

2018 POLICY SURVEILLANCE CONFERENCE

Temple University: Center City
Philadelphia, PA
January 18-19, 2018



THE

POLICY

SURVEILLANCE

PROGRAM

A LawAtlas Project

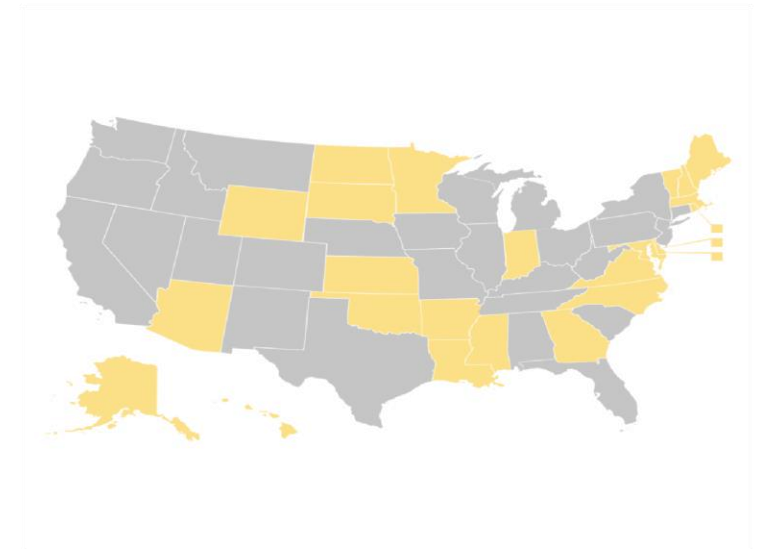
SESSION 1

PURPOSES OF POLICY SURVEILLANCE: PRODUCERS MEET USERS



Policy Surveillance as A Public Health Service

Scott Burris

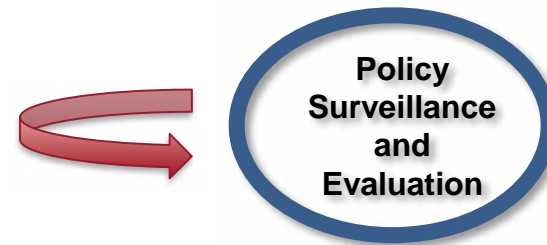


The 5 Essential Public Health Law Services



Burris, S., Ashe, M., Blanke, D., Ibrahim, J., Levin, D. E., Matthews, G., . . . Katz, M. (2016). Better Health Faster: The 5 Essential Public Health Law Services. *Public Health Reports*, 131(6), 747-753

