

#### **Local Data for Difficult Debates**

How Graying and Guns Differ Across Colorado

**Sara Schmitt** Director of Community Health Policy, CHI • **Sarah Johnson** Regional Health Connector **DECEMBER 7, 2017** 



#### **ABOUT US**

We believe that sound evidence and solid analysis leads to better health policy, and that better health policy leads to healthier Coloradans.

That is our work as Colorado's leading nonprofit and nonpartisan health policy research group.

And we are passionate about it.

### Key Takeaway

Solving complex health issues requires local information and partners.

Case Study #1: Colorado's Age Wave

Case Study #2: Firearms





# Solving Complex Health Issues Requires Local Information and Partners.

# Hot Issues in Health Tackles Complex Problems



Medicaid managed care



Behavioral health integration



**Opioids** 



#### We Can Define Complex Problems

**Solutions Issues** What is the problem? Why do we need to address it?



#### **Local Data Informs Solutions**

**Solutions Issues** What is the problem? **Local Data** Why do we need to address it?



#### **Local Partners Turn Information Into Action**

**Issues** 

What is the problem?

Why do we need to address it?

**Solutions** 

Local partners

**Local data** 





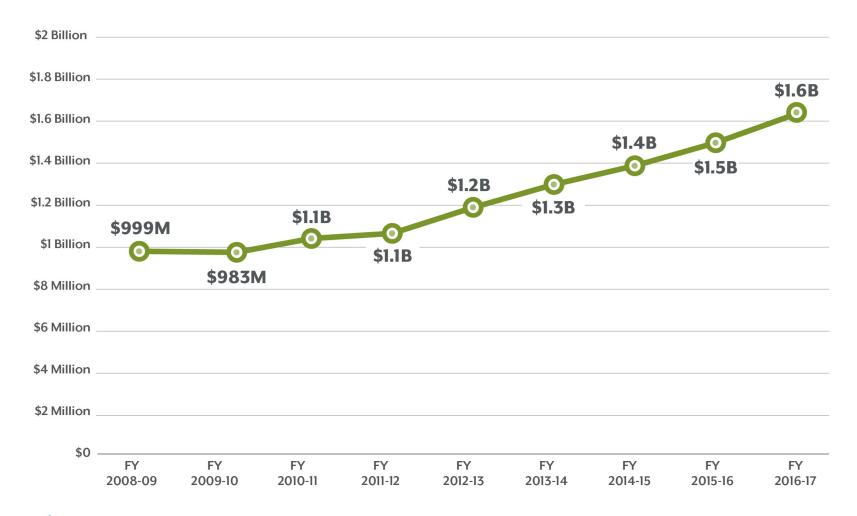
### Case Study #1: Colorado's Age Wave



- Colorado has the third fastest growing 65+ population in the United States.
- Colorado has the sixth lowest percentage of its population over age 65 in the United States.

Source: Colorado Department of Local Affairs, State Demography Office

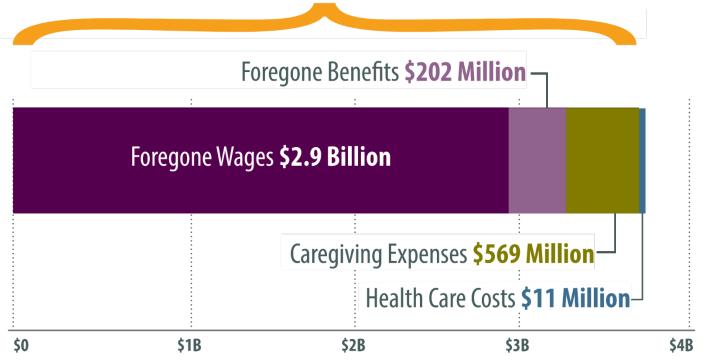
# Medicaid Spending for Long-Term Services and Supports in Colorado Climbing Steadily



Source: Colorado Department of Health Care Policy and Financing

#### **Unpaid Caregiving Has a High Price**

\$3.7 Billion Dollars in 2015





#### Finding Solutions for Colorado's Age Wave

**Solutions Issues** What is the problem? Why do we need to address it?



# Strategic Action Planning Group on Aging

POLITICS > COLORADO POLÍTICS

New adviser to Governor John Hickenlooper will focus on aging-related issues

Nearly one out of every five Coloradans will be over the age of 65 in 2040





"There won't be just one solution because the state is so very different. We have cities, we have the plains, we have the mountains, and they all have different needs."

