



CONNECTING TO OPPORTUNITY:

Region 9 Report on Transportation, Jobseeking and Economic Development

JUNE 2015

Prepared by the Washtenaw County Office of Community and Economic Development
In partnership with Emma White Research LLC
and Michigan Environmental Council



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Executive Summary

Sustainable growth in a region depends on connecting individuals to jobs and connecting business to the talent they need to grow. There are many components to make successful workforce connections, education and training are central, but one of the most obvious and sometimes most challenging to overcome is the physical connection due to inadequate transportation options.

Findings:

- ◆ A 2015 survey of 400 Michigan Works! customers in Region 9 finds that nearly half (48%) say transportation has been a problem in finding and keeping a job. Today those who have access to a vehicle are more likely to be employed, even when controlling for other factors like age, education, and race.
- ◆ Budget data from Michigan Works! agencies in Region 9 over the last 5 years show that 60-80% of support service budgets are directed to individual transportation needs. These public funds are provided to individuals for car repairs, bus passes, cab service, etc. as short term and often one-time transportation fixes rather than contributing to broader systemic investments to improve regional transportation.
- ◆ Survey data and employer interviews both show need for additional transportation options such as fixed transit, para-transit and regional commuter rail. A third (32%) of workforce survey participants responded that buses and other forms of public transportation are not available where they live. This number increases to 53% in Hillsdale and Lenawee Counties.
- ◆ Interviews with business leaders reveal opportunities to engage this audience on transportation issues. Some already see the need for transportation assistance for their workers or believe that the lack of regional public transportation is hindering their ability to recruit. Others have not thought deeply about these issues but can see benefits for the local economy or their business specifically.

Recommendations

To address the findings above requires a shift in priorities to align transportation investments with workforce and talent needs. Opportunities exist within Region 9 to provide long-term solutions through targeted transportation investments in public transit, complete streets, regional commuter rail, and improved road conditions:

- ◆ Educate employers on ways to provide transportation options to employees, either on their own or in partnership with workforce, economic development, and/or transportation agencies.
- ◆ Work for longer-term public transit solutions and measure progress, keeping in mind that existing service may need tweaks to accommodate workers' schedules with expanded daily and weekend hours.
- ◆ Keep existing workforce programs that connect the most vulnerable job seekers to employment with additional support to make sure jobs are retained over time.



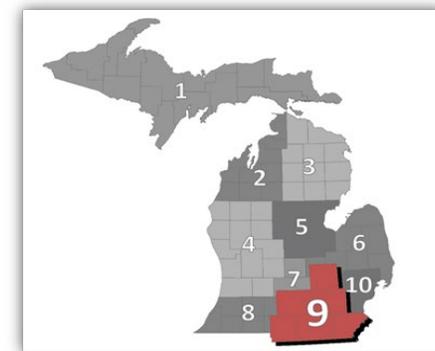
Background

In March of 2015, the Region 2 Planning Commission contracted for a report investigating the role of transportation in successful job seeking as well as business location and growth on behalf of the Region 9 Transportation Functional Committee. Three agencies were engaged in the study, Emma White Research, LLC., Michigan Environmental Council, and the Washtenaw County Office of Community and Economic Development, to complete the following scope:

1. Perform a literature review focused on recent transportation and business trends, including examples of best practices for connecting residents to jobs and employers to talent.
2. Conduct twenty interviews with key business leaders in the key sectors of IT, healthcare, and manufacturing as targeted by Region 9. The interviews focused on the role transportation plays in job seeking, talent attraction, and related successes and challenges.
3. Administer 400 interviews with current and previous Michigan Works! jobseeker clients in Region 9 to statistically determine the role transportation or lack thereof has on finding and keeping employment.
4. Develop dashboard to provide means to benchmark the region and allow for future measurement of regional decisions around transportation investments and policy as it relates to job access, employment, and business growth.

What follows is that review, study and synthesis as well as preliminary recommendations for next steps to improve opportunity through improved transportation connections. Note, this report synthesizes three separate reports as well as additional data. The original reports are available for review from the Region 9 Transportation Committee.

- ◆ **Working to Learn Literature Review:** Understanding Transportation and Workforce Trends
Liz Treutel, Michigan Environmental Council (5/27/15)
- ◆ **Transportation and Talent in Michigan's Prosperity Region 9:** Findings of qualitative interviews with employers in manufacturing, health care, and information technology
May 2015 – Emma White Research, LLC
- ◆ **Transportation and Talent in Michigan's Prosperity Region 9:** Findings of a survey on transportation access, barriers, and priorities
May 2015 – Emma White Research, LLC



SOURCE: Michigan Department of Management and Budget

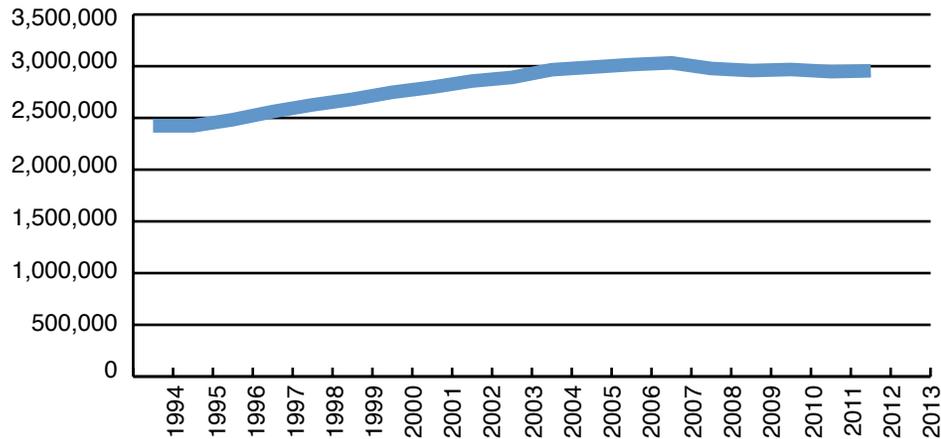
Commuting Patterns

National Trends

For decades, public policy and cultural trends steered most American families into owning personal automobiles. From the mid-1950s until about 2007, total vehicle miles traveled increased steadily and at a steep rate. Over these fifty years, our cities and transportation systems were built to accommodate the mass influx of personal automobile use, which included wide streets, fast expressways, ample parking and sprawling land use patterns—specifically separating housing and jobs.¹

Exhibit A:

Total Vehicle Miles Traveled in the United States (1994-2013)



Data Source: Federal Highway Administration

Commuting patterns have echoed these historical trends. From 1960 to 1990, the percent of people who traveled by automobile to work increased by over 22%, during the same period the percent who chose to use public transportation to get to work decreased by over half.² For the last 20 years, about 86% of the U.S. population traveled to work by automobile and just 5% use public transportation.³

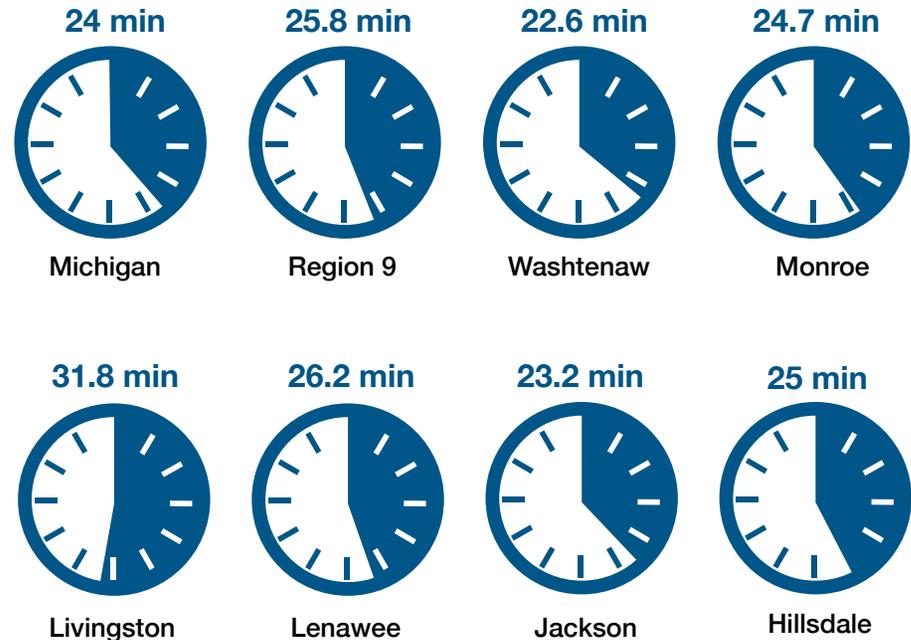
Despite this long term trend, the early part of the 21st century is showing a cultural shift away from auto-only oriented transportation. The seemingly endless increase in vehicle miles traveled (VMT) is experiencing a plateau, and the population is looking for more options to get around, which include public transit, biking, walking, car-sharing, and more. Millennials, in particular, are leading this trend. Per capita VMT among 16 to 34 year olds dropped by 23 percent from 2001-2009.⁴

1) John M. Levy. Contemporary Urban Planning. Eighth Edition. (Pearson Education, Inc.: 2009), 226.
 2) U.S. Census Bureau. Characteristics of the Population. United States Summary. 1960, 1990, 2010.
 3) U.S. Census Bureau. 1960, 1990, 2010.
 4) Benjamin Davis, Tony Dutzik and Phineas Baxandall. "Transportation and the New Generation: Why Young People Are Driving Less and What it means for Transportation Policy." Frontier Group and U.S. PIRG Education Fund. April 2012.

Experts point to a whole host of reasons for this shift including a preference toward other modes for environmental, health, or economic reasons; population growth in urban areas; and the concept that people have simply reached the maximum amount of time they are willing to spend in traffic every day. Michigan residents spend an average of 24 minutes traveling one-way to work. In some counties, including Livingston, Lenawee and Hillsdale, travel averages are higher at 32, 26 and 25 minutes, respectively.⁵

Exhibit B:

Average commute time (min)



Source: 2006-2010 American Community Survey

5) U. S. Census Bureau, American Community Survey, 5-Year Estimates. 2006-2010.

Region 9 Commuting Habits

For Region 9, the average commute one-way is slightly higher than the state average. Livingston has the highest average commute in the region, exceeding an hour round trip each day.

The 21 employers interviewed in the region generally said the most common commute for their employees is between 20 and 45 minutes, with an average of 30 minutes one-way. However, many say they have employees who drive an hour or more.

Table 1: Employer impression of employee origins

County	Reported commute patterns
Hillsdale	Within 45 mile radius, including Ohio and Indiana
Jackson	Many within Jackson, and the larger employers also drawing from Washtenaw, Lansing, Kalamazoo and as far away as Macomb County.
Lenawee	Many nearby but also Toledo, Monroe, Washtenaw and Jackson
Livingston	Metro Detroit, Lansing, Flint
Monroe	Within 20-50 mile radius, including Wayne County, Ohio
Washtenaw	Many within Washtenaw, and also drawing from Metro Detroit, and as far away as Flint, Traverse City

Source: 2015 Employer Interviews

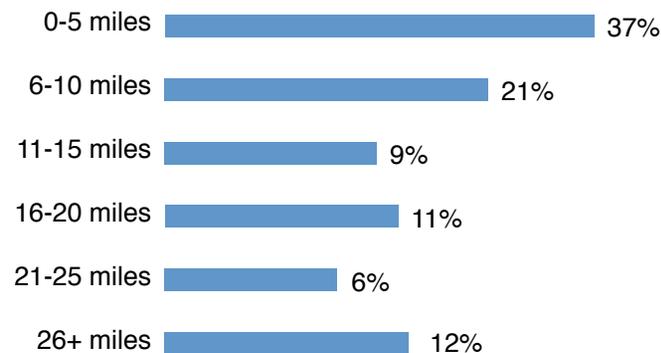
According to the survey of 400 Michigan Works! participants conducted in May by Emma White Research, respondents with jobs, on average report a commute distance of a little less than 14 miles in each direction, well below the average in all the Region 9 counties. Almost four in ten (37%) of those who have a job say they work within five miles of their home, but many commute longer distances, including 12% who report that they commute at least 26 miles to work.

As noted above, the means for travel is still often an individual vehicle, even if that is not what today's talent prefers. Increasingly, our workforce is requiring and demanding more options to get to work; workforce agencies, employers, and communities are following their lead. Access to transportation is no longer only a matter of providing a service to the workforce, but also a talent attraction and retention issue. Practices in places throughout the country, led by local, regional and state government; workforce development agencies; and employers themselves, focus on filling gaps in the workforce-transportation connection, and building a more robust, multi-modal system to improve competitiveness.

