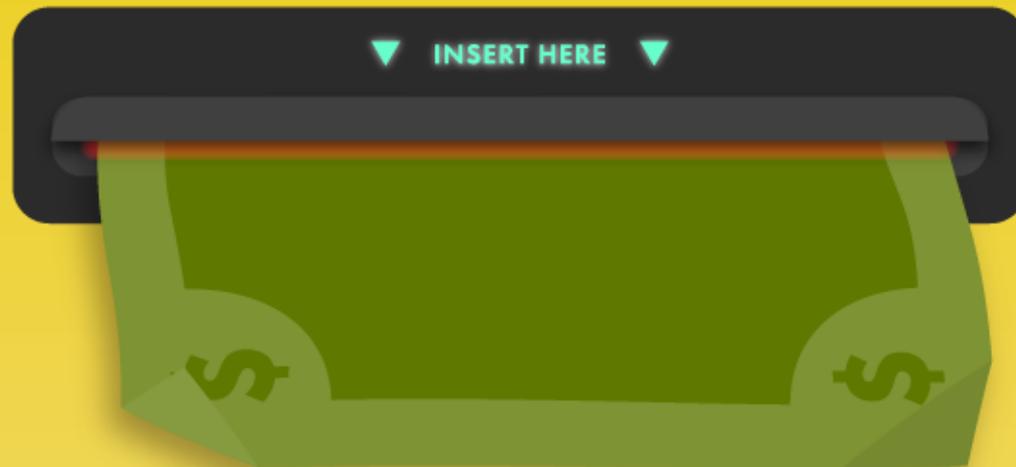


THE ECONOMIC COST OF INTIMATE PARTNER VIOLENCE

Implications for Prevention



Welcome, This Web Conference Will Begin Soon

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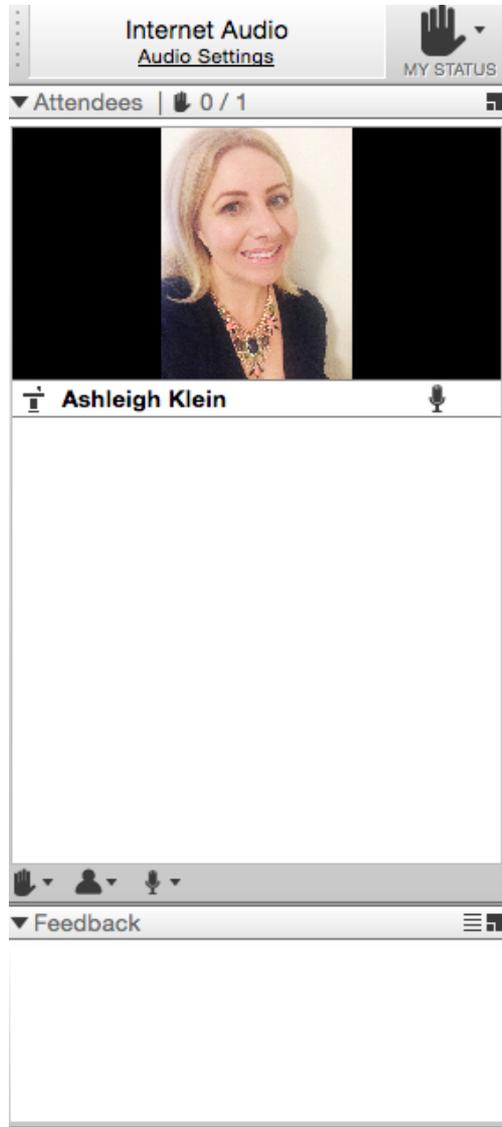
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- Closed captioning
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PreventConnect

- Domestic violence/intimate partner violence
- Sexual violence
- Violence across the lifespan, including child sexual abuse
- Prevent before violence starts
- Connect to other forms of violence & oppression
- Connect to other prevention practitioners





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The Economic Cost of Intimate Partner Violence: Implications for Prevention

Thursday, September 13, 2018

11am-12:30pm PT; 2pm-3:30pm ET

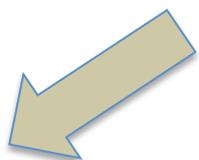
PreventConnect is a national project of the California Coalition Against Sexual Assault sponsored by U.S. Centers for Disease Control and Prevention. The views and information provided in this web conferences do not necessarily represent the official views of the U.S. government, CDC or CALCASA.

Objectives

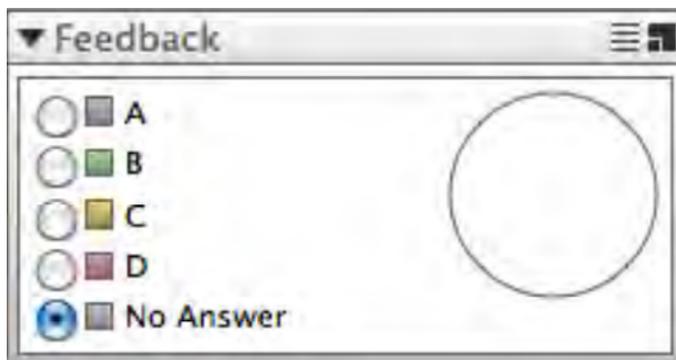
- Describe key findings from the “Lifetime Economic Burden of Intimate Partner Violence Among United States Adults” report
- Identify opportunities to use this data
- Describe the implications for prevention



Audience Poll



Answer on
the left



Did you know about the *Lifetime Economic Burden of Intimate Partner Violence among U.S. Adults* report before the start of this web conference?