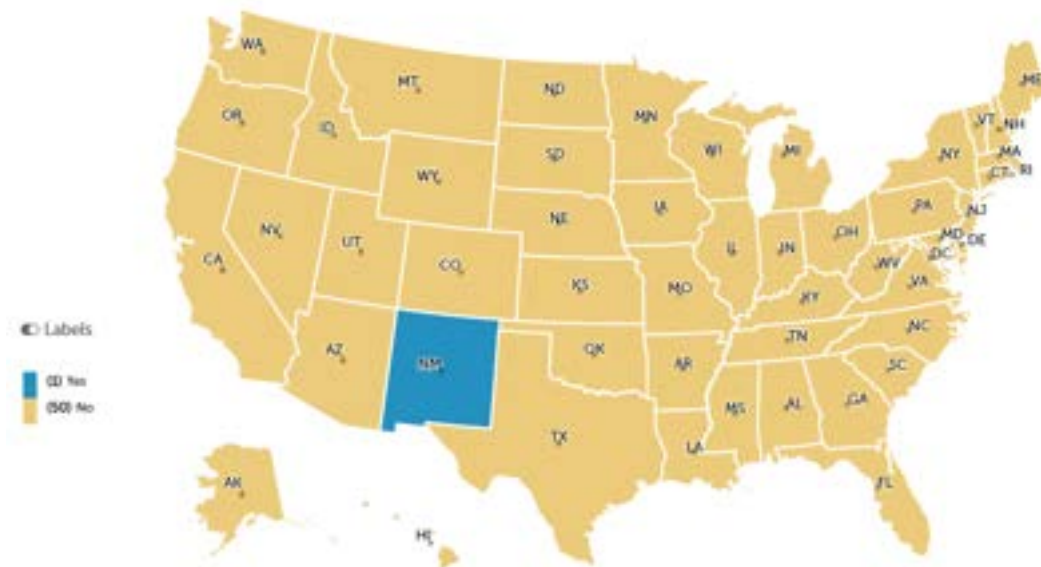
Date for Evaluation



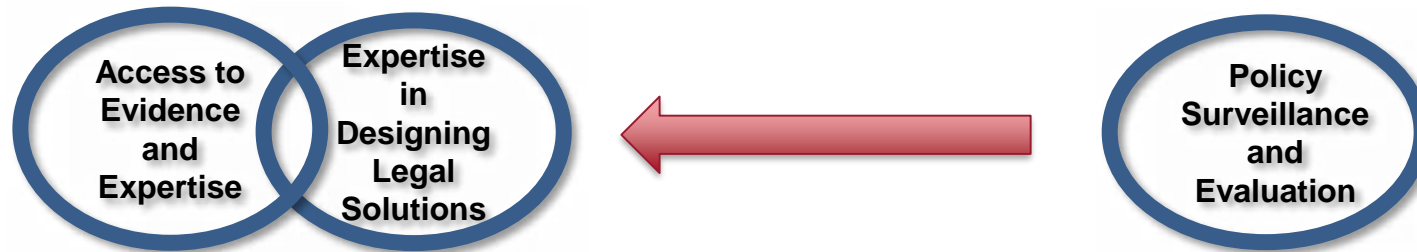
Access to Innovative Ideas



1/26/03 Does the jurisdiction have a naloxone access law?



Access to Legal Models and Text



Missouri

Montana

Nebraska

Nevada

THE LAW

New Mexico legal text

N.M. Stat. § 24-23-1 Authority to administer opioid antagonists; release from liability

A. A person authorized under federal, state or local government regulations, other than a licensed health care professional permitted by law to administer an opioid antagonist, may administer an opioid antagonist to another person if:

(1) he, in good faith, believes the other person is experiencing a drug overdose; and

(2) he acts with reasonable care in administering the drug to the other person

Excerpts from the law:

N.M. Stat. § 24-23-1, N.M. Stat. § 24-23-2, N.M. Code R. § 7.32.7

—

N.M. Stat. § 24-23-1, N.M. Stat. § 24-23-2, N.M. Code R. § 7.32.7

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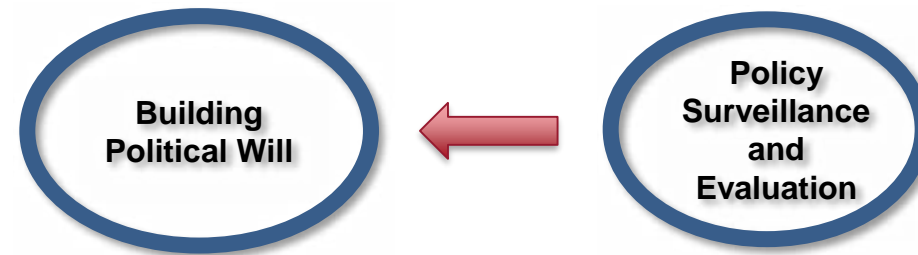
North Dakota

Ohio

Oklahoma

Oregon

Information for Action, Accountability, Impetus, Shame




The screenshot shows a webpage from CityHealth. The main article is titled "Creating the new gold standard for health and well-being in cities". Below the title is a map of the United States with various cities marked. To the right of the article is a sidebar with a search bar and a list of cities categorized by region: WEST and SOUTH. The WEST list includes Los Angeles, CA; Phoenix, AZ; San Diego, CA; San Jose, CA; San Francisco, CA; Seattle, WA; Denver, CO; Portland, OR; Las Vegas, NV; and Minneapolis, MN. The SOUTH list includes Houston, TX; San Antonio, TX; Dallas, TX; Austin, TX; Jacksonville, FL; Fort Worth, TX; Charlotte, NC; El Paso, TX; Washington, DC; and Memphis, TN. At the bottom of the sidebar are links for "SEE MORE IN WEST" and "SEE MORE IN SOUTH".

Tracking negative trends, targeting implementation research

PREEMPTION WATCH

PREEMPTION MAP

Click on any of the eight issues below to see which states preempt local control to address that public health concern. Click on a state to see whether local authority has been preserved or preempted across all eight issues.



- Discrimination
- Factory Farms
- Firearms
- Paid Sick Days
- E-Cigarettes
- Fire Sprinklers
- Nutrition
- Smokefree

SEARCH BY STATE



Policy surveillance...

- Highlights legal innovations for rapid formative research on implementation
- Documents trends and provides data for first line multi-jurisdictional studies of early adopters
- Creates data for large-scale longitudinal quasi-experimental evaluations of widely adopted measures
- Accelerates identification of effective interventions and necessary refinements



Better Health for All Faster

You Should Know

Dr. Heidi Grunwald and Scott Burris are named inventors on intellectual property (software code and trade secrets) that cover the technology platform (The MonQcle) that was built specifically to build, store and display scientific policy data. They are co-founders and board members of Legal Science, LLC, which has licensed the software technology from Temple University for commercial development.