Solutions to workforce-transportation barriers must respond to specific needs of the workforce, employers, and the community. This means that solutions must consider the community characteristics, workforce demographics, and the industry in which they are looking to address. This report includes the perspectives of Michigan Works! participants and employers in the fields of IT, health care, and manufacturing, as well as considering overall trends in transportation around jobseekers and businesses looking to connect to employment and talent respectively.

Exhibit C:

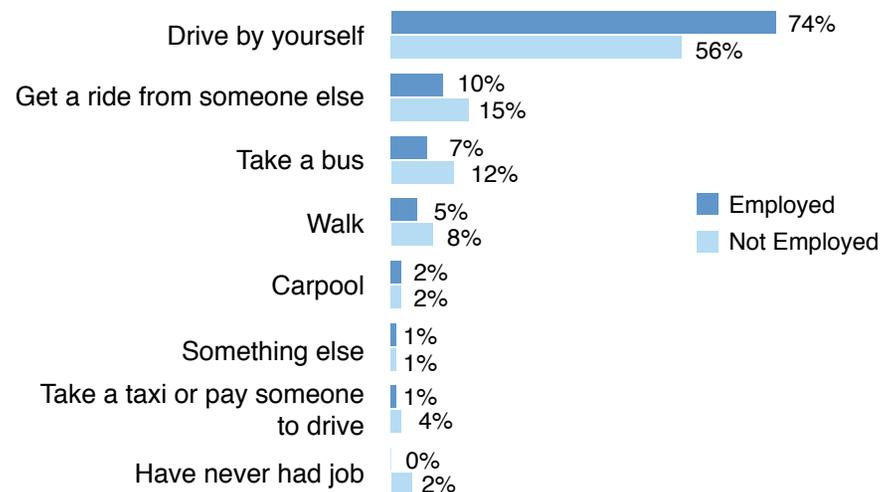
About how far is your job from where you live?
among those who have a job



Source: 2015 Region 9 Michigan Works! Customer Surveys

Exhibit D:

How do you generally get to work?
Last time you had a job, how did you generally get to work?



Source: 2015 Region 9 Michigan Works! Customer Surveys

Trends in Best Practices

A clear trend in responding to workforce-transportation needs is collaboration. When key stakeholders—workforce agencies, employers, transportation providers, and planners—work together to understand problems, pool resources, and combine capacities, solutions are more easily accessible and more broadly impactful. In many of the “best practices,” highlighted throughout this report, employers take the lead to provide services which range from transit pass subsidies to providing high-end shuttle services for employees. However, many of the examples listed can be transferred for use by workforce development agencies, transportation providers, other government entities, or a combination of stakeholders. In fact, when these institutions take the lead to initiate a solution, the result is often a systematic approach that provides benefits for many more residents and employers.

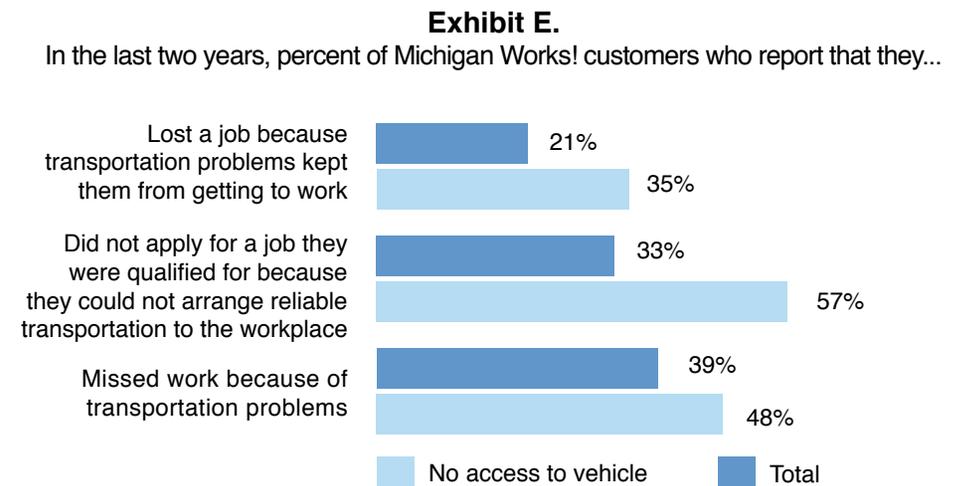
Jobseekers and Transportation:

2015 Michigan Works! participant survey and data on service requests

Transportation presents substantial challenges for participants in job training and assistance programs according to a survey of current and recent Michigan Works! customers conducted by Emma White Research for the Region 9 Prosperity Initiative.⁶ Key findings include:

- ◆ **Transportation is a problem for gaining and keeping employment.** Nearly half of survey participants (48%) say transportation has been a problem for them in finding and keeping a job. Today, those who have access to a vehicle are more likely to be employed – even when controlling for other factors. Overall, one in five customers (21%) reports losing a job because of transportation problems in the last two years, while 39% say they have missed work and a third (33%) have not applied for a job because they could not arrange transportation.
- ◆ **Many face transportation limitations.** For example, 21% of current and former workforce customers do not have access to a car or other vehicle, and the majority who don't have a vehicle also lack a driver's license creating a long-term issue. Younger customers, African Americans, and those with lower levels of education are more likely to be carless.
- ◆ **Having a vehicle doesn't mean there aren't issues.** A majority of those with vehicle access (56%) says they have needed repairs they could not afford within the last two years.

- ◆ **Many do not have public transportation access either.** Overall, a third (32%) say buses or other forms of public transportation are not available where they live. This rises to 53% in Hillsdale and Lenawee Counties, but is still 20% even in Washtenaw County, with a robust bus system.
- ◆ **Getting kids to school or daycare complicates things further.** Of those who have children under 18 who live with them full or part-time, 37% said getting their child to school or daycare has made it harder for them to get or keep a job.



Source: 2015 Region 9 Michigan Works! Customer Surveys

6) From May 6 through 10, 2015, Emma White Research LLC conducted a telephone survey of 400 adults who participated in the Workforce Investment Act, Trade, PATH or AEP programs at a Michigan Works! center in Hillsdale, Jackson, Lenawee, Livingston, Monroe or Washtenaw Counties within the previous twelve months. The data have been weighted by county and program to match the overall population of the programs within that time. The margin of sampling error for a study of this size is +/- 4.7 percentage points at the 95% confidence level, though other sources of error may contribute to total error.