Jim Riesberg, Chair of the Strategic Action Planning Group on Aging

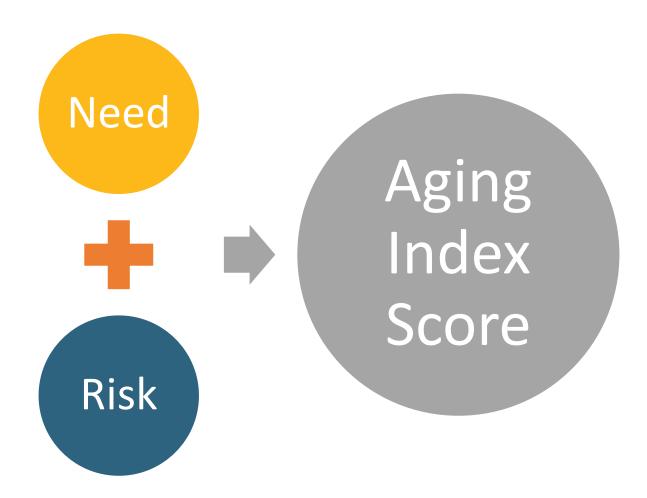


#### **Local Data Informs Solutions**

**Solutions Issues** What is the problem? **Local Data** Why do we need to address it?



# Aging Index Identifies Counties with Greatest Health Challenges





#### Factors in the Index

#### Need

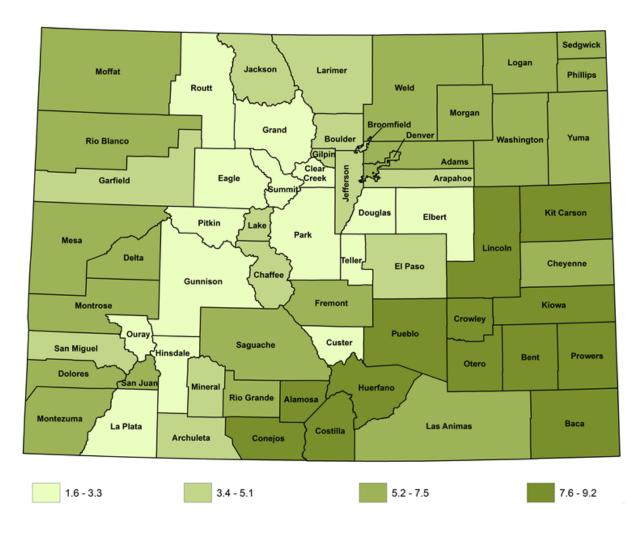
- Cognition
- Hearing
- Independent Living
- Self-Care
- Vision
- Walking and Stairs