PURPOSES OF POLICY SURVEILLANCE: PRODUCERS MEET USERS

REFLECTIONS FROM A FUNDER—NIDA

MARSHA LOPEZ

BETHANY DEEDS

RESEARCH PORTFOLIO DEVELOPMENT & POLICY SURVEILLANCE: INTERSECTIONS

- Drive scientific innovation
- Reduce costs (example: automation)
- Culture of sharing and reproducibility
- Increase reliability and validity of data
- We need a baseline; proactive instead of reactive
- Context/attention shifted to different types of drugs and how they are treated legally.

QUESTIONS WE WANTED TO ASK THE GROUP?

- How do we make researchers aware of available tools and resources so they can conduct more and better legal policy research?
- How do we connect legal and policy research to more individual outcome data?
- How do influence research using these tools to get ahead of the curve instead of being behind it?
- How do we form connections between fields that could benefit from law and policy research with experts in your legal policy research?
- **WE NEED TO BUILD A RESEARCH PIPELINE FOR PUBLIC HEALTH.**
Policy Surveillance is an essential component.

SESSION 2

RESEARCH METHODS



Desiderata for Policy Data used by Researchers

Michael Klitzner, Ph.D.

Senior Research Scientist, The CDM Group, Inc.

Series Should be as Long as Feasible, Given Constraints

- ▶ Most APIS Alcohol Policies date back to 1998; a smaller number date back to 2003
- ▶ Cannabis Policies go back to 2012 (when legalization of recreational use began)

Constraints

- ▶ Data may not exist (e.g. in electronic form, or in earlier years)
- ▶ Historical research is expensive (trade-off against number of policies)

Temporal Resolution as Fine as Possible

- ▶ APIS provides a temporal resolution of 1 day

Comparability of Data – “apples to apples”

- ▶ Policy variables must be comparable across all or nearly all jurisdictions to be meaningful
- ▶ Policy variables must be defined as accurately as possible to permit valid conclusions

Caveats and Limitations are Clearly Spelled Out

Explanatory Notes and Limitations Applicable to All APIS Policy Topics

1. State law may permit local jurisdictions to impose requirements in addition to those mandated by State law. Alternatively, State law may prohibit local legislation on this topic, thereby preempting local powers. For more information on the preemption doctrine, see the [About Alcohol Policy](#) page. APIS does not document policies established by local governments.
2. In addition to statutes and regulations, judicial decisions (case law) also may affect alcohol-related policies. APIS does not review case law except to determine whether judicial decisions have invalidated statutes or regulations that would otherwise affect the data presented in the comparison tables.

Caveats and Limitations are Clearly Spelled Out

(continued)

3. APIS reviews published administrative regulations. However, administrative decisions or directives that are not included in a State's published regulatory codes may have an impact on implementation. This possibility has not been addressed by the APIS research.
4. Statutes and regulations cited in tables on this policy topic may have been amended or repealed after the specific date or time period specified by the site user's search criteria.
5. Policy changes in APIS are presented as of the date these changes take effect as law. Users should be aware that in some situations there may be a delay between the effective date of a law and the time a corresponding policy change occurs in practice. Because APIS research is based entirely on primary legal source materials (codified statutes and regulations and, on rare occasions, published court opinions), APIS is unable to accurately determine when policy changes may appear in practice.

Caveats and Limitations are Clearly Spelled Out *(continued)*

6. If a conflict exists between a statute and a regulation addressing the same legal issue, APIS coding relies on the statute.
7. A comprehensive understanding of the data presented in the comparison tables for this policy topic requires examination of the applicable Row Notes and Jurisdiction Notes, which can be accessed from the body of the table via links in the Jurisdiction column.

Extremely Effective QA

- ▶ Researchers need assurance that APIS data are reliable and valid

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Policy Surveillance Research Methods