- a. I have read it or skimmed it.
- b. I saw the title in the web conference registration.
- c. I've seen the title outside of the PreventConnect website, emails, newsletters, etc.
- d. No, I've never heard of this report before.



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Lifetime Economic Burden of Rape Among U.S. Adults

Format: Abstract ▾

Send to ▾

Am J Prev Med. 2017 Jun;52(6):691-701. doi: 10.1016/j.amepre.2016.11.014. Epub 2017 Jan 30.

Lifetime Economic Burden of Rape Among U.S. Adults.

Peterson C¹, DeGue S², Florence C¹, Lokey CN¹.

⊕ Author information

Abstract

INTRODUCTION: This study estimated the per-victim U.S. lifetime cost of rape.

METHODS: Data from previous studies was combined with current administrative data and 2011 U.S. National Intimate Partner and Sexual Violence Survey data in a mathematical model. Rape was defined as any lifetime completed or attempted forced penetration or alcohol- or drug-facilitated penetration, measured among adults not currently institutionalized. Costs included attributable impaired health, lost productivity, and criminal justice costs from the societal perspective. Average age at first rape was assumed to be 18 years. Future costs were discounted by 3%. The main outcome measures were the average per-victim (female and male) and total population discounted lifetime cost of rape. Secondary outcome measures were marginal outcome probabilities among victims (e.g., suicide attempt) and perpetrators (e.g., incarceration) and associated costs. Analysis was conducted in 2016.

RESULTS: The estimated lifetime cost of rape was \$122,461 per victim, or a population economic burden of nearly \$3.1 trillion (2014 U.S. dollars) over victims' lifetimes, based on data indicating >25 million U.S. adults have been raped. This estimate included \$1.2 trillion (39% of total) in medical costs; \$1.6 trillion (52%) in lost work productivity among victims and perpetrators; \$234 billion (8%) in criminal justice activities; and \$36 billion (1%) in other costs, including victim property loss or damage. Government sources pay an estimated \$1 trillion (32%) of the lifetime economic burden.

CONCLUSIONS: Preventing sexual violence could avoid substantial costs for victims, perpetrators, healthcare payers, employers, and government payers. These findings can inform evaluations of interventions to reduce sexual violence.

Published by Elsevier Inc.

PMID: 28153649 PMCID: [PMC5438753](#) DOI: [10.1016/j.amepre.2016.11.014](#)

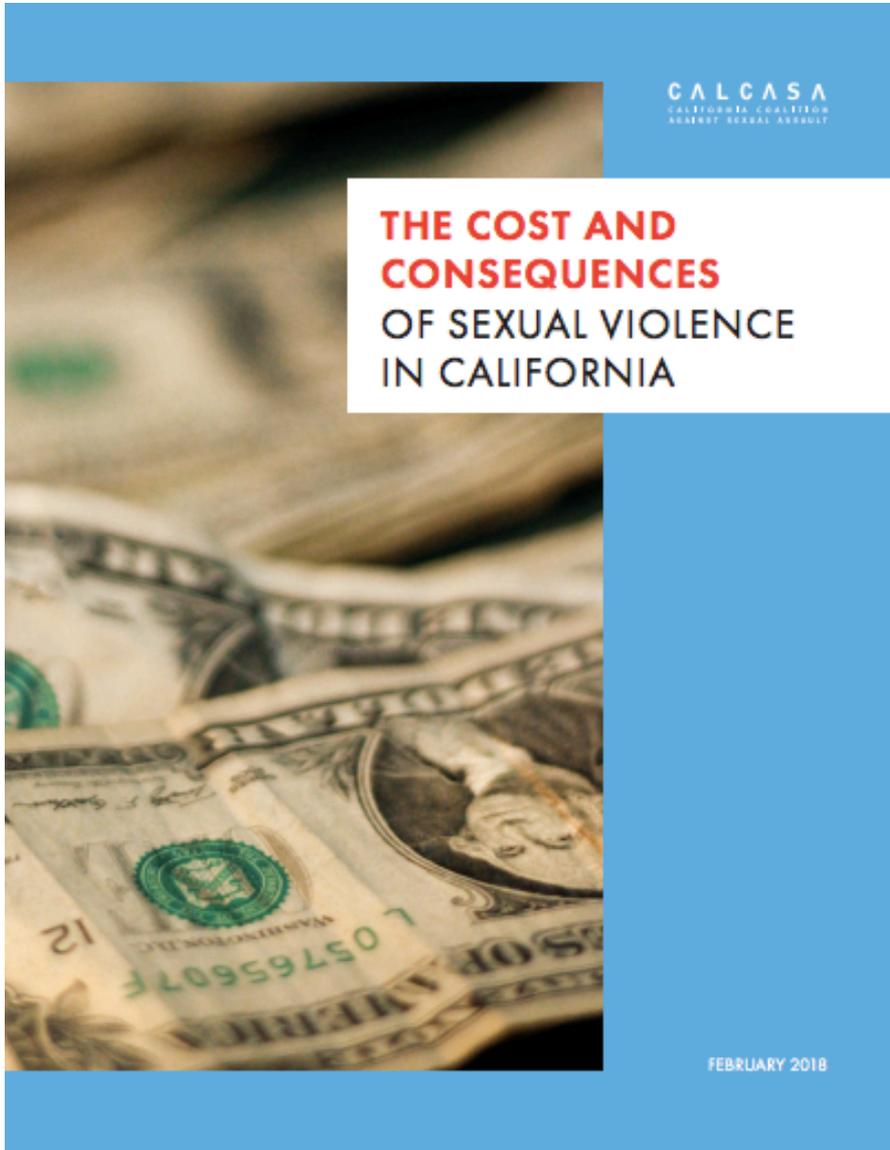
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February 2018



