



Miami Valley Transportation Regional Profile

TRANSPORTATION D A T A S E T

A variety of sources have been used to compile the information in this profile. They include datasets from the U.S. Census Bureau, the Ohio Department of Transportation, transit agencies in the Miami Valley Region, and MVRPC. MVRPC is designated as the Metropolitan Planning Organization (MPO) and is responsible for transportation planning in Greene, Miami, Montgomery Counties and parts of northern Warren County.

Our 3+ County MPO Region includes Greene, Miami, Montgomery, and northern Warren

839,012 PEOPLE

442,000 JOBS

1,300 SQ. MI.



Our Region is served by an **extensive network of roads, transit, bikeways, and pedestrian facilities**, providing multi-faceted transportation options for **better mobility, accessibility, and connectivity.**

~6,700 MILES
of roadway

60 MPH
Average Freeway Speed

21.3 MINUTES
Average Commute Time

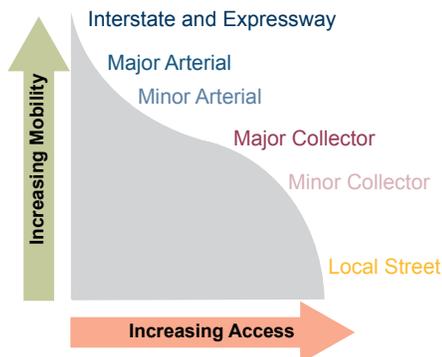
4 TRANSIT AGENCIES
serve the Region

~200 MILES
paved, off-street
bikeway trails

109 MILES
of railway

Source: INRIX (2013), 2006-2010 5-Year American Community Survey, and MVRPC

Roadways are classified based on the type of service they provide ranging from **mobility to accessibility.**



| | | |
|-----------------------------|------------------------------|-----------------------------|
| Interstate 150 Miles | Major Collector 770 Miles | Local Street 4,920 Miles |
| Major Arterial 220 Miles | | |
| Minor Arterial 380 Miles | Minor Collector 270 Miles | |

Congestion in the Region, while it causes **some loss in both time and money**, is better than similar areas nationwide.

24 HOURS

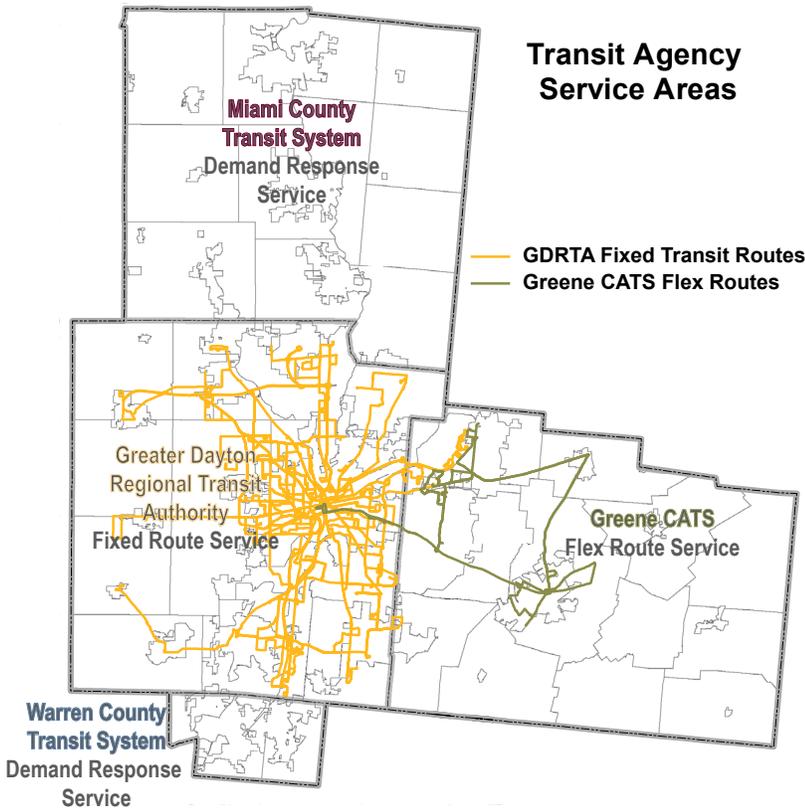
Yearly Delay per Auto Commuter compared to **29 HOURS** in similar areas nationwide

12 GALLONS

Yearly Excess Fuel Consumed per Auto Commuter compared to **14 GALLONS** in similar areas nationwide

Source: Texas Transportation Institute (2011) and MVRPC

Four transit agencies serve the Region providing a variety of public transportation services, and the Region has an extensive network of bikeways.