#### Risk

- Age
- Education
- Living Alone
- Income

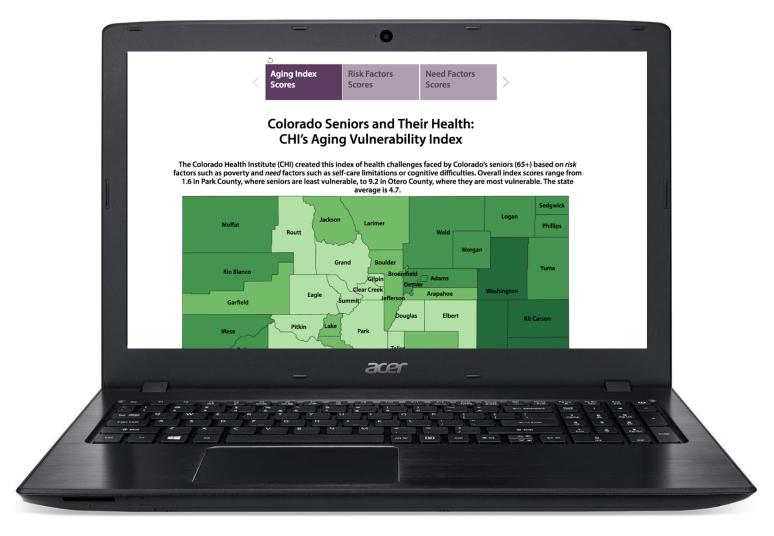


# Index Finds Seniors Most Vulnerable in Southeast Colorado and San Luis Valley



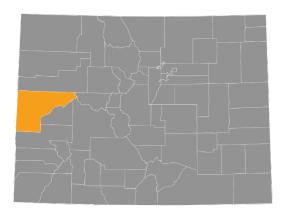
Source: Colorado Health Institute, Aging Vulnerability Index scores.

#### Using the Aging Vulnerability Index



coloradohealthinstitute.org

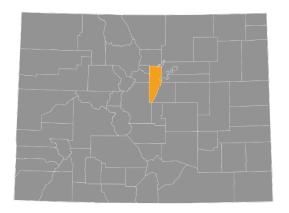




#### **Mesa County**

38 percent of seniors live alone.

27 percent of seniors are age 80 and older.



#### **Jefferson County**

18 percent of seniors have difficulties walking or climbing stairs.

**37 percent** of seniors live alone.



#### **Partners Act on Local Data**

**Issues** 

What is the problem?

Why do we need to address it?

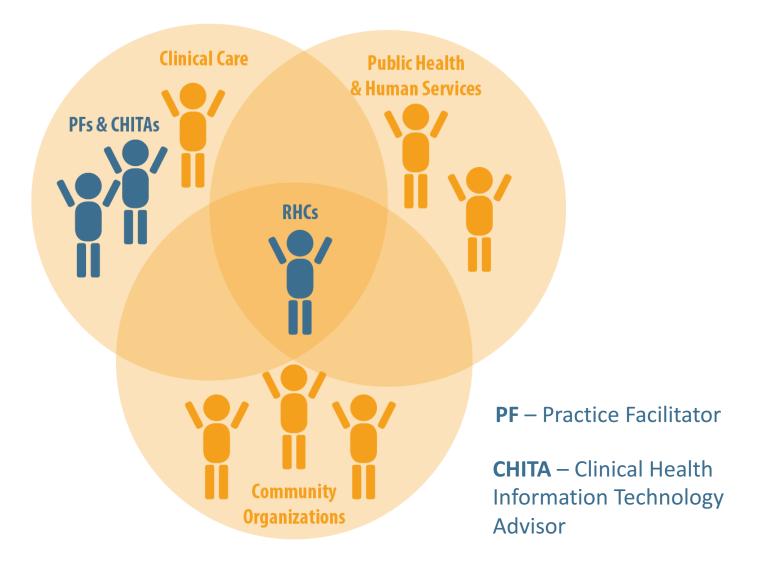
**Solutions** 

Local partners

**Local data** 



#### **RHCs Connect Partners for Action**





#### **Local Information Generates Solutions**

**Issues** 

What is the problem?

Why do we need to address it?

