



GOODHUE COUNTY MINNESOTA

TO EFFECTIVELY PROMOTE THE SAFETY, HEALTH, AND WELL-BEING OF OUR RESIDENTS

COMMITTEE OF THE WHOLE AGENDA
COUNTY BOARD ROOM
GOVERNMENT CENTER
RED WING, MN

JUNE 4, 2019
3:30 P.M.

1. MnDOT Construction Program Planning.

Documents:

[MNDOT Construction Program Planning.pdf](#)

2. Trust for Public Lands Purchases and Transfers.

Documents:

[TPL Land Transfer.pdf](#)

3. Medical Examiners Report

Documents:

[Goodhue County 2018 Annual Report.pdf](#)

GOODHUE COUNTY DEPARTMENT OF PUBLIC WORKS



Gregory Isakson, P.E.
Public Works Director/County Engineer

2140 Pioneer Road
Red Wing, MN 55066
PHONE 651.385.3025
FAX 651.267.4883
www.co.goodhue.mn.us

HIGHWAYS ♦ PARKS ♦ SOLID WASTE

TO: Honorable County Commissioners
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 04 Jun Committee of the Whole Meeting
MnDOT Outreach Presentation

Date: 29 May 19

Heather Lukes and Kurt Wayne from MnDOT District 6 Planning will give the Board an update on the District's construction program and planning.



MnDOT District 6 County Outreach

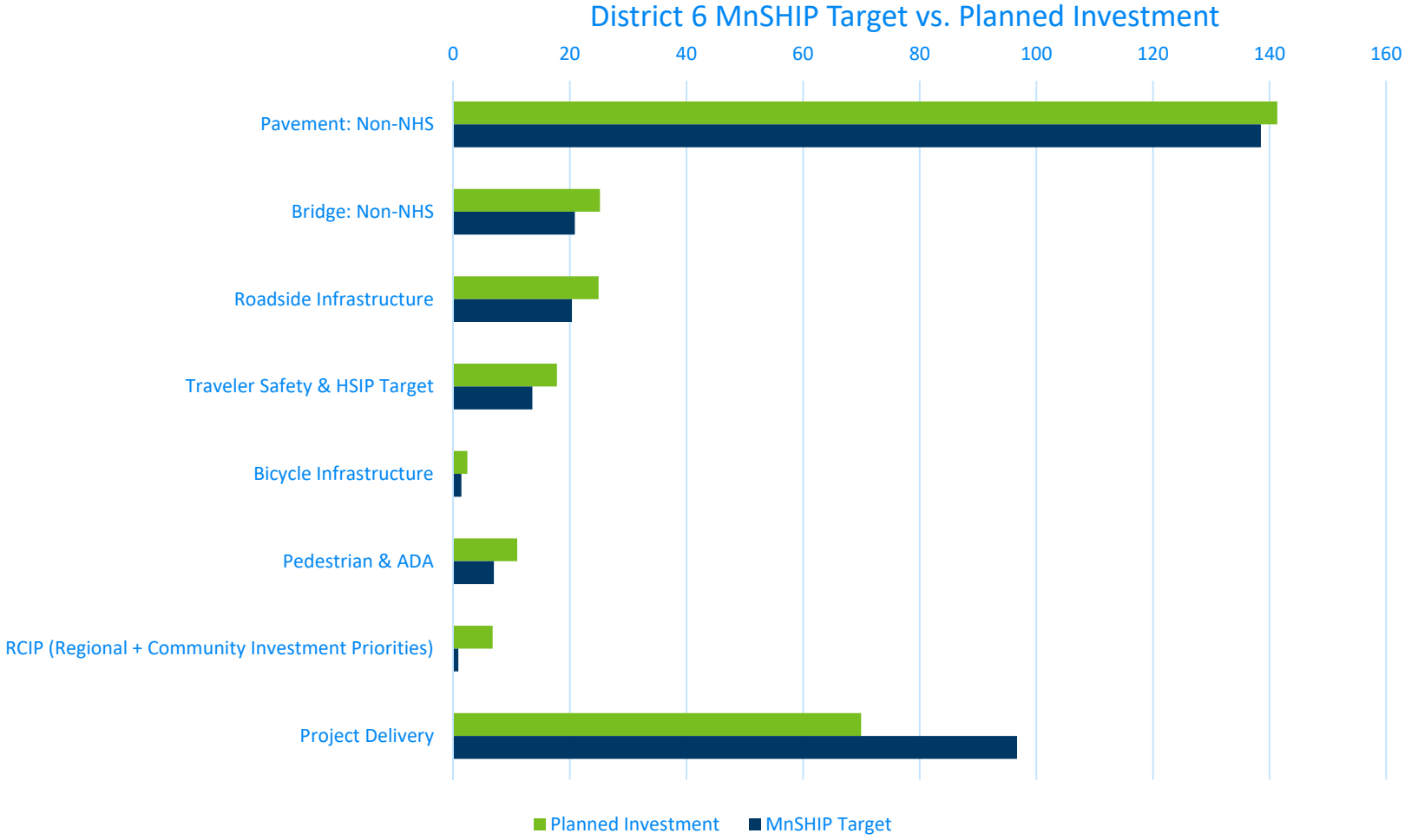
Goodhue County

June 4th, 2019

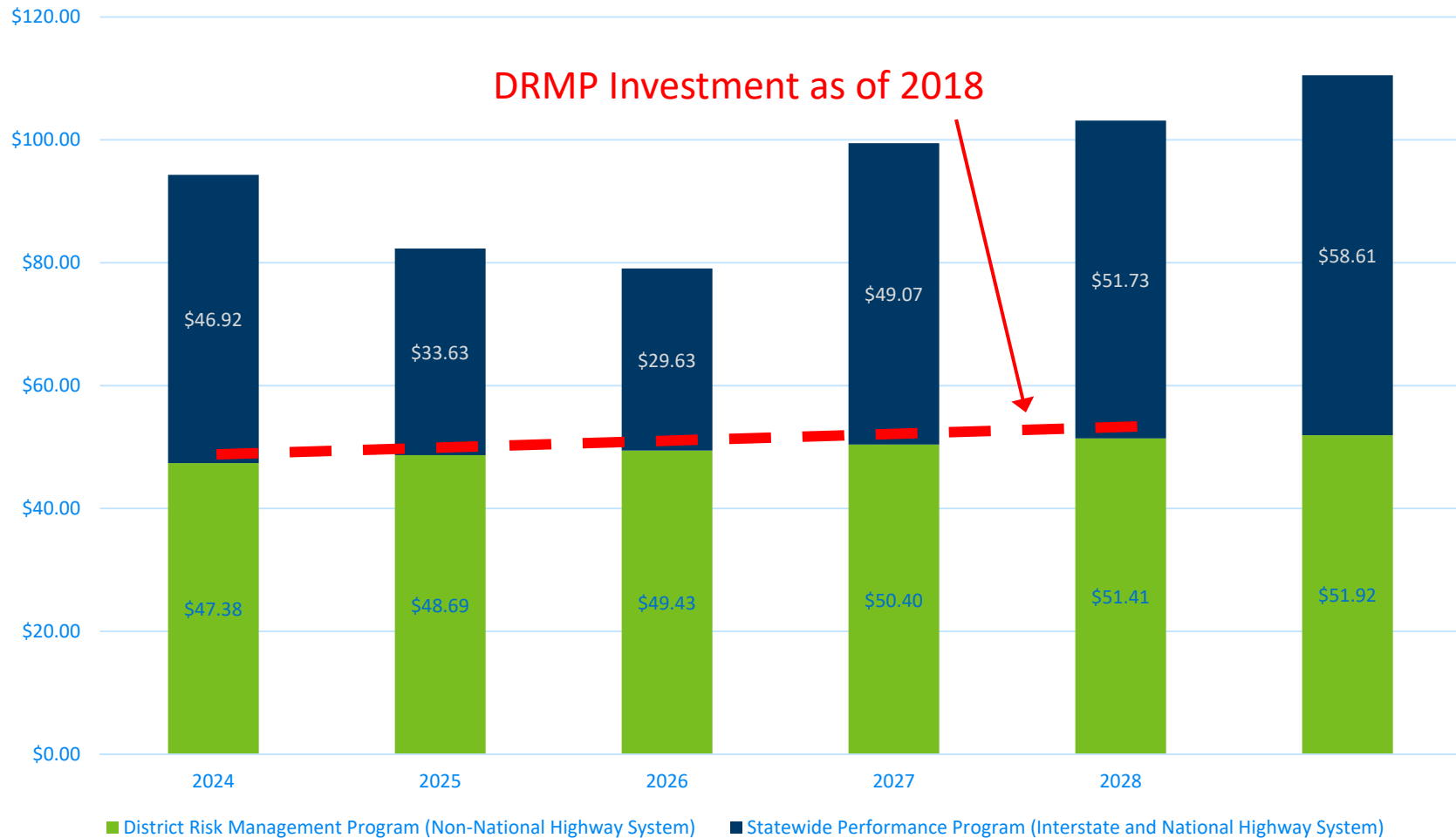
Agenda

- **New STIP/CHIP funding projections**
- **Future MnDOT projects**
- **2019 construction projects**
- **Ways to stay informed**

Funding Targets and Investment



Projected CHIP Funding by Year, 2019



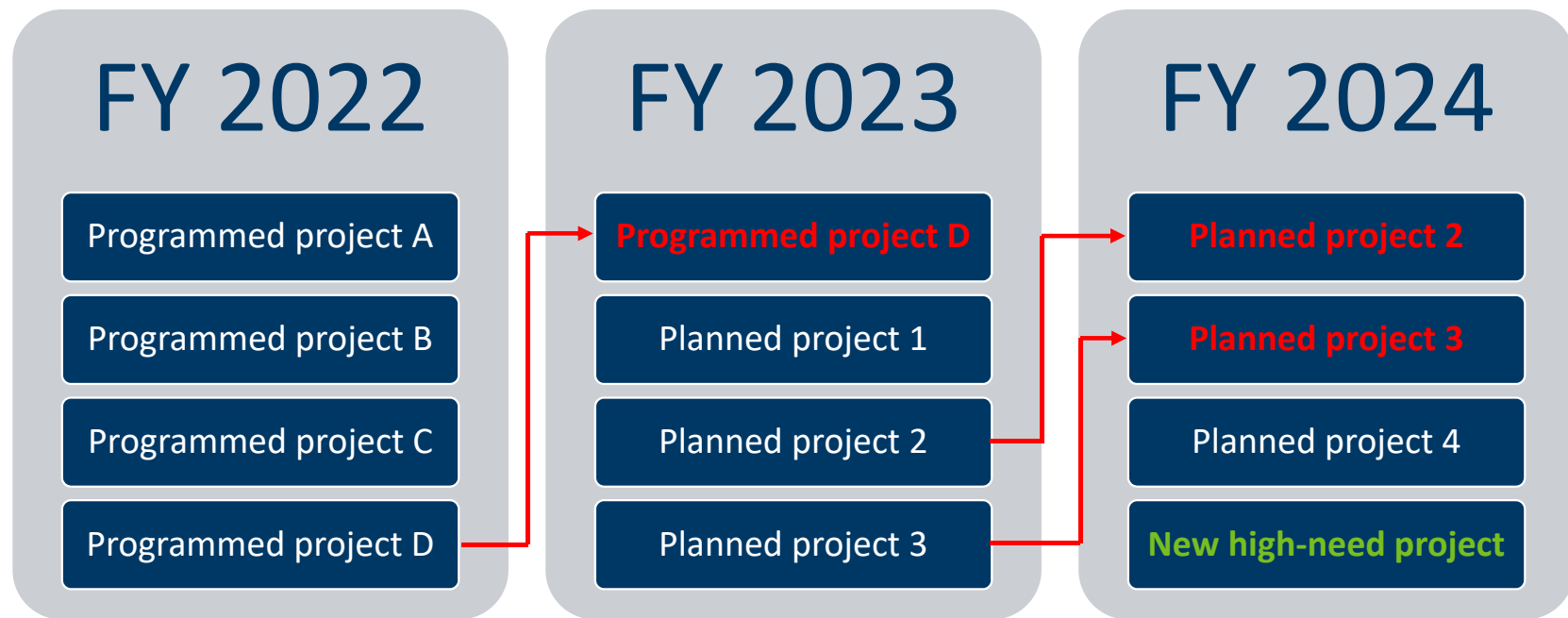
Why the Funding Change?

- MnDOT bases long-range planning of projects on the 20-year revenue forecast from MnSHIP (2017-2037)
- Every year MnDOT revises the forecast for the next four years based on recent funding budgets and anticipated annual increases
- For this year's forecast (2020-2023), MnDOT revised the level of funding anticipated in 2022 and 2023



What Does This Mean?

- To compensate, MnDOT moved some projects back from the STIP into the CHIP and adjusted projects in the CHIP to balance the program



Adjustments for Pavement Condition

- The D6 Materials Office identified new priorities for pavement projects since 2018, considering new information gathered on pavement condition.
- As a result, some CHIP projects moved ahead in the list, while others moved further back.