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Making a case for prevention

INVESTING IN A CALIFORNIA FREE FROM SEXUAL VIOLENCE

An Insight on the Costs of Sexual Violence in California

OUR VISION IS BIG

—a sexually respectful and healthy world free from sexual violence. The *Costs and Consequence of Sexual Violence in California* is a critical piece in fulfilling this vision. In order to accomplish this task, everyone must recognize their part in shaping a vision for the future: a vision that disallows molestation as a first sexual experience, a vision where laborers support their families without fear of a sexually hostile work environment, and a vision where we have the courage to remove those elements that normalize sexual assault in society. It is essential that everyone buy into the big picture, because as this report evidences, not doing so is far more costly. By investing in California's sexual violence intervention and prevention efforts, we invest in a healthy future for California.

-Sandra Henriquez, CEO
California Coalition Against Sexual Assault

calcasa.org

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CALIFORNIA COALITION
AGAINST SEXUAL ASSAULT



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Welcome



Kenya Fairley

Division of Family Violence
Prevention and Services, U.S.
Department of Health and Human
Services

About our guests



Megan C. Kearns, PhD

National Center for Injury
Prevention and Control, Centers
for Disease Control and
Prevention



Cora Peterson, PhD

National Center for Injury
Prevention and Control, Centers
for Disease Control and
Prevention

About our guests

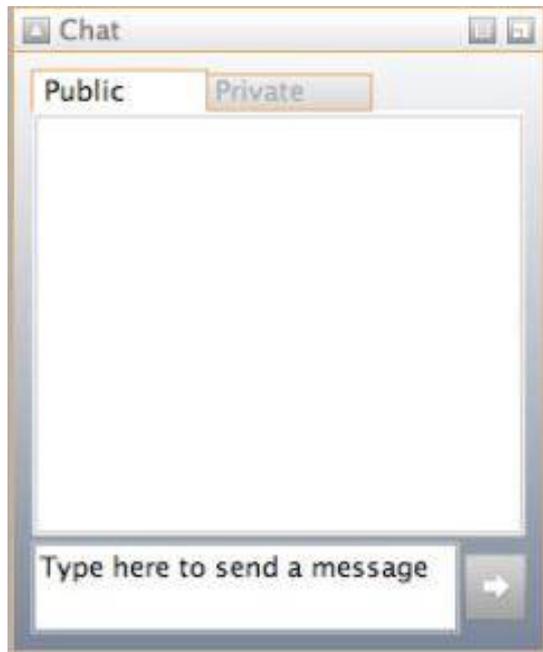


Anne Menard,
National Resource Center on
Domestic Violence



Arlene Vassell,
National Resource Center on
Domestic Violence

Text Chat Question



Why is it important for you in your role(s) to consider the economic costs of intimate partner violence?



