Using Family Violence Data to Build Support for Prevention

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Outline

Overview

- What is "family violence" data?
- Why should I use data?

Results

- Ohio
- Counties

How to use data

- Grant-writing/Awareness vs. Planning/Evaluation
- Themes
- Proper ways to quote data
- Demonstration (with volunteers)

Discussion/Q&A

What is Family Violence Data?

*Information about
the risk factors for,
scope of,
and consequences of
of family violence
in Ohio.*

- *child maltreatment*
- *intimate partner violence*
- *elder abuse*

Selected sources of quantitative FV data in Ohio

- Case reports
  - Ohio Incident-Based Reporting System (OIBRS)
  - Statewide Automated Child Welfare Information System (SACWIS)

- Case tallies
  - Adult protective services management summary reports (ODJFS)
  - Police call data (BCI)
  - Shelter data (AGO)
  - Civil protection orders (SCO)

- Surveys
  - Youth Risk Behavior Survey (YRBS): teen dating violence
  - Ohio Family Health Survey (OFHS): physical IPV
  - National Incidence Study - 4: child maltreatment
  - National Elder Mistreatment Study

Two Principles

1. Keep it local
   – county
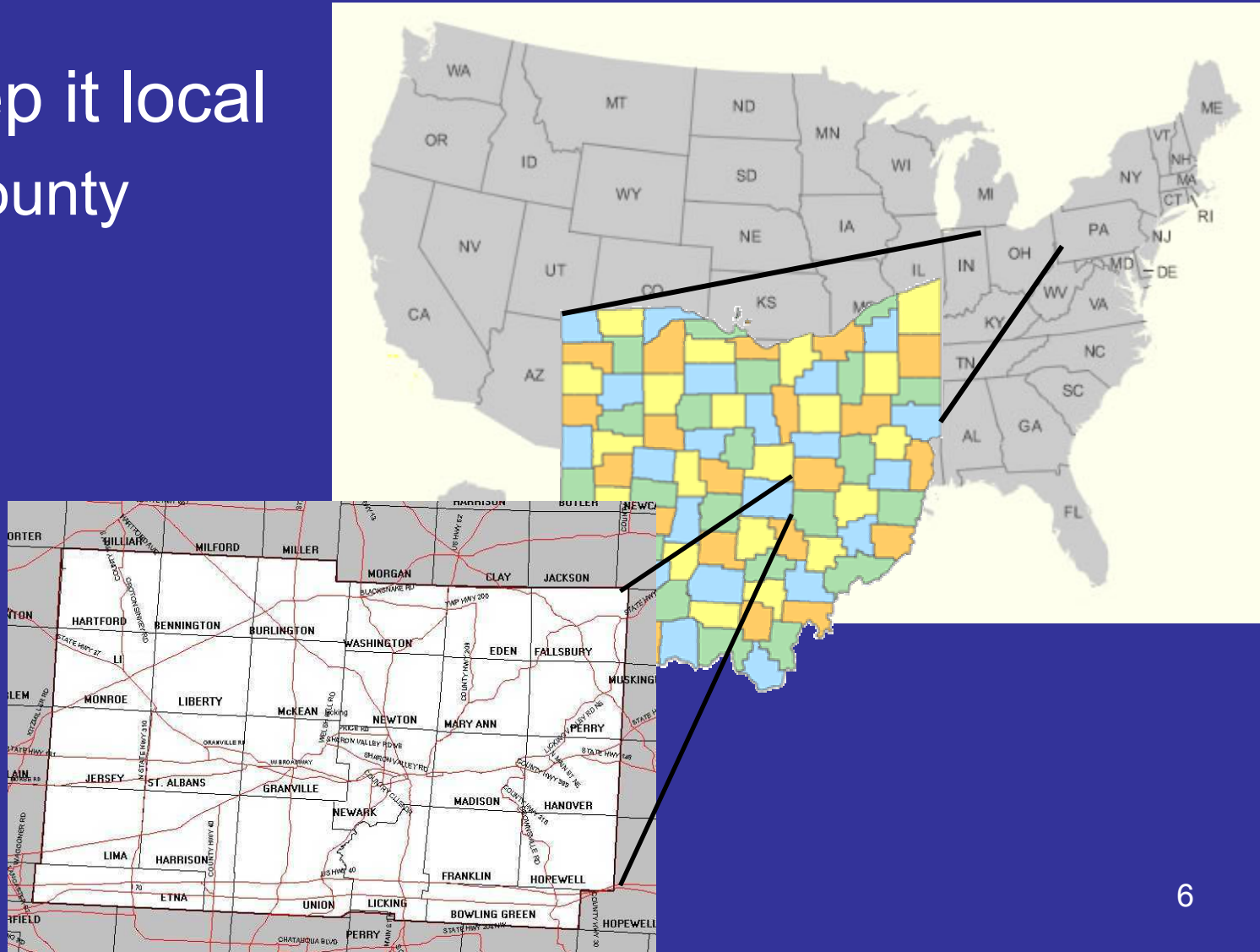
2 principles

1. Keep it local
   – county

2. Put it in context
   - Compared to what?

Context

- Period
  - How does my county compare to last year?

- Place
  - How does my county compare to others?

- Problem
  - How does elder abuse compare to other problems in my county ?

Why Use Data?

Why don't we use data?

- Every source is imperfect
  - especially for complex issues like FV

- Different "case" definitions
  - fear of undercounting

- Difficult to find and report
  - Access local level data
  - Skills to report findings accurately

So - Why bother…?

- "If you don't count it, it doesn't count"
  - others use data

- "the numbers favor FV"

- Builds credibility

Results

http://www.hpio.net/OFVPP_CountyProfiles.html

Family Violence in Ohio

These data describe common types of violence perpetrated by family members or caregivers in our state each year. We present the best available, most recent estimates. Nonetheless, our figures are conservative and represent only part of the burden family violence places on our families and communities. All figures are estimates or annual averages.

