

Region 8 Prosperity Meeting

The Seven Counties of:

Berrien, Branch, Calhoun, Cass,
Kalamazoo, St. Joseph, Van Buren

July 2, 2015

Today's Agenda

1. Introduction of the RPI Infrastructure Goal
2. Overview of the RPI Subcommittee process
3. Review of the Infrastructure Asset Inventory
4. Review the results of the Infrastructure Survey
5. Identify potential project areas to advance the Prosperity Plan's Infrastructure goal

RPI Infrastructure Goal

Goal: Encourage expansion and improvement of regional infrastructure

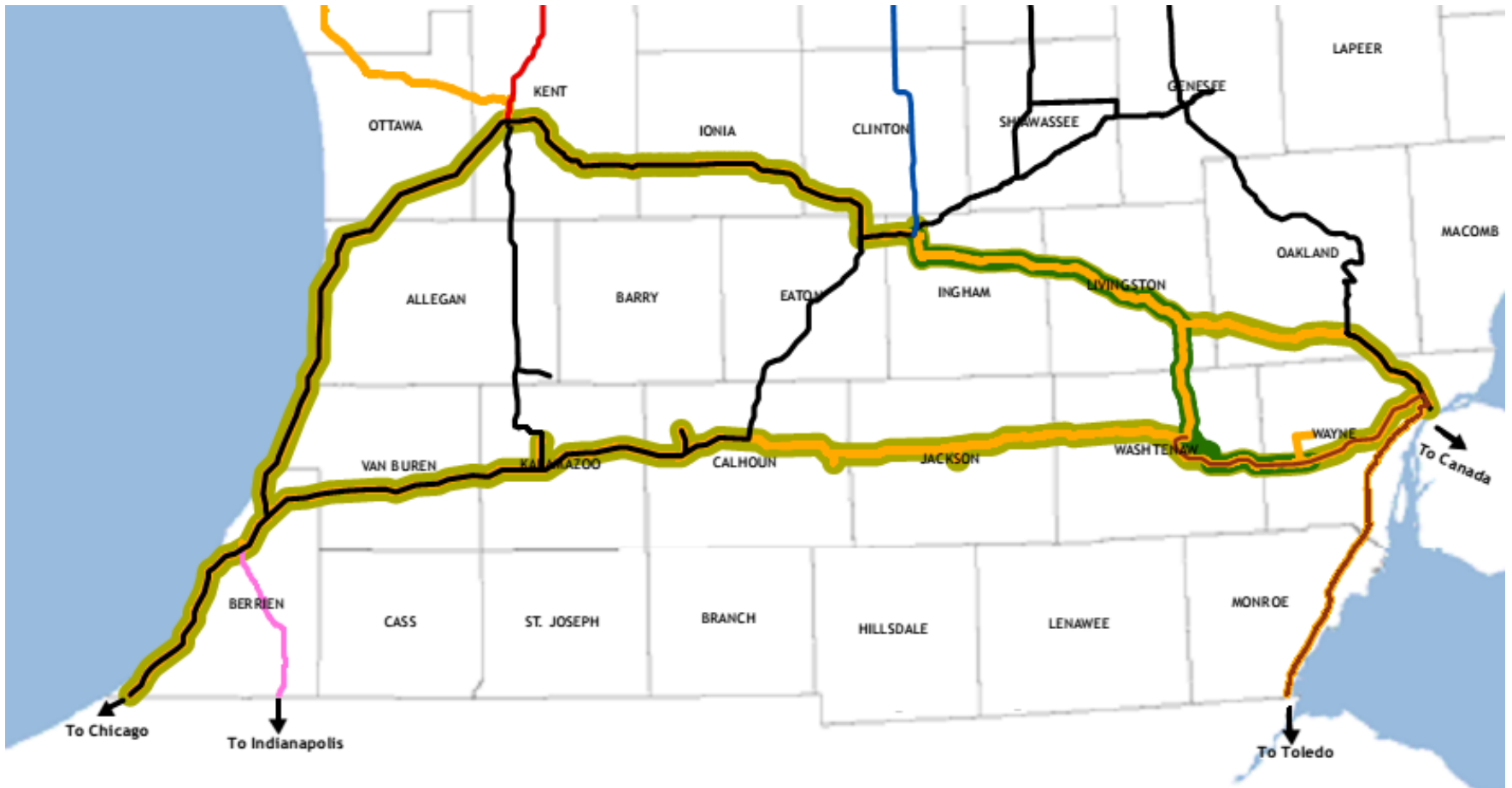
Opportunities:

- Advance the effective and efficient transportation of goods
- Advance the effective and efficient transportation of people
- Assist in cultivating a comprehensive telecommunication system
- Explore and promote a sustainable and economically competitive approach to energy supply
- Facilitate a collaborative approach to municipal infrastructure

Subcommittee Process

- The RPI Infrastructure Subcommittee will meet to:
 - discuss the feedback provided at this meeting
 - Recommend project areas to the full committee
- After the full Committee selects project areas:
 - Send out a letter of inquiry to interested organizations
 - Issue RFPs to organizations that had appropriate projects listed in their responses to the LOI
 - Full Committee will select projects to receive funding

RPI Region 8: Infrastructure Assets & Survey



- Megabus Bus Routes
- Greyhound
- Straits Bus Route
- Indian Trails Bus Route
- Miller Trailways Route
- Indian Trails (Michigan Flyer Service)

INTERCITY BUS SERVICES

Michigan Department of Transportation
May 2014



RAILROADS OPERATING IN MICHIGAN

- CN Canadian National Railway
- CSX CSX Transportation
- NS Norfolk Southern Railway
- Other Railroads

MICHIGAN'S RAIL ROAD SYSTEM

Michigan Center for Shared Solutions
 Department of Technology, Management, and Budget



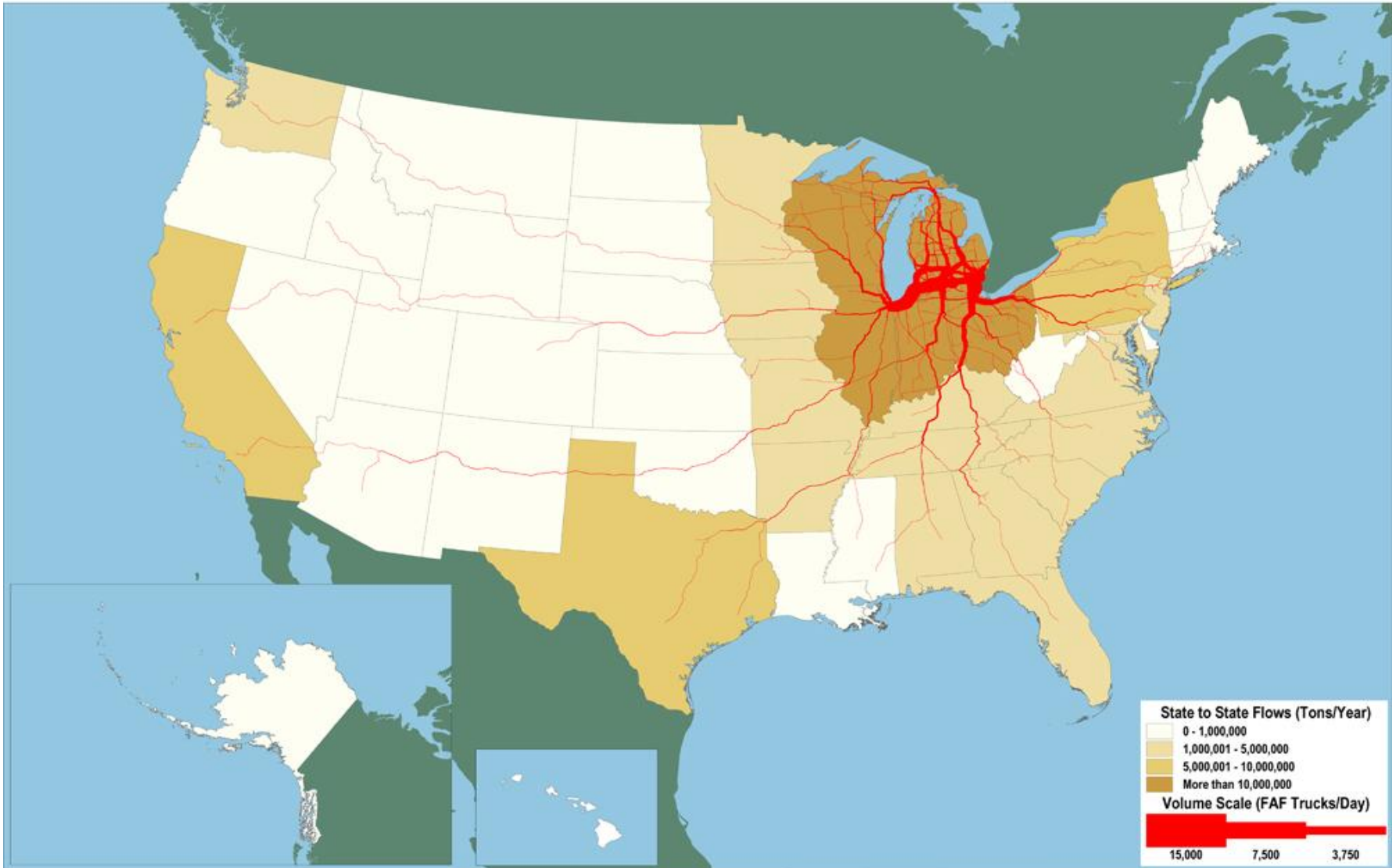
- PASSENGER RAIL SERVICES**
- Pere Marquette
 - Blue Water
 - Wolverine
 - Thruway Motorcoach Connections
 - Station