**Solutions** 

Local partners

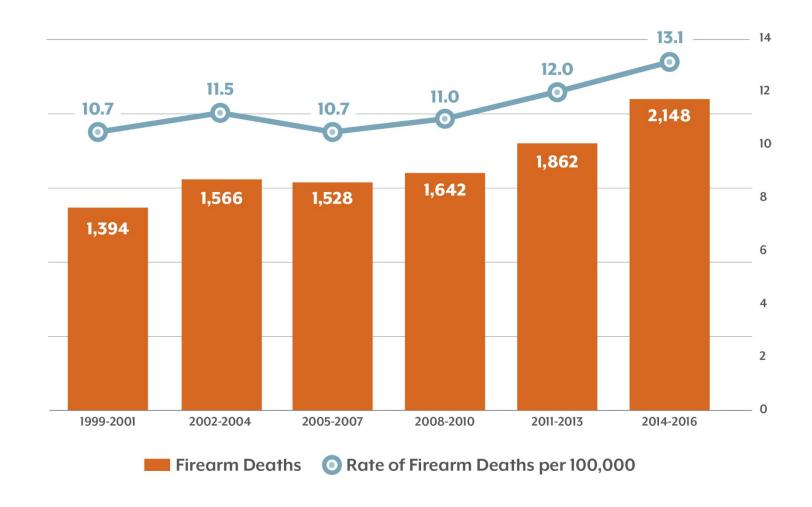
**Local data** 





# Case Study #2: Firearms

### **Growing Number of Firearm Deaths** in Colorado



Source: Colorado Department of Public Health and Environment. Rate per 100,000.

#### **Finding Solutions to Reduce Firearm Deaths**

**Solutions** Issues What is the problem? Why do we need to address it?



#### Death by Gun Violence—A Public Health Crisis

Public Health Approach to the Prevention of Gun Violence

David Hemenway, Ph.D., and Matthew Miller, M.D., M.P.H., Sc.D.

Gun control supporters in the public health field claim that gun violence is an "epidemic," but gun violence is alien to most people's experiences and the nation's murder rate has been cut by more than half since 1991.

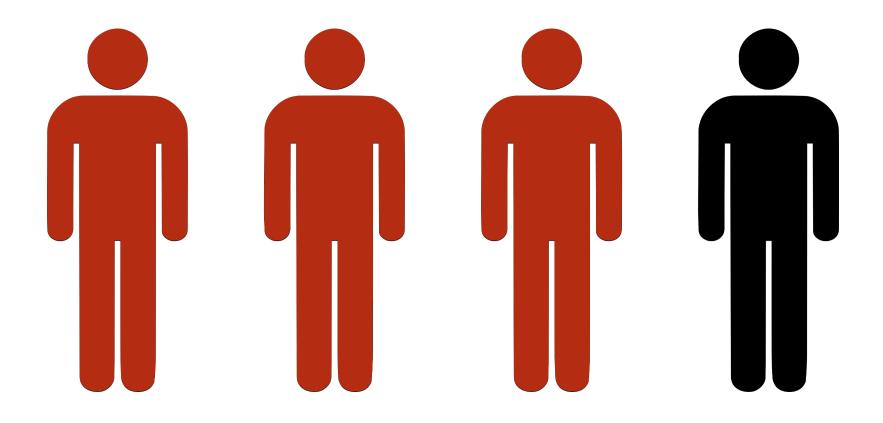


## **Using Local Information to Create Solutions to Firearm Deaths**

**Solutions Issues** Rates **Local Data** Numbers



#### **Most Firearm Deaths Are Suicides**



Source: Colorado Department of Public Health and Environment

 One of two deaths by suicide are with a firearm.

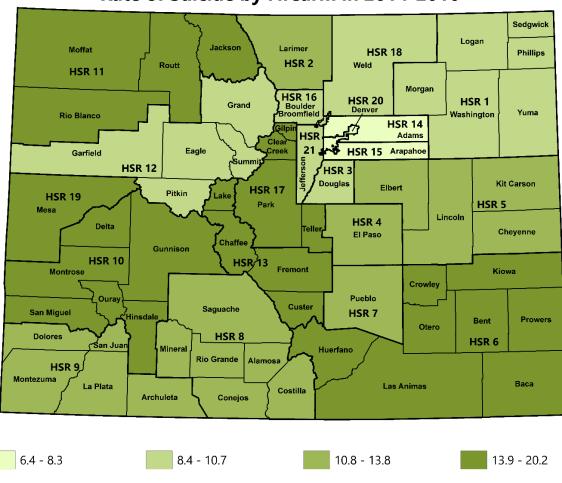
 Firearm is the most common method of suicide among all Coloradans age 15 and older.