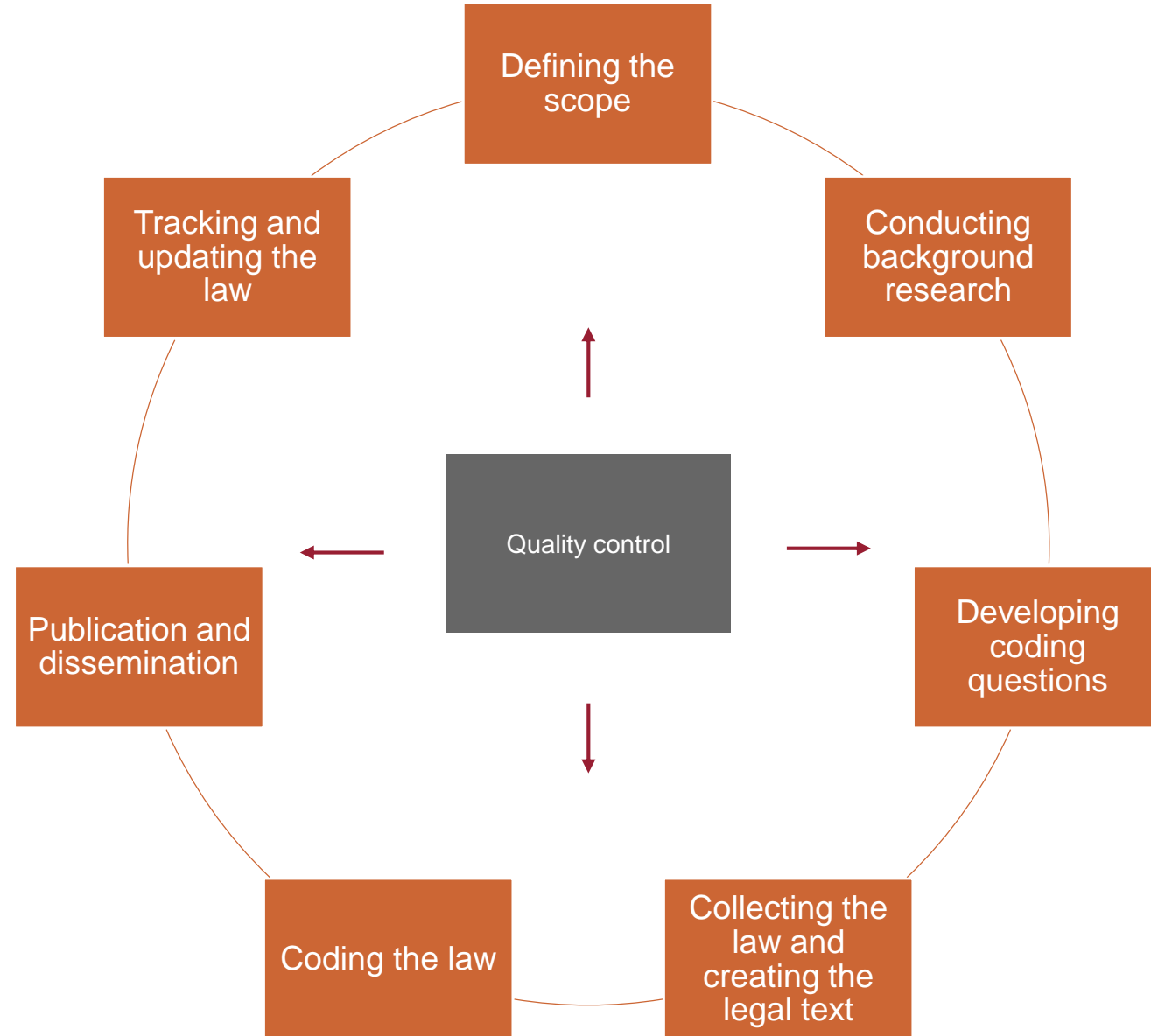
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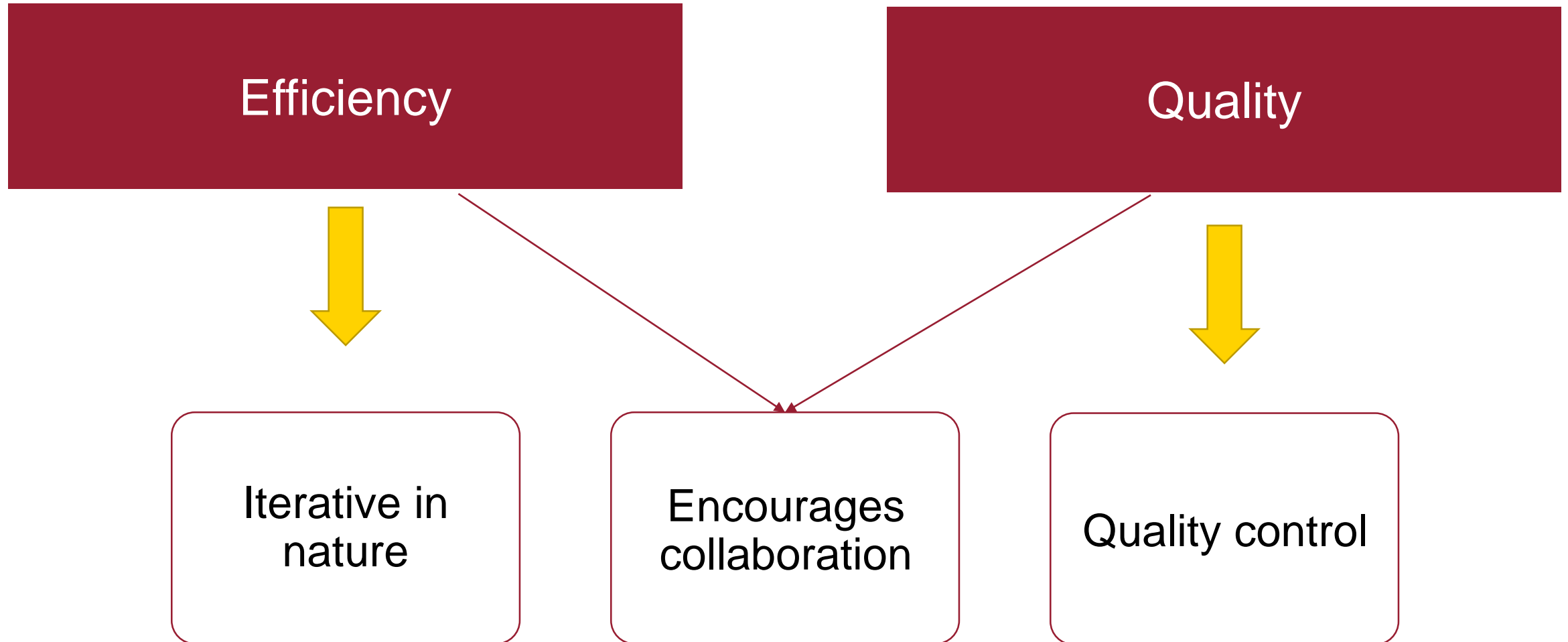
Presented by: Lindsay K. Cloud, JD