Each year in our state…

38,000 – 56,000 children are abused or neglected	**88,000 – 115,000** adults are physically abused by a current or former intimate partner	**90,000 – 115,000** seniors in the community are abused, neglected or financially exploited
105,245 reports of abuse or neglect are filed with children's services	**21,800** people are arrested for intimate partner violence	**6,900 – 13,700** seniors in LTC facilities are abused, neglected or financially exploited
26,853 children are placed in custody	**18,822** people file petitions for civil protection orders	**7,530** reports of abuse, neglect or exploitation are filed for seniors in the community
	3,998 adults seek shelter in domestic violence shelters in the county	**3,163** reports of abuse, neglect or exploitation are filed for seniors in LTC facilities

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- It is difficult to measure the true prevalence of family violence; many victims never come to the attention of authorities.

- Reports to local children's service agencies typically exceed the estimated number of abused or neglected children. This is likely due to multiple reports filed for a single child. Also, many children are placed in custody for reasons other than abuse or neglect (e.g., delinquency).

- Elder abuse/neglect figures exclude self-neglect and victims <60 years old. (LTC = long term care)

In Ohio, how does family violence compare to other threats among …?

teenage girls (age 15-19, est. # /year)

cigarette use	67,000 - 118,000
dating violence	32,000 – 49,000
pregnancies	26,228
motor vehicle crash injuries	8,697

adult women (age 18+, est. # / year)

physical intimate partner violence	56,000 – 78,000
motor vehicle crash injuries	51,007
mothers without 1st trimester prenatal care	42,900
new cancer cases	30,550

seniors (age 60+, est. # / year)

injuries from falls	66,000 – 128,000
elder abuse/neglect	90,000 – 115,000
new cancer cases	40,289
motor vehicle crash injuries	13,505

- For example: each year in Ohio between 56,000 and 78,000 adult women experience physical intimate partner violence; in comparison, 51,007 adult women are injured in motor vehicle crashes.

How do different types of counties compare?

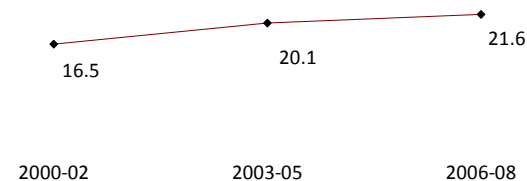| County type (# of counties)	Petitions for civil protection orders (per 10,000 adults)	Reports of abuse, neglect or exploitation in LTC facilities (per 100 resident beds)
Major metropolitan (6)	25.9	2.8
Suburban (18)	22.7	1.8
Smaller metropolitan (7)	24.5	2.2
Appalachian (29)	28.9	2.2
Non-Appalachian rural (28)	18.4	1.7
State mean (88)	21.6	2.3

- **Appalachian counties** have a higher rate of petitions for civil protection orders (CPO's).
- **Major metropolitan counties** have a higher rate of reports of abuse, neglect or exploitation in LTC facilities.
- Differences in data collection limit our ability to compare other indicators of family violence across counties.

Is family violence increasing?

It is hard to say. Some data sources suggest family violence is increasing; others suggest it is stable or decreasing. Within a location, changes over time are largely due to changes in victims' ability to access services. This graph, for example, suggests a significant increase in petitions for CPO's. This trend could reflect a growing awareness or ability of victims to request CPO's. For a discussion of when differences are noteworthy, please see the introduction.

Mean annual rate of petitions for civil protection orders, per 10,000 adults, Ohio, 2000-2008

2000-02	2003-05	2006-08
16.5	20.1	21.6

To talk with someone about family violence, contact:
Child Abuse Hotline: 1-800-4-A-CHILD
Ohio Domestic Violence Network 1-800-934-9840
Ohio Area Agencies on Aging: 1-866-243-5678

Counties

http://www.hpio.net/OFVPP_CountyProfiles.html

Family Violence in Franklin County

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Each year in our county...

3,900 - 5,900 children are abused or neglected

8,400 - 11,000 adults are physically abused by a current or former intimate partner

6,500 - 8,400 seniors in the community are abused, neglected or financially exploited

12,883 reports of abuse or neglect are filed with children's services

2,800 people are arrested for intimate partner violence

490 - 990 seniors in LTC facilities are abused, neglected or financially exploited

5,327 children are placed in custody

1,486 people file petitions for civil protection orders

778 reports of abuse, neglect or exploitation are filed for seniors in the community

275 adults seek shelter in domestic violence shelters in the county

249 reports of abuse, neglect or exploitation are filed for seniors in LTC facilities

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- Reports to local children's service agencies typically exceed the estimated number of abused or neglected children. This is likely due to multiple reports filed for a single child. Also, many children are placed in custody for reasons other than abuse or neglect (e.g., delinquency).

- Elder abuse/neglect figures exclude self-neglect and victims <60 years old. (LTC = long term care)
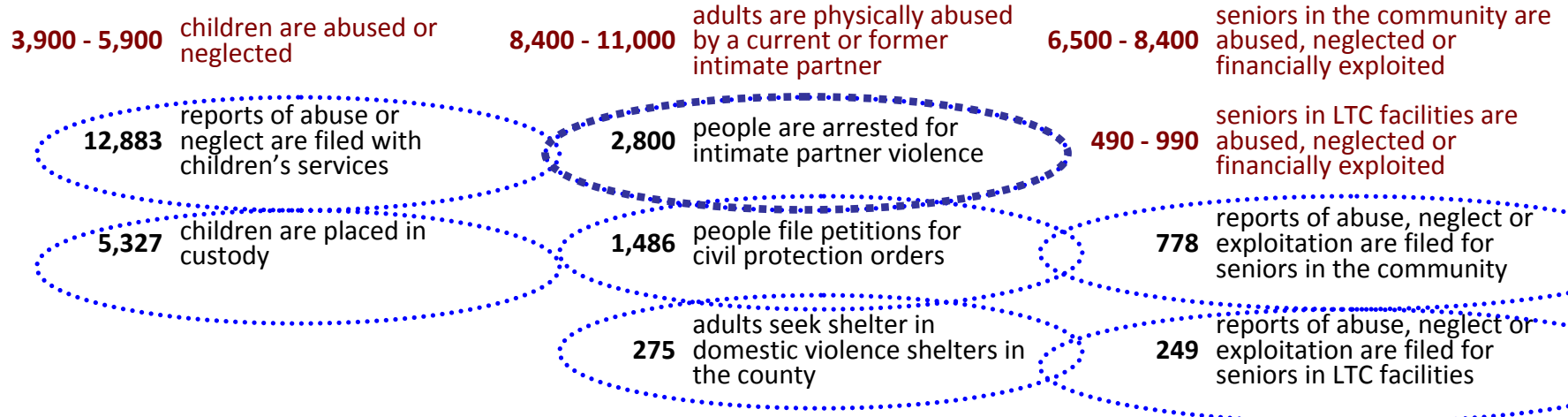
Underlying Prevalence

- Cases that come to authorities' attention *and* those that do not.