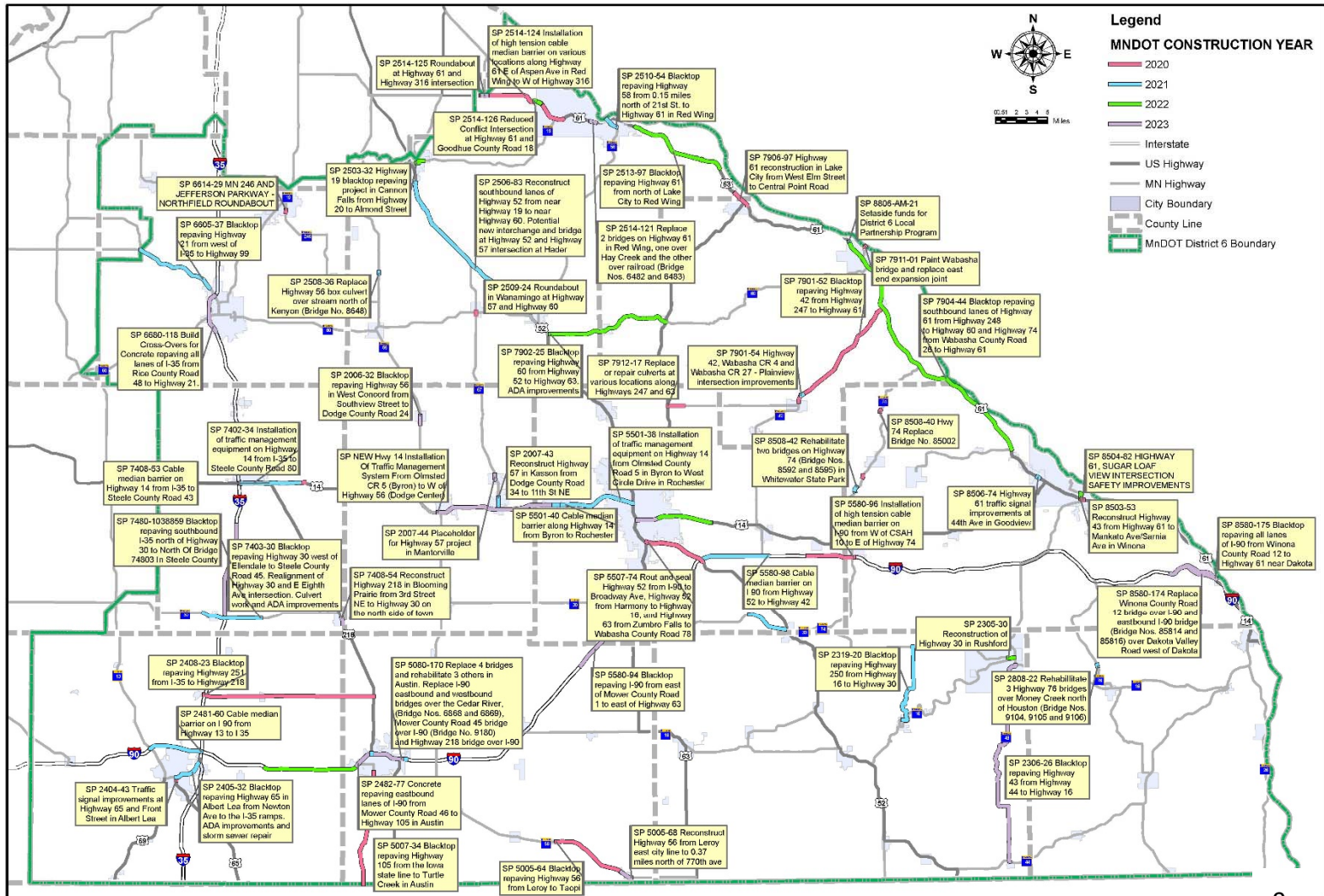




2020-2029 MnDOT Program and Plan

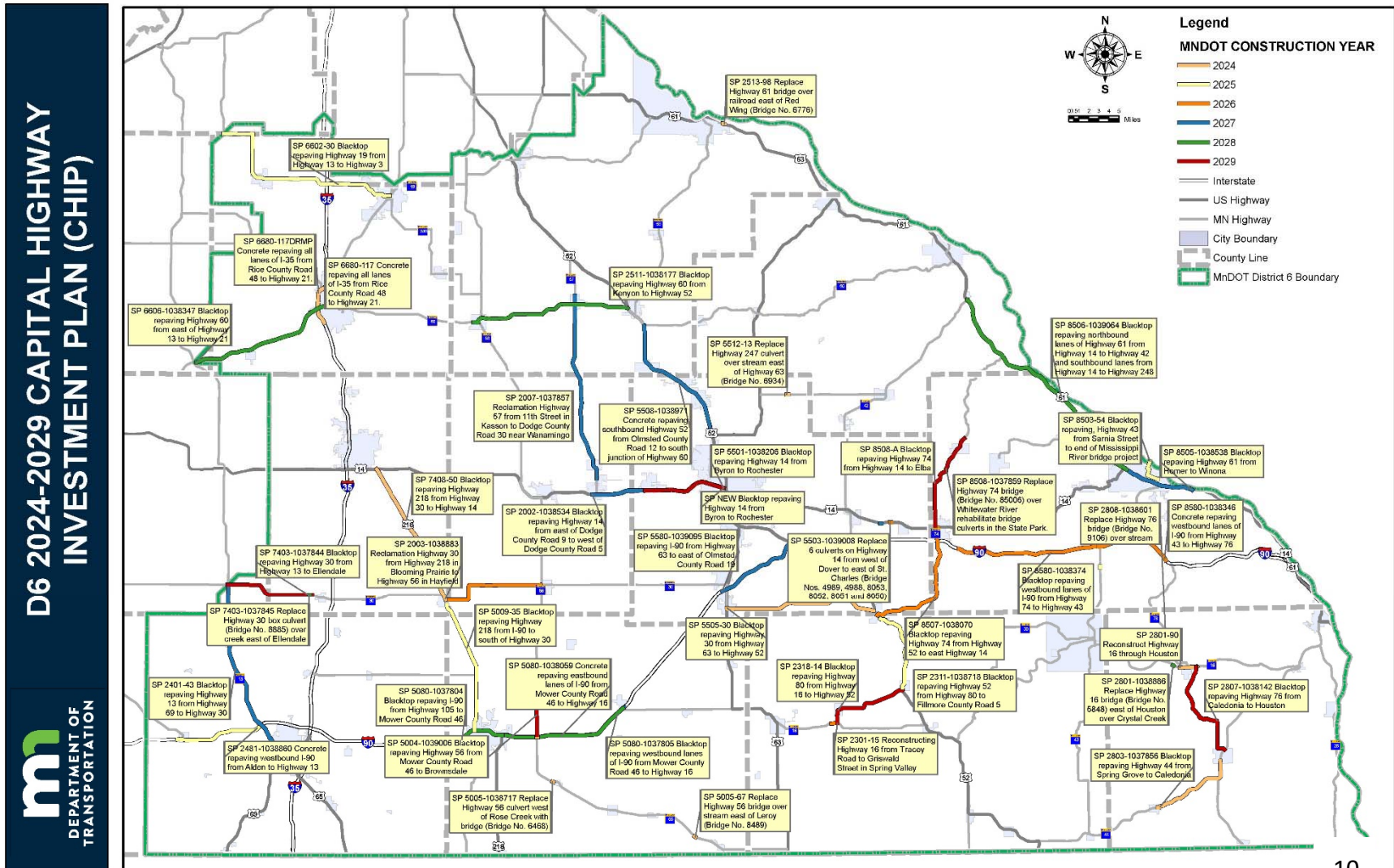
2020-2023 State Transportation Improvement Program (STIP)

D6 2020-2023 STATE HIGHWAY IMPROVEMENT PLAN (STIP)



CHIP/STIP data is subject to change without notice. Created 5/28/2019 by DWM at MnDOT District 6. Use of this document is subject to MnDOT's disclaimer, legal notices and policies found at <http://www.dot.state.mn.us/information/disclaimer.html>

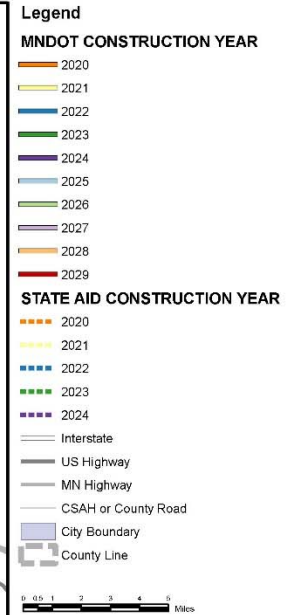
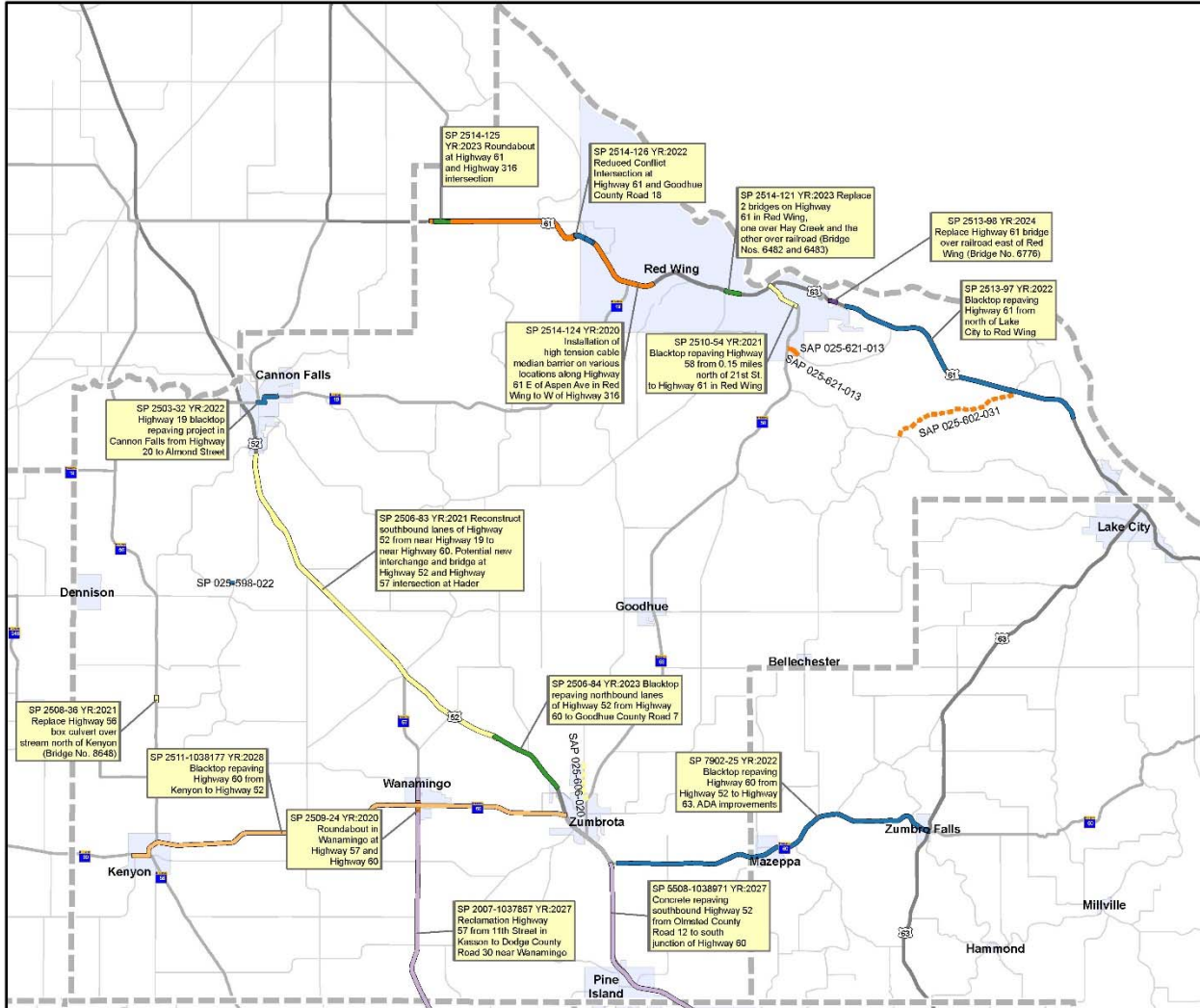
2024-2029 Capital Highway Investment Plan (CHIP)



CHIP/STIP data is subject to change without notice. Created 5/28/2019 by DWM at MnDOT District 6. Use of this document is subject to MnDOT's disclaimer, legal notices and policies found at <http://www.dot.state.mn.us/information/disclaimer.html>

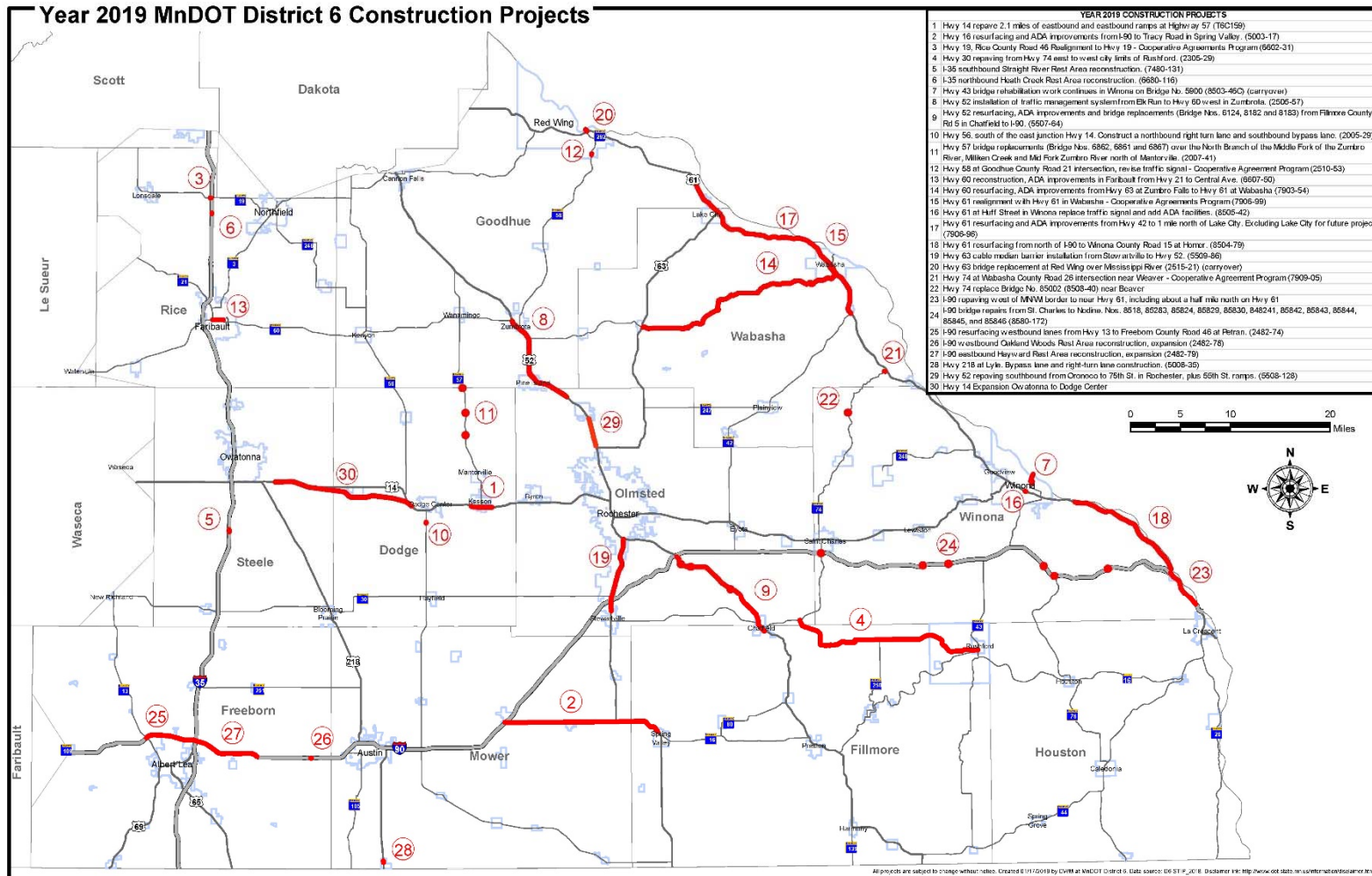
2020-2029 Programmed and Planned Projects

DISTRICT 6 2020-2029 CONSTRUCTION PLANS FOR GOODHUE COUNTY



CHIP/STIP data is subject to change without notice. Created 5/29/2019 by DWM at MnDOT District 6. Use of this document is subject to MnDOT's disclaimer, legal notices and policies found at <http://www.dot.state.mn.us/information/disclaimer.html>

2019 MnDOT District 6 Construction Projects



MnDOT Major Projects Update

- US 14 4-lane expansion – construction from late fall 2019 through summer of 2022
- US 52 rural regrade – currently undergoing public outreach and design
- Red Wing bridge – updated schedule after recent flooding



Stay Connected

E-mail Updates:

- Future Construction Projects
- Current Construction Projects
 - www.dot.state.mn.us/d6/projects.html

Follow us on:

- Facebook
 - mndot|southeast minnesota
- Twitter
 - @mndotsoutheast

Check-out:

- www.511mn.org



Sign up for project email updates



Follow us on Facebook



Follow us on Twitter

Questions

Heather Lukes, Planning Director

MnDOT District 6

heather.lukes@state.mn.us

507-286-7552

Kurt Wayne, Principal Planner

MnDOT District 6

kurt.wayne@state.mn.us

507-286-7680

GOODHUE COUNTY DEPARTMENT OF PUBLIC WORKS



Gregory Isakson, P.E.
Public Works Director/County Engineer

2140 Pioneer Road
Red Wing, MN 55066
PHONE 651.385.3025
FAX 651.267.4883
www.co.goodhue.mn.us

HIGHWAYS ♦ PARKS ♦ SOLID WASTE

TO: Honorable County Commissioners
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 04 Jun 19 Committee of the Whole Meeting
Land Transfers from the Trust for Public Lands

Date: 29 May 19

DJ Forbes from the Trust for Public Lands will give a short presentation about their efforts to purchase lands from Lutheran Social Service and to transfer most of the property to the DNR and the remainder to the Cannon Valley Trail. Kris Henning from the DNR will explain why they are interested in this property and how they will use it. Scott Roepke will then discuss why the Cannon Valley Trail is interested in the property proposed to be sold to the County for use by the Cannon Valley Trail.

