# NVDRS: It really is all about the data

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#### What is NVDRS?

- \* Administered by CDC injury center
- \* State-based violent death surveillance system
- \* Does not require the collection of any new data
- \* Provides better understanding of circumstances that lead to violent deaths so states can better target prevention efforts
- \* Covers all types of violent deaths including homicides and suicides

#### **NVDRS**

#### Data collected from 4 major sources:

- \* Death certificates
- \* Coroner/medical examiner reports
- \* Law enforcement reports
- \* Crime labs

## How much funding do states get?

It's complicated!

### **NVDRS Chronology**

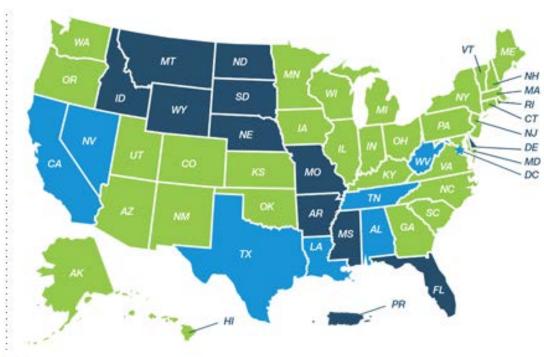
- \* FY 2002 first congressional appropriation to CDC for NVDRS (6 states funded)
- \* FY 2003 Congress provided funding to CDC for 7 more states (13 total)
- \* FY 2004 Congress provided funding to CDC for 4 additional states (17 total)
- \* FY 2005 Congress appropriated \$3.3 million to NVDRS and expansion levels off

## **NVDRS Chronology**

#### Momentum builds:

- \* FY 2014 Federal funding increased to \$11.2 million (32 total states)
- \* FY 2015 President requested \$23.5 million to expand NVDRS to all 50 states
- \* FY 2016 President requested \$23.5 million to expand NVDRS to all 50 states

## **NVDRS Map**



- NVDRS-funded states
- NVDRS-approved, but not funded
- States without NVDRS coverage

#### **NVDRS** Data

#### NVDRS data can be accessed through:

- \* CDC WISQARS
  - Web-based Injury Statistics Query and Reporting System
- \* CDC Restricted Access Database (RAD) request
  - \* Restricted access case-level microdata

#### Who uses NVDRS data?

- \* Constituencies are limitless
  - \* Local, state, national violence prevention officials
  - \* Hospitals
  - \* Schools of public health
  - Public health research community
  - Stakeholder groups
  - \* Law enforcement
  - \* Public health physicians

### **NVDRS** Data

How are NVDRS data used?

### How are NVDRS data used?

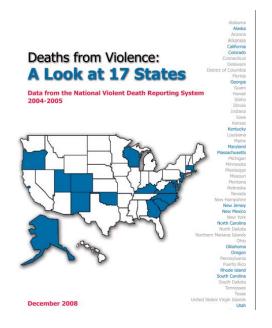
- \*National reports
- \*Annual reports
- \*State data briefs
- \*Peer-reviewed studies

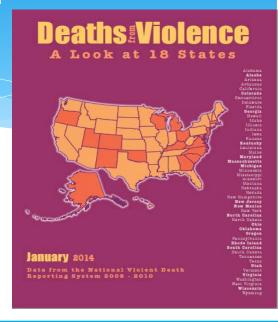
### **NVDRS National Reports**



Morbidity and Mortality Weekly Report
September 14, 2012

Surveillance for Violent Deaths — National Violent Death Reporting System, 16 States, 2009







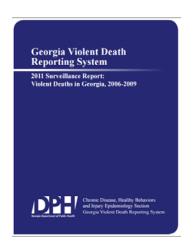
Morbidity and Mortality Weekly Report

January 17, 2014

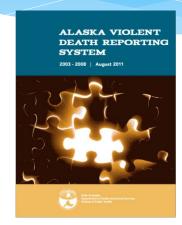
Surveillance for Violent Deaths —
National Violent Death Reporting System, 16 States, 2010