MICHIGAN'S INTERCITY PASSENGER RAIL SYSTEM

Michigan Department of Transportation October 2014

Freight Movement

Major Flows by Truck To, From and Within Michigan: 2010



Note: Major flows include domestic and international freight moving by truck on highway segments with more than twenty five FAF trucks per day and between places typically more than fifty miles apart.

Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.4, 2012.

Projected Freight Movement

Major Flows by Truck To, From, and Within Michigan: 2040

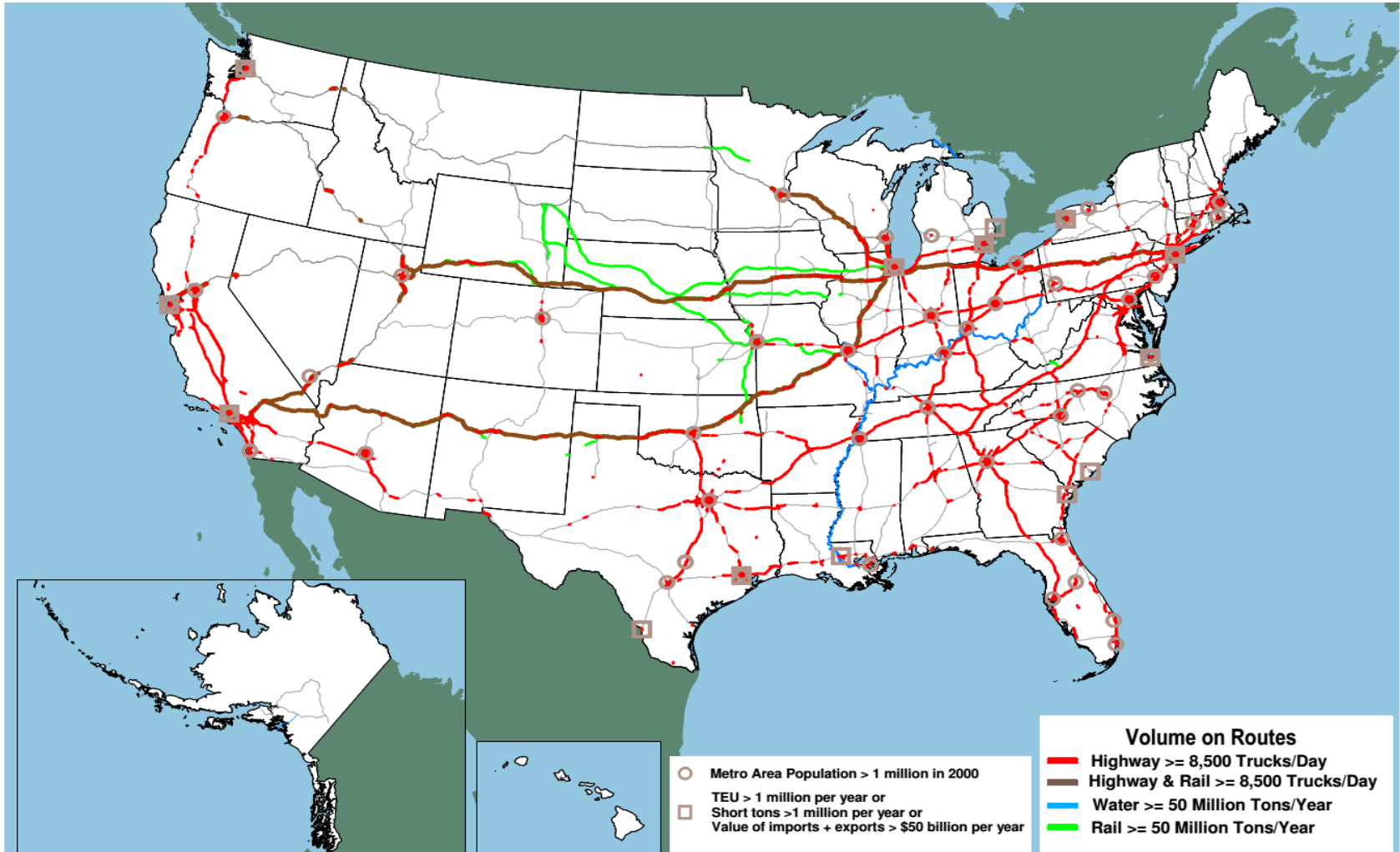


Note: Major flows include domestic and international freight moving by truck on highway segments with more than twenty five FAF trucks per day and between places typically more than fifty miles apart.

Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1.2, 2011.