The County will need to enter into an agreement to purchase the property that is proposed to be sold to the Cannon Valley Trail since the County owns the property under the Cannon Valley Trail. That agreement will be discussed at the regular Board meeting later in the day.

Proposed DNR acquisitions to add land to Cannon River Turtle Preserve Scientific and Natural Area (SNA)



CANNON RIVER TURTLE PRESERVE SNA is a 910-acre parcel located largely to the west of U.S. Route 61 along the north and south shore of the Cannon River. It contains southern terrace floodplain and maple-basswood forest, oak-hickory woodland, and goat prairie with ongoing prairie reconstructions high above the River. Much of this site has Exceptional Natural Resource Value.

We request Goodhue County's approval towards adding additional parcels and designating it as part of the Cannon River Turtle Preserve SNA.

- Lutheran Social Services Parcels – East of the current SNA, but bordering DNR-owned Forestry land, this parcel measures 207 acres and consists of Silver Maple – Green Ash – Cottonwood Terrace Forest, Northern Bulrush-Spikerush Marsh, and the State Critically Imperiled Calcareous Fen

Scientific and Natural Areas (SNAs) are part of the state Outdoor Recreation System created by the Minnesota Legislature. To date there are 168 SNAs statewide, including 4 in Goodhue County:

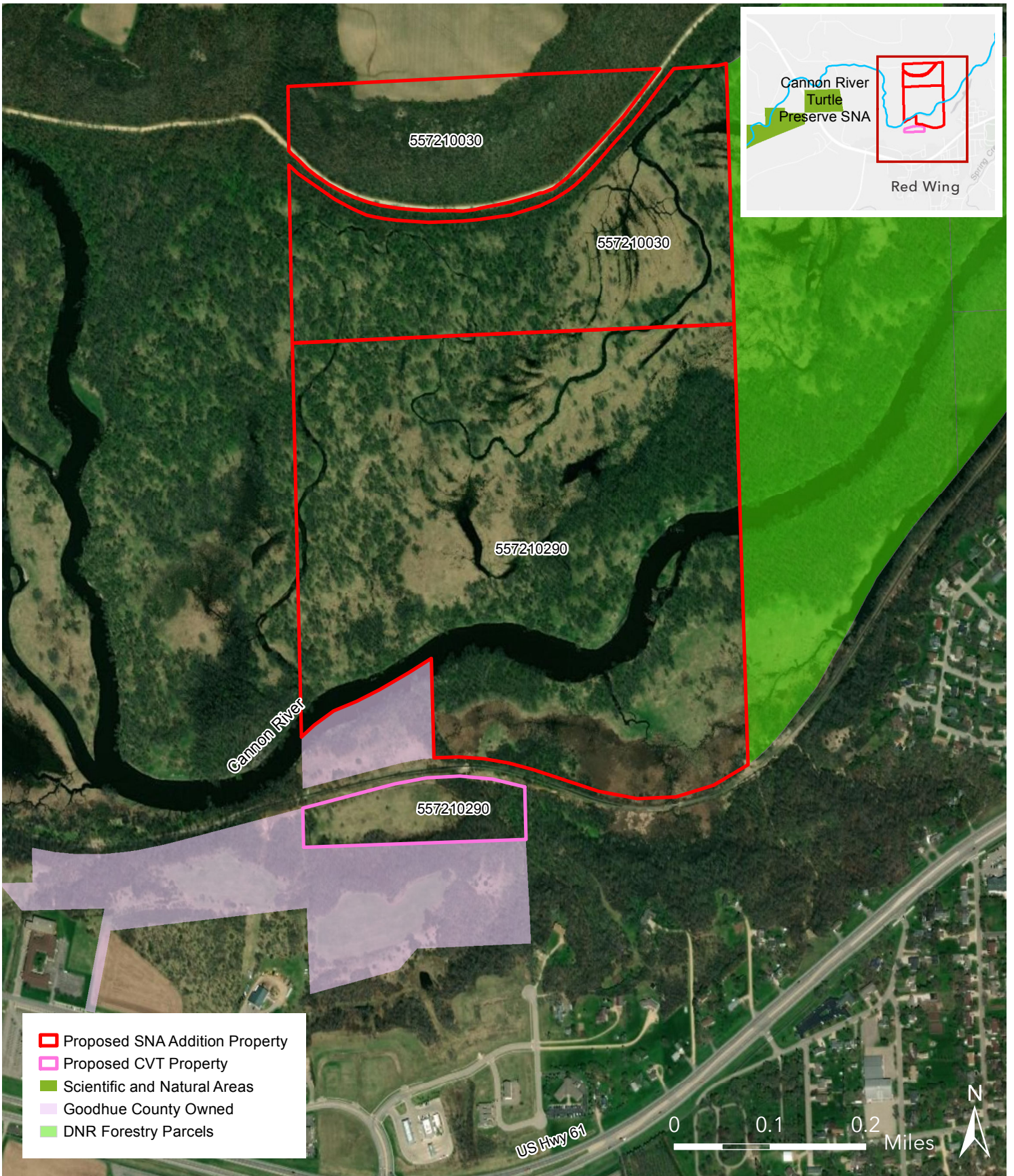
- Cannon River Turtle Preserve SNA (910 acres) in Cannon Falls Township & Red Wing
- North Fork Zumbro Woods (64 acres) in Wanamingo Township
- River Terrace Prairie (87 acres) in Cannon Falls Township
- Spring Creek Prairie (140 acres) in Red Wing

The purpose of SNAs is to protect the best of Minnesota's remaining natural heritage such as rare species, native prairies, old-growth forests, and significant landforms and geologic features. The SNA Program's goal is to ensure that rare features and high quality plant communities persist across the State. Additional information on scientific and natural areas may be found on the [SNA website](http://www.dnr.state.mn.us/snas) at www.dnr.state.mn.us/snas.

Public uses of SNAs vary with each site. Typically, nature observation, education, scientific research, and other non-motorized recreation are allowed. Hunting and dogs are allowed in Cannon River Turtle Preserve SNA. Biking occurs on the designated Cannon Valley Trail, adjacent to but not within the SNA. Visitors are welcome to hike the area or visit by other means of foot travel, such as skis and snowshoes, however caution should be exercised in areas of seeps, steep slopes or rock faces. Slopes are slippery, and foot travel can be potentially hazardous to visitors and sensitive vegetation. In order to protect the site's special features, activities not allowed on this SNA are camping, campfires, damaging vegetation, or motorized recreation.

PILT (Payment in Lieu of Taxes) is calculated from the sale price of the property and is re-calculated every 5 years based on county land assessments. In 2018, the Goodhue County taxes due for the property was \$2,066. Using the property's appraisal, we estimate the PILT payments will be approximately \$4,689 a year. The statutes governing PILT are MS 477A.11 to 477A.14. More information on PILT can be found on the [PILT page](http://www.dnr.state.mn.us/aboutdnr/legislativeinfo/pilt/index.html) of the DNR website at <http://www.dnr.state.mn.us/aboutdnr/legislativeinfo/pilt/index.html> or by contacting Susan Damon, DNR Division of Lands and Minerals, 651-259-5961.

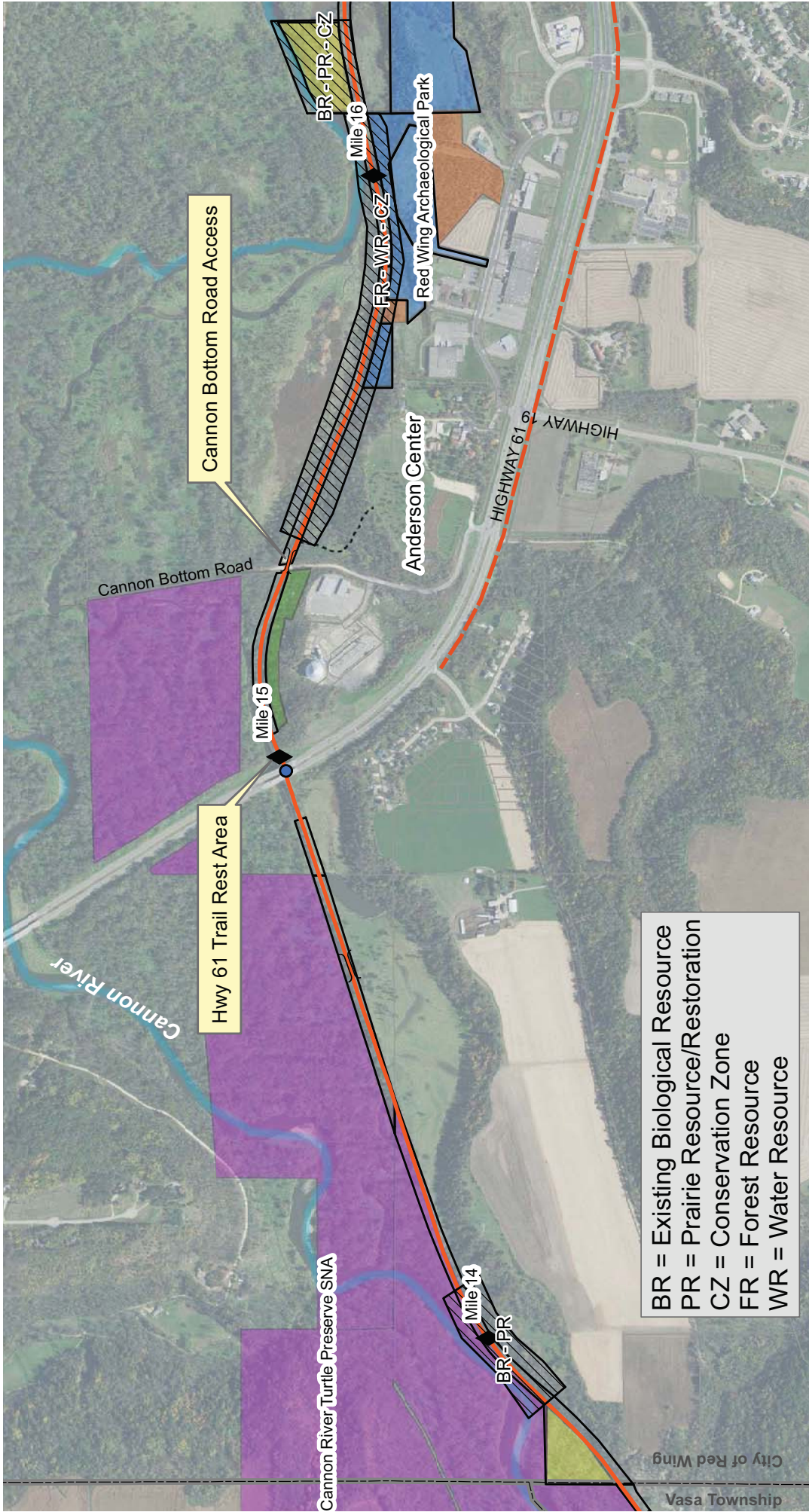




Cannon River Turtle Preserve SNA

Goodhue County, MN





BR = Existing Biological Resource
 PR = Prairie Resource/Restoration
 CZ = Conservation Zone
 FR = Forest Resource
 WR = Water Resource



Segment 7 of 9

- Rest Area
- Trailhead
- Wheel Pass Pay Station
- ◆ Mile Marker
- City Trail
- Mill Towns State Trail
- County Trail
- Hiking Trail
- Cannon Valley Trail
- Goodhue County
- CVT Land
- City Park
- Dakota County
- Township Bndy
- State - Aquatic/Wildlife
- State - Forest
- State - Other
- State - SNA

CANNON VALLEY TRAIL
 COMPREHENSIVE PLAN UPDATE 2017
 Existing Conditions and Analysis Maps



H. Cultural Resources

GOAL: H-1. *Protect and manage lands containing archaeological, historic and other cultural resources, encourage appropriate public use, support scientific exploration and provide for interpretation. Seek partnerships to improve outcomes.*

H-1. CULTURAL RESOURCE RECOMMENDATIONS PARAMETERS

In general, it is recommended that the archaeological resources contribute more to the Trail experience through increased public visitation opportunity where this use will not damage the resources or be considered culturally insensitive.

Recommendations are to be considered as potential, subject to further analysis and public input. It is essential that archaeologists and representatives of groups with cultural ties to the resources be involved in all planning for potential increased public visitation. The recommendations are predicated on the belief that the benefits of limited, sensitive, managed public use does not need to negatively impact the resource. Furthermore, increasing the public's awareness of the resources can contribute to improved stewardship.

H-2.1. SENSITIVE TRAIL DEVELOPMENT AND MANAGEMENT

Archaeological resources are intolerant of damage. Trail development and management negatively impact resources. In all situations CVT is to avoid damage.

H-2.2. PLANNING - CULTURAL RESOURCE CLUSTERS

Several parcels adjacent to the trail corridor are identified for enhancing cultural resource value for Trail users. Some of these parcels are publicly owned with potential for cooperative management. Others are already under CVT management but can benefit from interpretation. More detail about each parcel is found in Chapter 4, Recommendation J. Property Issues.

> Cultural Resource Planning Recommendations

- Establish a Cultural Heritage Park for Parcels 2, 3, 4, 5, 6, 7, 8
- Work with Goodhue County and the City of Red Wing to add a hiking loop at the Silvernale Archaeology site with access from CVT.

GOAL: H-2. *Explore opportunities to expand stewardship and diversify the Trail experience through off-site cultural resource conservation efforts, land acquisitions or easements, and other partnerships.*

H-2.1. DEVELOPING PARTNERSHIPS

The work of Dr. Ron Schirmer of Minnesota State University – Mankato has been invaluable in interpreting the resources and providing guidance to CVT. To increase research, funding and public awareness it is recommended that other partnerships be explored, such as with the Goodhue County Historical Society.

H-2.2. INTERPRETATION AND EDUCATION

CVT has excellent, but dated, interpretive information at the Red Wing and Silvernale Sites. It is recommended that additional interpretation be developed and communicated through interpretive signs, web site, tours, mobile app, etc.

J. PROPERTY ISSUES

GOAL: J-1. *Modify the relationship of adjoining land uses which are likely to conflict with a high quality trail experience. Seek solutions to improve the relationship between users that may have conflict.*

J-1.1. PROPERTY MANAGEMENT ROLES FOR 13 PUBLICLY-OWNED PROPERTIES

From Highway 61 (Mile 15.1) easterly to Pepin Avenue (Mile 17.6) there are 13 parcels of property either adjacent to, or near CVT, that are owned by Goodhue County, Red Wing or the State of Minnesota. In all cases these lands provide value to the CVT experience by providing protection for natural resources and scenic land. Furthermore, at least nine of the parcels contain archaeological resources. The JPB, City of Red Wing and Goodhue County have inquired about which agency or agencies are best positioned to manage the properties and what the management objectives should be. This inquiry derives from an interest in optimizing the public value these lands can provide, insure that archaeological resources are protected and offer educational benefits. The parcels are listed in Table 4-1. and illustrated in the map below it.