Access to a vehicle is a strong predictor of employment

Analysis of survey data finds that having access to a vehicle predicts a higher likelihood of employment even when controlling for factors such as age, race, and education. Other transportation problems are associated with lower rates of employment as well. Among those with a vehicle, those who have faced repairs they could not afford within the last two years are less likely to have a job now (55%) than those who have not had such a problem (69%).

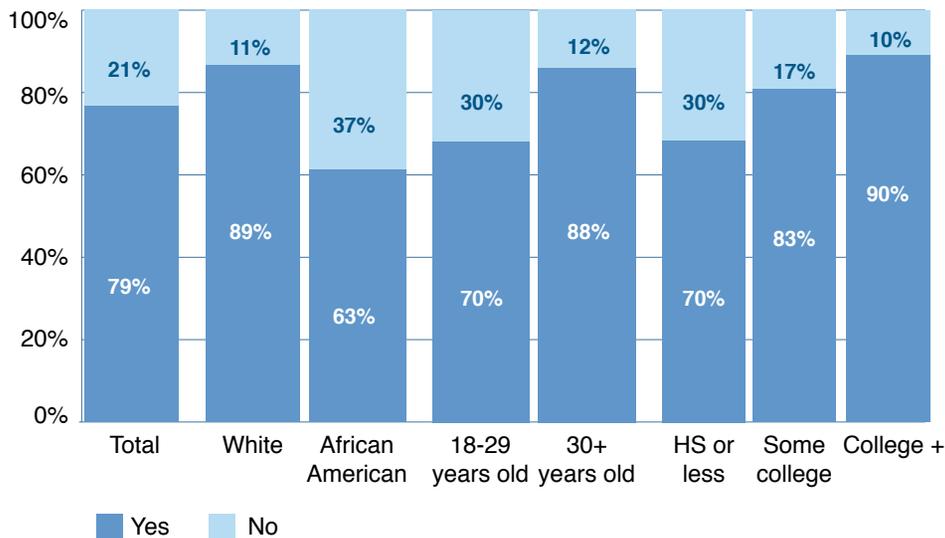
This data is important because 1 in 5 (21%) of respondents do not have access to a vehicle.

This problem is more acute among some subpopulations. Among African-American customers, 37% lack vehicle access. Three in ten of those under 30 (30%) and those with a high school education or less (30%) also lack access.

Customers in more urban Washtenaw County (31%) and Jackson County (24%) are more likely to be without vehicle access, but even in rural Hillsdale and Lenawee Counties, a substantial portion (15%) do not have cars, along with a similar number in Monroe (12%). In Livingston County fewer (3%) experience this problem.

Exhibit F:

Do you have access to a vehicle such as a car, truck or van that you can use when you need it?



Source: 2015 Region 9 Michigan Works! Customer Surveys

Even of those with vehicle access, 56% have needed repairs they could not afford within the past two years. Among those with vehicles, women (62%), those with children under 18 (64%) and those in PATH-AEP programs (65%) are more likely to have had problems paying for vehicle repair.

For those without access to a vehicle, gaining access often requires multiple steps and assistance. Of all surveyed, 17% were without a license and 32% without car insurance. Even for those with access to a vehicle, 6% are without a license and 16% are without insurance, potentially driving illegally. For those without access to a vehicle, 58% lack a license and 90% don't have insurance. In many of these cases Michigan Works! can assist, but the figures represent the overall transportation needs of workforce clients throughout Region 9.

The survey results are reinforced by data from Michigan Works! agencies in the region. Jobseekers in Michigan Works! programs have access to support services to help them find and gain employment. Of the requests for support services 76-92% of the requests were for some sort of transportation assistance, either car repairs, help obtaining driver's licenses, bus passes, car purchase in some cases, car insurance, and other related costs. When provided, transportation services made up two-thirds to three-quarters of the support services budget.

Exhibit G:

Do you have access to a vehicle such as a car, truck or van that you can use when you need it?

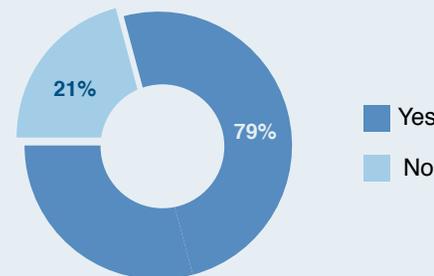
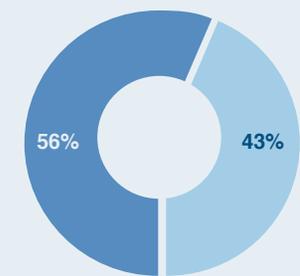


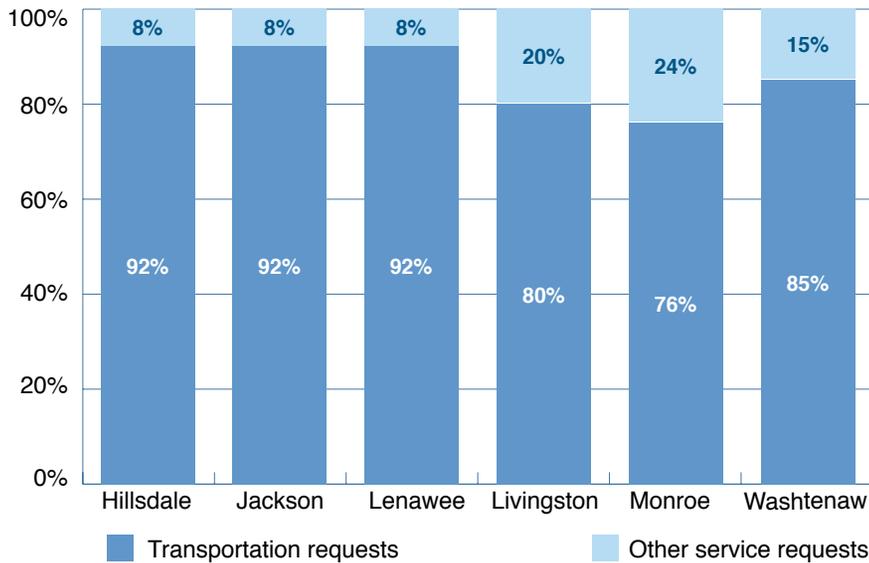
Exhibit H:

At any point in the last two years, has the vehicle needed repairs that you could not afford to pay for?
Among those with vehicle access