Freight Mode Distribution

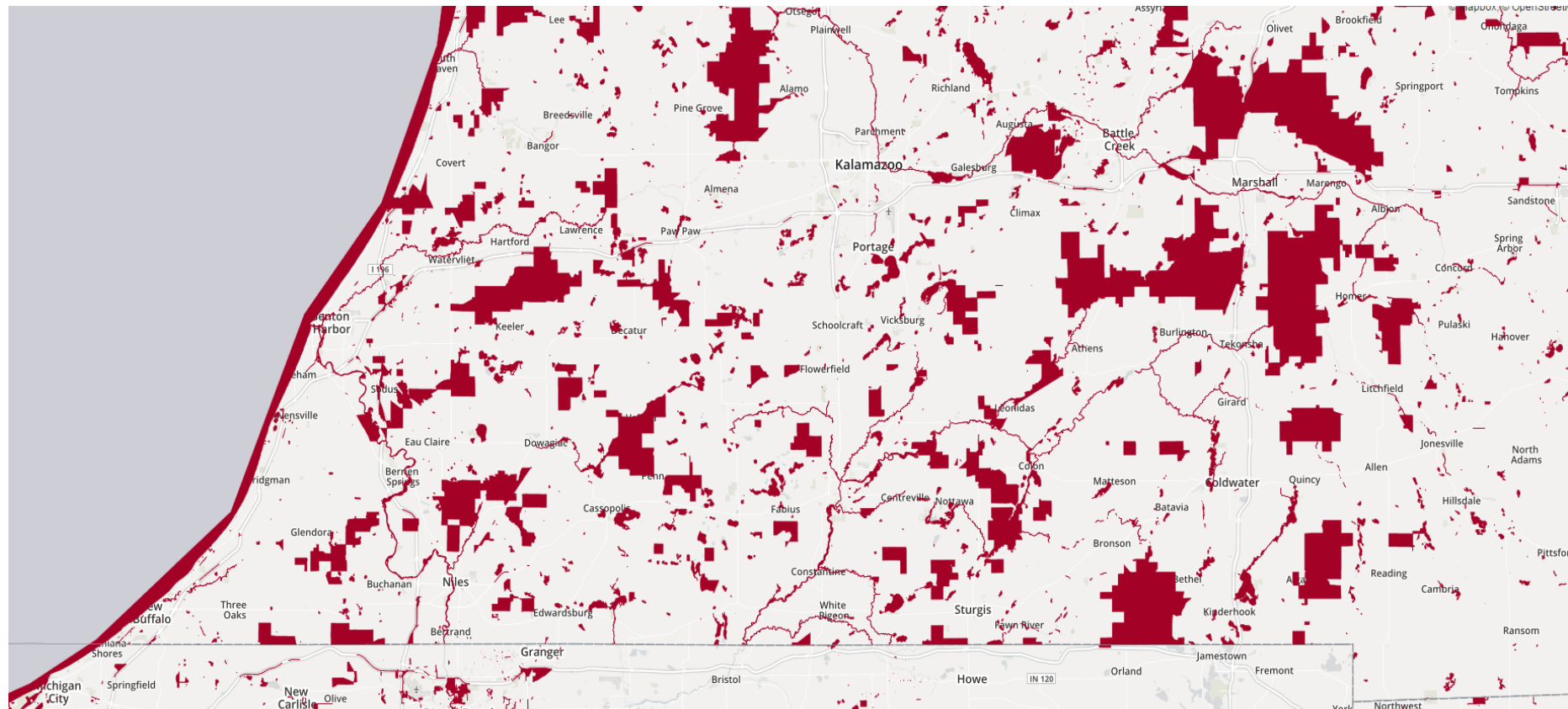
Components of Major Freight Corridors



Note: Highway & Rail is additional highway mileage with daily truck payload equivalents based on annual average daily truck traffic plus average daily intermodal service on parallel railroads. Average daily intermodal service is the annual tonnage moved by container-on-flatcar and trailer-on-flatcar service divided by 365 days per year and 16 tons per average truck payload.

Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, 2008.