> Property Management Recommendations

Cultural Heritage Park for Parcels 2, 3, 4, 5, 6, 7, 8

These seven parcels are contiguous to themselves and/or the CVT offering an outstanding opportunity for the creation of essentially a new park – Cultural Heritage Park – with a dominant focus of protecting and interpreting the archaeological resources.

Parcels 4, 5, and 8

CVT current manages these and discussion of the Cultural Heritage Park concept is best initiated by either the City of Red Wing and/or the Anderson Center. It is recommended that CVT participate in these discussions and a future role, if any, determined.

Parcels 10, 11, 12, 13

This cluster of parcels nearly surrounds an industrial plant and offer another coordinated management opportunity to increase public value through archaeological resource protection and education. It is recommended that CVT initiate conversations with Goodhue County and the City of Red Wing to discuss the potential of this concept.

Parcels 1, 9

Their highest and best use is to continue to provide buffer and scenery to the CVT experience. CVT is best positioned to assume natural resource management responsibilities for these two parcels.

Cannon Valley Trail Office Relocation

Currently the CVT office space is provided by the City of Cannon Falls in the Public Works facilities near the end of Cannon River Avenue. It functionally meets the needs of CVT. However this isolated location does not encourage staff and volunteer interaction with the public and is difficult to find. Therefore the JPB has interest in relocating the office to a more publicly accessible location.

Recommendation: The City of Cannon Falls is considering the development of a Downtown Visitor Center. The recommendation is for CVT to cooperate with the

A LE P LICL O NE PARCELS

Reference Number	Parcel Number	Size	Owner	Description
1	558390050	2.2 acres	City of Red Wing	Serves as scenic protection between CVT and adjacent gravel mining
2	559020210	2.16 acres	Goodhue County	Serves as scenic bluff protection
3	557290012	0.61 acres	State of Minnesota	Serves as scenic bluff protection
4	559020220	8.09 acres	Goodhue County – Managed by CVT	Donated to CVT by the Red Wing Port Authority as it was undevelopable due to steep slopes. Serves as scenic bluff protection.
5	559020150	7.94 acres	Goodhue County – Managed by CVT	This is the Red Wing Archaeological Preserve- Native American village site.
6	557280672	9.24 acres	State of Minnesota	Protects Native American burial mounds
7	557280615	18.37 acres	Goodhue County	“Thompson Mound” Site. Protects Native American burial mounds.
8	557210300	8.00 acres	Goodhue County – Managed by CVT	Camp Pearson. Protects remnant prairie and offers viewing of Cannon River.
9	557210260	0.70 acres	Goodhue County	Serves as scenic bluff protection
10	557221440	9.26 acres	City of Red Wing	Protects Native American burial mounds
11	557220360	7.40 acres	Goodhue County – Managed by CVT	Protects Silvernale Archaeological Site.
12	557221430	4.91 acres	Goodhue County	Protects Native American burial mounds
13	557220071	1.80 acres	Goodhue County	Protects Native American burial mounds

I RE 10 P LICL O NE PARCELS A ACEN O CV



City and other partners to promote the development of the Center, which could possibly include CVT offices. While at this time no property acquisition by CVT is foreseen for this effort, roles of the potential partners remain to be negotiated.

J-1.2. ADJACENT PROPERTY CONFLICT MANAGEMENT

As a 20-mile-long trail with 40 miles of property edge, CVT touches property owned by at least 115 different persons or entities and some conflict is inevitable. Examples of previous conflict include:

- Uncertainty over property boundary locations
- Private use of Trail property
- Land use changes affecting the quality of the Trail experience – e.g. logging, gravel extraction
- Trail users trespassing onto private land
- Trail users asking residents for assistance of some kind – e.g. a ride to town
- Upstream land use changes that increase stormwater runoff, erosion and sedimentation that negatively affects the Trail
- Proposals for new overhead utilities

Closely related to land use type conflicts is the public’s expectation that the CVT will be proactive in protecting and improving the quality of the Trail experience.

CVT has established and maintained productive relationships with most landowners. As a locally owned and operated trail, landowners have easy access to staff and the Joint Powers Board so conflicts can be addressed promptly. There are limited situations where conflict resolution has to be ‘bumped up’ to a state agency due to requests for the conversion of trail property to a non-recreational use, such as a new road crossing.

> *Property Conflict Recommendations*

The most effective strategy for conflict resolution continues to be proactive in establishing and maintaining productive relationships with landowners and seek cooperative solutions to issues, consistent with CVT goals and policies. Furthermore it is recommended that CVT publish its policies for conflict resolution. Examples include:

- New overhead utilities are not permitted, but easements for underground can more easily be negotiated
- New road crossings are strongly discouraged and invoke the property conversion requirement derived from CVT accepting federal grants for development

GOAL: J-2. *Consider the acquisition of property necessary to protect and maintain infrastructure, protect and maintain critical natural, cultural and scenic resources, and provide public and maintenance facilities and services for the best trail experience possible.*

J-2. ADDITIONAL PROPERTY TO IMPROVE TRAIL EXPERIENCE AND MANAGEMENT

Property occupied by CVT is owned by Goodhue County and managed by the Joint Powers Board (JPB). CVT inherited the land ownership pattern of a former railroad, most often a 100’ right-of-way with the trail tread centered on it. This result of 50’ of ownership on either side of the center line can be problematic in regard to solving water management issues, expanding accesses, managing

resources and meeting property line set-backs for buildings. Therefore land acquisition will be considered for properties adjacent to or near CVT that, if needed, would:

- Provide an improvement to, or protection of, the nature dominated Trail experience
- Allow for essential Trail repair and maintenance
- Allow for essential facility development
- Protect significant natural resources or allow more effective management
- Protect significant cultural resources or allow more effective management
- Meet other needs or public interest as discovered

CVT's interest in property could possibly be met with easements, leases or similar mechanisms. CVT to date has only acquired land from willing sellers (occasionally donated) and prefers to continue that policy.

Additional Property Interest

Four properties were identified as offering significant improvement to the Trail experience and operations. They are:

1. Adjacent to Former Hidden Valley Campground – Mile 9.1 – 3.9 Acre Portion of Parcel 421280280 (24.92 Acres)

At this location the Cannon River is steadily eroding and advancing toward CVT property after every high water event. Currently for a 600' length, the river bank is 30' to 45' feet from the Trail property boundary. This sliver of land contains a field road that was formerly used for the now closed Hidden Valley Campground.

It is reasonable to assume that the river bank will continue to advance toward CVT. The serious risk is that in the foreseeable future this bank advancement will threaten the integrity of CVT. Acquisition of these approximately 3.9 acres would allow CVT to take proactive measures to halt the erosion, such as bank armoring.

Recommendation: The JPB should initiate conversations in regard to this acquisition. There may be need for the JPB to act quickly due to the possible sale of the property in the near future.

2. Welch Station Access Expansion – Mile 9.6 – 20.2 Acre Portion of Parcel 421280110 (91.55 Acres)

This Plan recommends the improvement of Welch Station Access including adding a picnic shelter, modern restrooms and maintenance building for equipment storage. The modern restroom will require space for an extensive drain field. The CVT narrow land ownership pattern limits the proposed and other potential additional expansion needs. The most viable expansion opportunity is on an approximately 20.2 acre property to the south. This property includes a flat agricultural field of about 3.2 acres, with the balance being steeply sloped and wooded. The flat acreage is sufficient in size to accommodate future expansion.

Recommendation: The JPB should initiate conversations in regard to this acquisition. There may be need for the JPB to act quickly due to the possible sale of the property in the near future.



Former Hidden Valley Campground



Welch Station Access Expansion



Camp Pearson



Welch Station Access / Downtown Welch

3. Near Camp Pearson – Mile 16.1 – 8.8 Acre Portion of Parcel 557210290 (143.3 Acres)

These approximately 8.8 acres sit strategically between CVT, Camp Pearson (part of CVT) and Thompson Mound Site (owned by Goodhue County, managed by CVT) and are adjacent to the Red Wing Archaeological Site (managed by CVT). Acquisition would make a significant contribution to the Trail experience related to archaeological resource preservation, natural resource management and construction of a trail connection to a proposed housing development to the south. Furthermore acquisition by the JPB would eliminate the possibility of private development that could have negative impact to the Trail.

Recommendation: The JPB should initiate conversations in regard to this acquisition.

4. Between Welch Station Access and Downtown Welch – Mile 9.6 - .6 Acre Portion of Parcel 421280110 (91.55 Acres)

A 30' wide x approximately 750' long addition to the County Road 7 right of way would allow for the construction of an off road trail connection for a portion of the distance between Welch Station Access and Downtown Welch. Currently County Road 7 is heavily used by bicycle traffic and the existing road shoulders are minimal in width.

Recommendation: The JPB should initiate conversations in regard to this acquisition. There may be need for the JPB to act quickly due to the possible sale of the property in the near future.

K. ORGANIZATIONAL CAPACITY AND ROLES

GOAL: K-1. Identify staffing, facilities, equipment and other resources required to ensure successful long term management and maintenance.

K-1.1. COMMUNITY OUTREACH POSITION

This Plan describes the numerous partnership opportunities available to CVT that, over time, will increase Trail use and public benefit. An increase in Operational capacity will be required up front to develop and nurture these partnerships. Without such an investment it may not be possible to fully realize the long term benefits. To increase capacity, an effective starting point may be the creation of a Community Outreach position responsible for leading partnership development with institutions, agencies and others for programming, interpretation, education, and funding benefits. More specifically, this position could be responsible for:

- Working with partners to address way finding issues to off-trail destinations
- Working with schools, institutions, organizations to increase group use
- Promoting commuting and winter use
- Managing information content on Trail kiosks
- Working to increase the economic interaction of visitors with community
- Developing a response to increase visitor interaction with other recreational and community amenities
- Researching grant, donation, other funding opportunities
- Authoring donation and grant applications and develop community support for them

Southern Minnesota Regional Medical Examiner's Office

2018 Goodhue County Update



Medical Examiner Staff

- R. Ross Reichard, M.D. – Chief Medical Examiner
- Peter T. Lin, M.D. – Assistant Chief Medical Examiner
- Reade A. Quinton, M.D. – Assistant Chief Medical Examiner
- Monica Kendall, M.S., PA (ASCP), F-ABMDI – Supervisor, Death Investigations
- Courtney Hyland, M.S., PA (ASCP), D-ABMDI – Asst. Supervisor, Death Investigations
- Navid Amini – Field Investigator, Goodhue County
- Peter Hanlin - Field Investigator, Goodhue County
- Molly Mortensen - Field Investigator, Goodhue County
- Gina Shepherd - Field Investigator, Goodhue County
- Dan Swenson - Field Investigator, Goodhue County
- Jennifer Davidson, M.S., PA (ASCP) – Death Investigator, Olmsted County
- Alysha Martini, M.S., PA (ASCP) – Death Investigator, Olmsted County
- Erica Reed, M.S., PA (ASCP), D-ABMDI – Death Investigator, Olmsted County
- Luke Wilson, M.S., PA (ASCP), D-ABMDI – Death Investigator, Olmsted County
- Office of Decedent Affairs and Medical Examiner Pathology Reporting Specialists, Division of Anatomic Pathology, Mayo Clinic



Goodhue County Medical Examiner Cases

Population (est.)	46,403
Cases Reported to Medical Examiner	360
A. Number of deaths certified after postmortem examination	48
1. Number of Medical Examiner Cases with Complete Autopsy	45
2. Number of Medical Examiner Cases with External Examination	3
3. Number of Medical Examiner Cases with Limited Examination	0
B. Number of deaths certified without postmortem examination	40
C. Number of deaths not certified by Medical Examiner's Office after investigation	272

Total number of deaths in Goodhue County in 2018 = **435**
Involved in some capacity in **83%** of deaths



Death Certificate Information

Information included:

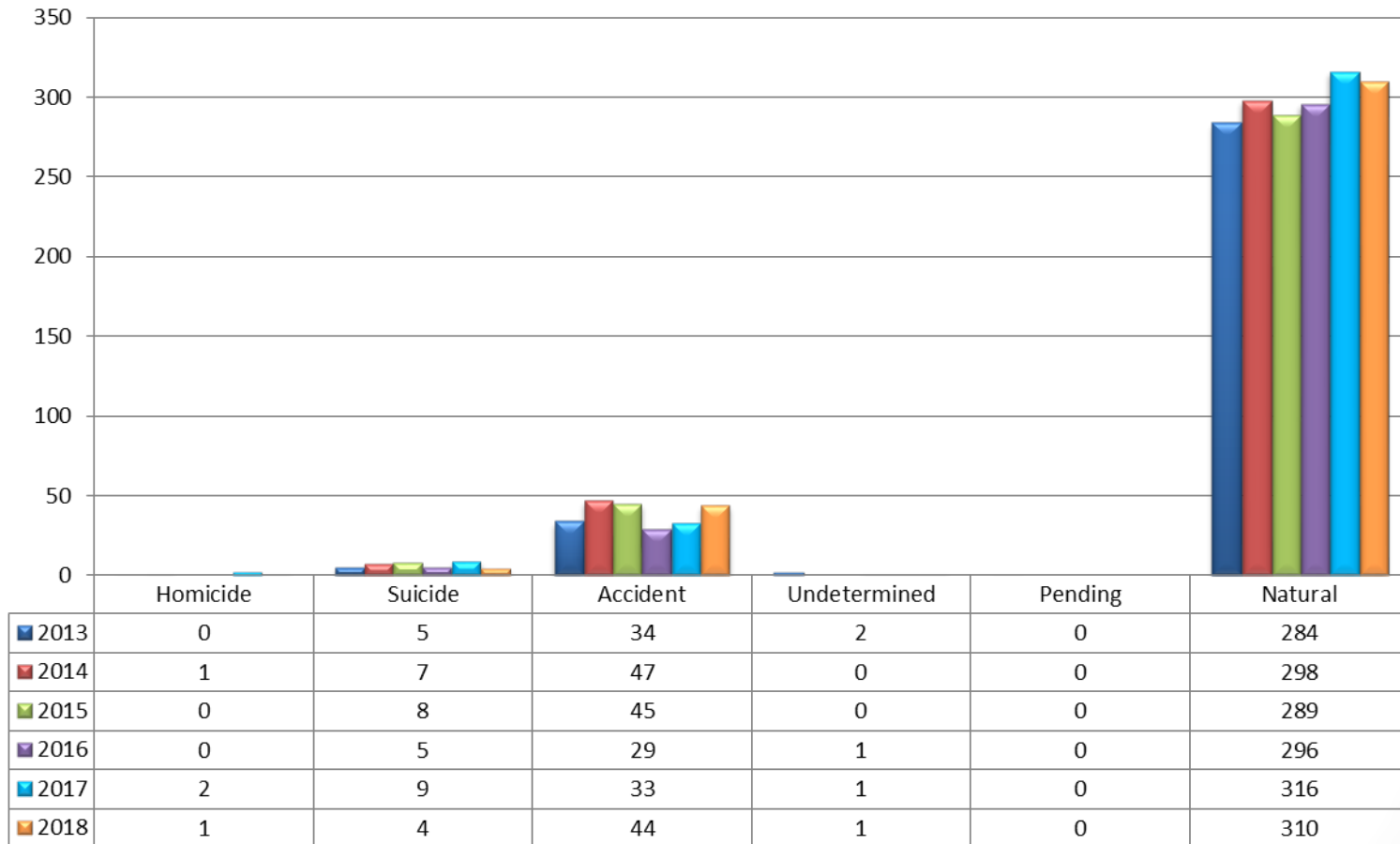
- Cause of Death
- Manner of Death
- Did an autopsy occur?
- Pregnancy?
- If Injury- Date, time, location, and how occurred?
- Injury at work?
- If transportation Injury, type (e.g. driver, passenger, etc...)