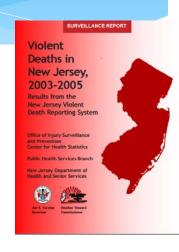
### Annual Reports: At-a-Glance

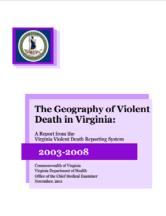


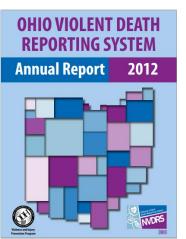


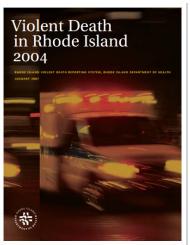




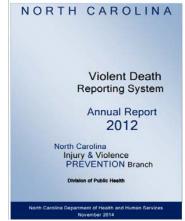






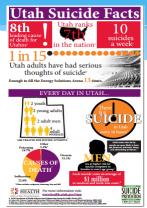






### State Data Briefs: At-a-Glance

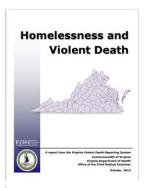


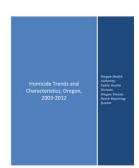






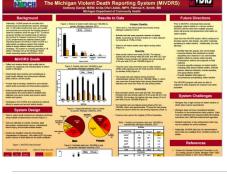










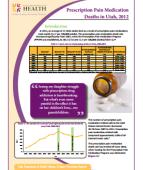












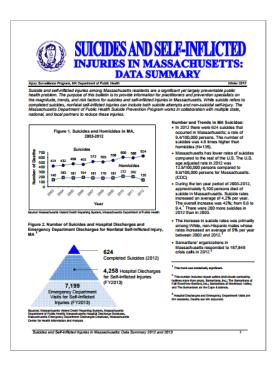


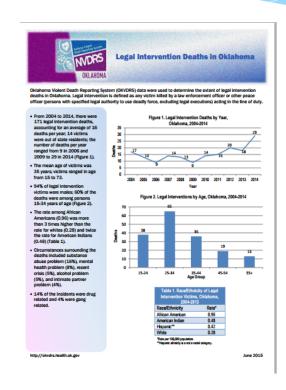
Work-Related Assault Hospitalizations and Homicides — Alaska, 2003–2012



Firearm Deaths in Colorado 2005-2012

#### Recent Data Briefs







PUBLIC HEALTH

#### Rhode Island Violent Death Reporting System, 2004-2013

YONGWEN JIANG, PHD; BEATRIZ PEREZ, MPH; SAMARA VINER-BROWN, MS

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are a national servoillence system for violent deaths.\(^4\)
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U.S. terminete, and the District of Columbia in the system. Today, NVDES funded states utilize methods for guthering information established by NVBSS. Robole bland has received CLYC. funding for NVDRS since 2003 and has been collecting data since 2004. Last year, Robole bland was one of 28 states that secured a new 5-year grant that provides funding though 2019. The collection and dissemination of comprehensive infor-

The consection and assemination of comprehensive internation on violence deaths in a standardized manner is critical to support violence prevention efforts in Rhode Island. The goal of the Rhode Island Violent Death Reporting System [RIVDRS] is to collect timely, accurate, and comprehensive surveillance data on all violent deaths using web-based data ntry system and guidelines provided by CDC, and dissem ate data to the public and stakeholders working to prever isolence in their communities. Figure 1 displays the overal icture of RIVDRS.

#### Figure 1. The Diagram of Data in and



MS, Medical Examiner; OSMS, Office of State Medical Examiner; DC, death certicate; OVR, Office of Vital Records; US, law enforcement; MBMS, National Incide Based Reporting System; HDO, hospital discharge date; BY/DMS, Phode Island I delet Death Reporting Systems; MVDMS, National Violent Death Reporting Systems;

#### METHOD

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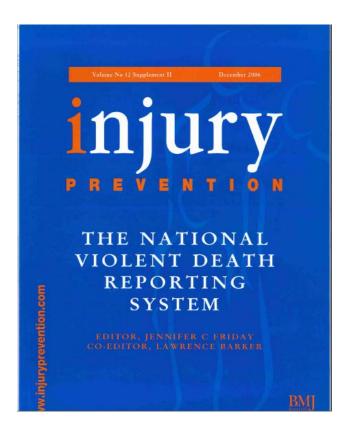
IGUST 2016 BHODE ISSAND MEDICAL JOURNAL

Winter 2015 June 2015 August 2015

### NVDRS Research Supplement

First NVDRS Supplement...

Second NVDRS Supplement





....Published in 2006

... coming soon in 2016

#### Select NVDRS Research...

Sexual Homicide and Sexual Violence-Associated Homicide: Findings From the National Violent Death Reporting System Homicide Studies 15(2) 132–153 © 2011 SAGE Publications Reprints and permission: http://www. sagepub.com/journalsFermissions.nav DOI: 10.1177/1088767911406236 http://hsx.sagepub.com

Sharon G. Smith<sup>1</sup>, Kathleen C. Basile<sup>1</sup>, and Debra Karch<sup>1</sup>

Increase in Suicides Associated With Home Eviction and Foreclosure During the US Housing Crisis: Findings From 16 National Violent Death Reporting System States, 2005—2010

Katherine A. Fowler, PhD, R. Matthew Gladden, PhD, Kevin J. Vagi, PhD, Jamar Barnes, MPH, and Leroy Frazier, MSPH