Areas without Broadband Internet Access

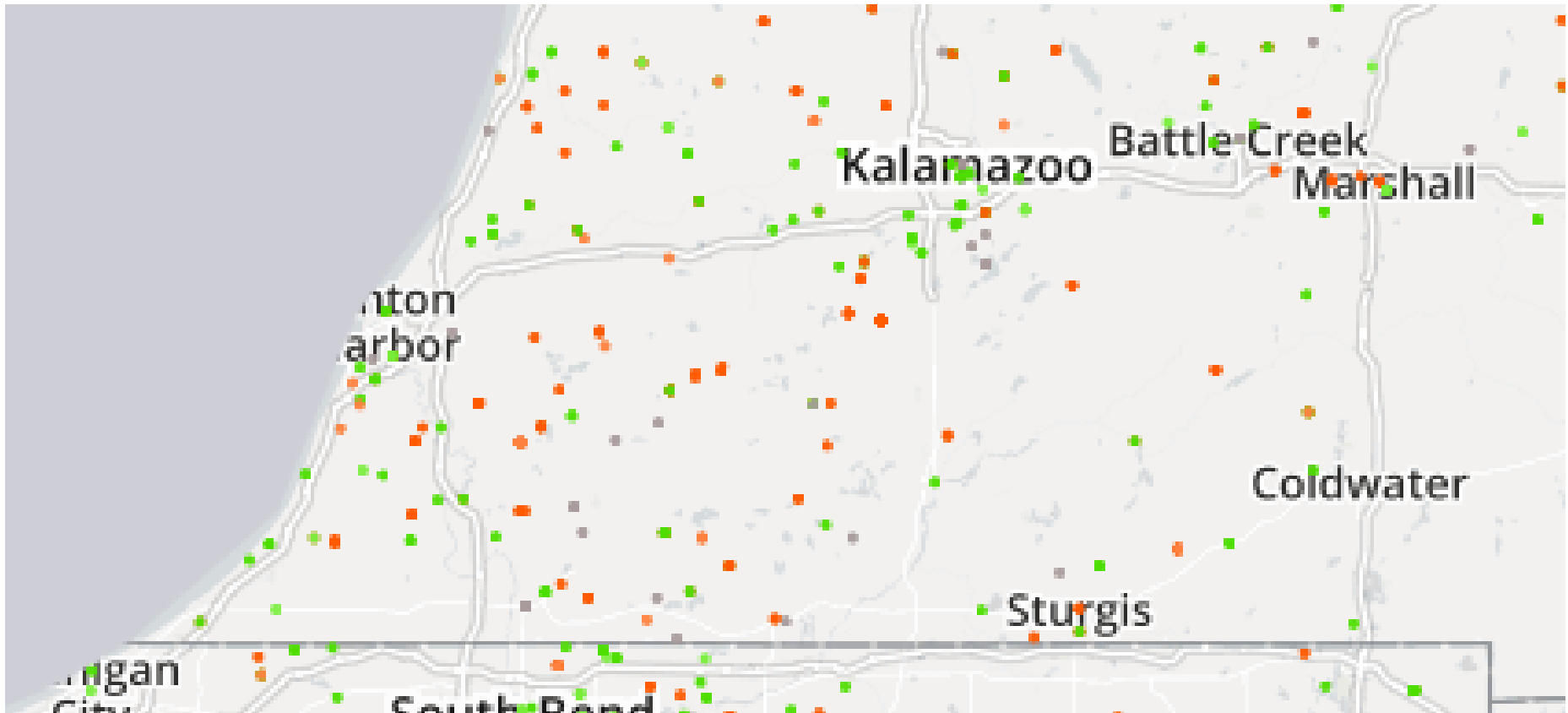


The National Broadband Map
6/30/2014

Crowdsourced User Feedback

Data as of: 06/30/14

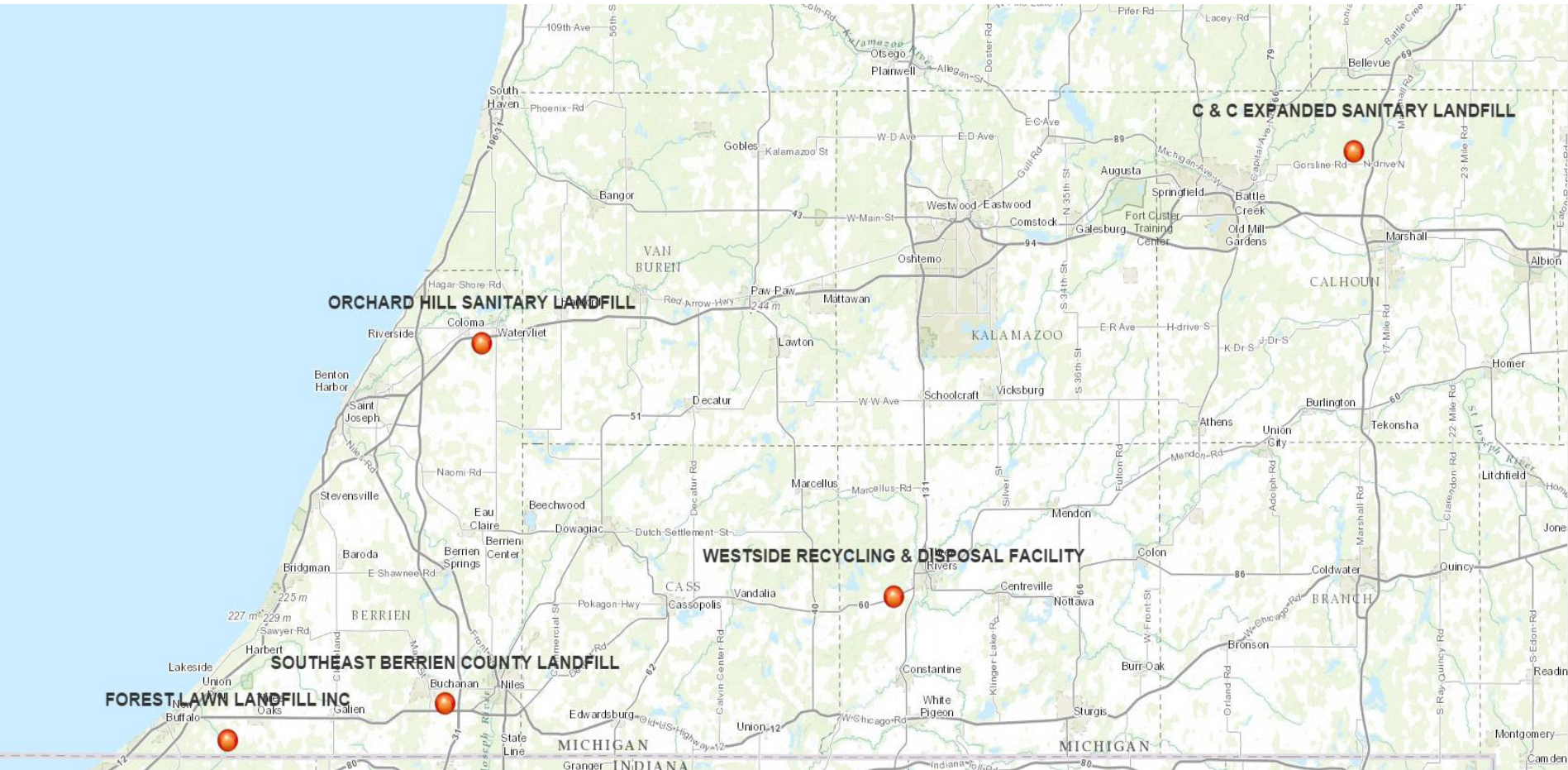
Provider confirmation ● Yes ● No Speed confirmation ● Yes ● No
Provider Not listed ●