Used by:

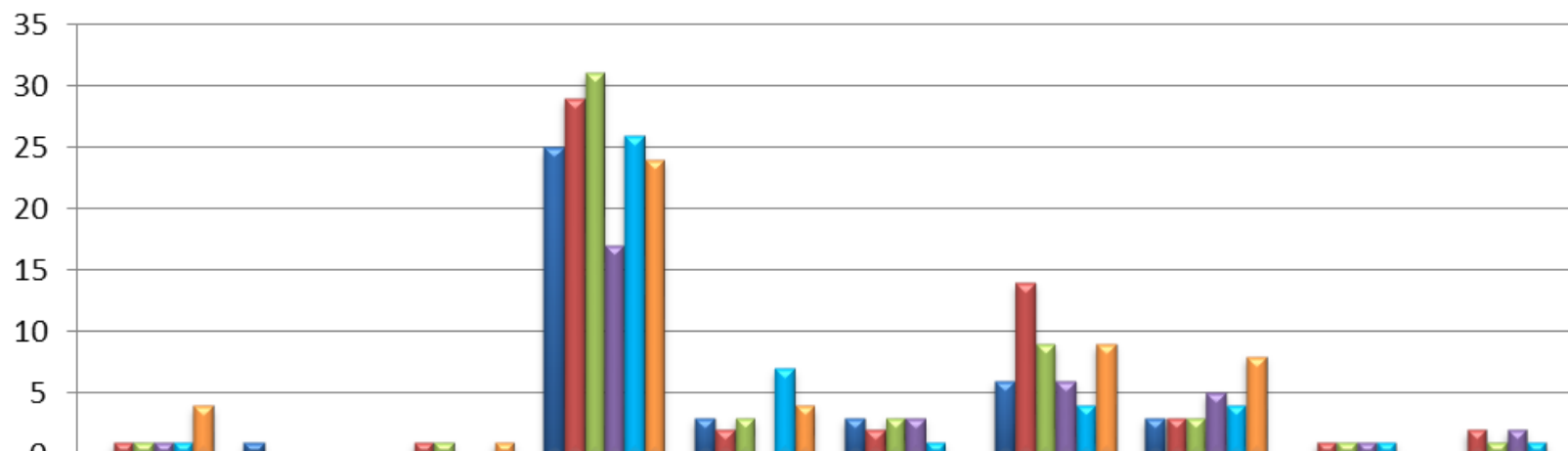
- Immediate family-heritable conditions
- Minnesota Department of Health/CDC-Public Health



Manner of Death

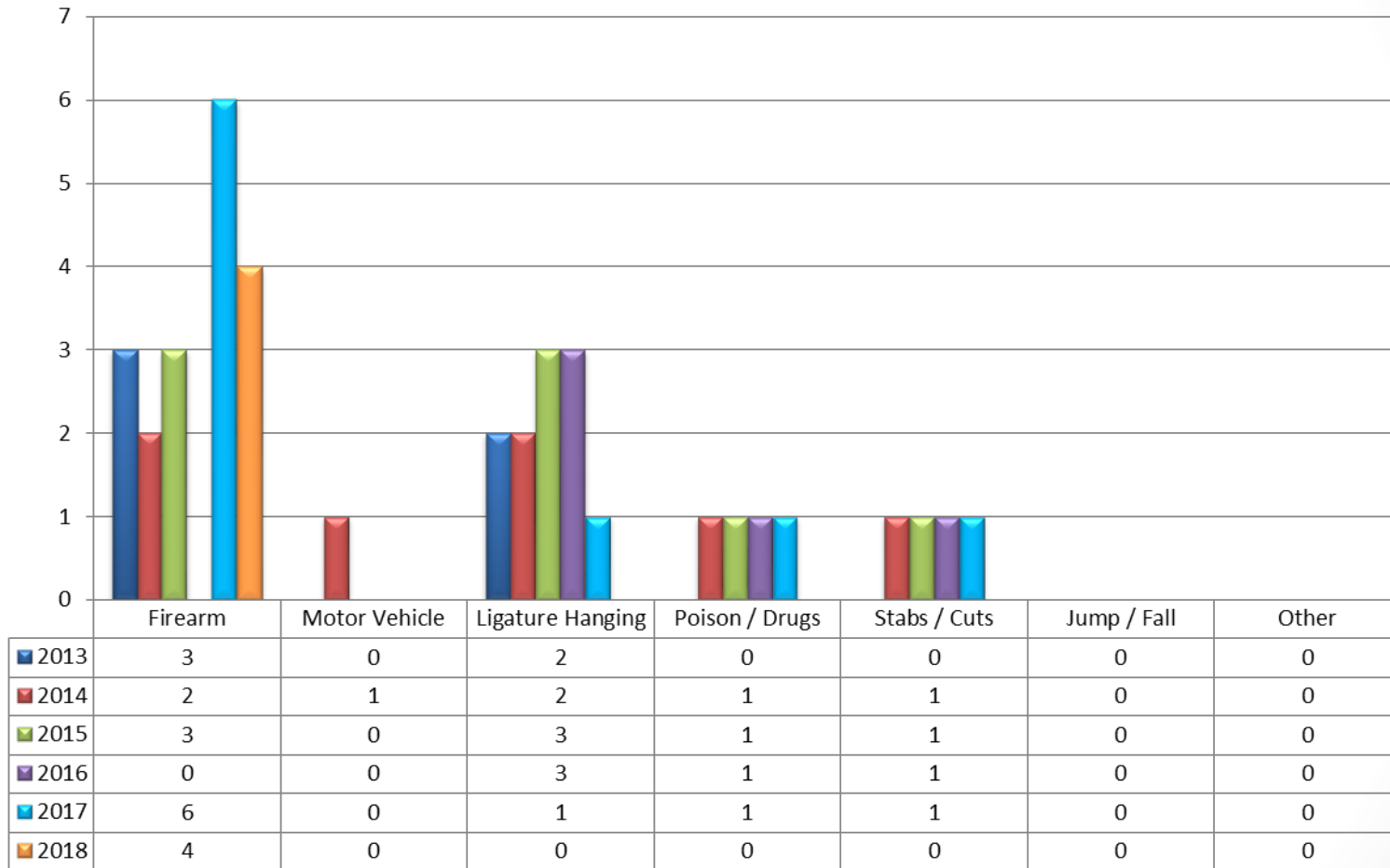


Deaths by Unnatural Causes



	Blunt Trauma	Burns	Drowning	Fall	Firearm	Ligature Hanging	Motor Vehicle	Poison / Drugs	Stabs / Cuts	Other
2013	0	1	0	25	3	3	6	3	0	0
2014	1	0	1	29	2	2	14	3	1	2
2015	1	0	1	31	3	3	9	3	1	1
2016	1	0	0	17	0	3	6	5	1	2
2017	1	0	0	26	7	1	4	4	1	1
2018	4	0	1	24	4	0	9	8	0	0