- Interpolated from national data
  - assumes Ohio is similar to US average
  - assumes each county is similar to US average

- Range reflects uncertainty

Family Violence in **Franklin County**

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Case Reports & Tallies

- Only cases that come to authorities' attention.

- "reports" ≠ individuals

- Influenced by…
  - Agency capacity
  - Reporting procedures
  - Underlying prevalence

In Franklin County, how does family violence compare to other threats among …?

teenage girls *(age 15-19, est. # /year)*

cigarette use	6,700-11,800
dating violence	3,200-4,900
pregnancies	2,946
motor vehicle crash injuries	775

adult women *(age 18+, est. # / year)*

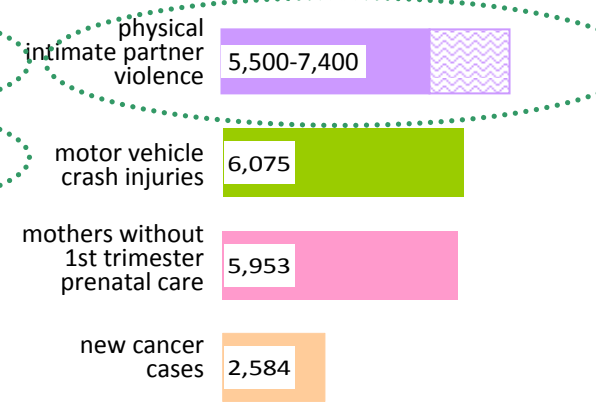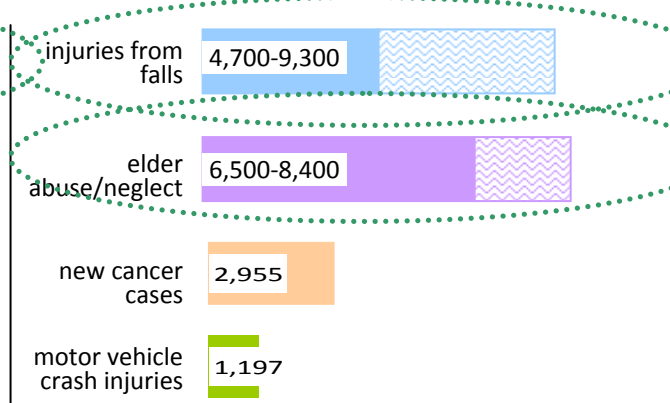|	
physical intimate partner violence	5,500-7,400
motor vehicle crash injuries	6,075
mothers without 1st trimester prenatal care	5,953
new cancer cases	2,584

seniors *(age 60+, est. # / year)*

injuries from falls	4,700-9,300
elder abuse/neglect	6,500-8,400
new cancer cases	2,955
motor vehicle crash injuries	1,197
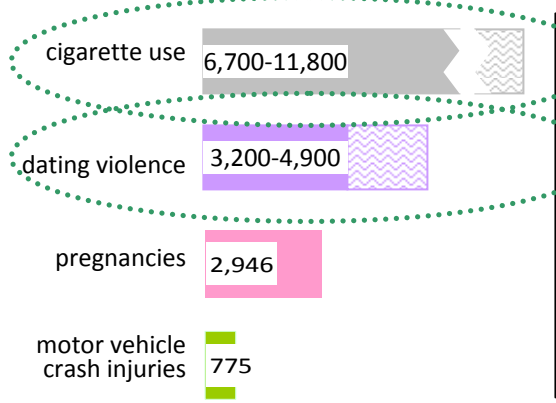
- For example: each year in our county between 5,500 and 7,400 adult women experience physical intimate partner violence; in comparison, 6,075 adult women are injured in motor vehicle crashes.
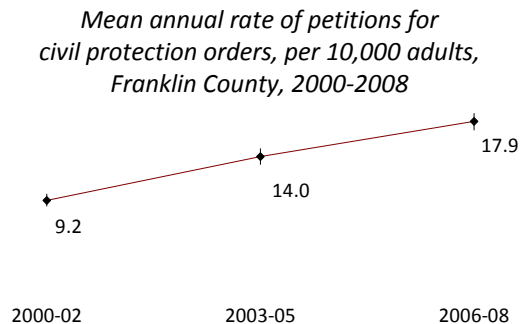
How do we compare to other counties?

	Franklin County	Mean of 6 major metro counties	State mean
Civil protection order petitions (per 10,000 adults)	17.9	25.9	21.6
Reports of abuse, neglect or exploitation in LTC facilities (per 100 resident beds)	2.5	2.8	2.3

- Franklin County has **a lower rate** of petitions for civil protection orders (CPO's) compared to similar counties in Ohio.
- Franklin County has **about the same rate** of reports of abuse, neglect or exploitation in LTC facilities compared to similar counties in Ohio.
- Differences in data collection limit our ability to compare other indicators of family violence across counties.

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Mean annual rate of petitions for civil protection orders, per 10,000 adults, Franklin County, 2000-2008

2000-02	2003-05	2006-08
9.2	14.0	17.9

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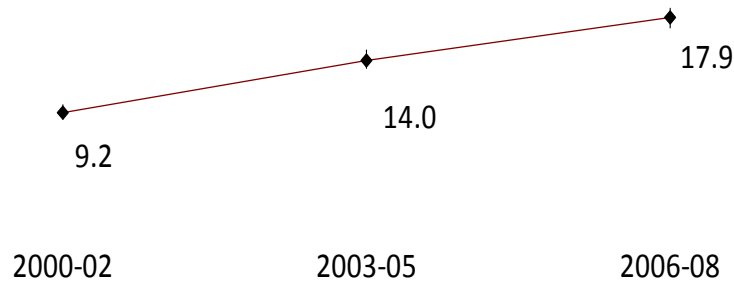
When are differences noteworthy?

