP ID**	**TIP**	**Route/ Facility Name**	**Description**	**From**	**To**	**County**	**EJ Score**
1	BUNC-BP-1	U-5190	New Leicester Highway	Construct Sidewalks and Crossing Improvements.	Patton Avenue	City Limits	Buncombe	4
1	BUNC-BP-2	U-5019A	Clingman Forest and Town Branch Greenways	Construct Clingman Forest and Town Branch Greenways	X	X	Buncombe	2
1	BUNC-BP-3	U-5019B	French Broad River West Greenway	Construct French Broad River West Greenway	Haywood Rd	French Broad River Park	Buncombe	2
1	BUNC-BP-4	EB-5790	Asheville Greenway Connectors	On-Street Crossings and Connections for Bicyclists and Pedestrians in Asheville's East of the Riverway.	X	X	Buncombe	2
1	BUNC-BP-5	EB-5774	NC-251 Multi Use-Path	Construct Multi-Use Path	SR 1684 (Elk Mountain Road)	Exit 25 on US 19/23/70	Buncombe	2
1	BUNC-BP-6	EB-5547	Black Mountain Riverwalk Phase II	Construct New Multi-Use Path From Existing Flat Creek Greenway Trailhead Near State Street and Charlotte Street to Existing Riverside Greenway Near Riverside Park and Extension West of NC 9 Near Existing Culvert.	NC 9	Flat Creek Greenway Trail	Buncombe	2
1	BUNC-BP-7		Blythe Street Sidewalks	Construct sidewalks on one side of Blythe Street from us 64 (Brevard Rd) to NC 191 (Haywood Rd) Project to include sidewalk, curb and gutter, and ADA upgrades to curb ramps	US 64	NC 191 (Haywood Rd)	Henderson	2
1	BUNC-BP-8		Hominy Valley Greenway	Construct paved multi-use path connecting Enka High School and Hominy Valley Elementary School, and one pedestrian crossing across Enka Lake Road.	Enja High School Parking Lot	Hominey Valley Elementary School	Buncombe	2
1	BUNC-BP-9		Russ Avenue Sidewalks	Construct sidewalk	K-Mart Plaza	Frazier Street	Haywood	2
1	BUNC-BP-10		Meritor Greenway in Fletcher	Construct Meritor Greenway. Start at the terminus of existing sidewalk on US 25 Hendersonville Road bridge across Cane Creek, extend the sidewalk a short length south, and then transition to a greenway that follows the southern bank of Cane Creek	US 25 South of Bridge over Cane Creek	Western Terminus of Meritor Property	Henderson	2
1	BUNC-BP-11		Oklawaha Greenway Extension to BRCC	Construct greenway along existing sewer easement from terminus of existing Oklawaha Greenway in Jackson Park to Blue Ridge Community College.	Jackson Park	Blue Ridge Community College	Henderson	2
1	BUNC-BP-12		Blue Ridge Road Sidewalks	Construct sidewalks along North Blue Ridge Road from US 70 to end of existing sidewalk on Fortune Street.	Fortune St	US 70	Buncombe	2
1	BUNC-BP-13		Hazelwood Ave Sidewalks	Construct pedestrian improvements on Halzelwood Ave from Elysia Ave to Will Hyatt Road in Waynesville. Waynesville Pedestrian Plan project E.	Elysinia Ave	Will Hyatt Rd	Haywood	2
1	BUNC-BP-14		N Main Street Sidewalks	Hendersonville-Construct sidewalks on both sides of N. Main from Signal Hill Road to O'Cain Court.	Signal Hill Rd	O'Cain Ct	Henderson	2
1	BUNC-BP-15		N Main Street Sidewalks	Mars Hill-Construct sidewalks on one side and pedestrian crossings as needed on North Main Street, from Chestnut Street to Mountain View Drive.	Chestnut St	Mountain View Dr	Madison	2
2	BUNC-BP-16		Ecusta Rail Trail Phase I	Construct Rail-to-Trail	Oklawaha Grw. Jackson Park	Trailhead in Laurel Park	Henderson	2
2	BUNC-BP-17		NC-251 Greenway (Remainder)	Construct Multi-Use Path	SR 1684 (Elk Mountain Rd)	Buncombe County Line	Buncombe	2
2	BUNC-BP-18	EB-5757	Brown Avenue Road Diet	Implement Brown Avenue Road Diet and complete streets improvements from South Main Street to Belle Meade Drive. Project includes road diet to reduce roadway lanes to three lanes and construction of bike lanes from South Main Street to Belle Meade Drive	South Main Street	Belle Meade Drive	Haywood	2