An Overview



Why it works?



Room for improvement?

Resource intensive

The unknown





Research Methods: Overdose Reporting and Opioid Prescribing Limits

Héctor Hernández-Delgado

hernandez-delgado@healthlaw.org

January 18, 2018

Non-Fatal Overdose Reporting Requirements

Project Objectives: Review the status of state laws mandating timely reporting of non-fatal overdoses

Research Methods:

- Researched state laws and regulations on disease reporting requirements
- Researched separate state laws and regulations on overdose reporting requirements through Westlaw (using words like “overdose,” “poisoning,” and “report!”)
- Conducted specific searches on state health departments’ websites
- Conducted word-specific searches on legislatures’ websites to verify pending legislation
- Conducted google news searches for new requirements

Opioid Prescribing Limits

Project Objectives: Review the status of state laws limiting the initial dose of opioid prescriptions

Research Methods:

- Researched state laws and regulations on general prescribing limits and more specifically on opioid prescribing limits through Westlaw
- Researched health departments', medical boards', and hospital and medical facilities' websites
- Conducted word-specific searches on legislatures' websites to verify pending legislation
- Conducted google news searches for new limits, including setting up a google news alert for "prescribing limits"



THANK YOU

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www.healthlaw.org

SESSION 3

QUALITY CONTROL



State Firearm Laws

building a database of 28+ years of state firearm-related statutes

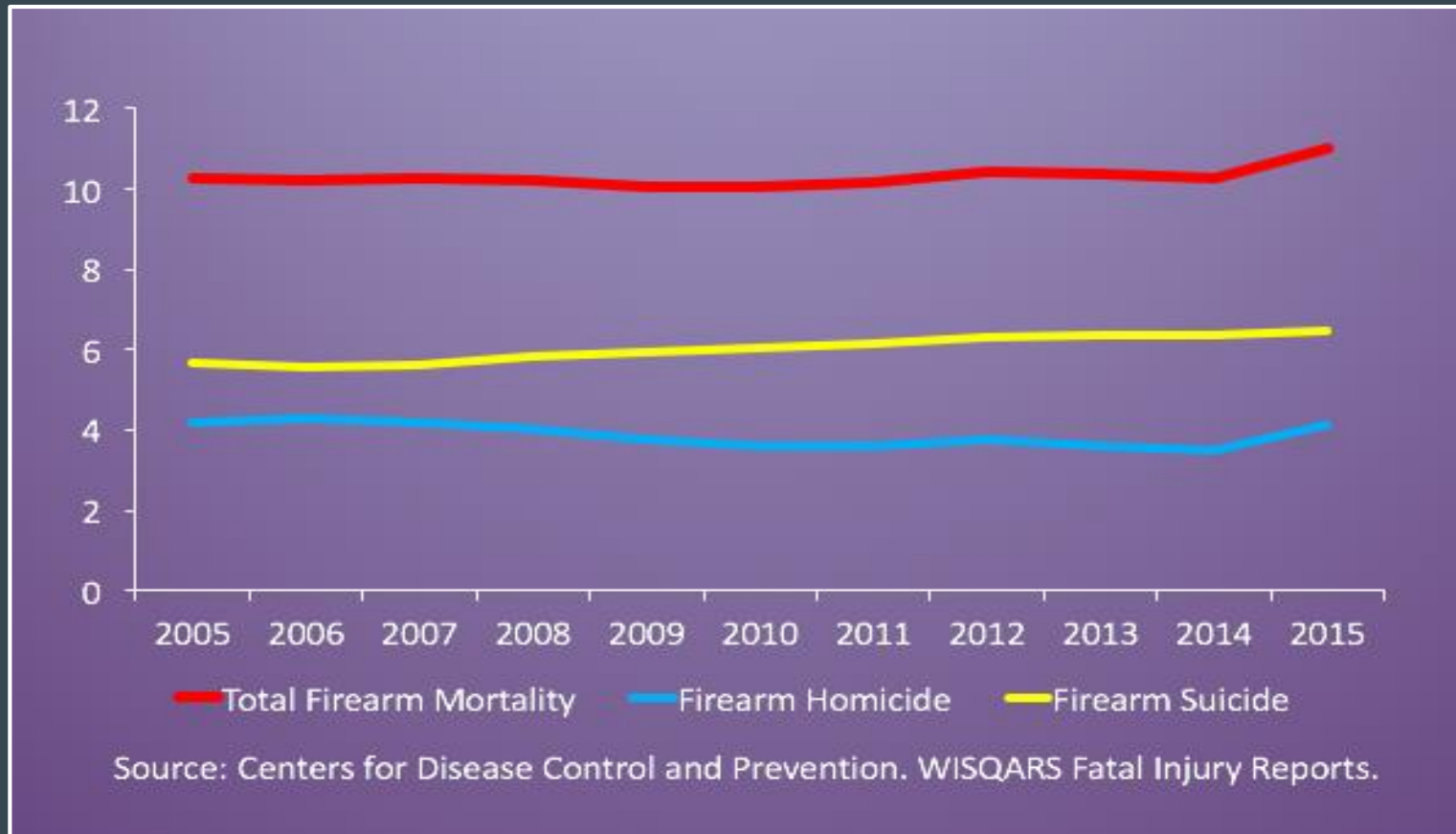


Molly Pahn, MPH
Boston University School of Public Health

Principal investigator: Michael Siegel, MD, MPH

Support for this project was provided by the Robert Wood Johnson Foundation, Evidence for Action Program. The views expressed here do not necessarily reflect those of the foundation.

The Problem: trends in firearm mortality across the U.S.



List of laws passed by Congress to reduce firearm violence, last ten years

-
-
-

Research question: which state laws are effective in reducing firearm violence?