Suicide by Means

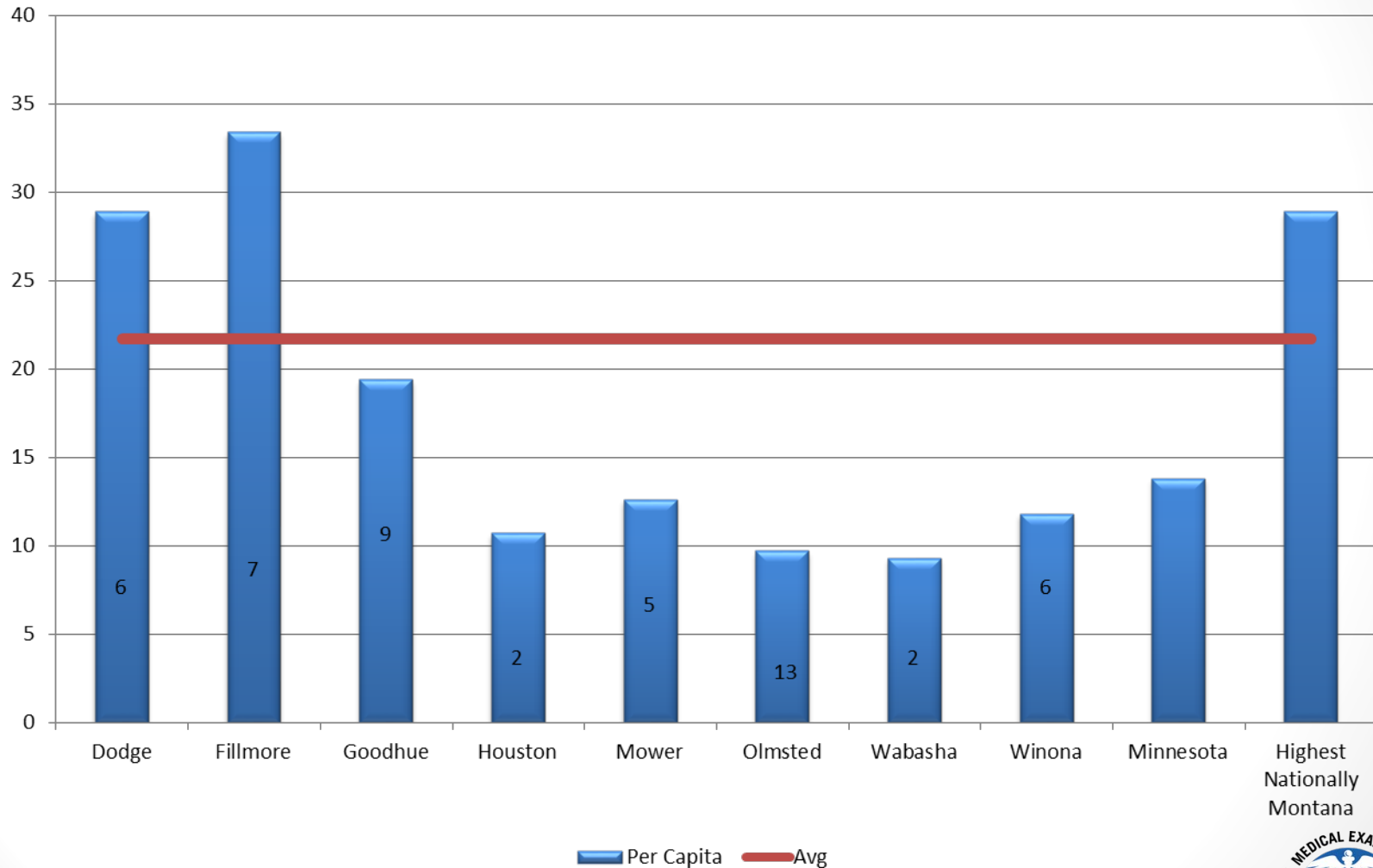


Suicide rate in Minnesota from 1999-2016 increased 40.6%

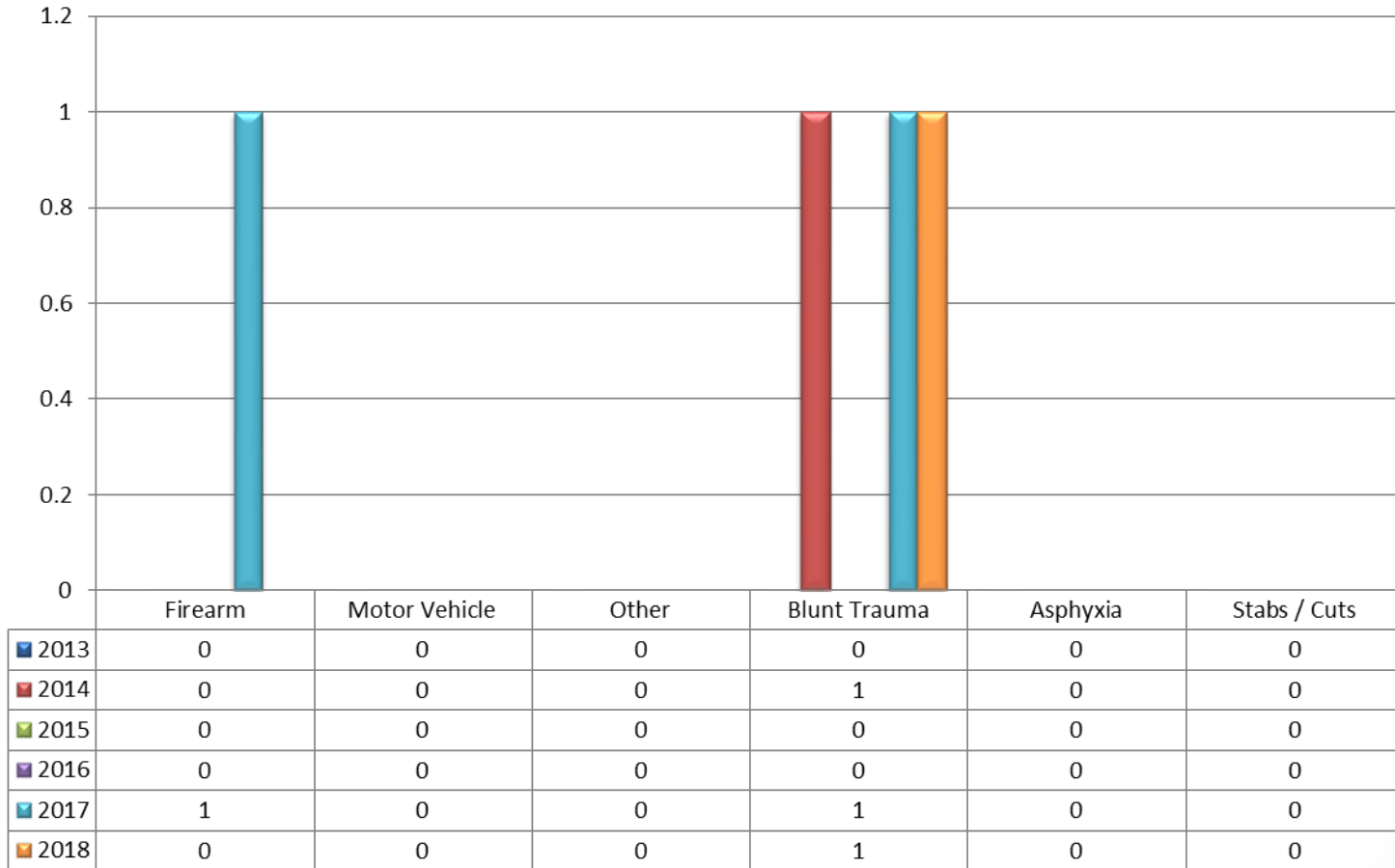


Suicide Rate per Capita

per 100,000 people; Based on 2017 data

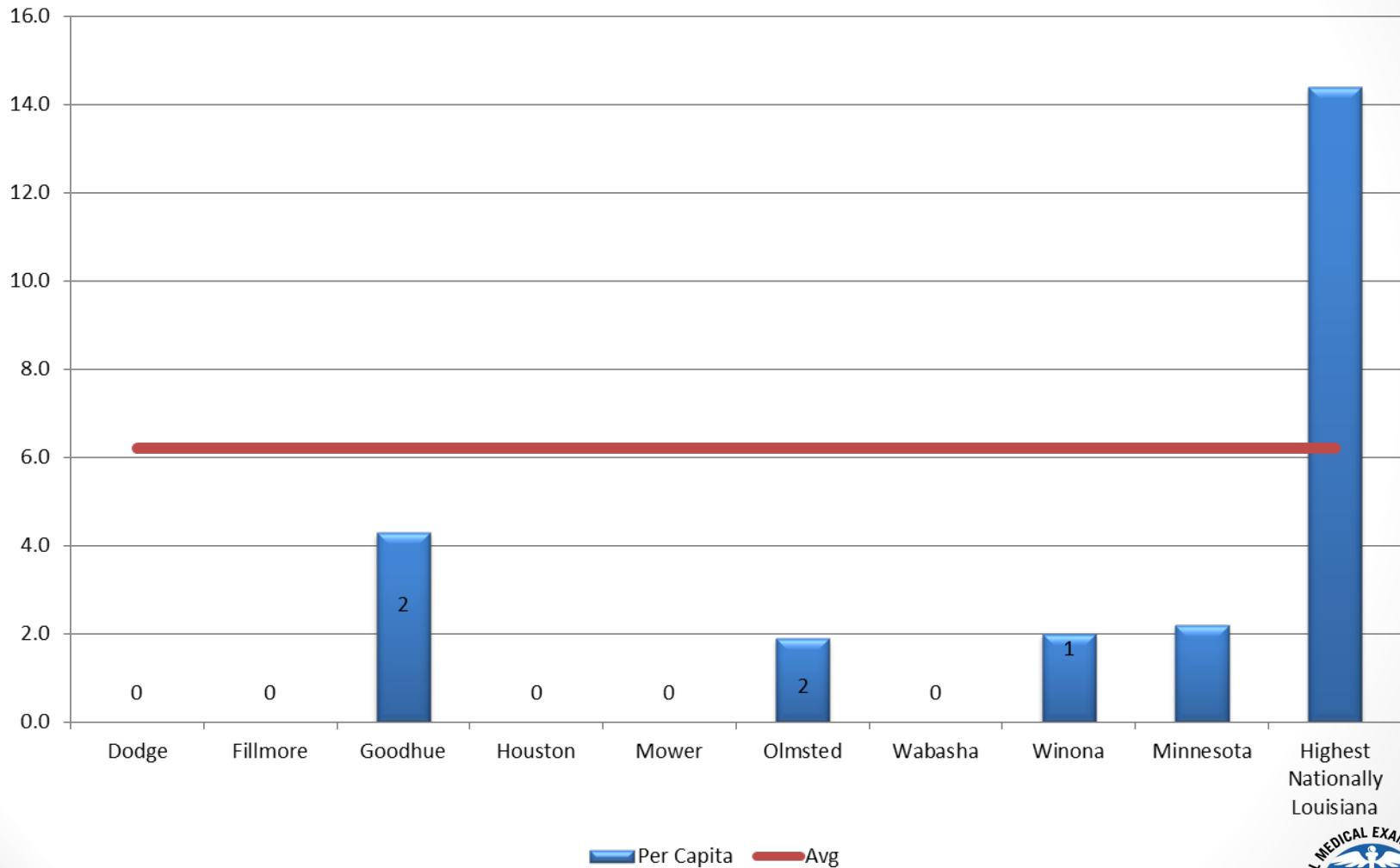


Homicide Deaths

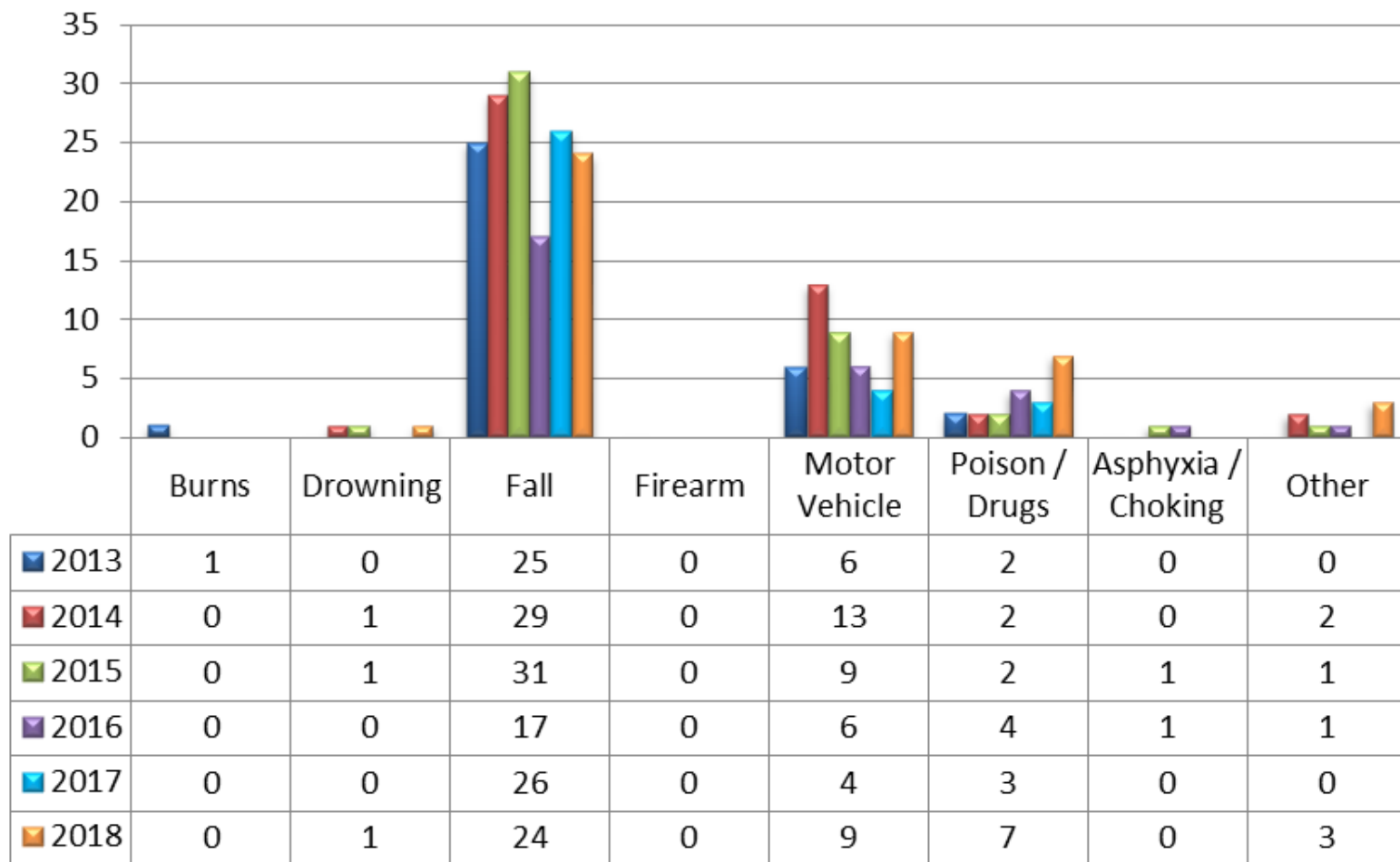


Homicide Rate per Capita

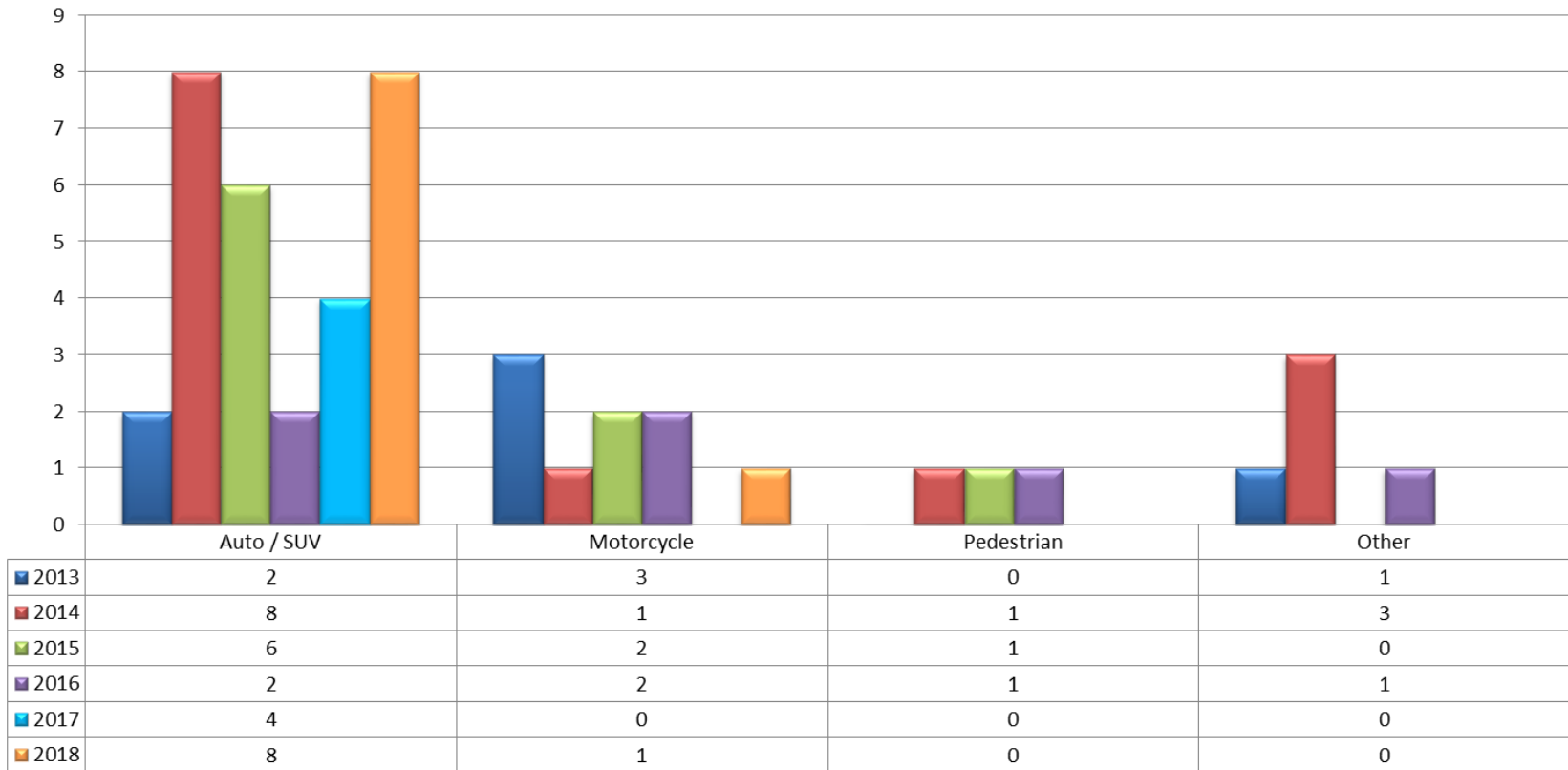
per 100,000 people; Based on 2017 data



Accidental Deaths by Type



Accidental Deaths – Vehicle Crashes



Vehicle Accidents by County of Accident, Type of Accident, and Number of Fatalities

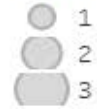
Goodhue County

2014-2018

County of Accident1

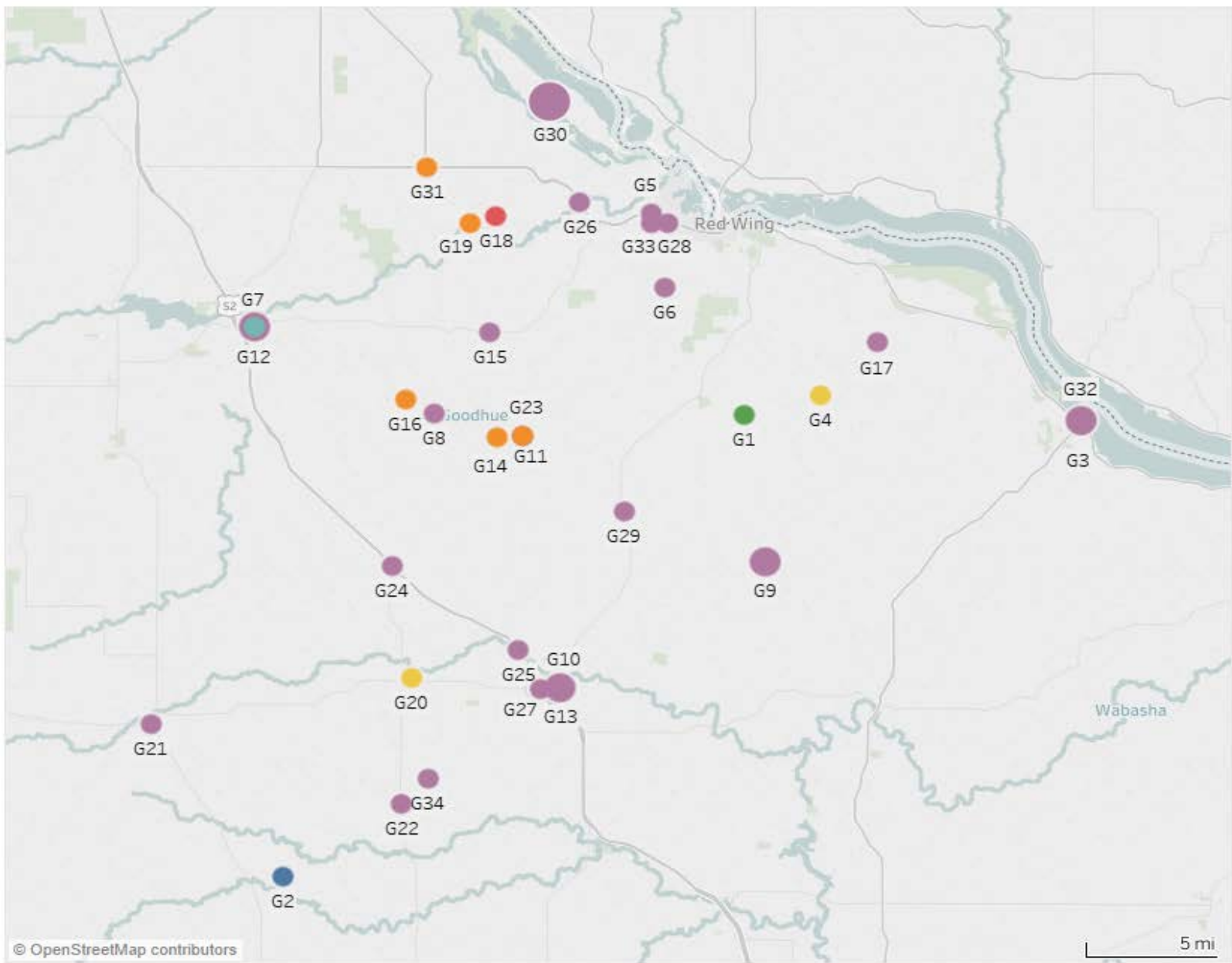
Goodhue

of Fatalities



Type of Vehicle1

- ATV
- Motorcycle
- Pedestrian vs Train
- Pedestrian vs Vehicle
- Snowmobile
- Tractor
- Vehicle