The National Broadband Map

6/30/2014

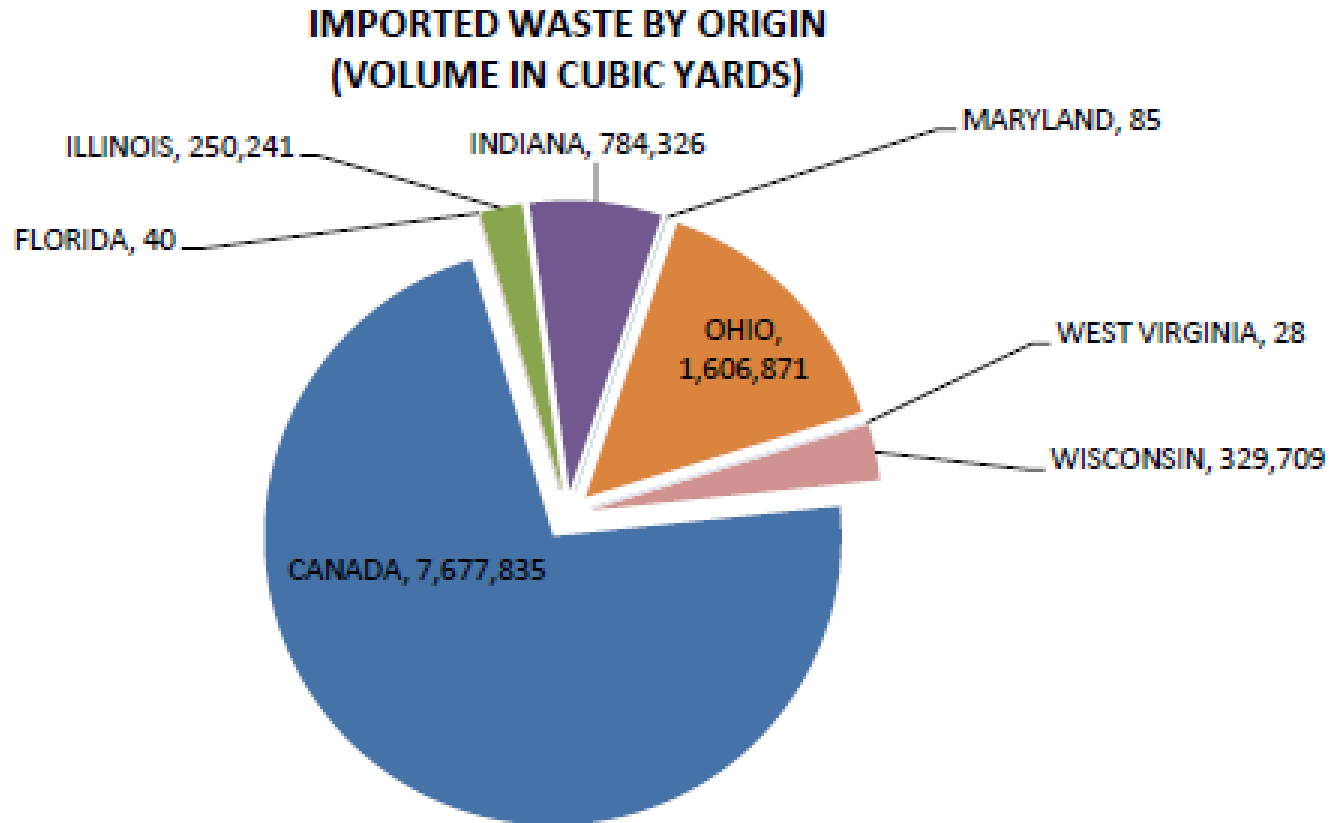
Active Solid Waste Landfills



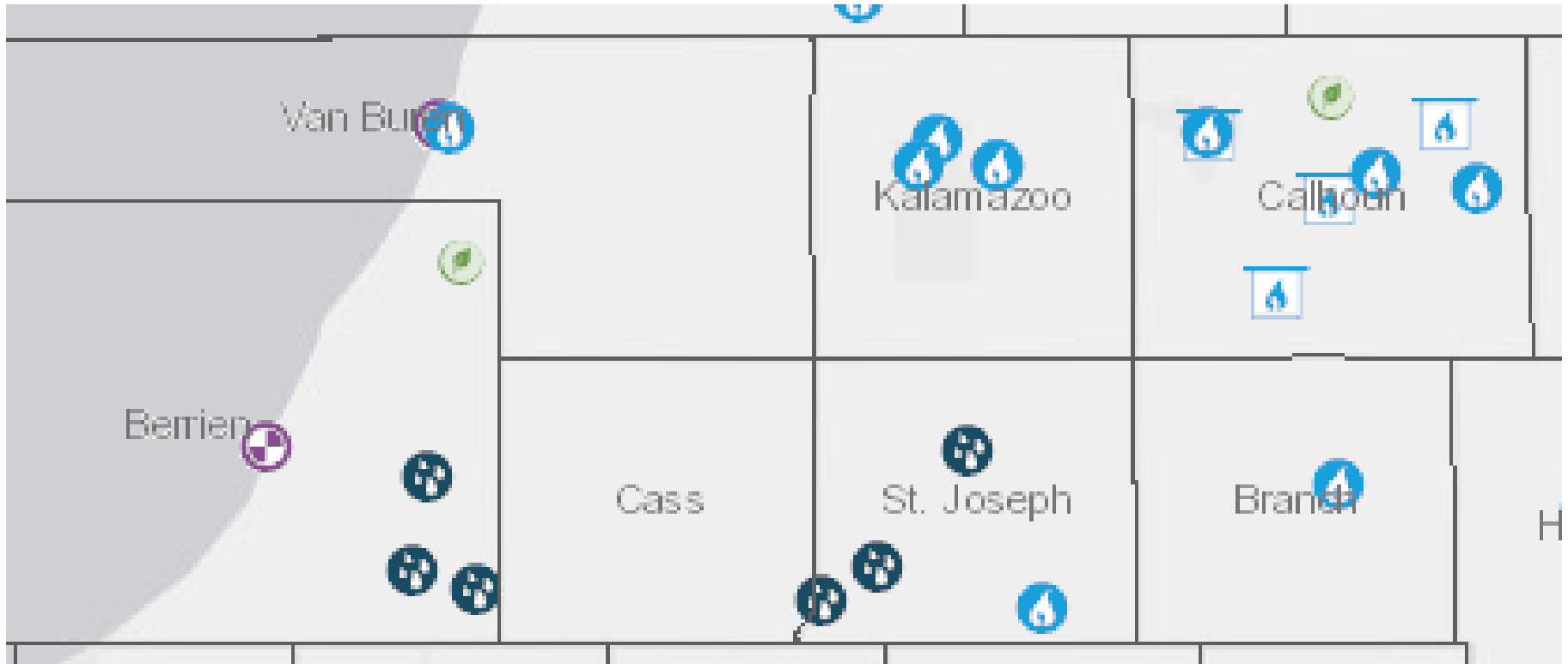
Landfill Capacities & Lifespans





Facility	Remaining Capacity	Capacity Used in 2014	Projected Years of Remaining Capacity	Calculated Yrs of Remaining Capacity
C & C Expanded	2,311,822	507,705	4	5
Forest Lawn	641,648	387,991	2	2
Orchard Hill	17,630,087	229,055	77	77
Southeast Berrien	4,854,326	986,187	23	5
Westside Recycling & Disposal	37,735,372	376,392	115	100

Michigan Landfill Imported Waste by Origin



Energy Production



-  Hydroelectric Power Plant
-  Natural Gas Power Plant
-  Nuclear Power Plant
-  Biomass Power Plant

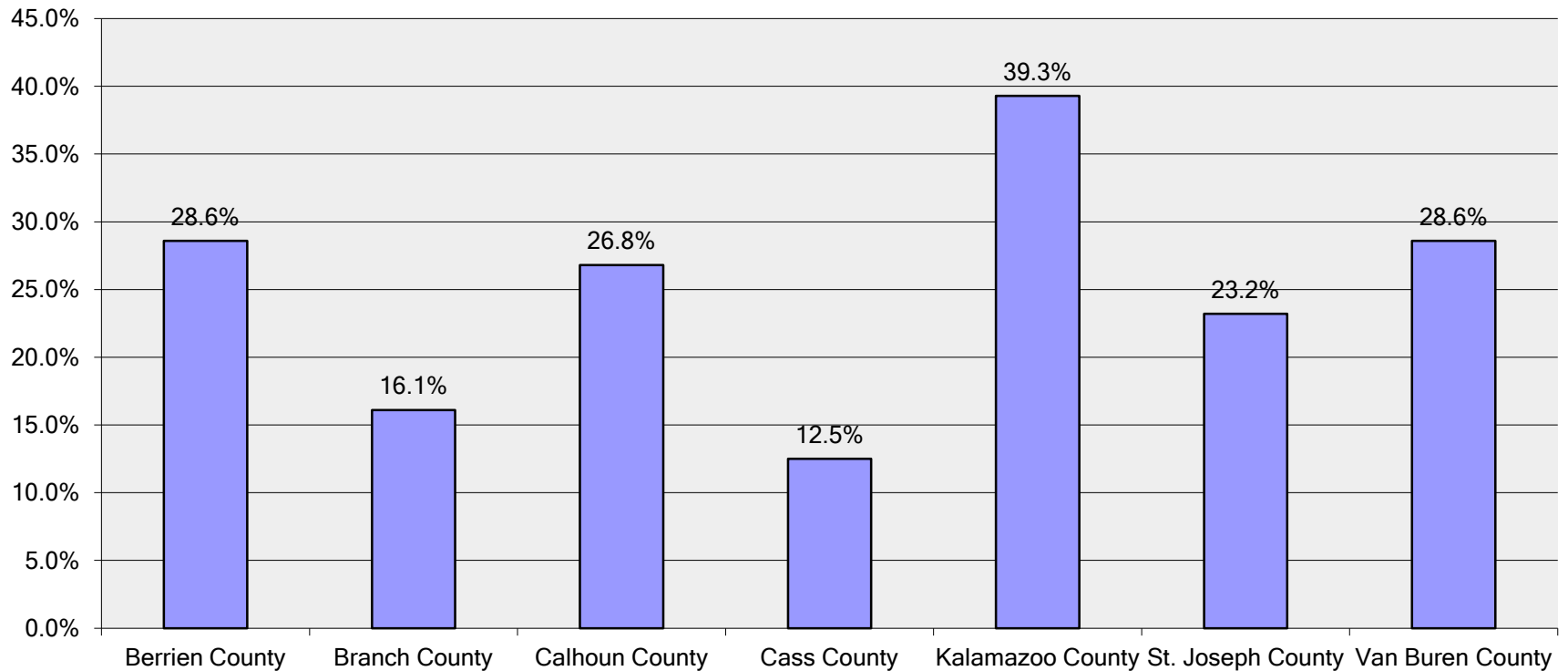
U.S. Energy Information Administration (EIA)

Survey Results

- Survey sent to around 250 organizations in the region
 - Organizations ranged from municipalities to for profit consulting firms to non-profit and for profit service providers
- 59 responses to the survey
 - Approx. 24% response rate