- Previous existing databases and limitations:
 - Brady Scorecard
 - Law Center to Prevent Gun Violence
 - NRA/ILA

Brady Scorecard:

- Starts in 2007
- Inconsistency in following provisions
- Inconsistent coding
- Limited scope

Law Center to Prevent Gun Violence

- Only current status of laws

NRA

- Only current status of laws
- Limited scope

The Brady Campaign Scorecard

Four Stars indicate that a state has the strongest gun laws to combat gun trafficking, prevent the sale of guns without background checks, and reduce risks to children. California is the only state that qualified in 2011.

Three Stars states have strong gun laws that help combat the illegal gun market, prevent the sale of guns without background checks, and reduce risks to children, but there is still more than can be done to prevent gun deaths.

Two Star states have some common sense gun laws, but the state lacks many policies that would stop guns from being trafficked and protect children

One Star states have weak gun laws that help feed the illegal gun market and allows the sale of guns without background checks and put children at risk.

Zero Stars means that a state has few or no gun laws and the state helps feed the illegal gun market, allows the sale of guns without background checks, and put children at risk.



BRADY STATE SCORECARD

STAR RATINGS

STARS	SCORE
★★★★	75-100
★★★☆☆	50-74
★★★☆☆	25-49
★★★☆☆	11-24
★★★☆☆	0-10

Law Center to Prevent Gun Violence 2016 Scorecard



NRA-ILA Gun Law Map

GUN LAWS

SELECT MAP
 Gun Laws At A Glance

SELECT LAW

- ✓ Right to Carry Laws
- Right to Carry Reciprocity and Recognition
- Right to Carry in Restaurants
- Right to Carry Confidentiality
- Castle Doctrine
- No-Net Loss
- Right to Keep & Bear Arms State Constitutional Provisions

CLICK ON A STATE TO SEE THE GUN LAW PROFILE

Tennessee Gun Laws

WEDNESDAY, NOVEMBER 12, 2014

STATE CONSTITUTIONAL PROVISION - Article 1, Section 26.

"That the citizens of this State have a right to keep and to bear arms for their common defense; but the Legislature shall have power, by law, to regulate the wearing of arms with a view to prevent crime."