MTP 2040 Bicycle and Pedestrian Projects EJ Score								
MTP Horizon	**MTP ID**	**TIP**	**Route/ Facility Name**	**Description**	**From**	**To**	**County**	**EJ Score**
2	BUNC-BP-19	EB-5728	Riceville Road Sidewalks	Construct approximately 2500 linear feet of sidewalk.	US 70 (Tunnel Rd)	Bull Mountain Rd	Buncombe	2
2	BUNC-BP-20		Flat Rock Multi-Use Path	Construct Multi-Use Path	Flat Rock Village Center	The Park at Flat Rock	Henderson	2
3	BUNC-BP-21		Bent Creek Greenway Phase I	Construct MUP				2
3	BUNC-BP-22		NC-251 Greenway (Remainder)	Construct Multi-Use Path	SR 1684 (Elk Mountain Rd)	Buncombe County Line	Buncombe	2
3	BUNC-BP-23		US 25 McDowell St and Choctaw St	Construct pedestrian improvements along McDowell Street and Choctaw Street. Pedestrian improvements to include sidewalk gap closure, ADA upgrades and crossing improvements along McDowell Street from Phifer/Southside Ave to Choctaw Street	Southside Ave	Choctaw St at Biltmore Ave	Buncombe	3
3	BUNC-BP-24		McDowell St and All Souls Crescent	Implement McDowell Street bicycle improvements, including bike lanes, sharrows and striped shoulder, from McDowell Street at Southside Avenue and continuing on All Souls Crescent to intersection with US 25/Hendersonville Rd.	Southside Ave	US 25 Hendersonville Road	Buncombe	4
3	BUNC-BP-25		Broadway Street Road Diet	Implement Broadway Street bicycle improvements from I-240 to Riverside Drive to include bike lanes and sharrows at pinch points using road diet and lane narrowing where possible.	NC 251 Riverside Drive	I-240	Buncombe	3
4	BUNC-BP-26		Bent Creek Greenway Phase I	Construct Greenway	I-26 Interchange at NC 191 (Brevard Rd)	I-26 Interchange at NC 146 (Long Shoals Rd)	Buncombe	2
4	BUNC-BP-27		Bent Creek Greenway Phase II	Construct Greenway	Hominy Creek River Park	I-26 Interchange at NC 191	Buncombe	2
5	BUNC-BP-28		Bent Creek Greenway Phase II	Construct Greenway	Hominy Creek River Park	I-26 Interchange at NC 191	Buncombe	2
Average score								**2.21**

For transit, no specific route improvement projects were identified in the MTP project list. The existing fixed route and deviated fixed route transit network was compared with the areas of Environmental Justice concern for Buncombe and Henderson Counties (see the next two maps). In Buncombe County, existing fixed routes and deviated fixed routes connect most of areas with two or more categories of Environmental Justice concern except for some areas in the northeast of Buncombe County (with lower population densit), and areas along US 74 Alt.- Fairview Road. In Henderson County, Apple Country Transit routes serve the majority of areas of EJ concern in the center of the county, but large portions the eastern part of Henderson County have two or more Environmental Justice concerns associated with each block group, and those areas appear to be underserved by existing transit. This part of the county is also likely to exhibit lower housing densities and a high prevalence of agricultural land uses, which makes fixed route or deviated fixed route service more challenging. On-demand community transportation is available in both Buncombe County and in Henderson County for residents who live outside of the reach of existing fixed route and deviated fixed route service.