~1,000 miles of fixed routes

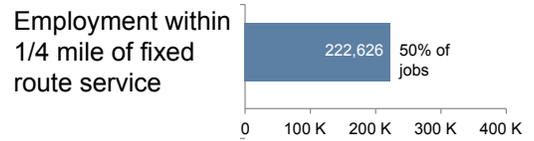
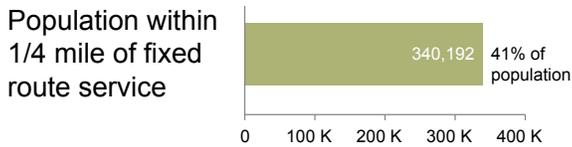
~110 miles of flex routes

9.3 M passenger trips per year

GDRTA - 9,000,000
Greene CATS - 185,000
Miami County Transit System - 62,300
Warren County Transit System - 52,000

10% passenger trips since 2012

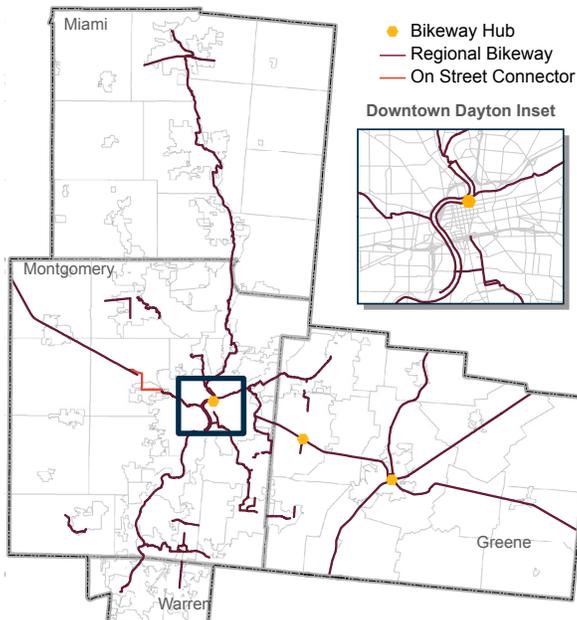
GDRTA - down 10%
Greene CATS - down 2%
Miami County Transit System - up 4%
Warren County Transit System - down 21%



Source: Transit Agencies, 2008-2012 5-Year American Community Survey, and MVRPC

Our Region is home to the **nation's largest paved trail network**. The MPO bikeway system has **nearly 200 miles**, which connect local and national bike routes.

Regional Bikeway Network



27 LINK bikeshare stations

100,000+ number of users in a year on most popular bikeway

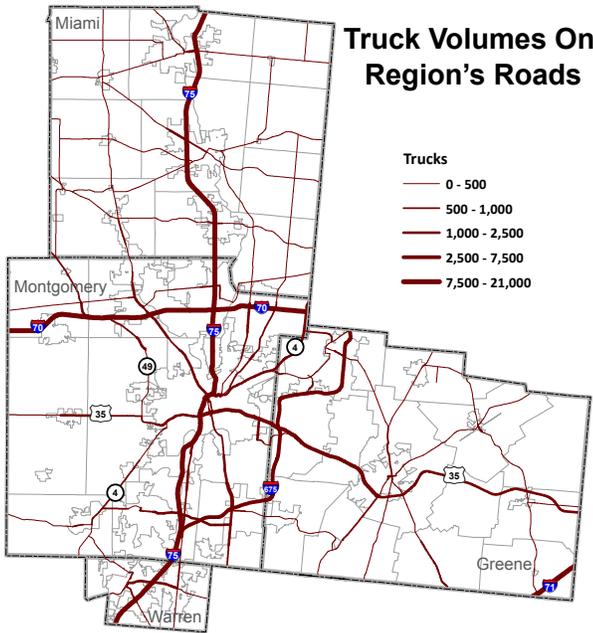
30% Population within 1/2 mile of a bikeway

46% Employment within 1/2 mile of a bikeway

Source: 2008-2012 5-Year American Community Survey and MVRPC

Our Region relies heavily on both cars and trucks to move people and freight.