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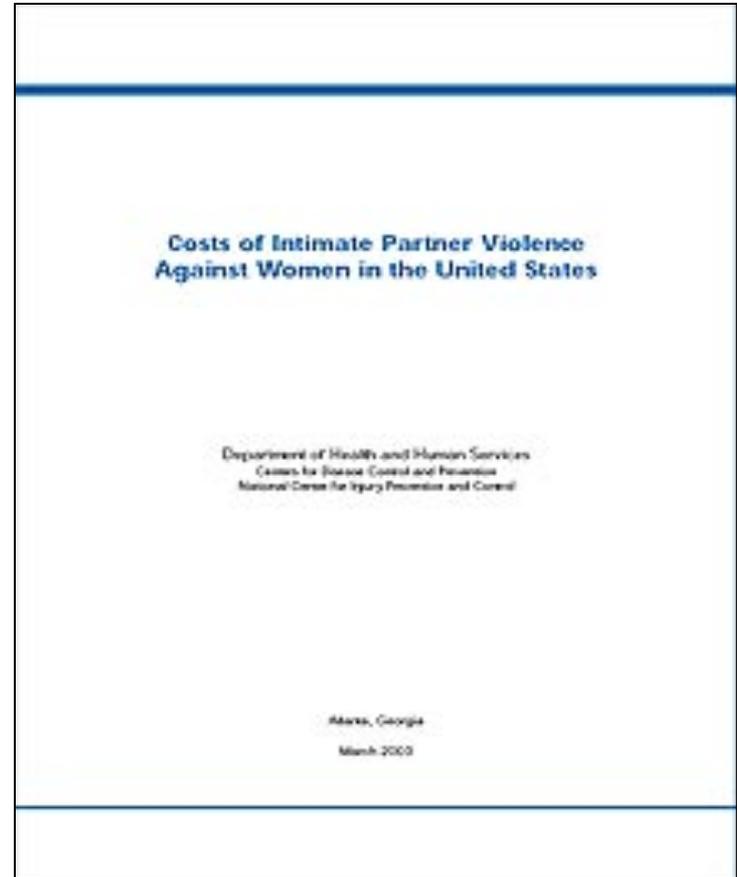
Intimate Partner Violence

- Intimate partner violence (IPV) is **highly prevalent**. Approximately **27.4% of women** and **11% of men** have experienced IPV in their lifetime
- Associated with **negative health and economic consequences**
 - Injury and death
 - Physical health (e.g., cardiovascular, gastrointestinal, nervous system conditions)
 - Mental health (e.g., depression, PTSD)
 - Missed days of school or work



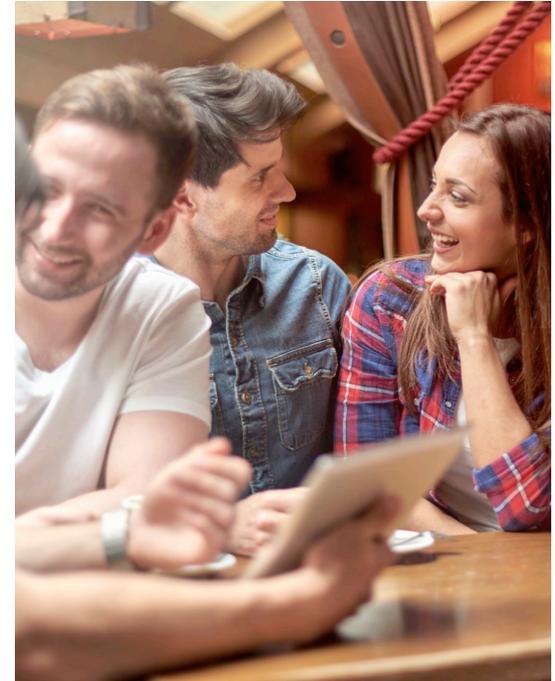
Economic Burden of IPV

- Previous estimates on the economic burden of IPV were reported at **\$5.8 billion each year**
- Relied on **data sources from 1995** for prevalence and cost information
- Major limitations:
 - Did not capture **lifetime costs**
 - Excluded **criminal justice costs**
 - Excluded **male survivors** of IPV



Purpose

- To estimate the **US lifetime per-victim cost** and **economic burden** of intimate partner violence (IPV)
- Expand upon existing estimates by exploring costs of IPV **across the lifespan** and including a **broader range of outcomes**
- Accurate cost estimates are critical for **communicating the public health burden** of IPV and **conducting economic evaluations** of prevention efforts



What is a per-victim lifetime cost?

- There are many ways to describe the cost of a health-related experience
- A per-victim cost here refers to the **economic costs over a person's lifetime** resulting from that person's exposure to IPV
- This cost estimate also reflects the **potential cost savings** from an intervention that helps a person avoid exposure to IPV
- Previous studies largely have not accounted for victims' long-term health



Literature Review and Framework for Estimating the Costs of IPV in US

- **Contractor:** Quality Resource Systems, Inc.
- 2-year contract **to identify, synthesize, and analyze** estimates of the marginal effects of IPV **on key outcomes and costs** associated with IPV victimization and perpetration.
- Contract Period of Performance: September 21, 2015 to September 20, 2017.
- **Co-PIs:** Christina Nicolaidis, MD, MPH and Kathryn McCollister, PhD



Method

- Targeted literature search to identify **IPV outcomes** and **associated costs**
 - Criteria for inclusion was based on strength of study design and US population representativeness for reviewed studies



Method

- Outcomes Included:
 - **Acute:** victim property loss or damage, physical injuries, rape-related pregnancy, lost productivity (victim and perpetrator), and victim fatalities
 - **Long-term:** victim mental health (e.g., PTSD, depression, anxiety), victim substance abuse, victim physical health (e.g., heart disease, asthma, sexually transmitted infections)
 - **Criminal justice costs**, including perpetrator lost productivity