Vehicle Accident Deaths Goodhue County 2014-2018

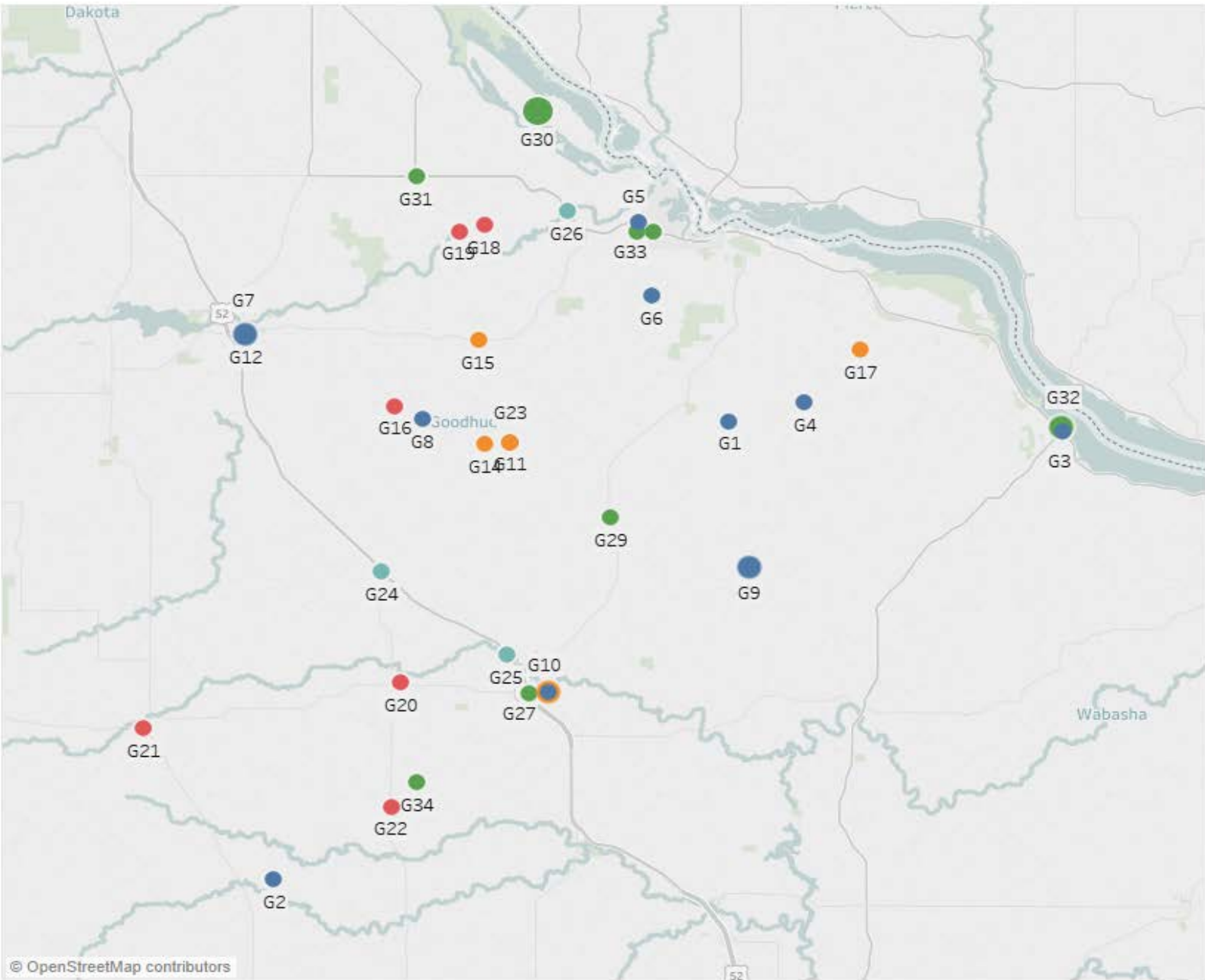
County of Accident1

Year of Death1

- 2014
- 2015
- 2016
- 2017
- 2018

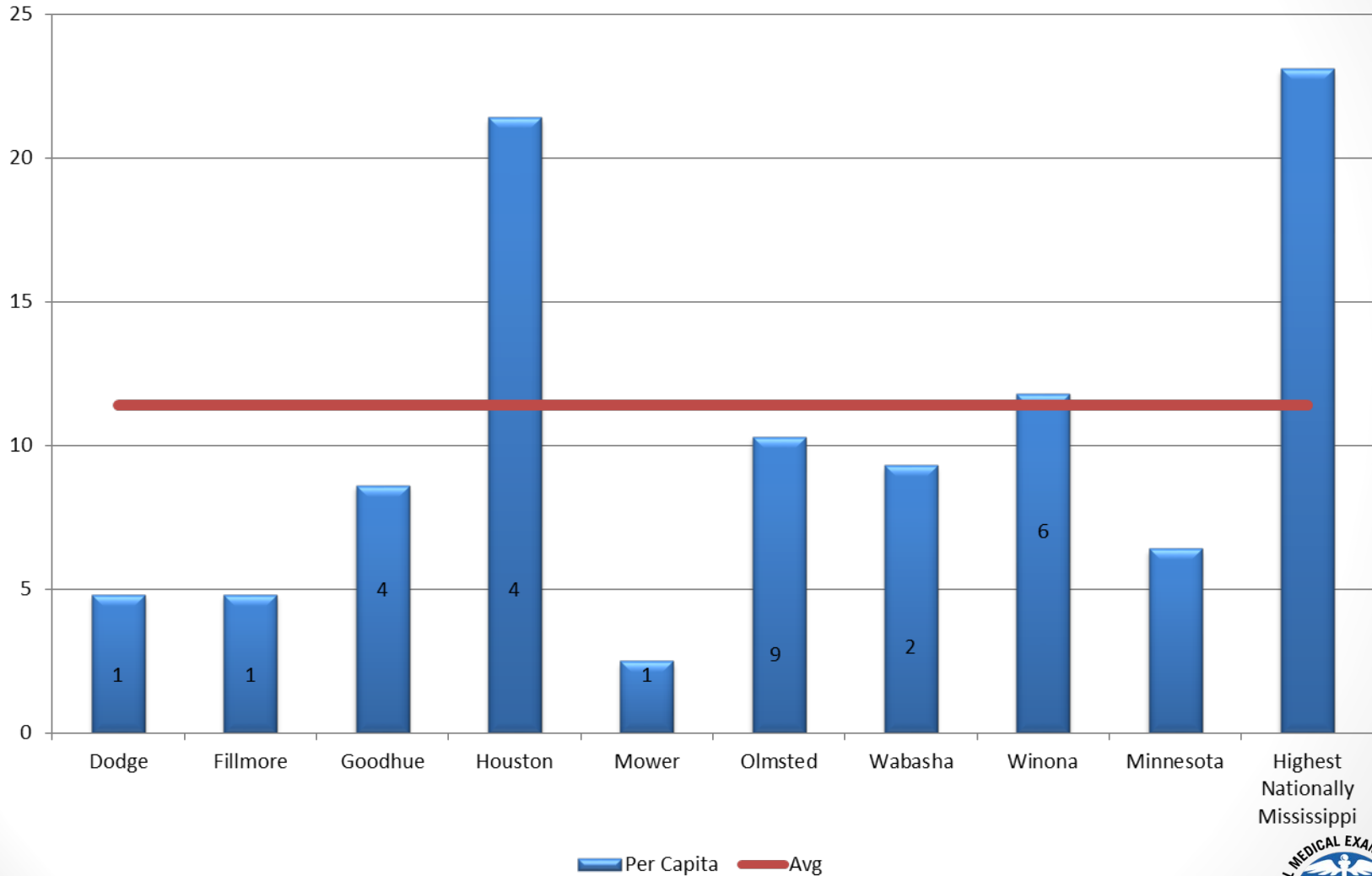
of Fatalities

- 1
- 3

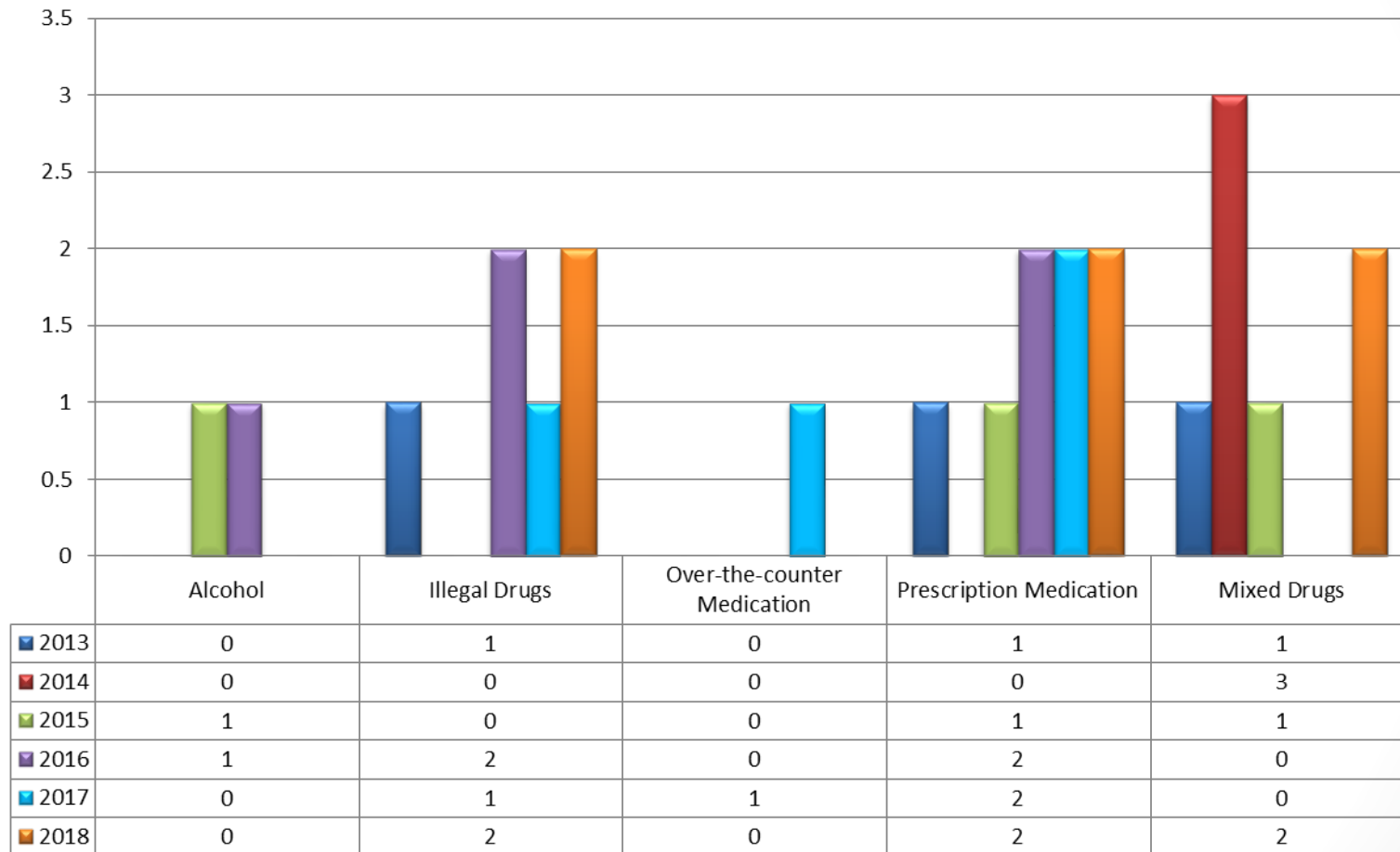


Motor Vehicle Fatality Rate per Capita

per 100,000 people; Based on 2017 data



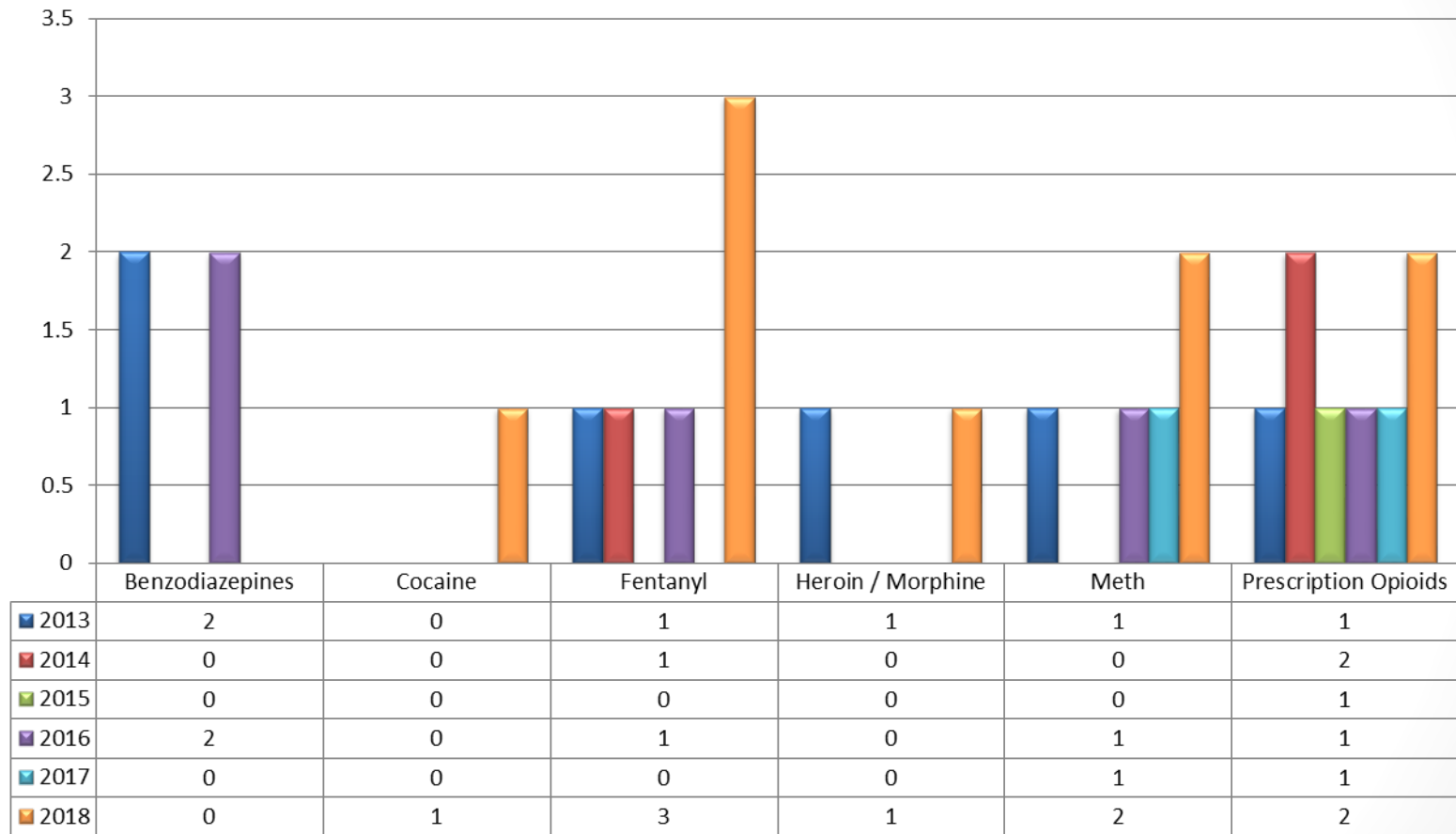
Deaths Related to Poison/Drugs



Volume by decedent