- Apparent differences are often due to chance

- Calculate a range beyond which we are confident differences are (probably) not due to chance
  - "confidence interval"

- Fewer cases → larger confidence intervals

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Mean annual rate of petitions for civil protection orders, per 10,000 adults, Franklin County, 2000-2008

9.2

14.0

17.9

2000-02   2003-05   2006-08

How To Use OFVPP Data

Ways of Using Data

- Planning

- Evaluation

} Use data to find an answer

- Grant-Writing

- Advocacy

} Use data to support your answer

Using data to show that FV in Ohio is…

- Common

- Consequential

- Changeable

Available Research Findings

	Child abuse & neglect	Intimate partner violence	Elder abuse & neglect
Common	√	√	√
Consequential	√	√	√
Changeable	√	√	

Available OFVPP Data

	Child abuse & neglect	Intimate partner violence	Elder abuse & neglect
Common	√	√	√
Consequential	√	√	√
Changeable		√	√

To show that FV is common…

- Emphasize *past-year* prevalence

- Emphasize local

- Case reports build credibility

Each year in Fairfield County…

- At least 1,100 adults are physically abused by a current or former intimate partner

- A huge direct burden on county agencies
  - 300 arrests for IPV
  - 137 requests for civil protection orders
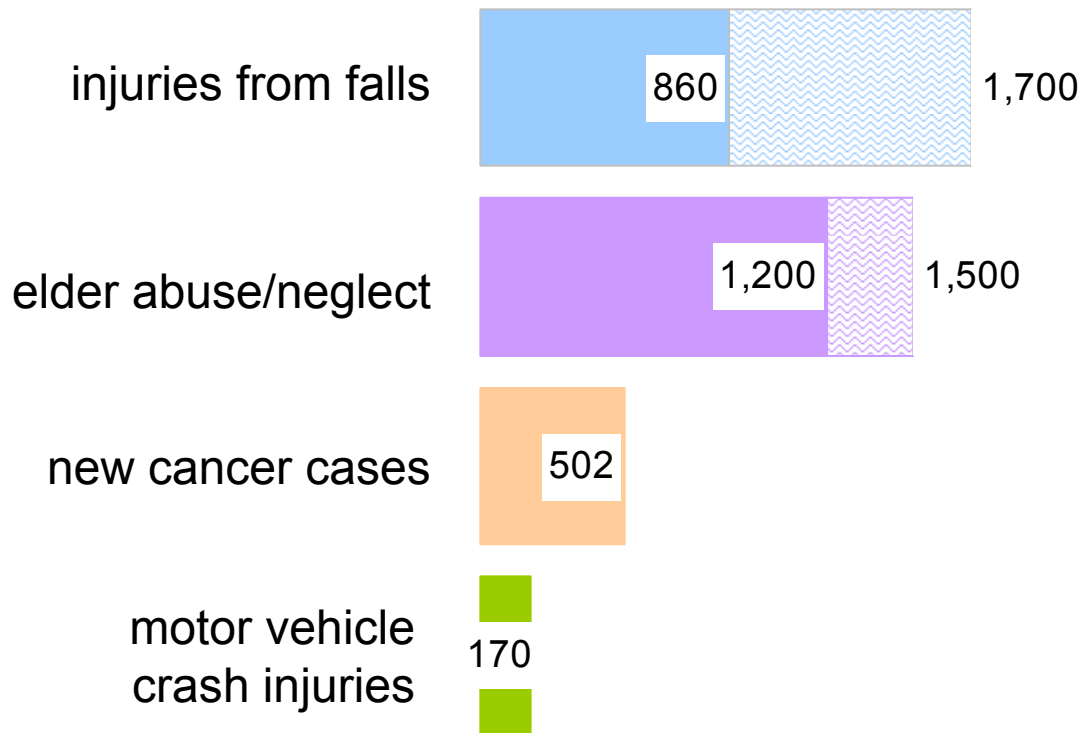 - 69 adults seek shelter in DV shelters

To show that FV is common…

- Emphasize *past-year* prevalence

- Emphasize local

- Case reports build credibility

- Put in context of other problems ⟵

Selected threats to seniors' health in Licking County:

Estimated number of cases per year among seniors age 60+

injuries from falls	860 — 1,700
elder abuse/neglect	1,200 — 1,500
new cancer cases	502
motor vehicle crash injuries	170

injuries from falls and elder abuse/neglect are based on survey samples and present a low and high estimate
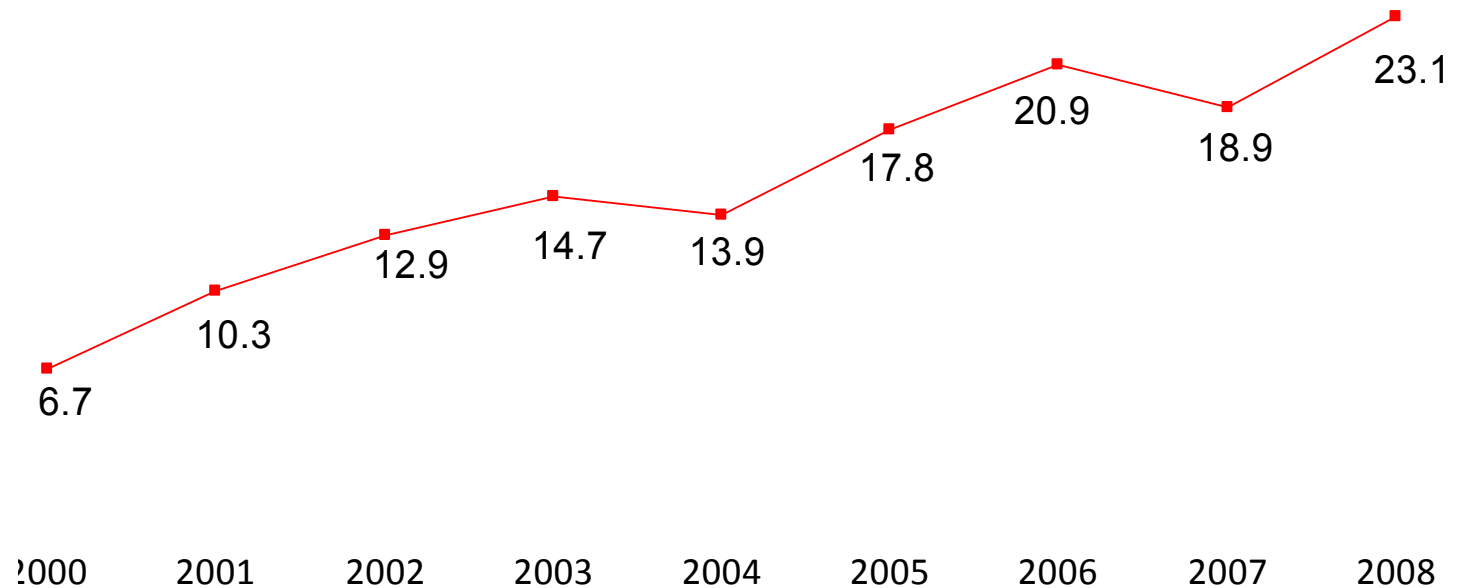
To show that FV is consequential…