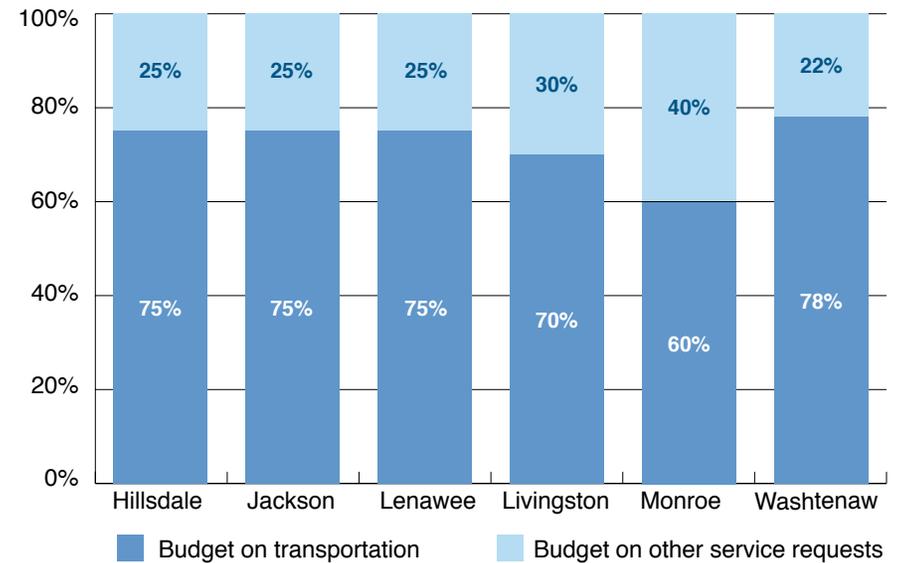
Source: 2015 Region 9 Michigan Works! Customer Surveys

Exhibit I: 5 years of Support Service Requests



Source: 2015 Region 9 Michigan Works! Service Centers

Exhibit J: 5 years of Support Services - Budget



Source: 2015 Region 9 Michigan Works! Service Centers

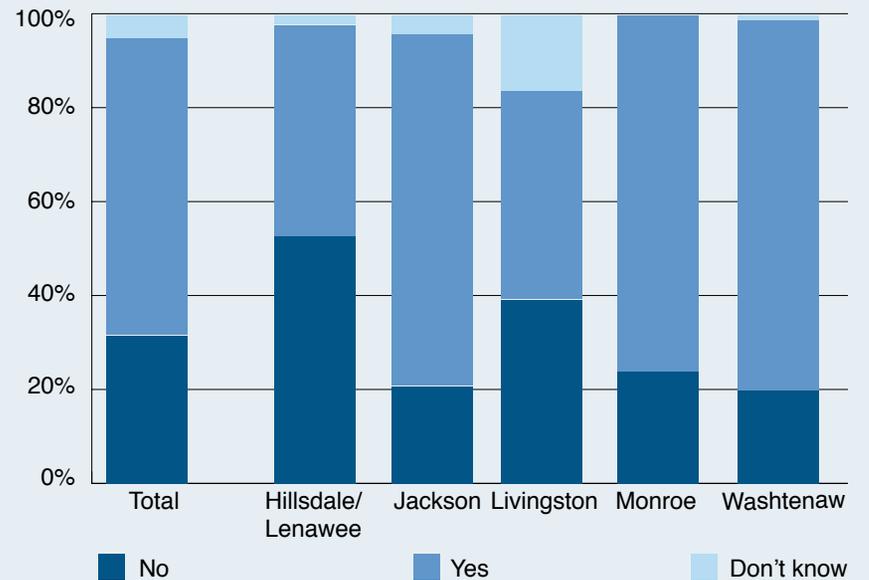
Are jobseekers connecting to public transit?

Other forms of transportation including fixed-route transit and para-transit services are available, although they vary greatly throughout the region. Of survey participants, 32% report that public transportation is not available where they live. Of those who do not have access to a vehicle, one in five (21%) does not have public transportation access and thus is reliant on others for transportation or are limited to walking or biking.



Exhibit K:

Are buses, or any other form of public transportation, available where you live?



Source: 2015 Region 9 Michigan Works! Customer Surveys

Employer perspective

These findings are based on 21 interviews with business leaders in Region 9 conducted by Emma White Research, LLC in April and May of 2015. The interviewees work in IT, manufacturing, and health care and are largely executives or human resources professionals with a few answering to other job titles. Contacts for the leaders were provided by Region 9, and the organizations represented range in size from a few employees to the thousands.

Roads in Rough Shape

Employers interviewed noted that poor road conditions are a fact of life in Michigan, and primarily seen as a nuisance, except in cases where it could damage product being shipped in and out of manufacturing sites.

I spoke to our logistics manager... One thing he pointed out is that the poor road conditions have led to damaged products, broken freight and that type of thing due to potholes. I think that's a bigger issue outside our industrial park, the nature of the roads I guess in the state of Michigan.

John Slot, Human Resources Manager, Toyoda Gosei (Livingston County)



Case Study: Workforce Agency

Workforce Solutions for the Heart of Texas: Highway 6 to Success

Partners: Workforce Solutions, Waco Transit, McLennan Community College, Texas State Technical College, Sanderson Farms, Falls Community Hospital

Workforce Solutions, in the Waco, TX area, implemented a transportation project to address an on-going problem with their clients—access to the Waco transit system by residents of an adjacent rural county, Falls County. Falls County is characterized by residents with low-household income, high unemployment and low educational attainment.

When Sanderson Farms, a large food processing company, planned to move into the Waco metro area and required 1,200 new employees, the main barrier to entry for the company was workforce mobility. To address this gap, Workforce Solutions began the Highway 6 to Success program in 2007 using a Federal Transit Administration Job Access and Reverse Commute (JARC) grant through the Texas Department of Transportation. The grant required a local match which came from Workforce Solutions, technical colleges in the area, a local hospital, local banks, and several municipalities who saw a benefit to bringing Sanderson Farms to the area.

Highway 6 to Success is a circular bus service that runs along Highway 6 into five rural communities in the Waco region. Riders can then make a free transfer to Waco Transit's fixed route system to access jobs, education and training opportunities, other public services and connect to intercity bus services. Waco residents can board Highway 6 to Success to access Sanderson Farms. Highway 6 to Success provides more than 1,000 trips per month with about half of those going to or from Sanderson Farms.