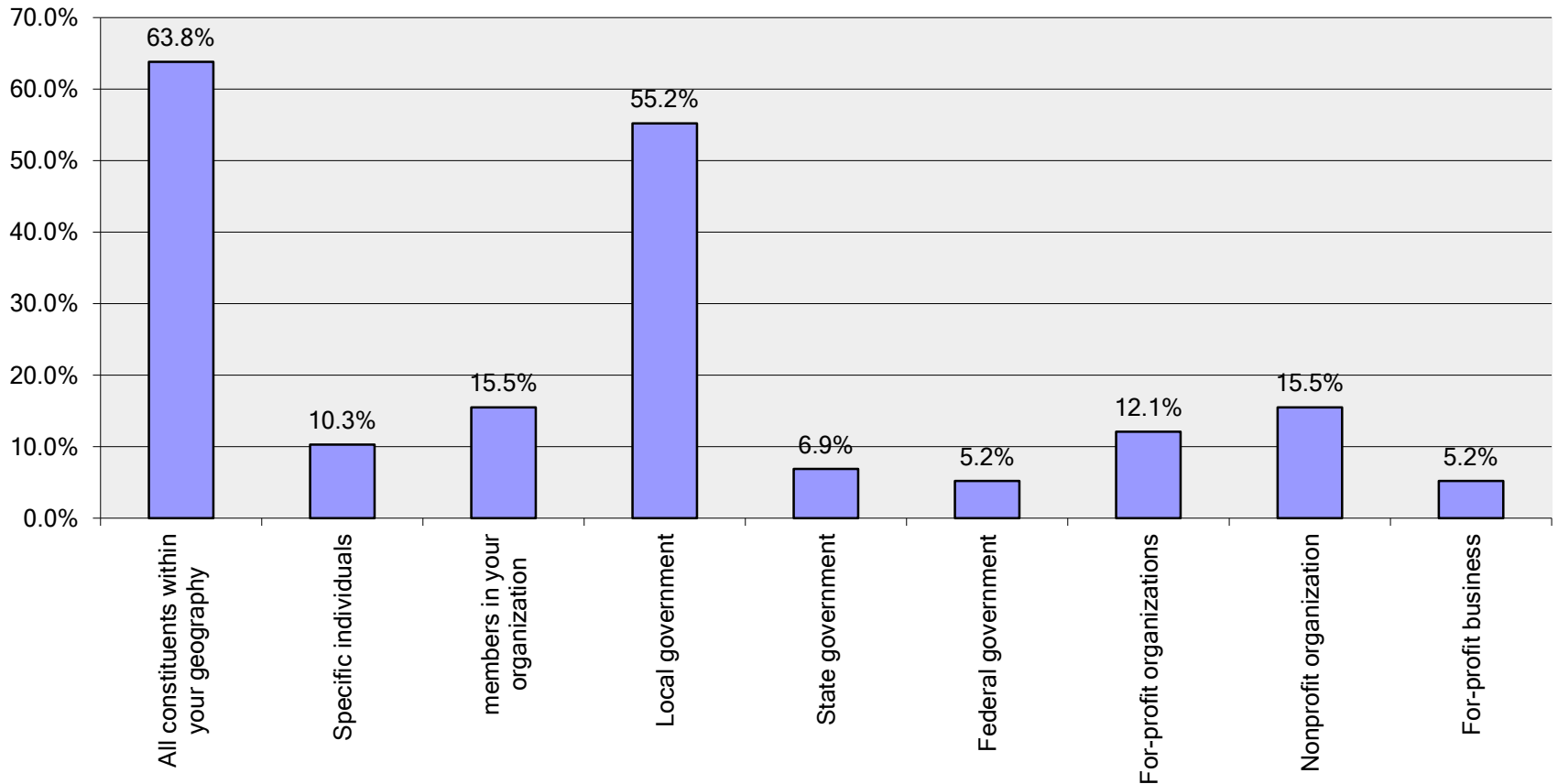
Survey Results - Q1

Which counties does your organization serve?



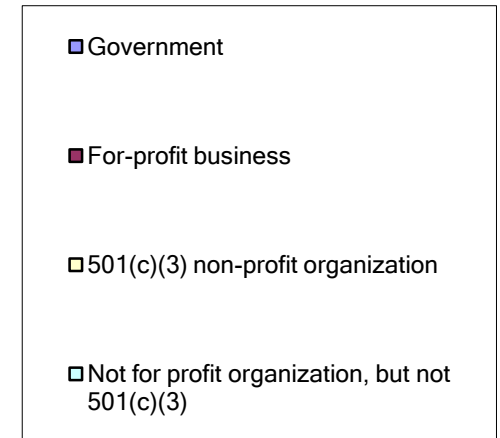
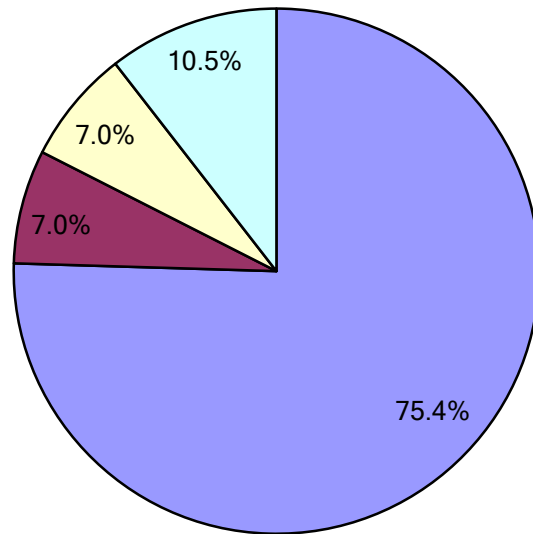
Survey Results - Q2

Who does your organization Serve?



Survey Results – Q3

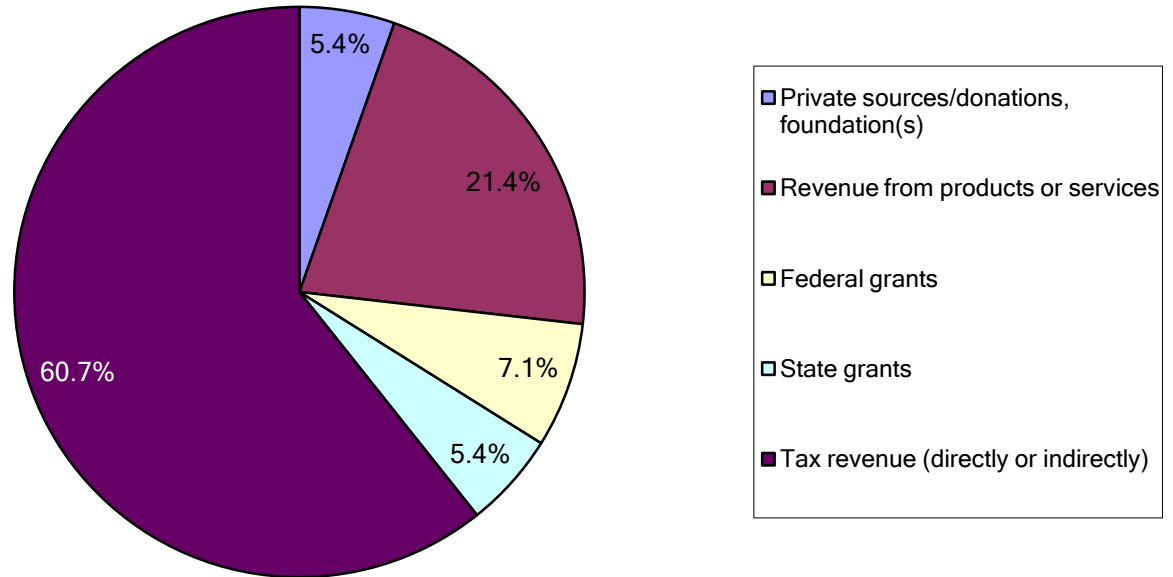
What is the nature of your organization?



Government	75.4%
For-profit business	7.0%
501(c)(3) non-profit organization	7.0%
Not for profit organization, but not 501(c)(3)	10.5%