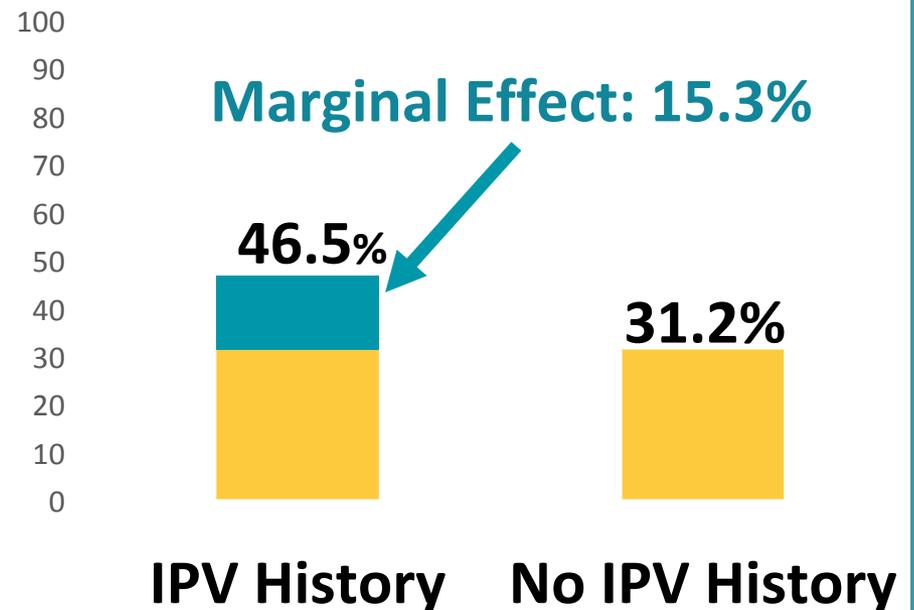


Method

- Calculated **marginal effects** for each outcome (i.e., the proportion of victims with an outcome beyond the proportion of non-victims reporting same outcome)
- Used to calculate the **cost attributable to IPV** per person

- *Example:*

Depression Rates in Women



Method

- Marginal effects were calculated separately for female and male IPV survivors
- Cost per person estimate was multiplied by total number of individuals reporting lifetime exposure to IPV
- Based on 2012 National Intimate Partner and Sexual Violence Survey (NISVS) data on lifetime prevalence of IPV exposure



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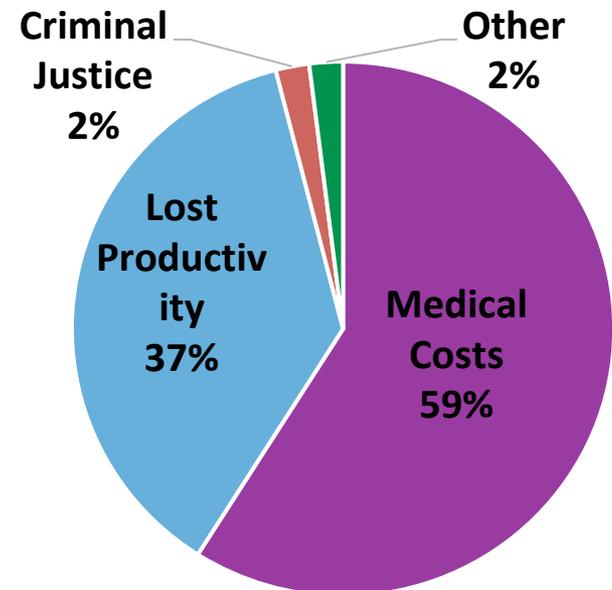
Key Findings

- The lifetime per-victim cost was **\$103,767 for women and \$23,414 for men.**
 - Reflects differences in outcomes (e.g., rape-related pregnancy), differences in number of affected victims by sex for particular outcomes, and limited research that included male victims.
- Study shows the **lifetime economic cost to the U.S. population is \$3.6 trillion.**
 - Includes 32 million women and 12 million men who are victims of IPV during their lives



Key Findings

- The \$3.6 trillion economic cost estimate included:
 - **\$2.1 trillion** (59%) in **medical costs**,
 - **\$1.3 trillion** (37%) in **lost productivity** among victims and perpetrators,
 - **\$73 billion** (2%) in **criminal justice activities**, and
 - **\$62 billion** (2%) in **other costs**, such as victim property loss or damage.
- **Government sources** paid an estimated **\$1.3 trillion** (37%) of the economic cost.



Limitations

- Inexact **timelines**
- Used acute cost estimates **per victim** (not per victimization)
- Used **annual cost** data for some outcomes
- Did not examine **specific subpopulations**
- Some health outcomes among **male survivors** are not well-studied
- Unable to include effects on most **pregnancy-related outcomes**
- Assumption that IPV is **cause of higher outcome prevalence** among victims
- Did not include **cost to family and friends**



Interpretation and use of these estimates

- **How can I use this estimate?**
 - The per-victim lifetime cost of IPV is the **estimated cost averted** for each potential victim who **does not** experience IPV.