- Association with other outcomes
  - illness & injury
  - disability
  - employment
  - homelessness
  - death

- Cost
  - agency burden

To show that FV is changeable…

- Highlight change over time

- Consider differences across place

- Cite intervention research

petitions for civil protection orders per 10,000 residents: Allen County, 2000-2008

6.7 10.3 12.9 14.7 13.9 17.8 20.9 18.9 23.1

2000 2001 2002 2003 2004 2005 2006 2007 2008

We need to acknowledge…

- FV is not equally common everywhere

- FV is not always getting worse

- Not all programs and policies work

Themes

Themes

- Each year, many victims of family violence never come to the attention of authorities.

- Family violence places a tremendous burden on social service agencies.

- Certain types of family violence are every bit as common as other, more widely recognized threats to health and well-being.
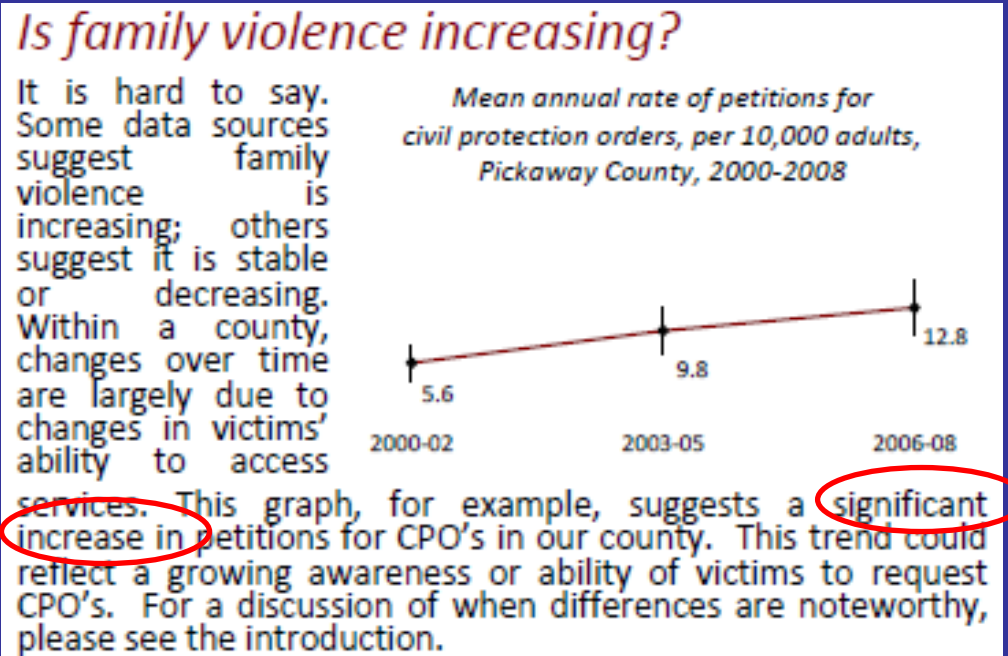
Each year, many victims of family violence never come to the attention of authorities.

"According to a recent study, at least 820 elders are abused or neglected each year in Delaware County, yet the local adult protective service agency only received 48 reports."

Delaware County

caregivers in our county each year. We present
ive and represent only part of the burden family
ual averages.

abused | 820 – 1,000 | seniors in the community are abused, neglected or financially exploited
or ence | 50 – 100 | seniors in LTC facilities are abused, neglected or financially exploited
or s | 48 | reports of abuse, neglect or exploitation are filed for seniors in the community
elters in | 10 | reports of abuse, neglect or exploitation are filed for seniors in LTC facilities

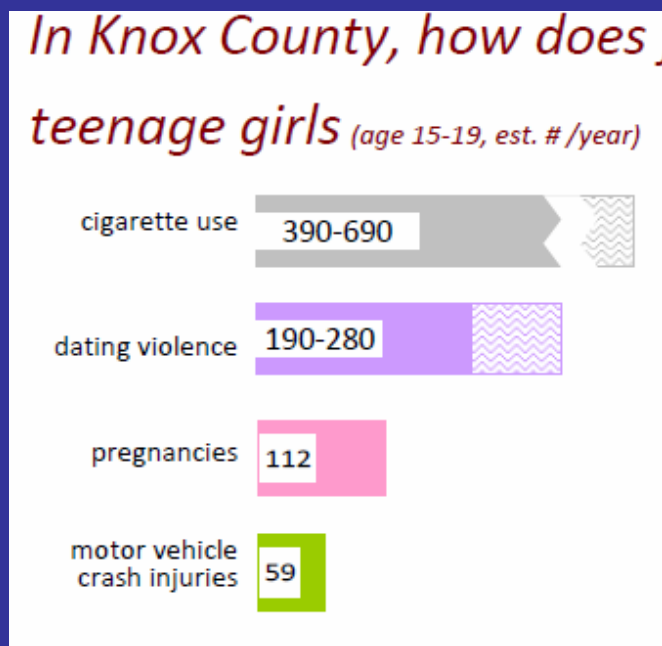# Family violence places a tremendous burden on social service agencies.

"Since 2000-02, the number of petitions for civil protection orders in Pickaway County has jumped 129%."

Is family violence increasing?

It is hard to say. Some data sources suggest family violence is increasing; others suggest it is stable or decreasing. Within a county, changes over time are largely due to changes in victims' ability to access services. This graph, for example, suggests a significant increase in petitions for CPO's in our county. This trend could reflect a growing awareness or ability of victims to request CPO's. For a discussion of when differences are noteworthy, please see the introduction.