Survey Results – Q4

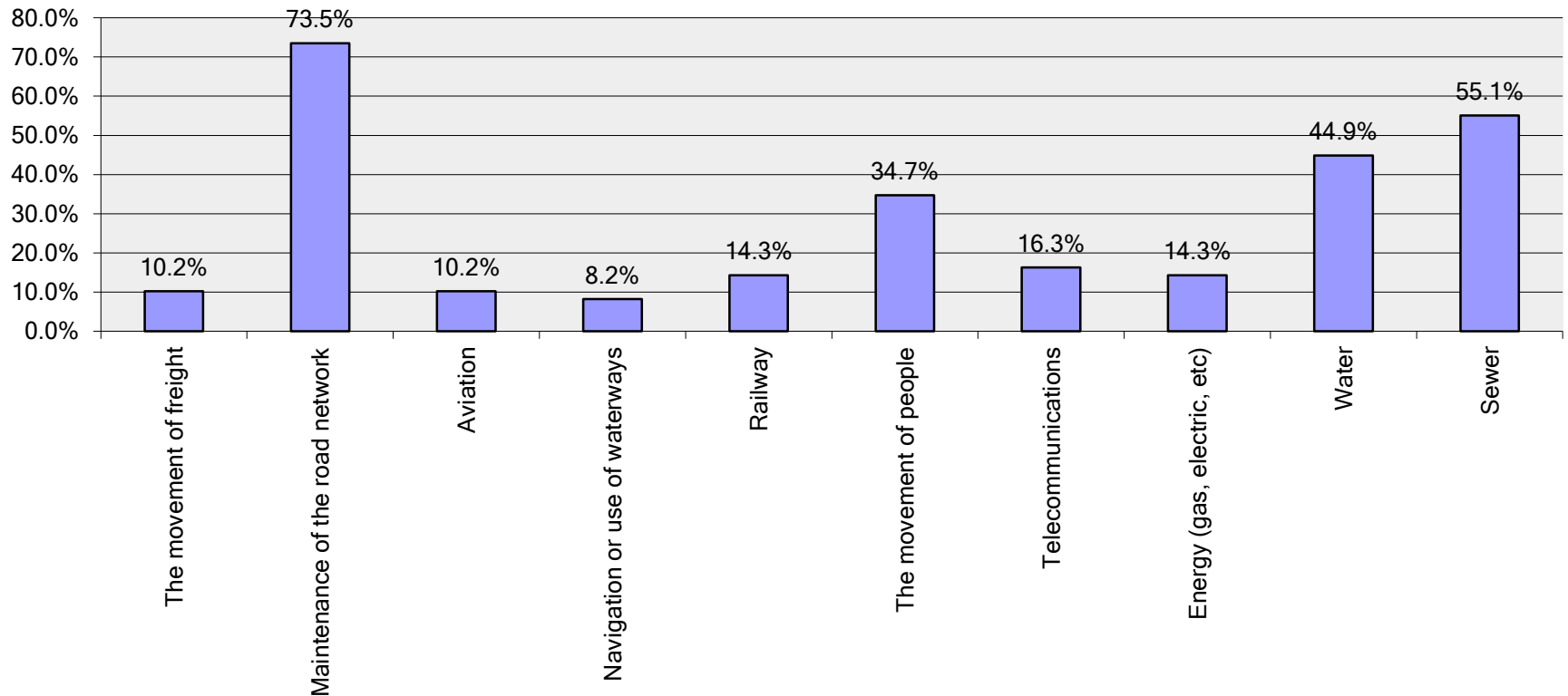
Where does the majority of your funding come from?



Private sources/donations, foundation(s)	5.4%
Revenue from products or services	21.4%
Federal grants	7.1%
State grants	5.4%
Tax revenue (directly or indirectly)	60.7%

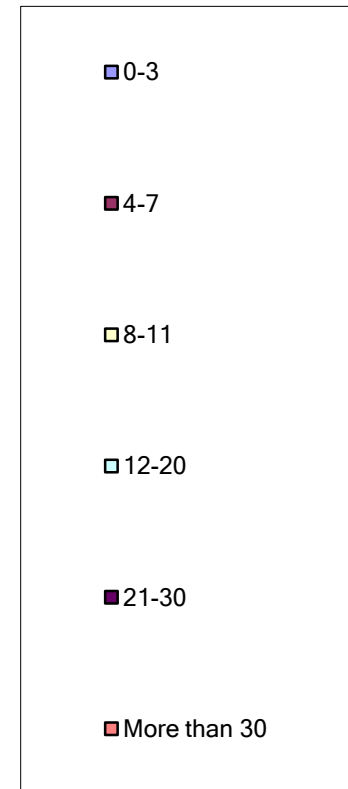
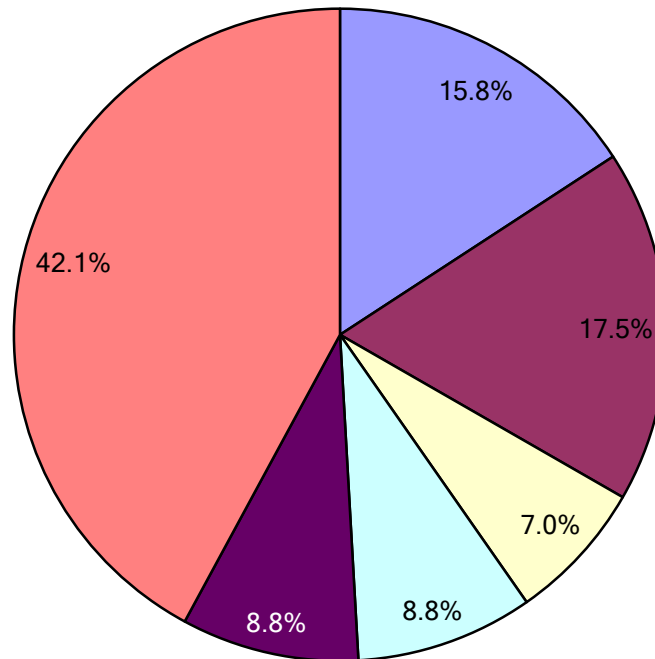
Survey Results – Q5

- In the last five years has your organization worked in any of the following areas?



Survey Results – Q6

How many paid staff positions (part or full-time) are there within your organization?

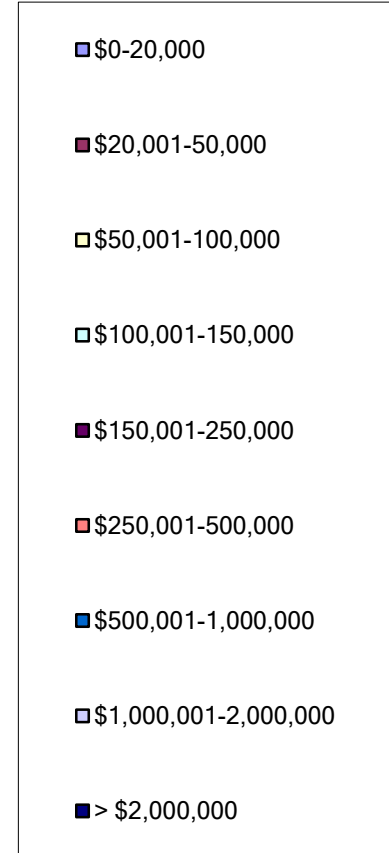
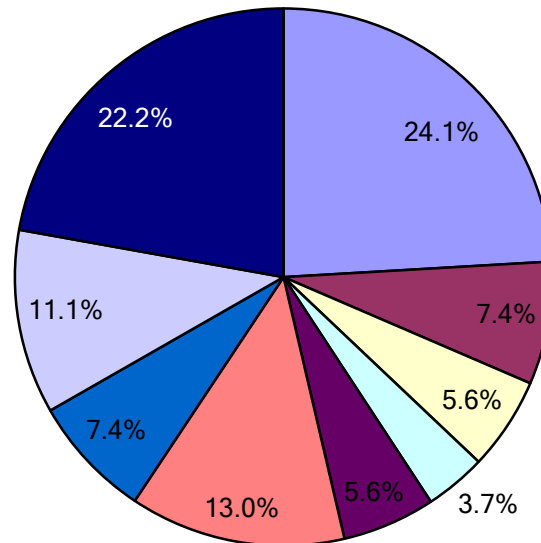


