



# Prioritizing Pedestrian and Bicycle Projects

Derek Leuer, PE | Traffic Safety Engineer

February 28<sup>th</sup>, 2018

# Agenda

## Topics

What is the Problem?

Past Plans and Solutions

GIS Analysis on Equity and Density (Erik)

Metro Risk Assessment

Statewide Risk Assessment

Combining the Maps

FHWA and RRFB

Questions and Discussion

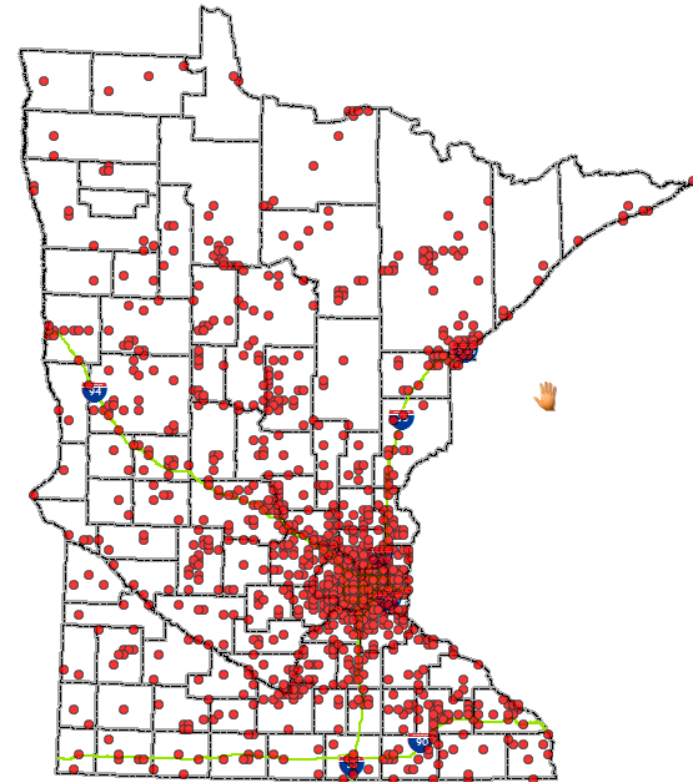


# What is the Problem

Derek Leuer

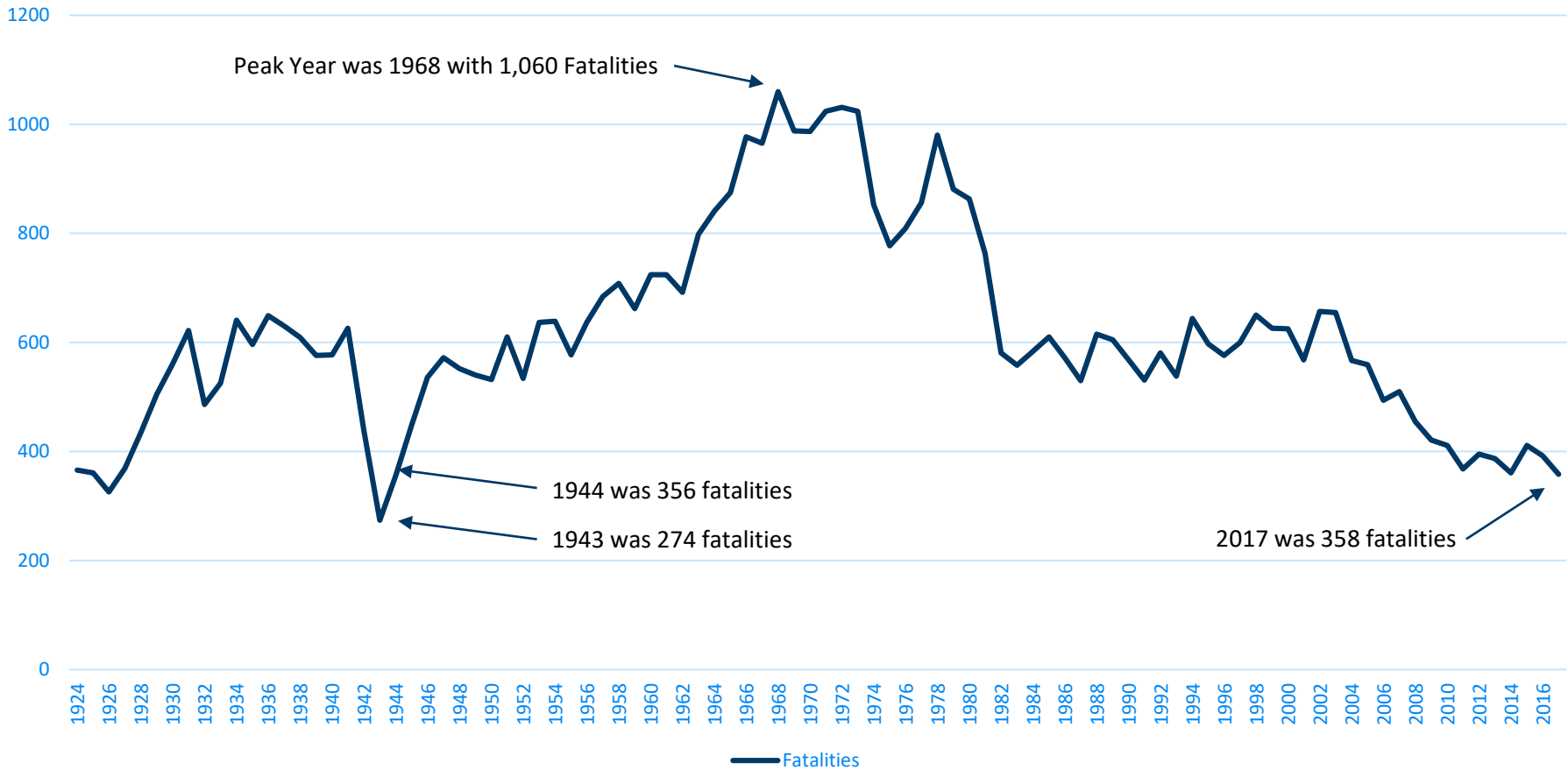
# What is the Problem

- Every year 1,600 to 2,000 Pedestrians and Bicyclists are involved with Motor Vehicle Crashes
- 22 fatalities (2014) – 67 fatalities (2016)
- Average is around 50 fatalities/year
- Average about 150 serious injuries/year