Mean annual rate of petitions for civil protection orders, per 10,000 adults, Pickaway County, 2000-2008

5.6 — 2000-02
9.8 — 2003-05
12.8 — 2006-08

$$\frac{(12.8 - 5.6)}{5.6} = 1.29 = 129\%$$

Certain types of family violence are every bit as common as other, more widely recognized threats to health and well-being.

"One recent study estimated that each year in Knox County, at least 190 teenage girls experience dating violence, compared to 59 who are injured in motor vehicle crashes."
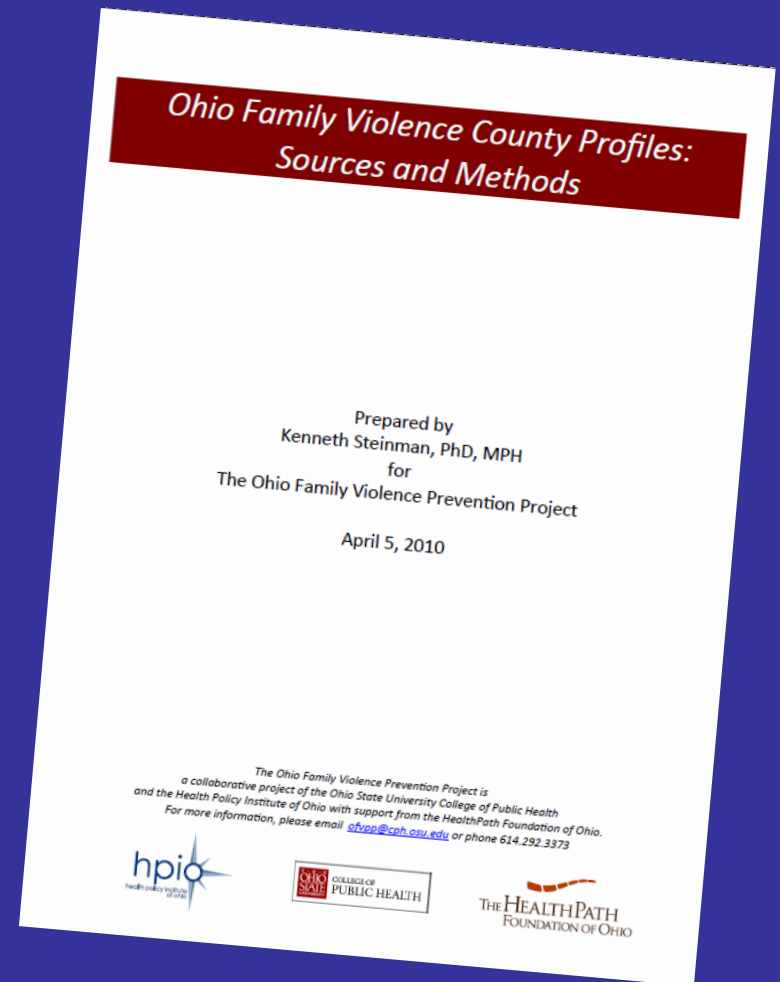
In Knox County, how does

teenage girls (age 15-19, est. # /year)

cigarette use	390-690
dating violence	190-280
pregnancies	112
motor vehicle crash injuries	59

Quoting A Range

- Can be confusing, unwieldy

- 3 options:
  - between
  - at least
  - as many as

- "…a recent study found that <u>between 3,900 and 5,900</u> children are abused or neglected in our county each year."

- "…a recent study found that <u>at least 3,900</u> children are abused or neglected in our county each year."

- "…a recent study found that <u>as many as 5,900</u> children are abused or neglected in our county each year."
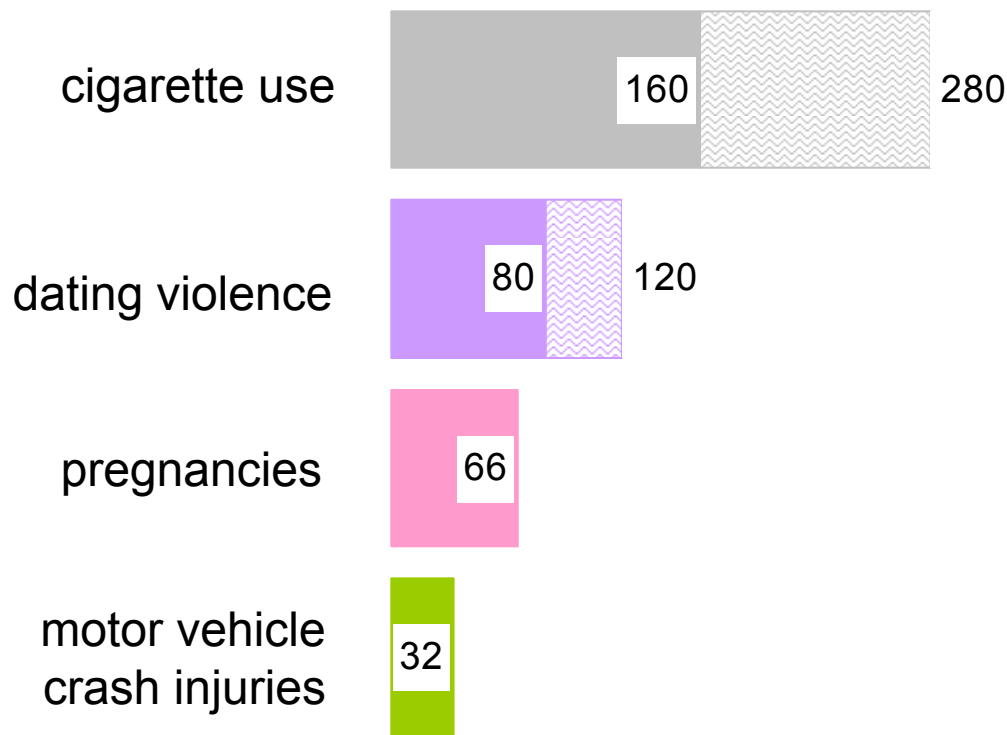
A Plea and a Warning

- Know the details!