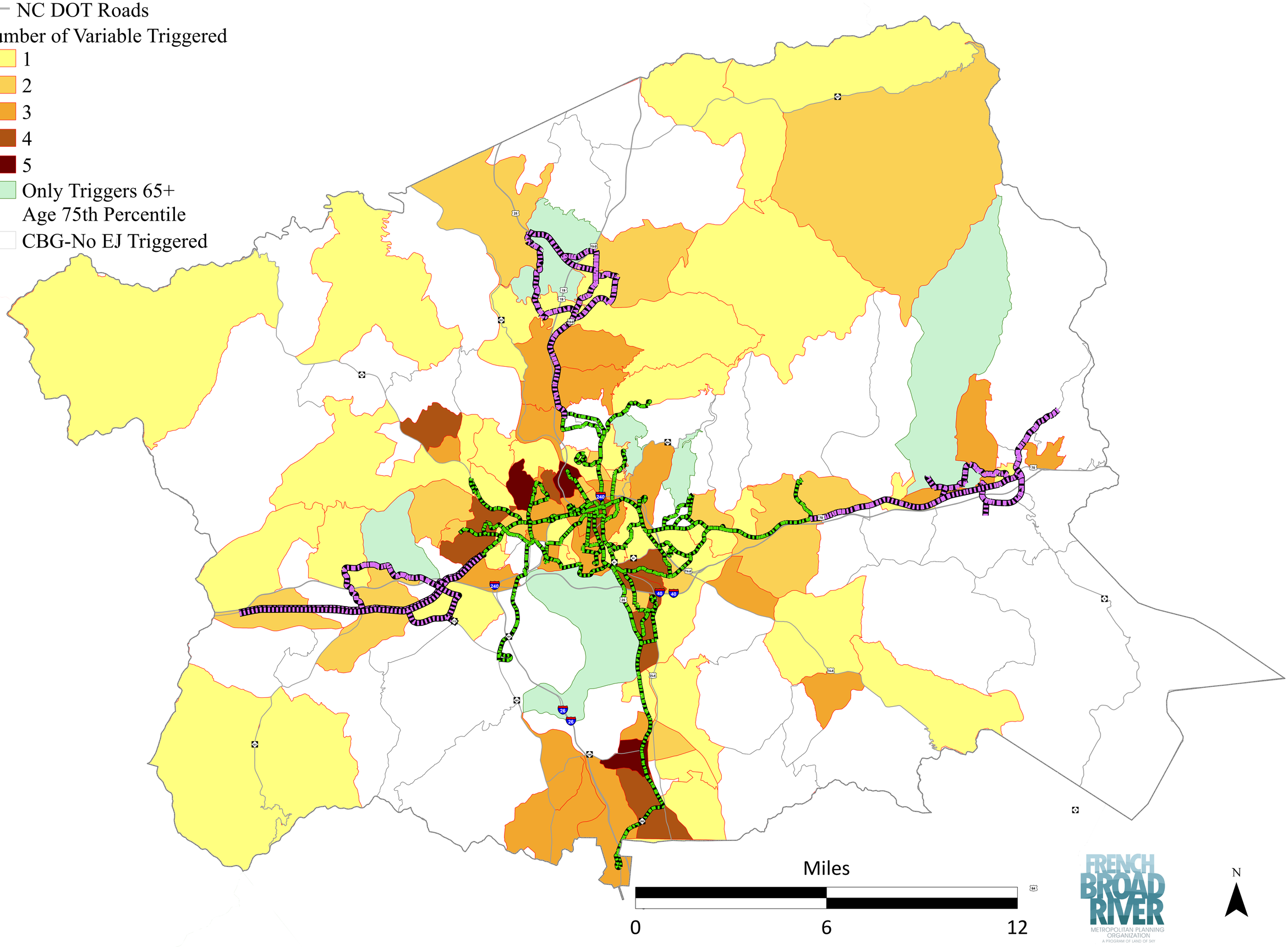
Distribution of EJ Impacts
Buncombe County Transit

Legend

- Mountain Mobility Routes
- AshevilleTransit Routes
- NC DOT Roads

Number of Variable Triggered

- 1
- 2
- 3
- 4
- 5
- Only Triggers 65+ Age 75th Percentile
- CBG-No EJ Triggered