Source: "Texas WIB Invests Time, Energy & Expertise in Job Shuttle Project." Joblinks Employment Transportation Center. 2010. Accessed April 21, 2015.

Distance and lack of transportation options are barriers to recruitment and retention

Employers of low and high skill employees are finding that commuting distance affects both their ability to attract and retain talent. One manufacturer reports that they often hire Michigan Works! customers who can get short term help with transportation through their participation in those programs, but then cannot get to work once the assistance expires and have to be let go. Other employers say that they only hire those who have their own reliable transportation. Some employers have found that that transportation costs limit the area they can recruit from because the cost of gas and car repairs are not worth the commute for lower-paid positions.

In the health care world, transportation connections are focused on patient access. Interviewees at health care facilities, especially those serving rural areas, find issues with patients who are unable to afford transportation. When public transportation is not available, patients who cannot afford a car or have health issues that keep them from driving have trouble making it to doctors' appointments.

The Center for Family Health in Jackson County is a federally qualified health center serving a largely low-income clientele for whom transportation is an issue. To meet patients' needs for transportation, the Center has located its facilities at bus stops. It also maintains a van to pick up clients in rural areas who are unable to get to appointments.

The only challenge is we recruit a lot from Michigan Works! so a lot of the people from Michigan Works! obviously don't have a job so finding the transportation to get here can be a challenge. I know Michigan Works! usually provides it for two weeks and then it's up to them. We do lose people due to that. It's expensive to hire a cab every day...It costs. With the training, I mean, it takes two weeks to train somebody.

Kim Beattie, Recruiting Coordinator, Hi-Lex (Lenawee County)

Parking plays a role

For employers throughout most of the region, land is affordable and plentiful. This means that even if a work site has outgrown available parking, additional spaces can be added. This is a cost, of course, but those interviewed generally do not describe it as a major impact on business. For employers in Washtenaw County, however, especially those located in downtown Ann Arbor, parking is not just a cost but a limitation on growth. Because additional parking is not being added to the downtown area, some of the employers worry about the ability to accommodate future growth.

One of the stipulations is that [potential hires] have to have good transportation, reliable transportation.

Trevor Peitz, VP Sales and Business Development, Export Corporation (Livingston County)



Regional public transit would be beneficial for recruiting

Another example comes from some of the leaders interviewed from growing IT firms in Washtenaw County who say that they have a difficult time recruiting, or that they hire and then lose people from Metro Detroit, even though it is close in terms of distance. Why? Because the auto commute is so unpleasant. They believe that if there were a rail connection it would make the commute easier and have positive impacts on recruiting.

Similarly, in Jackson County, an interviewee from Allegiance Health (the largest employer in the county) believes it would be easier to recruit talent if there were a rail connection to Ann Arbor. And in Hillsdale County, a manufacturer says that it can be difficult to recruit for some positions because the cost of gas and car repairs make the commute expensive, and believes it would be easier to recruit from cities such as Jackson and Battle Creek if employees could commute by bus.

Finally, some say that the lack of public transportation limits recruiting from other areas of the country as well as from nearby parts of the region. In particular, some of the IT employers say they recruit nationally, but that it can be difficult to attract young people to the region in part because the public transportation is poor and they believe Millennials do not want to be so car-reliant. These issues are most often brought up regarding hiring relatively high-skill employees. Yet, the data on jobseekers without a car shows a heavy reliance on public transit when available. Further, the trend analysis shows that Millennials are drawn to places that are dense, walkable, and urban where walking, biking, and transit connect them to employment, basic goods and services, entertainment, and recreation.

There's a ton of talent in Metro Detroit that we just don't have access to because it's too far for them to consider the commute... and that's why we're opening a California office. We've sped up out there because really, the talent is easier for us to pull from given the BART, given the CalTrain, than it is here.

You know, having to split up the company and do more in other places, I wish we could grow more here...We're just very strong supporters of regional transit. I think it would be very helpful if we had trains that went to Detroit, the airport at least, to Grand Rapids, down to Columbus...Our challenge is we just need more access to talent.

Dug Song, CEO, Duo Security (Washtenaw County)

Flex-time, remote workdays, flexible car sharing service

Employers interviewed do provide some options related to remote working when appropriate, but don't see much room to expand those options in some cases due to team-culture, work duty limitations, or in the case of carpool, lack of interest on the part of employees due to limits on flexibility.

In some cases, employers did see potential in car sharing and semi-taxi services as these provide more flexibility than a traditional carpool. However, the concern over long-term costs is similar to those who have challenges of vehicle access and repair over time.

Young people are seeking places that they can work where they don't have to buy a car...So they will choose communities that have excellent public transportation infrastructure. Ann Arbor does pretty good. Southeast Michigan...this is a region that has let the car reign supreme. And so it's a factor, it's a factor in recruiting talent to this region.

Richard Sheridan, CEO, Menlo Innovations (Washtenaw County)

Business leadership learning link between economic development and transportation

Some of the interviewees already see the connection between transportation and economic development; in that they think better public transportation is needed for the economic health of the whole region rather than just their business. A couple of the IT employers also believe that better mid-distance train service would help economic growth by making it easier for them to develop clients in cities such as Chicago and Columbus. However, other interviewees have not considered the impact of transportation on economic development or economic growth overall. Those in urban settings were asked about this idea, and while many were initially unsure, after hearing the idea explained, they say that they can understand how transportation investments could have a positive impact on local businesses and supporting growth. Opportunities exist here for continued education and engagement including implementation of Transportation Demand Management (TDM) Practices in areas with public transportation and parking challenges, to try and alleviate congestion, improve access and promote options to employees through the direct engagement of employers in transportation decisions for employees.



Case study: Regional Transportation for Talent Attraction

Project Name: Green Line Light Rail Line

Partners: Minneapolis, MN; St. Paul, MN; Metro Transit

The Minneapolis-St. Paul metro area—known as the “Twin Cities”—is a model for talent attraction, workforce retention, and economic development in the Midwest. The metro area has an unemployment rate of 4% and is frequently ranked among the top ten in lists of best cities for Millennials.

A combination of good regional policies has led to the Twin Cities’ economic success; however, experts point to investment in public transportation as one of the most transformative tools the region has used to attract talent, provide access to its workforce, and catalyze sustainable job creation. Specifically, the new Green Line, a light rail transit line connecting downtown Minneapolis to downtown St. Paul, connects people of all income levels and racial and ethnic backgrounds to plentiful and diverse job opportunities at existing and newly developing businesses and institutions along the corridor. Since the project commenced, the corridor has seen over \$2.5 billion in development with special attention paid to supporting affordable housing and small businesses through special financing and other programs initiated by the local, regional, and state government.