- Read the relevant parts of "Sources and Methods"

- Avoid undermining your work and the data

Ohio Family Violence County Profiles: Sources and Methods

Prepared by
Kenneth Steinman, PhD, MPH
for
The Ohio Family Violence Prevention Project

April 5, 2010

The Ohio Family Violence Prevention Project is a collaborative project of the Ohio State University College of Public Health and the Health Policy Institute of Ohio with support from the HealthPath Foundation of Ohio. For more information, please email ofvpp@cph.osu.edu or phone 614.292.3373

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Creating Compelling Graphs

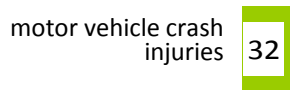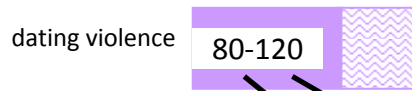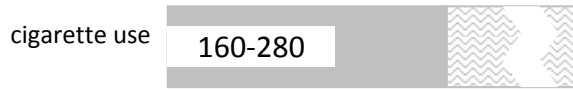# Selected threats to teenage girls' health in Adams County:

Estimated number of cases per year among 15-19 year old females

cigarette use — 160 — 280

dating violence — 80 — 120

pregnancies — 66

motor vehicle crash injuries — 32

cigarette use and dating violence are based on survey samples and present a low and high estimate

...o teenage girls' health

...s County:

... year among 15-19 year old females

cigarette use — 160-280

280

dating violence — 80-120

pregnancies — 66

motor vehicle crash injuries — 32

120 – 80 = 40

pregnancies 66

motor vehicle crash injuries 32

2010april_orvpsil_data_for... - Datasheet

		A	B	C	D
		estimate (or LCL)	UCL-LCL	UCL	
1	mv crash injuries	32			
2	pregnancies	66			
3	dating violence	80	40	120	
4	cigarettes	160	120	280	
5					

cigarette use and dating violence are based on survey samples and present a low and high estimate

Selected threats to teenage girls' health in Adams County:

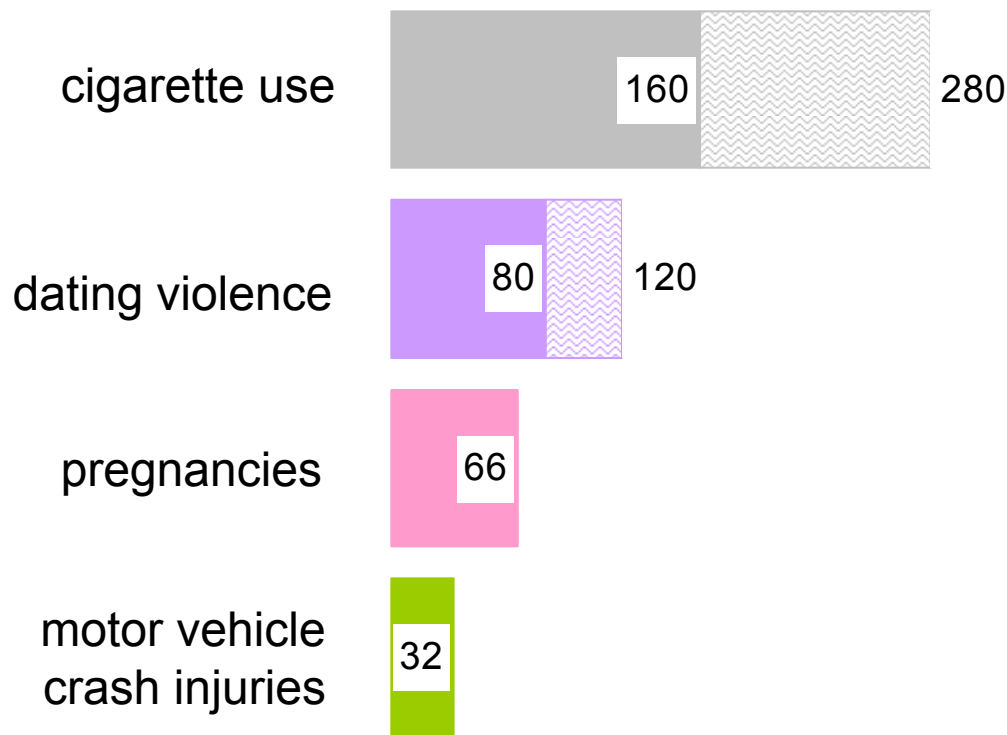Estimated number of cases per year among 15-19 year old females