Interpretation and use of these estimates

- **How is this estimate likely to change in the future?**
 - The per-victim estimate could change **based on new information** about victim outcomes or unit costs.
 - The lifetime economic burden of IPV (\$3.6 trillion) will be **relatively stable**.



Interpretation and use of these estimates

- **Why shouldn't I use the per-victim cost estimate to calculate an annual cost?**
 - The economic burden estimate of \$3.6 trillion represents **costs over victims' entire lifetime**
 - The NISVS 12-month prevalence data does not identify how many victimizations in that time period represent **first time victimization experiences** so applying this per-victim cost estimate to this 12-month data would produce an overestimation of annual costs.



Interpretation and use of these estimates

- **Can I use this estimate to calculate my state's economic burden, using data from the NISVS state report?**
 - Yes – you can calculate a state's burden by multiplying the **number of IPV victims by state X lifetime cost per victim**
 - Important to use state-level data that utilizes a similar IPV definition as this study
 - Contact sexual violence, physical violence, and/or stalking by an intimate partner **with impact** (e.g., injury, missed school/work)



State Example: Alabama

- **Utilize inputs from NISVS state report:**
 - **Table 5.7** (total number of female victims **with IPV-related impact**):
 - 613,000 in AL
 - **Table 5.13** (total number of male victims **with IPV-related impact**):
 - 182,000 in AL



Smith, S. G., Basile, K. C., Gilbert, L. K., Merrick, M. T., Patel, N., Walling, M., & Jain, A. (2017). National Intimate Partner and Sexual Violence Survey (NISVS): 2010-2012 state report.



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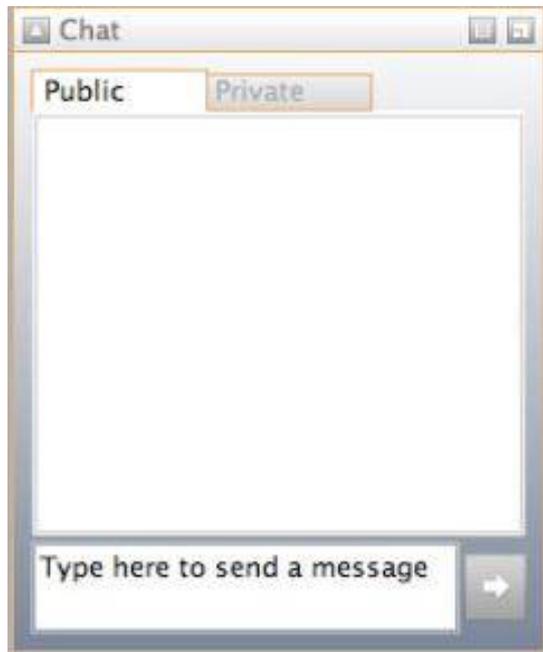


State Example: Alabama

- **Multiply by lifetime cost per victim:**
 - Women: 613,000 X \$103,767 = **\$63.61 billion**
 - Men: 182,000 X \$23,414 = **\$4.26 billion**
- **Total Lifetime Burden for Alabama:**
 - **\$68 billion (2014 USD)**



Text Chat Question



**How do you see
economic costs of
IPV applying to your
work and your role?**



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Implications

- **IPV is a significant problem** that can result in short-term and chronic physical and mental health consequences. This study highlights the **significant economic burden** of such violence to victims and communities.
- Average per-person measures can help us estimate the per-person and overall economic burden of injuries and health conditions. These measures can help us show the **value of population-based prevention programs.**



Questions and Comments?

- **Citation:**

- Peterson, C., Kearns, M.C., McIntosh, W., Estefan, L.F., Nicolaidis, C., McCollister, K., Gordon, A., & Florence, C. (2018). Lifetime economic burden of intimate partner violence. *American Journal of Preventive Medicine*.

- To read and download, go to

[https://www.ajpmonline.org/article/S0749-3797\(18\)31904-4/abstract](https://www.ajpmonline.org/article/S0749-3797(18)31904-4/abstract)



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For more information, contact CDC
1-800-CDC-INFO (232-4636)

TTY: 1-888-232-6348 **www.cdc.gov**

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

Implications

Why are these updated IPV cost estimates so valuable to us?

How can we use them to support our intervention and prevention efforts?



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Why are these IPV cost estimates so valuable to us?

Finding – The lifetime cost of IPV is \$103,767 per female victim and \$23,414 per male victim, or \$3.6 trillion.

Talking Points

Intimate partner violence is very costly for individuals and families, as well as society as a whole.

Making sure that ALL victims of intimate partner violence have a place to turn for help while also investing in prevention will protect lives, reduce harm, and save money.



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Why are these IPV cost estimates so valuable to us?