Arguably one of the most important decisions of the project came when finalizing the light rail route and station locations. At the project’s inception, many community stakeholders were not supportive of the project due to its familiarity with many highway projects that had divided neighborhoods and hindered accessibility. Three additional stations were added to the central portion of the corridor serving African American and Southeast Asian residents who live in those neighborhoods, many of whom commute to the two urban cores.

The Green Line opened in spring of 2014 and has surpassed its ridership projections by over 35%—serving more than one million riders per month.

Sources: Hargreaves, Steve, and Dominic V Aratari. “How the Twin Cities Got Transit Right.” CNNMoney. Accessed April 20, 2015.
Maher, Amanda. “Investing In Urban Economic Development: How the Twin Cities Are Getting It Right.” Initiative for a Competitive Inner City. November 7, 2014. Accessed April 18, 2015.

Case Study: Employer Practices

Partners: Barnes Jewish and St. Louis Children's Hospital and St. Louis Regional Transit

The Transit Tax Benefit Program is a business-initiated program in St. Louis, MO. Through this program, the Barnes Jewish and St. Louis Children's Hospital provides transit pass subsidies for employees, which can be voluntarily deducted through payroll before taxes. Passes are purchased on a monthly basis with a \$20 subsidy covered by the hospital. Over 50 percent of employees participate in the program, with many who travel from the edge of the metro area. In addition to the transit pass subsidies, the hospital provides shuttle service between local transit stations and the hospital for both employees and patients.

Along with transit pass subsidies, the employer also offers participants the following benefits.

- ◆ A guaranteed ride home in the case of emergencies
- ◆ Free shuttle service
- ◆ Ridesharing coordination
- ◆ Secure bicycle parking and showers

The hospital partners with the local transit agency to offer transit-related events which provide the agency an opportunity to connect with employees, share information such as schedule changes and simply answer questions for employees. Hospital officials say the program showcases their dedication to environmental consciousness which has contributed to positive employee recruitment and retention.

Source: "Success Stories of Employer-Sponsored Transportation Programs." *Transportation to Work: A Toolkit For The Business Community*. August 1, 2012. Accessed April 17, 2015.



I do [think public transportation would make a difference]. Because right now if you live in, let's say you live out in Detroit, or Southfield or Troy - there's a lot of talent there, we don't even try recruiting them because the commute always ends up where they quit... I think public transportation would make traffic as a whole better.

IT employer, Washtenaw County

Opportunities to Improve Connections

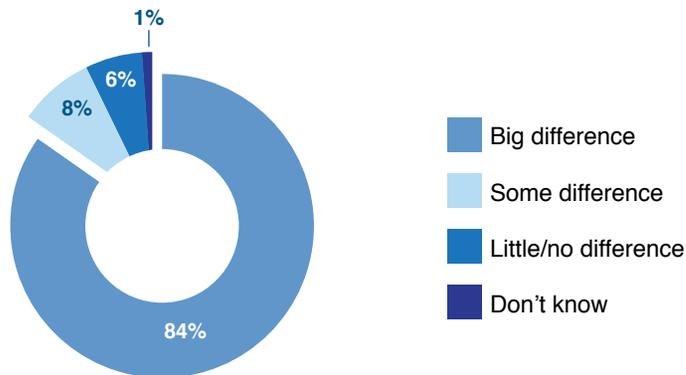
Employers interviewed felt roads are the place to start. Workforce participants surveyed felt the most impact comes from making funds available for vehicle repairs when needed. However both strategies represent short term fixes that have to be reapplied continuously, and lack the ability to provide impactful change over the long term.

A number of the employers who pointed out affordability problems or talent attraction problems for their workforce see better public transportation including commuter rail as part of the solution, including those in rural areas where little public transportation is available now.

Those in urban areas were also asked directly about this issue, and even some who say they are not having problems related to transportation believe their employees would appreciate it if convenient public transportation were available, either for cost reasons or because it would make for a more pleasant commute than driving. Complementary walking and biking infrastructure would help support transportation options such as public transit or regional commuter rail.

Exhibit L:

Expanding programs to help pay for car repairs when workers cannot afford it would make a:



Source: 2015 Region 9 Michigan Works! Customer Surveys

Case Study: Transit Tax Benefit Program

Project Name: Duke Energy's Transit Subsidy Program

Partners: Duke Energy and Charlotte Area Transit System

Duke Energy, with locations in Charlotte, NC; Cincinnati, OH; and Houston, TX, participates in the Internal Revenue Service Qualified Transportation Fringe Benefit program, which allows the company to offer transportation subsidies for qualified employees. The program began in the company's Charlotte location where employees had an average commute time of 40-60 minutes daily.

The program began over ten years ago when the company began offering monthly bus passes and 10-Ride bus passes for a small portion of its workforce that required transportation assistance. In August 2006, the company began offering a \$50 monthly subsidy toward the purchase of transit or vanpool passes—covering the full cost of those services. In just two years, transit use by eligible employees increased from about 0.5% to 16%. When the Charlotte Area Transit System began new light rail service, which employees could utilize using their transit passes, participation in the program increased to about 30 percent.

In fact, feedback from users of the program was so positive in Duke Energy's Charlotte location, the company expanded the program to its Cincinnati and Houston locations. Along with the Transit Subsidy Program, the company also offers several other transportation benefits listed below.

- ◆ Complimentary parking for carpools and vanpools that meet criteria outlined by the program
- ◆ Bike parking and access to shower facilities and lockers
- ◆ Online resources where employees can review the program guidelines, learn about updates, and coordinate rideshare opportunities

Due in large part to these transportation benefits, Duke Energy was named a "Best Workplace for Commuters" by the Environmental Protection Agency and the Department of Transportation attracting workers who increasingly look for employers championing clean air and sustainability practices.

Source: "Success Stories of Employer-Sponsored Transportation Programs." Transportation to Work: A Toolkit For The Business Community. August 1, 2012. Accessed April 17, 2015.