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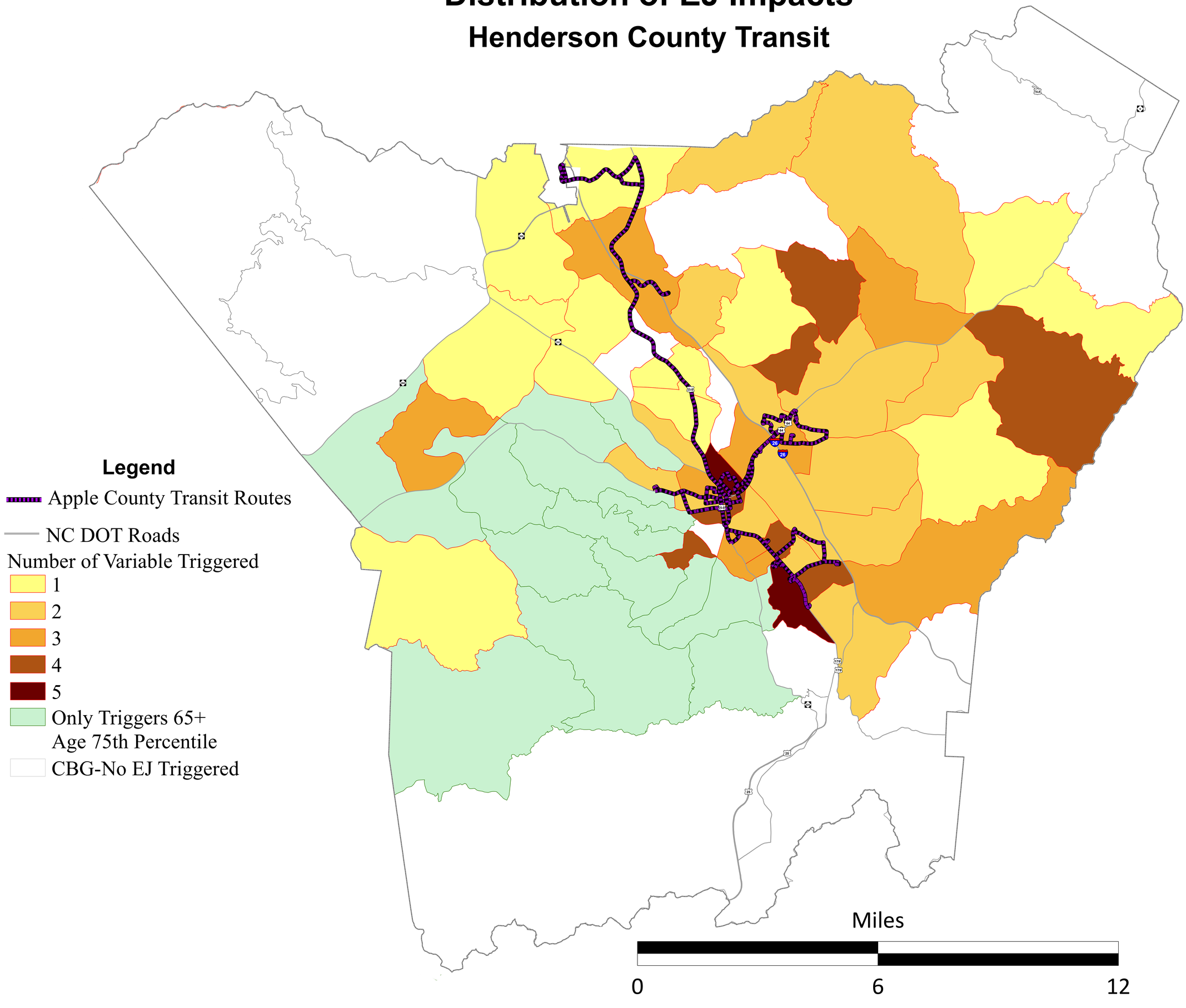
Distribution of EJ Impacts

Henderson County Transit



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