Gun Laws Overview

	RIFLES & SHOTGUNS	HANDGUNS
Permit to Purchase	No	No
Registration of Firearms	No	No
Licensing of Owners	No	No
Permit to Carry	No	Yes
STATE STATUS		
Castle Doctrine	Enacted	
No-Net Loss	Enacted	
Right to Carry Confidentiality	Provisions Enacted	
Right to Carry in Restaurants	Partial Ban	
Right To Carry Laws	Shall Issue	
Right To Carry Reciprocity and Recognition	Outright Recognition	
Right to Keep & Bear Arms State Constitutional Provisions	With Provisions	

Limitations

All existing databases:

- Provisions not always explicitly defined
- Exemptions
- Scope
- Nuances
- Enforcement
- **Inconsistent coding**

Examples

- Exemptions
 - No firearm possession under age 18
 - Parental consent
 - Hunting, recreation, training
 - Supervised/unsupervised
 - Universal background checks
 - Gun show loophole
 - One per month
 - Concealed carry permittees
- Scope:
 - Background check for ammunition -- dealers v. private sellers
 - Ban for restraining order subjects -- permanent/temporary, dating partners
 - Application of law

- Nuances
 - Record-keeping
 - Name/identifying info
 - Make/model
 - Permit requirements
 - Handgun safety certificate
 - Training
- Enforcement of Provisions
 - No possession if subject to restraining order
 - surrender/relinquishment
 - Confiscation required v. allowed

www.statefirearmlaws.org

- Funding from the Robert Wood Johnson Foundation
- Database of state firearm law provisions
 - 133 law provisions
 - 14 categories of law
 - All 50 states
 - Every year from 1991
 - Up to date

Category Code	Category	Sub-Category	Variable Name	Brief Description of Provision	Detailed Description of Provision
1	Dealer regulations	Licensing	dealer	State dealer license required for sale of all firearms	All firearm dealers are required to have a state license.
1	Dealer regulations	Licensing	dealerh	State dealer license required for sale of handguns	All firearm dealers that sell handguns are required to have a state license.
1	Dealer regulations	Recordkeeping	recorddealer	Licensed dealers are required to keep and retain records of all firearm sales	Licensed dealers are required to keep and retain records of all firearm sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of firearm.
1	Dealer regulations	Recordkeeping	recorddealerh	Licensed dealers are required to keep and retain records of handgun sales	Licensed dealers are required to keep and retain records of handgun sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of handgun.
1	Dealer regulations	Recordkeeping	recordall	All private sellers and licensed dealers are required to keep and retain records of all firearm sales	Both private sellers and licensed dealers are required to keep and retain records of all firearm sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of firearm.
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1	Dealer regulations	Reporting	reportdealer	Licensed dealers are required to report all firearm sales records to the state	Licensed dealers are required to report all firearm sales records to the state. Must include gun and sale information and must be transmitted electronically or by mail (not just phoned in).
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1	Dealer regulations	Reporting	purge	Dealers can retain sales records for at least 60 days after firearm purchase	The law does NOT require that dealers purge their sales records within 60 days of the firearm purchase. This may apply to handgun sales records, long gun sales records, or both.
1	Dealer regulations	Location	residential	Ban on non-commercial dealers	Dealers must have a commercial place of business; they cannot operate out of a home, car, etc.
1	Dealer regulations	Theft reporting	theft	Mandatory reporting of stolen guns by all firearm dealers	Dealers must report any and all thefts of firearms from their businesses.
1	Dealer regulations	Security	security	State requires at least one store security precaution for firearm dealers	At least one of the following is required for gun dealers: (1) for gun displays visible from the outside; (2) Guns must be stored in a specified manner after business hours; (3) Burglar alarms and/or security systems installed.
1	Dealer regulations	Inspections	inspection	Mandatory police inspections of dealers	The law requires at least one annual inspection of gun dealerships by the police or other law enforcement personnel. This refers to a STATE inspection, not an ATF inspection.
1	Dealer regulations	Liability	liability	Dealers are liable for damages resulting from illegal gun sale	Dealers are held liable for damages caused by a gun that they knowingly sold to a person who is either prohibited from purchasing a firearm or who intends to use that firearm illegally.
1	Dealer regulations	Junk guns	junkgun	Ban on junk guns (sometimes called "Saturday night specials")	The law prohibits the sale of handguns that fail to meet one or more of the following requirements: (1) Passes drop testing and firing testing; (2) Passes a meeting point test; (3) Possesses specific handgun safety features; (4) Appears on a list of approved handguns. This may or may not apply to private sellers.

Methods

- To code 100 provisions, we searched each law individually by reading state statutes using *Thomson Reuters Westlaw* & state legislative websites
- Cross-checked our coding with all previously published data.
- Coded an additional 33 provisions from data provided by *Everytown for Gun Safety*.