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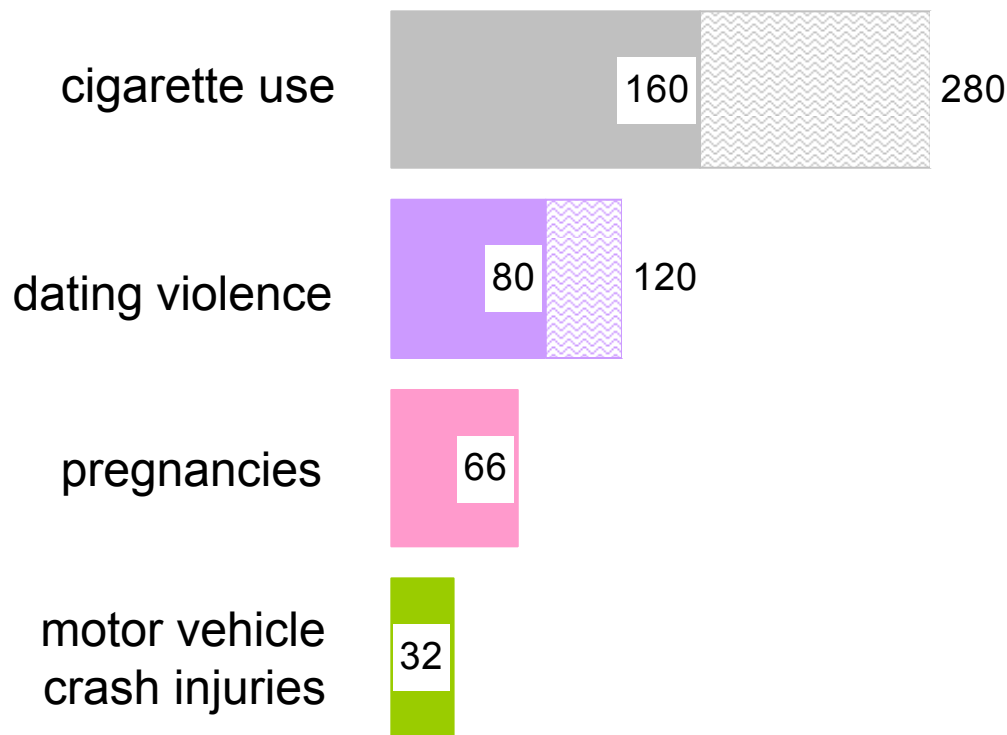
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Demonstration
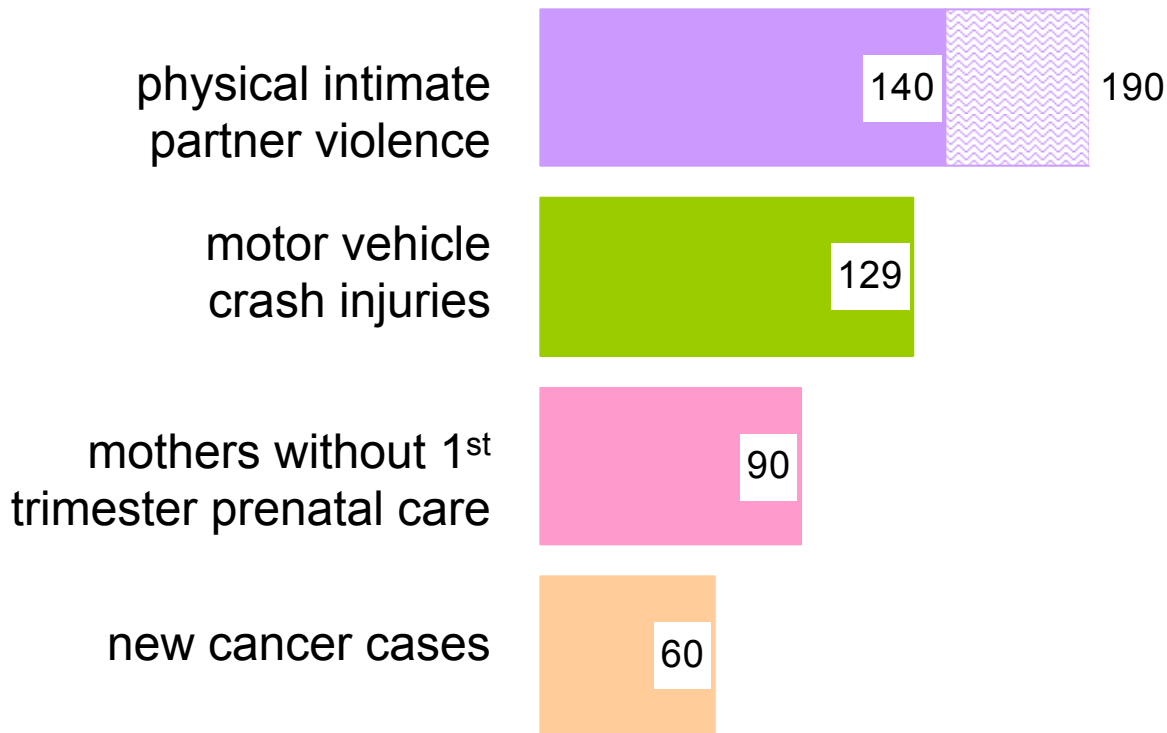
Selected threats to women's health in Adams County:

Estimated number of cases per year among females age 18+

physical intimate partner violence | 140 | 190

motor vehicle crash injuries | 129

mothers without 1st trimester prenatal care | 90

new cancer cases | 60

physical intimate partner violence is based on survey samples and presents a low and high estimate

Selected threats to seniors' health in Adams County:

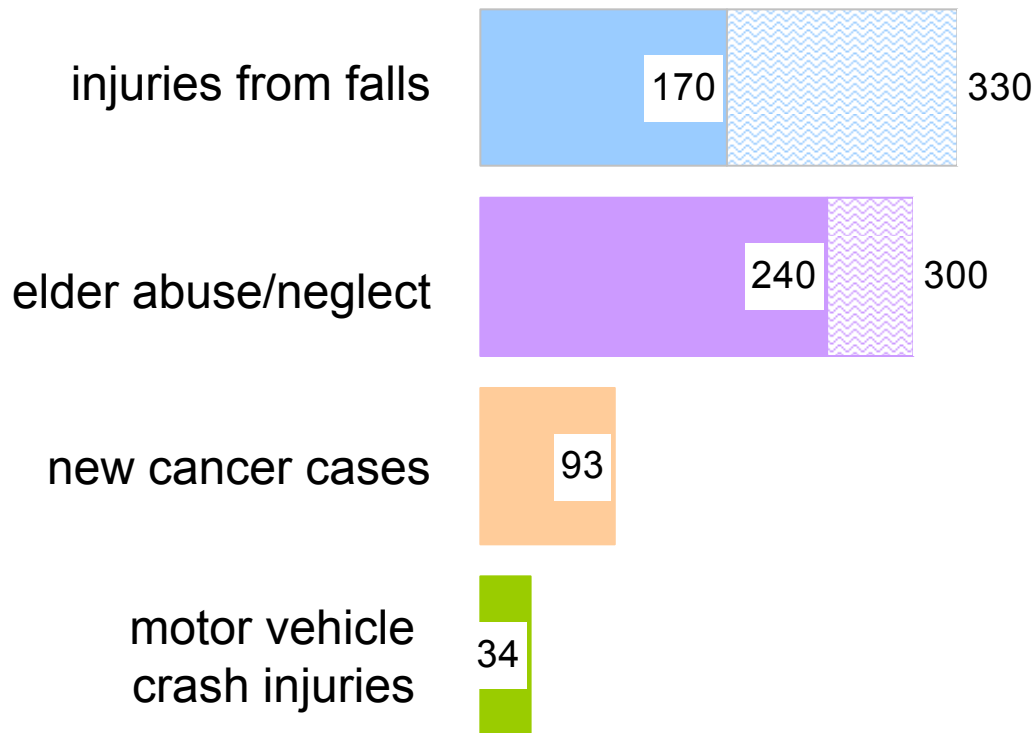Estimated number of cases per year among seniors age 60+

- injuries from falls: 170 / 330
- elder abuse/neglect: 240 / 300
- new cancer cases: 93
- motor vehicle crash injuries: 34

injuries from falls and elder abuse/neglect are based on survey samples and present a low and high estimate

Questions/Comments

Thank you