Drugs Related to Deaths

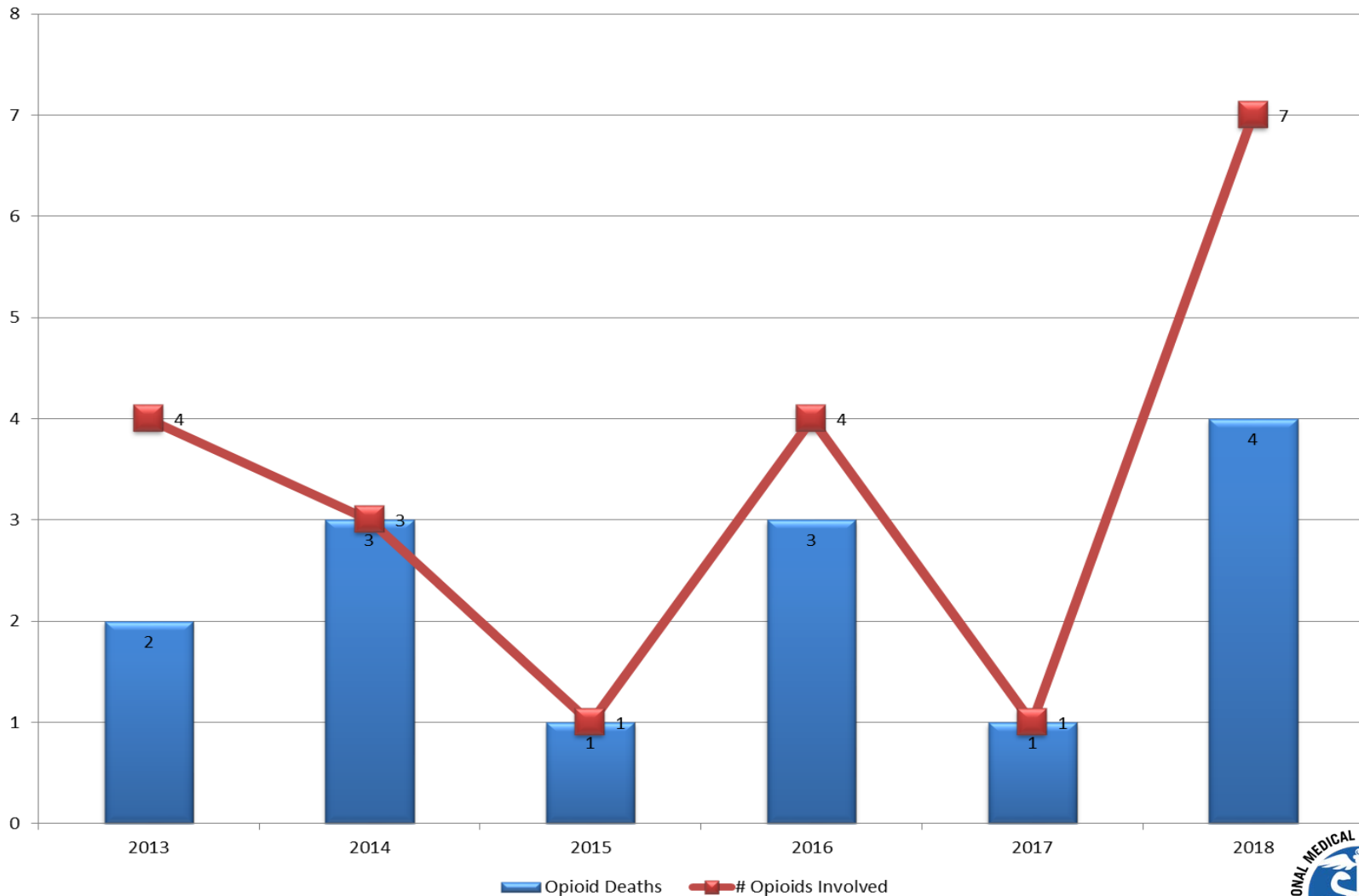


Volume by drug



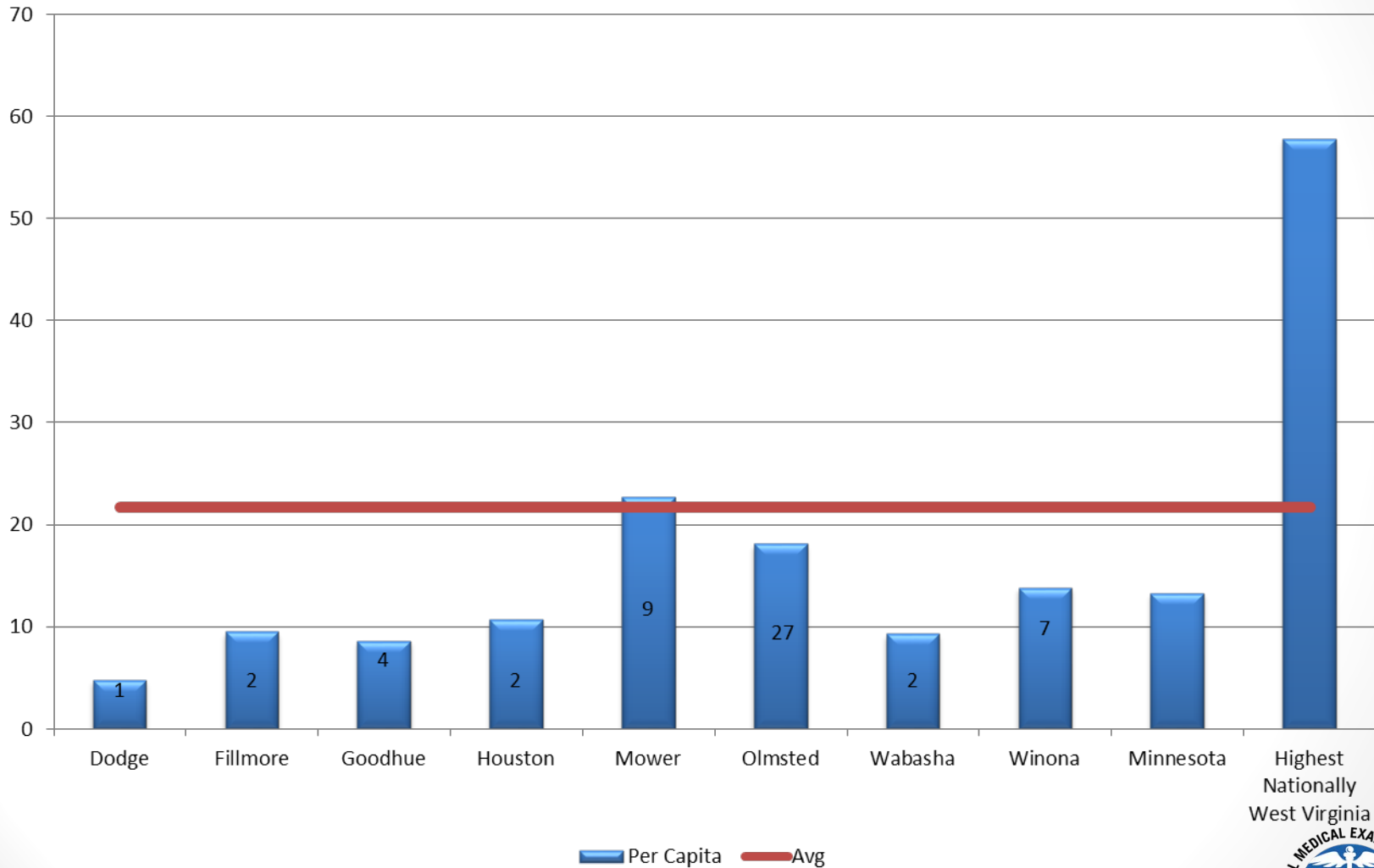
Drug Overdose Rate per Capita

per 100,000 people; Based on 2017 data

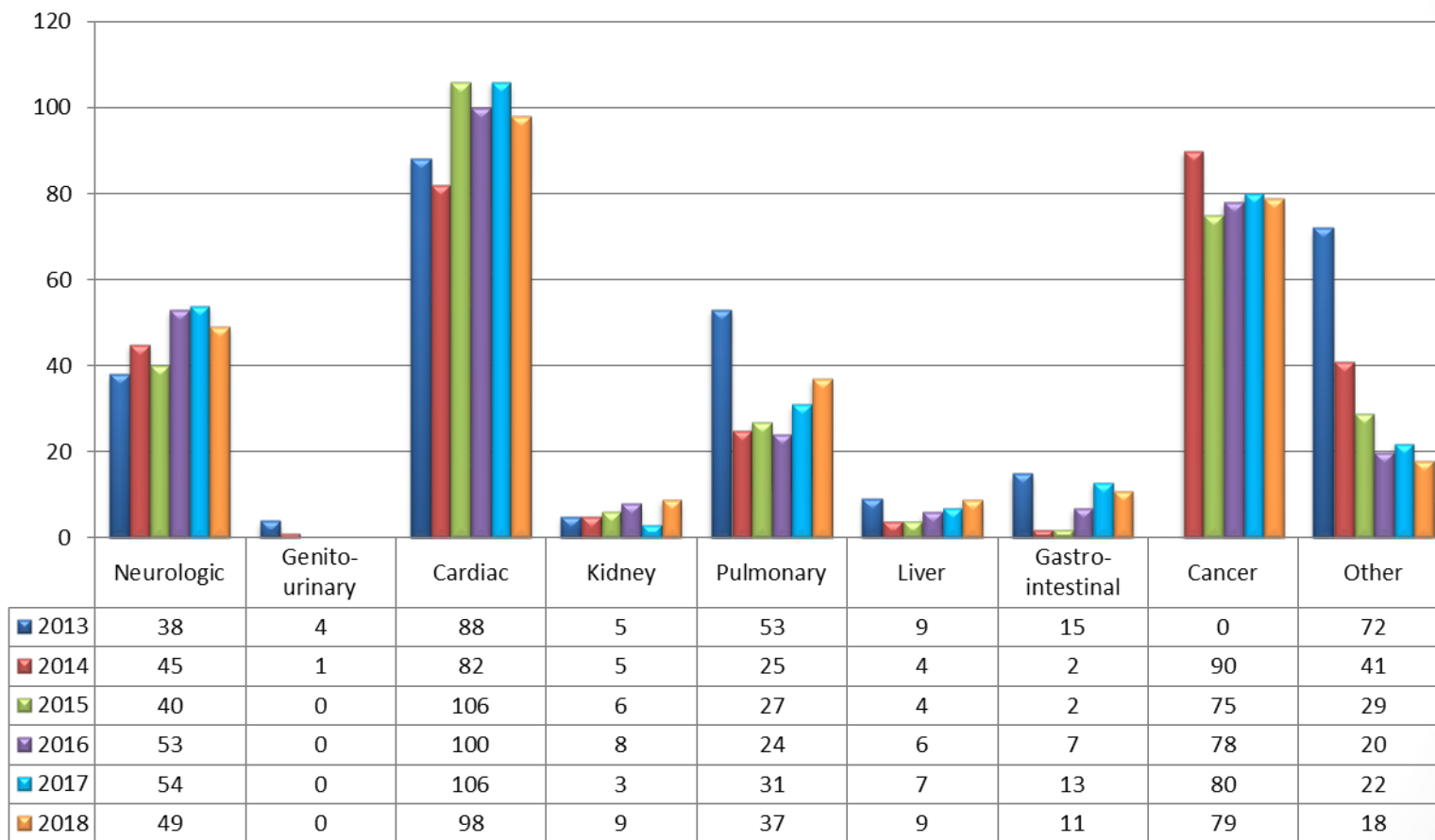


Drug Overdose Rate per Capita

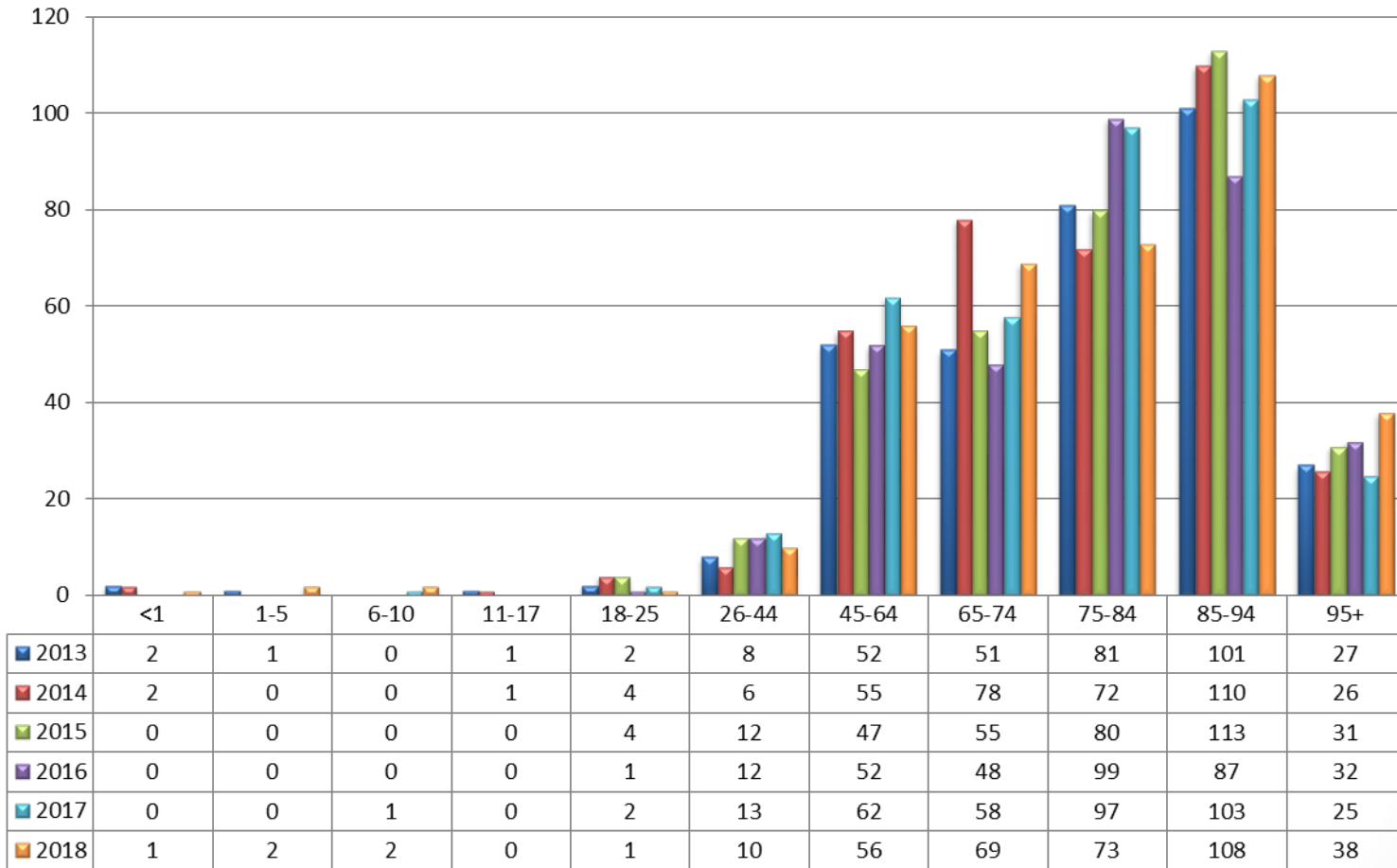
per 100,000 people; Based on 2017 data



Deaths by Natural Causes



Deaths by Age Group



Medical Examiner Activities