Source: Colorado Department of Public Health and Environment

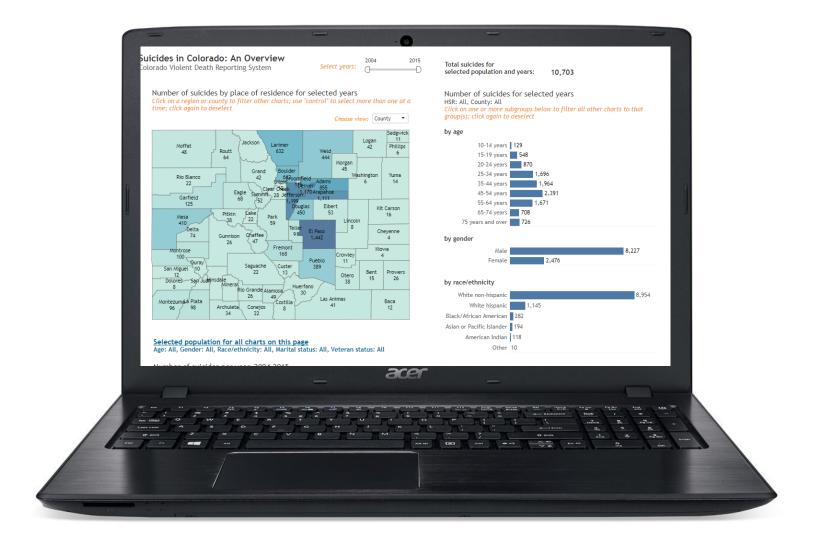
### **Suicide by Firearm Rates Highest** in Rural Colorado

#### Rate of Suicide by Firearm in 2014-2016



Source: Colorado Department of Public Health and Environment. Rates per 100,000.

HOT



#### **CDPHE Suicide Dashboard**



#### **Local Partners Generate Solutions**

**Issues** 

What is the problem?

Why do we need to address it?

**Solutions** 

Local partners

**Local data** 



# "Suicide prevention is part of gun safety."

Dick Abramson, president and CEO of the Centennial Gun Club.



#### **Gun Shop Project**



#### **GUN OWNERS CAN HELP!**

#### CONCERNED ABOUT A FAMILY MEMBER OR FRIEND?

Putting time and distance between a suicidal person and a gun helps keep them safe. Explore options to temporarily store guns out of the home. You may save a life!

#### Are they suicidal?

- Depressed, angry, impulsive?
- Going through a relationship break-up, legal trouble, or other setback?
- Using drugs or alcohol more often?
- Withdrawing from things they used to enjoy?
- Talking about being better off dead?
- Losing hope?
- Acting reckless?
- Feeling trapped?

For ways to help, call the National Suicide Prevention Lifeline: 1-800-273-TALK [8255]



- SUICIDES IN COLORADO FAR OUTNUMBER HOMICIDES there are about 4 firearm suicides for every firearm homicide
- FIREARMS ARE THE
  LEADING METHOD OF SUICIDE
  and are used in half of all suicide
  deaths
- ATTEMPTS WITH A GUN
  ARE GENERALLY MORE DEADLY
  than attempts with other methods



Newly added 11th Commandment: Consider temporary off-site storage if a family member may be suicidal. Consider temporary off-site storage if a family member is suicidal. When an emotional crisis (like a break-up, job loss, legal trouble) or a major change in someone's behavior (like depression, violence, heavy drinking) causes concern, storing guns outside the home for a while may save a life. Family, friends, as well as some shooting clubs, police departments, or gun shops may be able to store guns for you temporarily.\*

\*To become fully informed about making a temporary gun transfer, review Colorado gun laws, including C.R.S. §18-12-112, or consult an attorney.



#### **Gun Shop Project Is Statewide**



Counties with Gun Shop Project Locations



#### **Local Information Generates Solutions**

**Issues** 

What is the problem?

Why do we need to address it?

**Solutions** 

Local partners

**Local data** 



### Key Takeaway

Solving complex health issues requires local information and partners.

Case Study #1: Colorado's Age Wave

Case Study #2: Firearms





#### **Sara Schmitt**

@CHI\_SaraS