Findings – IPV has a range of impacts and associated costs:

- injuries, fatalities, acute and long-term health and mental health impacts (59%)
- lost productivity for both victims and those who caused harm (37%)
- criminal legal system costs (2%)
- property loss and damage and other costs (2%)

Talking Points

The impacts of IPV are broad and multi-faceted.

Our intervention and prevention efforts must also be broad and multi-faceted.



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Why are these IPV cost estimates so valuable to us?

Findings – Government sources paid an estimated \$1.3 trillion (37%) of the economic cost of IPV.

Talking Points

The costs of IPV are borne by every level of government as well as by private funders, businesses, communities, families and individuals.

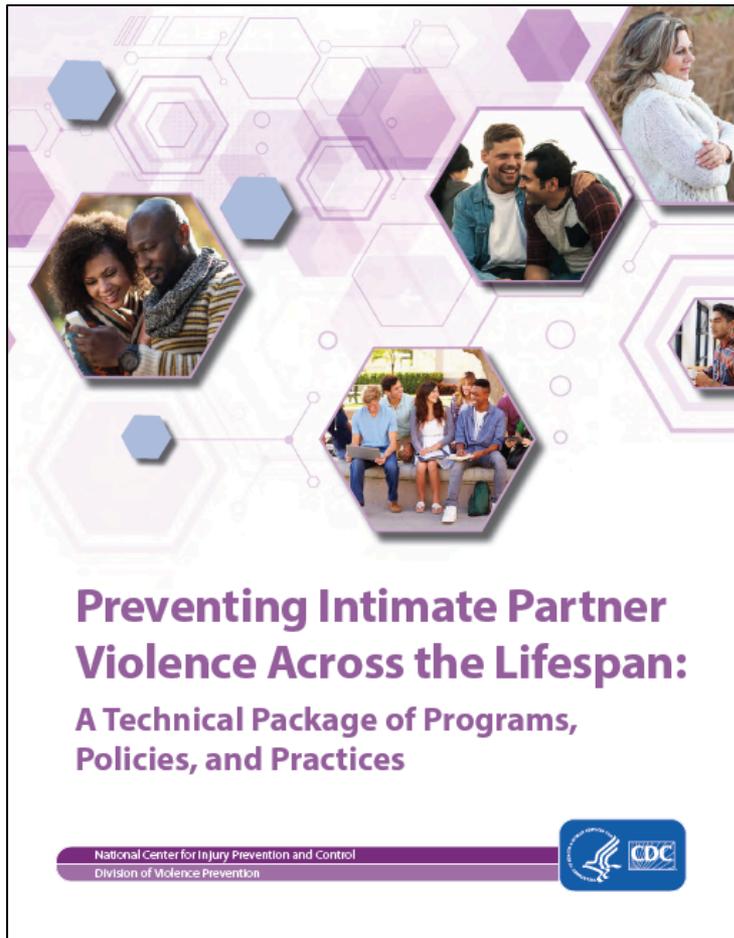
Better responding to and preventing IPV requires commitment, cooperation and leadership across a range of sectors.



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Policy Implications of IPV Cost Data



CDC's IPV Technical
Package (2017)
provides evidence-
informed guidance on
preventing IPV



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Policy Implications of IPV Cost Data

Technical Package – Evidence-informed IPV prevention opportunities include:

- Comprehensive, affordable, accessible health and mental health care systems
- Responsive workplace policies
- Strong economic supports for families, including work-family supports and safe housing options
- Eliminate inequality across gender, racial/ethnic, and income groups
- Support for survivors to increase safety and reduce harms



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Why are these IPV cost estimates so valuable to us?

There are many health, safety and equity reasons to prevent IPV.

The IPV cost study provides us another:

If we reduced by half the current number of women (32 million) and men (12 million) who are victims of intimate partner violence in their lifetimes, we would reduce costs to individual victims and society by \$1.8 trillion.



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Gender Violence Fueled by Systemic Oppressions

Patriarchy, Racism Capitalism, and other Systemic Oppressions

– Dynamic systems of power and dominance where groups of people are oppressed based on gender and other identities.

Government, Courts, Schools, Religious Institutions, and other

– May educate and enforce oppression and dominance.

**Families, Friends, and
Peers** – Influences us to accept discrimination (i.e. sexism), inequity (i.e. strict gender roles) or oppression.

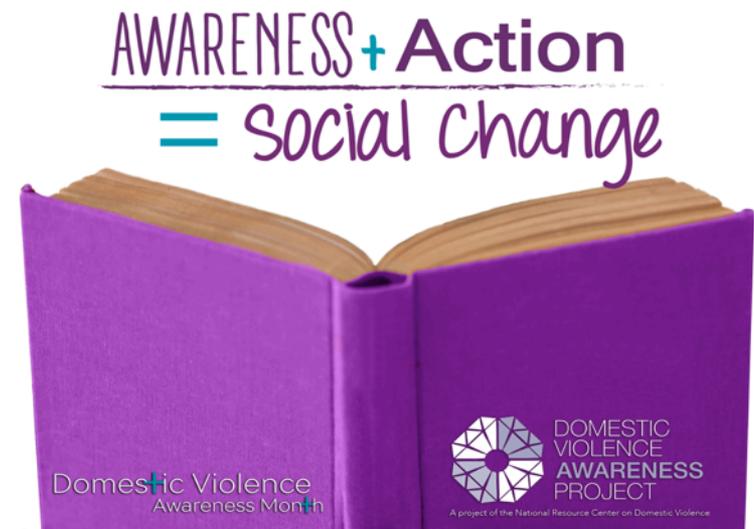
Individuals - May choose to discriminate or use violence that is fueled by a dynamic system of power and dominance.