0-3	15.8%
4-7	17.5%
8-11	7.0%
12-20	8.8%
21-30	8.8%
More than 30	42.1%

Survey Results – Q7

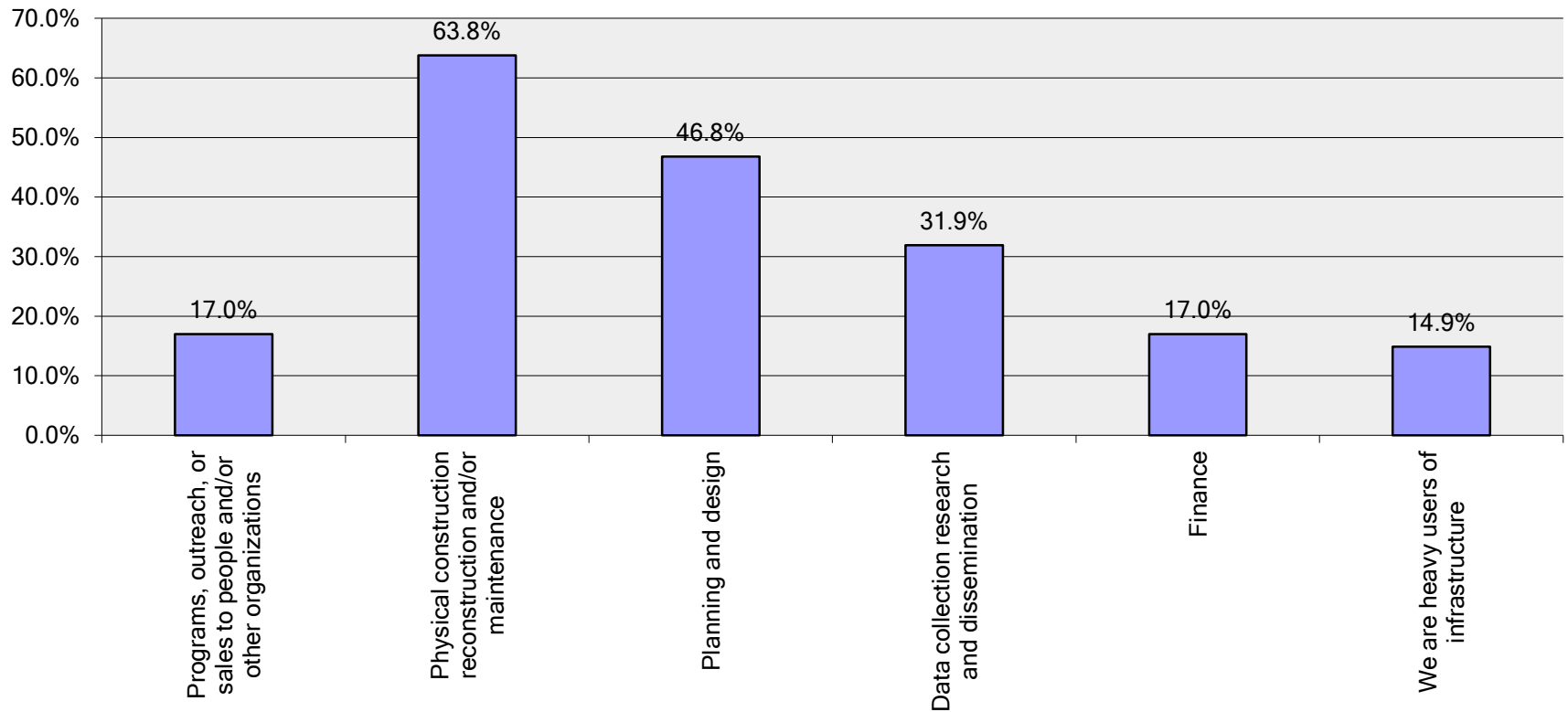
In 2014, how much was invested through your organization for infrastructure activities within the 7-county region?

\$0-20,000	24.1%
\$20,001-50,000	7.4%
\$50,001-100,000	5.6%
\$100,001-150,000	3.7%
\$150,001-250,000	5.6%
\$250,001-500,000	13.0%
\$500,001-1,000,000	7.4%
\$1,000,001-2,000,000	11.1%
> \$2,000,000	22.2%



Survey Results – Q8

How would you classify the infrastructure work your organization does?



Survey Results – Q9

What are your organization's top infrastructure priorities?

First word Given

Water Facilities **Streets** Transit **Roads** Sewers
Transportation Development **Safety**

Survey Results – Q9

What are your organization's top infrastructure priorities?

Second word Given

Access Funding **Water** Crossings **Sewer**
Reconstruction **Roads**

Survey Results – Q9

What are your organization's top infrastructure priorities?

Third word Given

Public_{Water} Sewer Roads

Survey Results – Q9

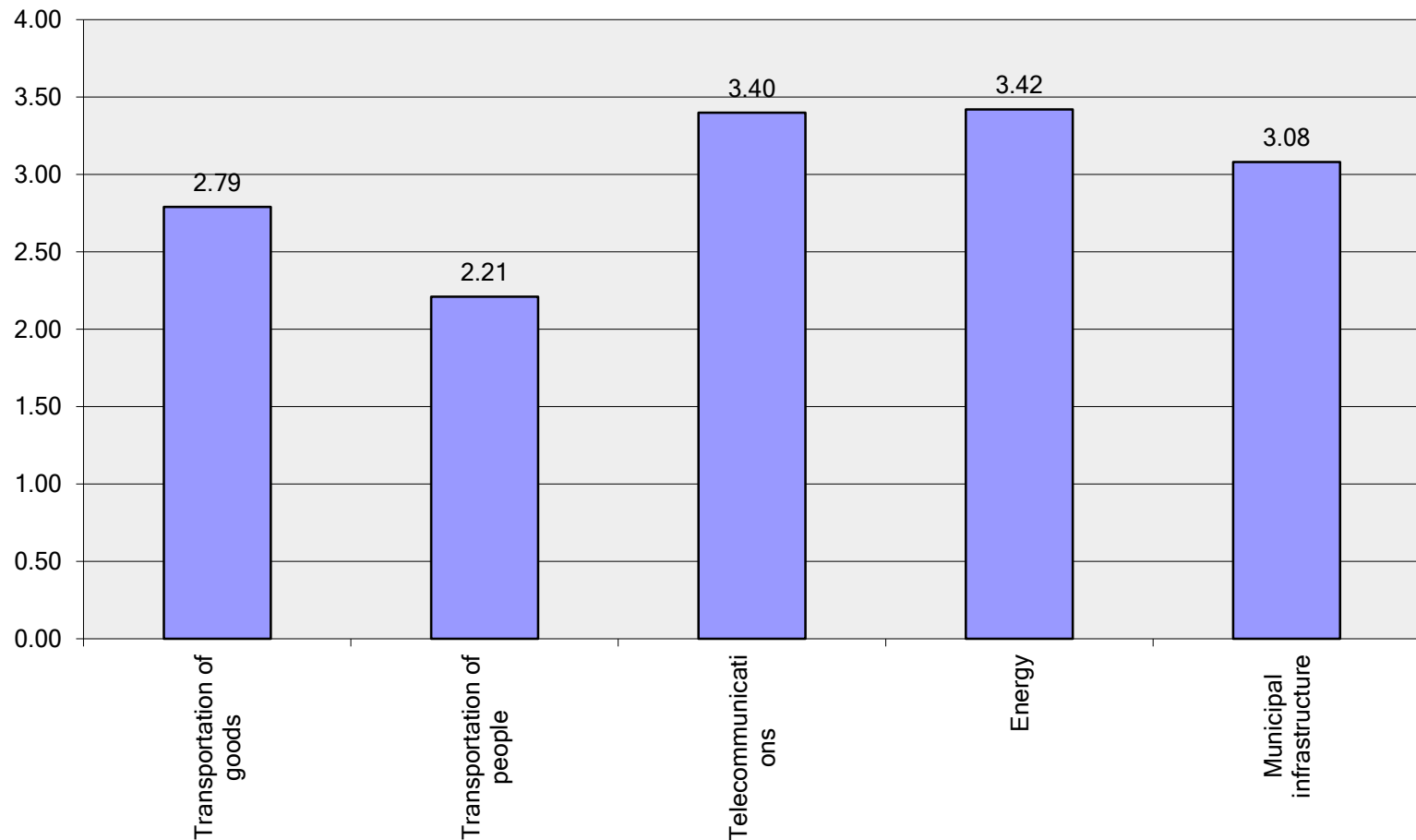
What are your organization's top infrastructure priorities?

Fourth word Given

Public Water **Facilities** Storm Sewer

Survey Results – Q10

Rank the Opportunities in the Prosperity Plan



Survey Results – Q11

How can RPI improve infrastructure in SW MI?

Existing Support **Transportation** Access
Infrastructure Government **Funding**
Focus **Roads** Instead Money **Regional**

Project Area Identification