Original Research

An Ecological Approach to Preventing Suicide Using the National Violent Death Reporting System and County Level Health Status Data

> Sabrina Walsh, DrPH<sup>1, ™</sup> Richard Charnigo, PhD<sup>2</sup>

Economic contraction, alcohol intoxication and suicide: analysis of the National Violent Death Reporting System

M S Kaplan, 1 N Huguet, 2 R Caetano, 3 N Giesbrecht, 4 W C Kerr, 5 B H McFarland 6

#### Homicide and Suicide During the Perinatal Period

Findings From the National Violent Death Reporting System

Christie Lancaster Palladino, мь, мь, Vijay Singh, мь, мьн, Jacquelyn Campbell, рьь, ям, Heather Flynn, рьь, and Katherine J. Gold, мь, мьм

Rates and Correlates of Undetermined Deaths among African Americans: Results from the National Violent Death Reporting System

NATHALIE HUGUET, PhD, MARK S. KAPIAN, DRPH, AND BENTSON H. McFarland, MD, PhD

Factors Associated With Suicide by Firearm Among U.S. Older Adult Men

Mark S. Kaplan and Nathalie Huguet Portland State University Bentson H. McFarland Oregon Health and Science University

Jessie A. Mandle Multnomah County Aging and Disability Services

Creating a National Violent Death Reporting System

A Successful Beginning

David Hemenway, PhDI Catherine W. Barber, MPA, Susan S. Gallagher, MPH, Deborah R. Azrael PhD

Research Report

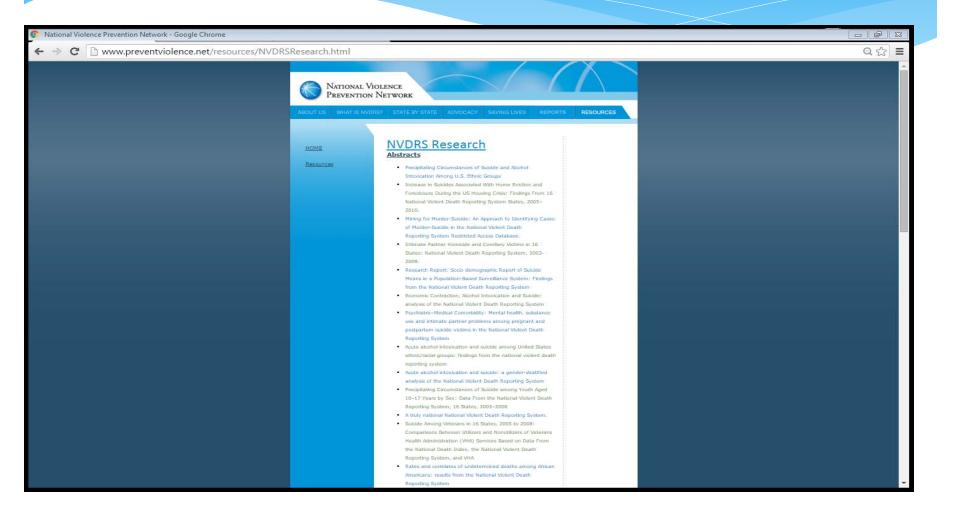
Sociodemographic predictors of suicide means in a population-based surveillance system: Findings from the National Violent Death Reporting System

Richard T. Liu a, Morganne A. Kraines a, Megan E. Puzia a, Maya Massing-Schaffer a, Evan M. Kleiman b

> Race, Urban Context, and Russian Roulette: Findings from the National Violent Death Reporting System, 2003–2006

IRA WASSERMAN, PhD, AND STEVEN STACK, PhD

### ... Now on NVPN website !!!



### Why are NVDRS data important?

- \* Informs violent death prevention programs at local, state and national levels
- \* Allows states to target their violent death prevention programs
- \* Creates a regional/national snapshot of common circumstances that lead to violent deaths
- \* Allows constituencies to evaluate the impact of their violence prevention programs

### Value of NVDRS data for advocacy

- \* Allows lawmakers to direct funding to address the leading causes of violent deaths
- \* Helps prioritize injury and violence prevention at state and national levels
- \* Breaks down silos; forces collaboration

### **NVDRS Advocacy**

National Violence Prevention Network/Safe States Alliance annual Hill Day

### www.preventviolence.net



### Select NVPN members...





American College of Preventive Medicine physicians dedicated to prevention









AMERICAN PUBLIC HEALTH ASSOCIATION

For science, For action, For health.





• Harvard Injury Control Research Center



ASSOCIATION OF STATE AND TERRITORIAL HEALTH OFFICIALS



An Alliance to Strengthen the Practice of Injury and Violence Prevention

### QUESTIONS?