This illustration shows how individuals, families, friends, and peers, community, and larger societal institutions are interconnected. Individuals do not act in isolation and are influenced by contexts and social structures in which we live.

Awareness/Prevention Integration

- Awareness and Prevention
- Call to Action
- Storytelling for social change



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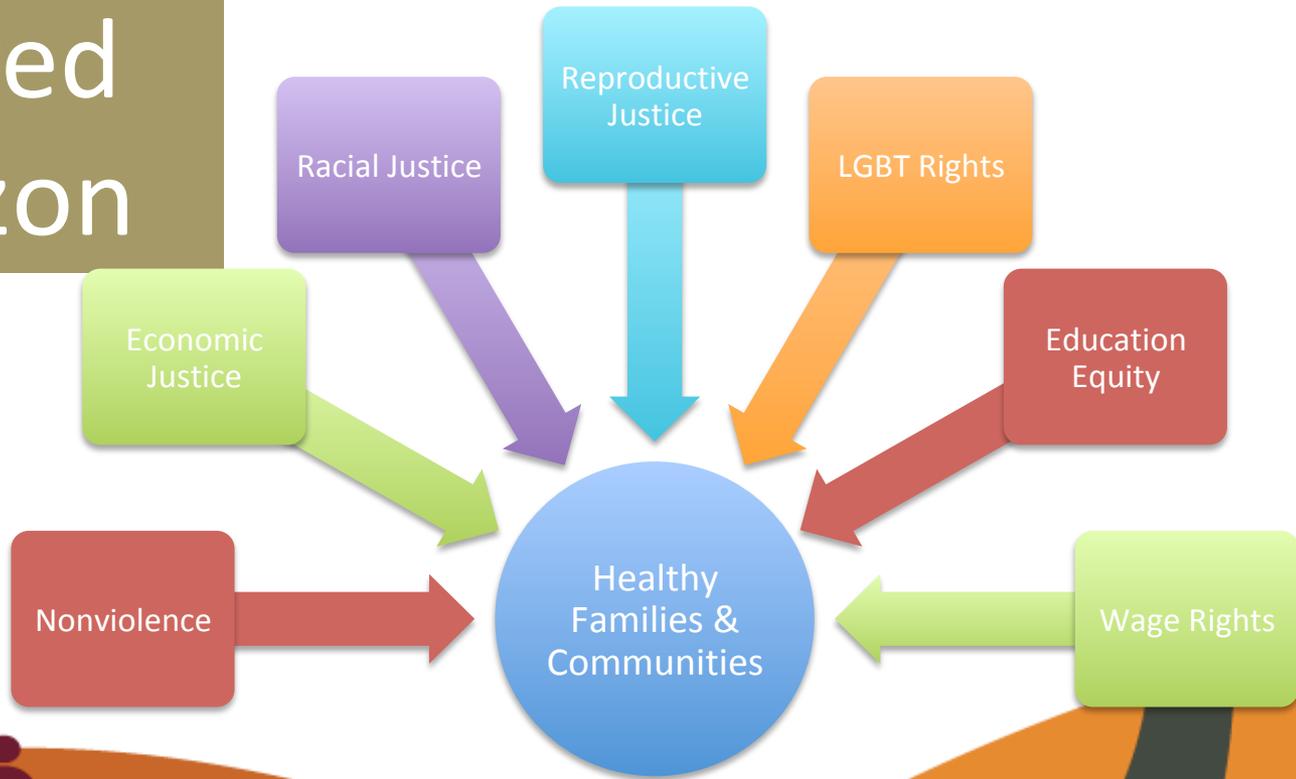


AWARENESS + Action = Social Change

My #1 Thing _____



Shared horizon



preventIPV

tools for social change

Advancing a unified national prevention agenda.

PreventIPV.org promotes strategies, tools, and lessons learned by state/territory and community-based prevention programs across the United States.



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Invest in Prevention

Preventing future incidents of sexual violence, while maintaining and improving services, would

REDUCE COSTS

to victims, governments and society.

READ THE FULL REPORT AT CALCASA.ORG

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CALIFORNIA COALITION
AGAINST SEXUAL ASSAULT

Return on prevention investment

Every prevented rape of
an adult could save up to

\$163,800

Every prevented rape or sexual
assault of a child could save up to

\$227,700

READ THE FULL REPORT AT CALCASA.ORG

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