I-70 and I-75 are both major truck routes, carrying between **12,000-15,000** and **11,000-16,500** trucks per day, respectively.

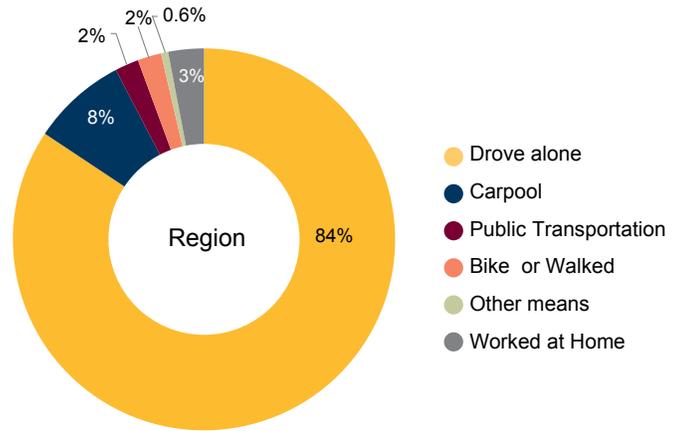


Additional Regional Freight Facilities:

- 5 Airports
- 109 miles of railway
- 414 miles of pipeline

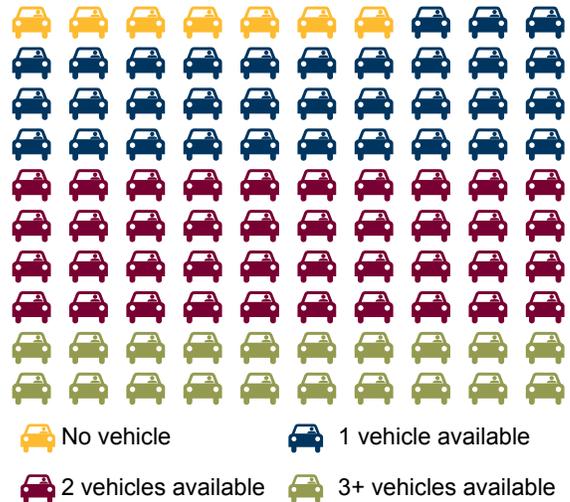
Source: MVRPC

Region mostly commutes to work **by car**.



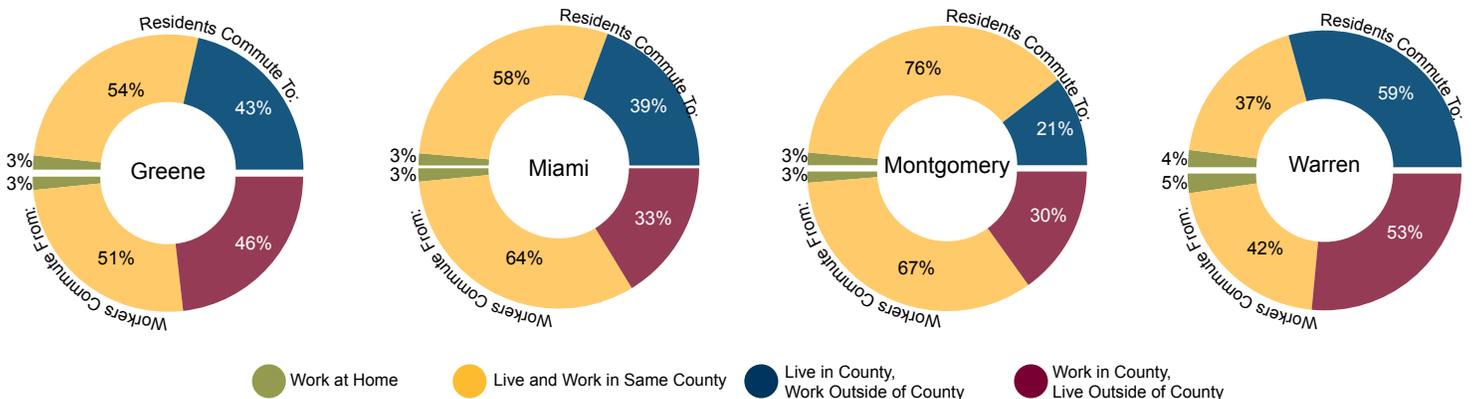
Source: 2006-2010 5-Year American Community Survey

Zero-car households represent **only 7%** of all households in the Region.



