THE ECONOMIC COST OF INTIMATE PARTNER VIOLENCE

Implications for Prevention

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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
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 webinar 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

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

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

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.

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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

National Resource Center on Domestic Violence
PreventConnect
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
Why is it important for you in your role(s) to consider the economic costs of intimate partner violence?
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.
- **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**

<table>
<thead>
<tr>
<th></th>
<th>IPV History</th>
<th>No IPV History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marginal Effect</td>
<td>46.5%</td>
<td>31.2%</td>
</tr>
</tbody>
</table>

Marginal Effect: 15.3%
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
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** × **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)
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

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)
How do you see economic costs of IPV applying to your work and your role?
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:
  
  – 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)
For more information, contact CDC
1-800-CDC-INFO (232-4636)

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?
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.*
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.
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.
CDC’s IPV Technical Package (2017) provides evidence-informed guidance on preventing IPV
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
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.
AWARENESS + Action = Social Change

National Resource Center on Domestic Violence

PreventConnect
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
#1 Thing

Awareness + Action = Social Change

# Una Cosa

El Conocimiento + La Acción = Cambio Social

National Resource Center on Domestic Violence
Awareness + Action = Social Change

My #1 Thing
Shared horizon

Healthy Families & Communities

- Racial Justice
- Reproductive Justice
- LGBT Rights
- Education Equity
- Economic Justice
- Nonviolence
- Wage Rights
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.
The National Resource Center on Domestic Violence (www.nrcdv.org) provides a wide range of free, comprehensive, and individualized technical assistance, training, and specialized resource materials. Access our publications online at VAWnet.org.
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
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
PreventConnect
1215 K Street
Suite 1850
Sacramento CA
95814

Website: preventconnect.org
Email: info@preventconnect.org
Email Group: preventconnect.org/email/
eLearning: learn.preventconnect.org
Wiki: wiki.preventconnect.org

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