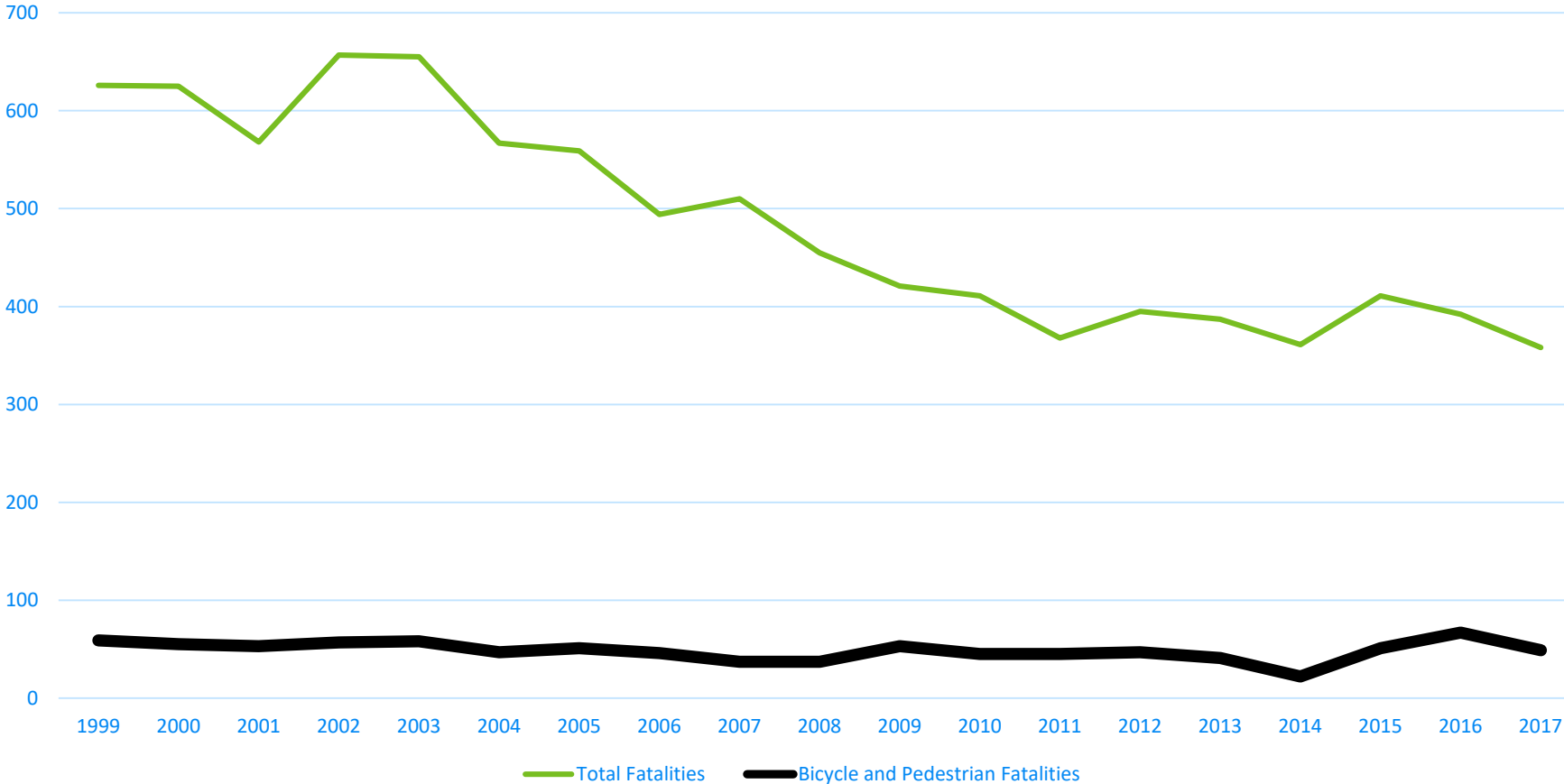
# What is the Problem

Minnesota Traffic Fatalities



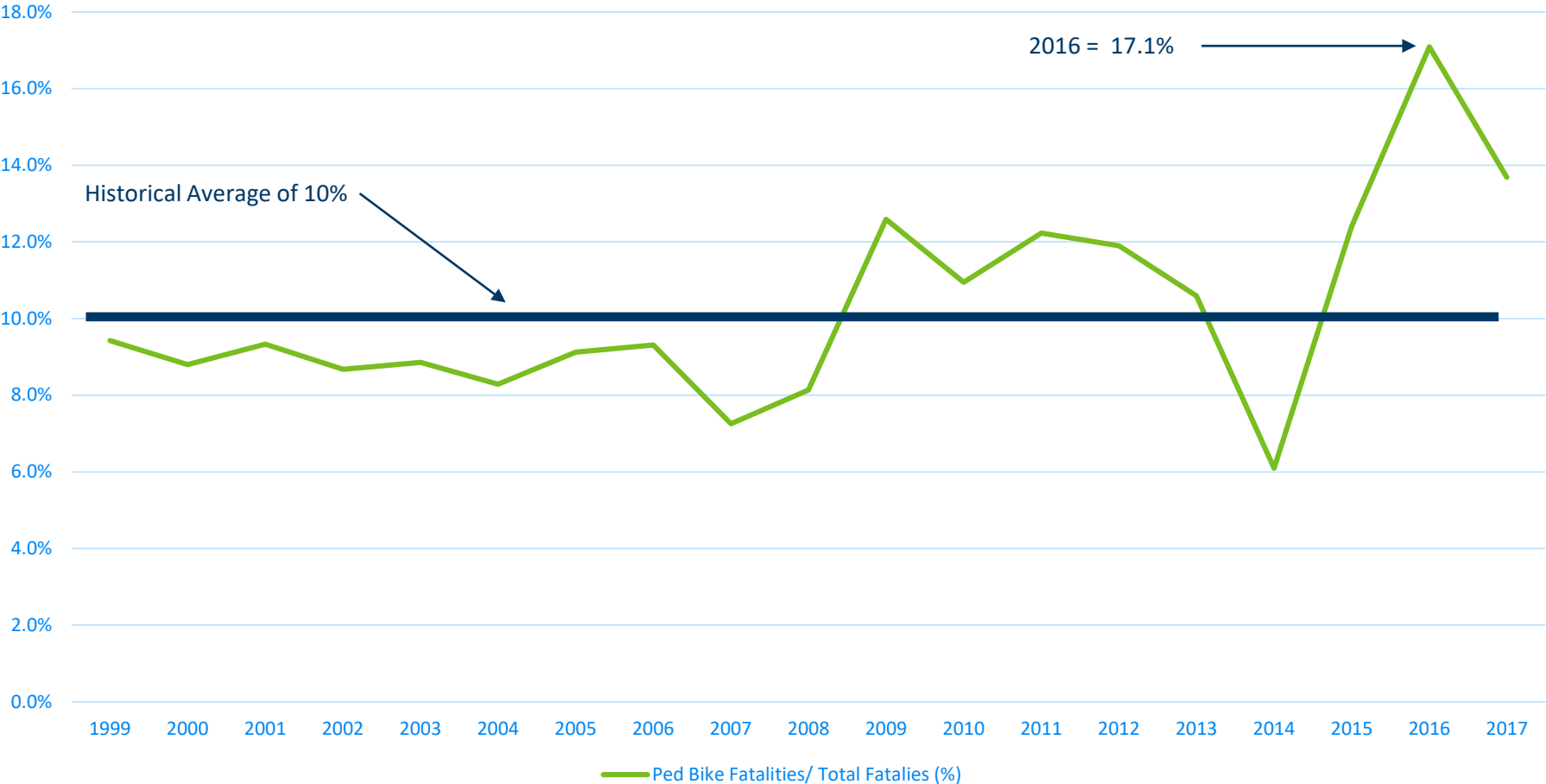
# What is the Problem

Ped and Bike Fatalities compared to Total Fatalities



# What is the Problem

Ped and Bike Fatalities compared to the Total Fatalies (%)



# Past Solutions



- Most agencies were auto-centric
- Ped/Bike was an after thought
- Discourage Biking and Walking
- Cities built for cars, not people
- Discrimination?



# Unintended Consequences

- People don't walk/bike
- Discourage Biking and Walking
- Obesity Epidemic
- Asthma, heart conditions, etc.

**57 percent of American children will grow up to be obese**



## Study Shows America's Obesity Rate At All-Time High

October 13, 2017 at 11:16 am

Filed Under: Glenn Schuck, Obesity



# Encourage Walking and Biking

## MINNESOTA WALKS

December 2016

 **A framework for action for creating safe, convenient and desirable walking and rolling for all.**



Minneapolis, Minnesota

## ship

statewide health improvement partnership

Minnesota   Statewide Bicycle System Plan  
A Collaborative Vision for Transportation  
AUGUST 2016



A program of the Minnesota Pollution Control Agency and its partners

Google Custom Search



Minnesota **GreenStep Cities**

## BIKE+ WALK

MINNESOTA 2018

# !!Colliding of the Worlds!!



- How do we mesh the two?
- How do we fund ped/bike?
- Changing a culture

# Why was this analysis done?



- Start to focus on Ped/Bike issues
- Identify needs with strategies
- More dedicated funding
- Public Demand!
- It's the right thing to do!