Source: 2008-2012 5-Year American Community Survey

For **every county except Warren**, over half of total workers both live and work in the same county.



Source: 2006-2010 5-Year American Community Survey

Safety has been improving in the Miami Valley, with crashes declining 30% from 2004-2013.

The total number of crashes from 2011-2013 was **52,025**.



1 in 267 crashes were fatal



1 in 6 fatal crashes involved a bicycle or pedestrian



A crash occurs every **30 MINUTES**

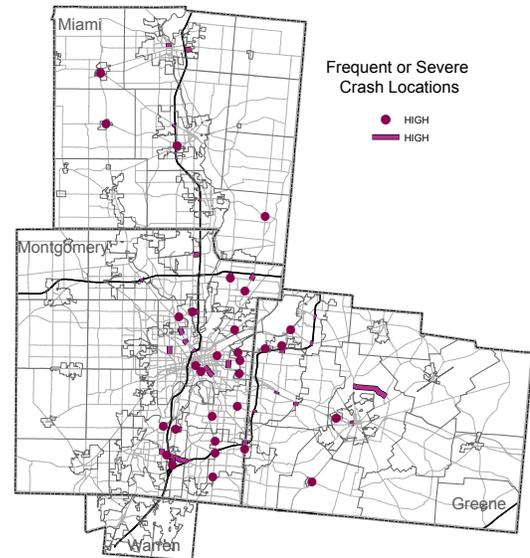


2.2 Regional crash rate (2009-2013), compared to 1.8 in the U.S. and 2.6 Ohio

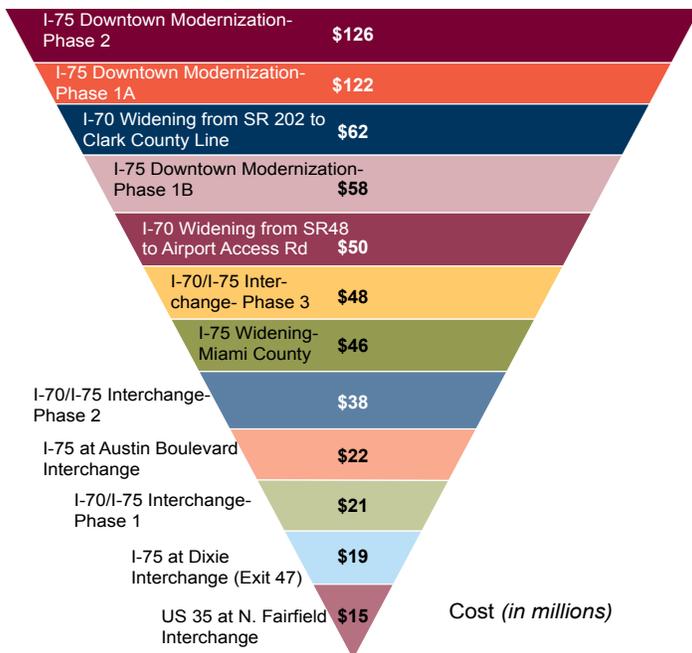
Note: The total crash rate is calculated using 2009-2013 5 year average for every 1 million vehicle miles traveled.

Source: 2011-2013 Ohio Department of Public Safety and MVRPC

Top Crash Intersections and Segments

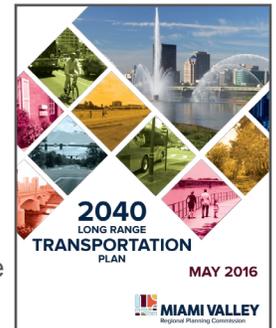


Completed Major Investment Projects by Cost in the last 15 years:



Source: MVRPC

The **Long Range Transportation Plan (LRTP)** is a long-range (20+ year) strategy and capital improvement program developed to guide the effective investment of public funds in multimodal transportation facilities. Visit <http://www.mvrpc.org/transportation/long-range-planning-lrtp> to view the latest plan.



Transportation Improvement Program (TIP) is a more detailed, four-year transportation capital improvement program. Specifically outlined in the TIP are the Region's highway, bikeway/pedestrian, and transit improvements that are financed using federal and/or state funds. Visit www.mvrpc.org/transportation/short-range-plan-tip to view the current report.

This profile is available at:
<http://www.mvrpc.org/regional-profiles>.
Contact us for your community's information.

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