Most workforce respondents said public transportation expansion would help people like them. Although few currently rely on public transit to get to work, large majorities say that adding weekend and evening service and new bus routes would make a “big difference” in helping individuals like them get to work. In addition, they are very enthusiastic about expanding programs to help pay for car repairs and widely supportive of programs to support carpooling and encouraging businesses to locate close to housing and bus routes. Adding new service (weekends, later evenings, and new routes) is viewed as more helpful than increasing frequency on existing routes. It is possible that one reason so few take a bus to work is that the times or routes are not adequate for their needs. In any case, for each proposed service expansion seven in ten or more say that each would make a “big” or “some difference” in helping people like them get to work.

Several of the case studies included present employers taking the lead on ensuring their employees have access to a variety of transportation alternatives. The motives may vary from reducing cost of building parking lots or parking garages and providing an attractive amenity to employees, to ensuring connections to the talent pool companies need to grow and expand. In Region 9, opportunities exist to further engage businesses in conversations and activity around economic development and transportation, either one-on-one, through workforce development councils, chambers of commerce, economic development agencies, and other means to provide improved connections between businesses and jobseekers. Specifically, working with employers to provide van or other direct transportation service, assisting employees with gaining access to transportation options through transit passes, car sharing, preferred parking, guaranteed ride home, and other means as shown in the best practices, will benefit employees and jobseekers alike. As mentioned by jobseekers, location decisions for companies that locate new or expanding businesses in central locations near housing, transit, bicycling and pedestrian facilities allowing current and future employees expanded options for connecting to work.

Workforce agencies should look for opportunities to partner with larger employers, Metropolitan Planning Organizations (MPOs), and other regional planning groups to work toward more permanent improvements to transportation options for those most in need, low-income jobseekers lacking vehicles.

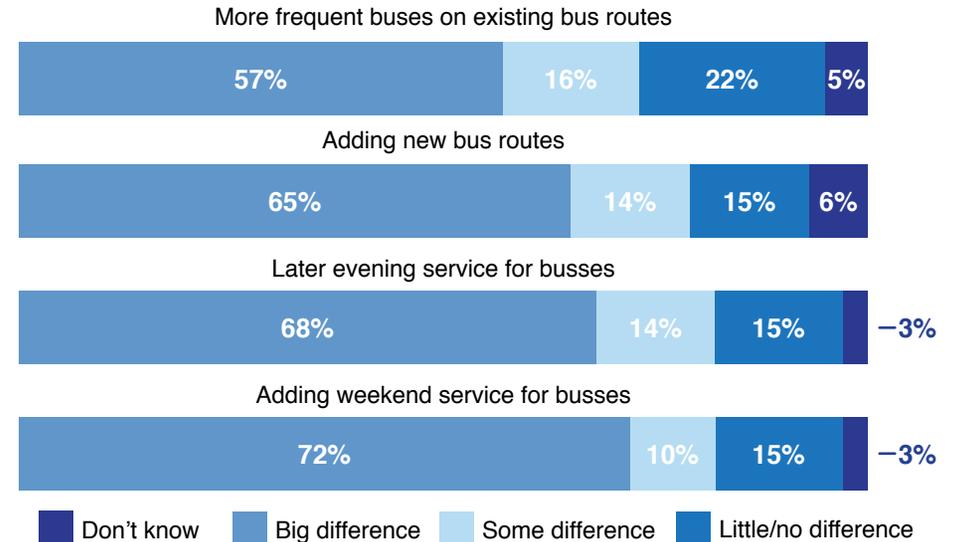
Next Steps

The surveys, interviews, and best practices all show areas where Region 9 can work to align transportation investments with workforce and talent needs. Opportunities exist within Region 9 to provide long-term solutions through targeted transportation investments in public transit, complete streets, regional commuter rail, and improved road conditions:

- ◆ Educate employers on ways to provide transportation options to employees, either on their own or in partnership with workforce, economic development, and/or transportation agencies
- ◆ Work for longer-term public transit solutions and measure progress, keeping in mind that existing service may need tweaks to accommodate workers’ schedules with expanded daily and weekend hours
- ◆ Keep existing workforce programs that connect the most vulnerable job seekers to employment with additional support to make sure jobs are retained over time

Exhibit M:

Perceived impact of bus service expansion on ability to get to work



Source: 2015 Region 9 Michigan Works! Customer Surveys

I would love to see a more robust public transportation system connecting Jackson to other major cities...For us, I think it would make us more accessible to our office staff, make it more productive. And I think it increases the safety of the commute.

Health Care Employer (Jackson County)

As a region, we have options and opportunities to partner on enhancing transportation options for all. Partnerships and collaboration provide part of the means to make connections stick. Bringing the transportation agencies into the mix will be essential for long-term changes. To start that conversation, a proposed benchmarking matrix follows.

Understanding the many opportunities to connect residents to jobs and employers to talent, below is suggested benchmarking for Region 9 using a handful of key indicators to allow the region to monitor results of changes in policy, funding, and focus over the coming years.

Exhibit N: Benchmarking Transportation and Economic Development Performance

County	Average commute time (min.)	Worker population	Jobless rate	Population. w/in half-mile to fixed-route transit	% of Federal-aid roads: Good	% of Federal-aid roads: Fair	% of Federal-aid roads: Poor	% requests for transportation help	% of budget used on transportation help	Total transportation requests
Hillsdale	25	19,214	7%	0	17.5%*	40.4%*	42.1*	92%*	75%*	37,929*
Jackson	23.2	66,254	6.6%	57,120	17.5%*	40.4%*	42.1*	92%*	75%*	37,929*
Lenawee	26.2	44,152	6.4%	0	17.5%*	40.4%*	42.1*	92%*	75%*	37,929*
Livingston	31.8	86,089	6.7%	0	15.8%	37.9%	46.2%	80%	70%	5,020
Monroe	24.7	68,007	6.1%	35,045	12.1%	45.2%	41.3%	76%	60%	4,944
Washtenaw	22.6	163,823	4.8%	220,366	20.7%	42.8%	36.4%	85%	78%	7,890
State	24		7.3%							
Region 9	25.8	447,539			17.3%	41.4%	41.3%			

Data source:	2006-2010 ACS	2006-2010 CTPP and workers by county	2014 Bureau of Labor and Statistics	Region 2, WATS, and SEMCOG	Asset Management data collection program.	Asset Management data collection program.	Asset Management data collection program.	Michigan Works! Service Centers, Region 9	Michigan Works! Service Centers, Region 9	Michigan Works! Service Centers, Region 9
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*combined data for Hillsdale, Jackson and Lenawee counties