Coding

- Developed detailed definitions for each provision
- Iterative process
- Trained graduate public health students (two 2.5 hour sessions) on *Westlaw* & historical legislative research
- Each state separately coded by 3 people, cross-checked
- All discrepancies resolved collectively AND further cross-referenced with other research
- Dichotomous coding -- IN PLACE or NOT IN PLACE:
 - 1 = state has passed this provision
 - 0 = there is no legislation in this state for this provision

	A	B	C
355			
356			
357	Massachusetts	1991	1
358	Massachusetts	1992	1
359	Massachusetts	1993	1
360	Massachusetts	1994	1
361	Massachusetts	1995	1
362	Massachusetts	1996	1
363	Massachusetts	1997	1
364	Massachusetts	1998	1
365	Massachusetts	1999	1
366	Massachusetts	2000	1
367	Massachusetts	2001	1
368	Massachusetts	2002	1
369	Massachusetts	2003	1
370	Massachusetts	2004	1
371	Massachusetts	2005	1
372	Massachusetts	2006	1
373	Massachusetts	2007	1
374	Massachusetts	2008	1
375	Massachusetts	2009	1
376	Massachusetts	2010	1
377	Massachusetts	2011	1
378	Massachusetts	2012	1
379	Massachusetts	2013	1
380			Ch 140 S 12:

click on history and graphical statute

§ 122. Licenses; contents; fingerprints of applicants; procedure on refusal of license; fees; punishment for improp...
Massachusetts General Laws Annotated | Part I. Administration of the Government (Ch. 1-182) | Effective: November 4, 2010 (Approx. 2 pages)

Document | Notes of Decisions (7) | **History (60)** | Citing References (117) | Context & Analysis (11) | Powered by KeyCite

Graphical Statute

See Credits - June 30, 2003 (6)

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Select All (32)

- Current Text - November 4, 2010 - Current (3)** +
- July 1, 2003 - November 3, 2010 (23) +
- See Credits - June 30, 2003 (6) +

For Earlier Legislation Prior to 2000 [See Credits](#)

Credits

Amended by St.1957, c. 688, § 5; St.1959, c. 296, § 2; St.1996, c. 151, §§ 303 to 305; St.1996, c. 200, § 25; St.1998, c. 180, §§ 9 to 11; St.2003, c. 26, § 426, eff. July 1, 2003; St.2010, c. 256, § 84, eff. Nov. 4, 2010.

Dealing with Exemptions, Scope, Nuances, and Enforcement Provisions

- Explicit definitions:

Brief Description of Provision	Detailed Description of Provision	Coding Notes
State dealer license required for sale of all firearms	All firearm dealers are required to have a state license.	State requires all persons engaged in the business of selling firearms to have a license, beyond the required federal license
State dealer license required for sale of handguns	All firearm dealers that sell handguns are required to have a state license.	State requires all persons engaged in the business of selling handguns to have a license, beyond the required federal license
Licensed dealers are required to keep and retain records of all firearm sales	Licensed dealers are required to keep and retain records of all firearm sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of firearm.	Recordkeeping refers to the recording of sales information that includes, at a minimum, the purchaser's name, contact information or identifying information, and the make and model of the gun. Federal law requires licensed dealers to keep sales records; to be coded as a 1, state must adopt its own recordkeeping requirements or codify the federal law.
Licensed dealers are required to keep and retain records of handgun sales	Licensed dealers are required to keep and retain records of handgun sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of handgun.	Recordkeeping refers to the recording of sales information that includes, at a minimum, the purchaser's name, contact information or identifying information, and the make and model of the gun. Federal law requires licensed dealers to keep sales records; to be coded as a 1, state must adopt its own recordkeeping requirements or codify the federal law.
All private sellers and licensed dealers are required to keep and retain records of all firearm sales	Both private sellers and licensed dealers are required to keep and retain records of all firearm sales. These records must include (1) the name and address of the buyer and (2) the make, model, and type of firearm.	Recordkeeping refers to the recording of sales information that includes, at a minimum, the purchaser's name, contact information or identifying information, and the make and model of the gun.
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- Dividing law into multiple provisions:
 - Background checks
 - Private v federally licensed sales
 - No possession for restraining order subjects
 - Permanent v. temporary - separate provisions

Coding Rules

- Every provision is either a 0 or 1
- 1 is always “preventative” - intended primarily to reduce firearm violence, as opposed to loosening of regulations:
 - Expand allowable use of guns
 - Protect industry
 - Prevent local regulation
- Reverse coding - absence of law for three categories:
 - Stand your ground laws
 - Immunity statutes
 - Preemption

Year

2016

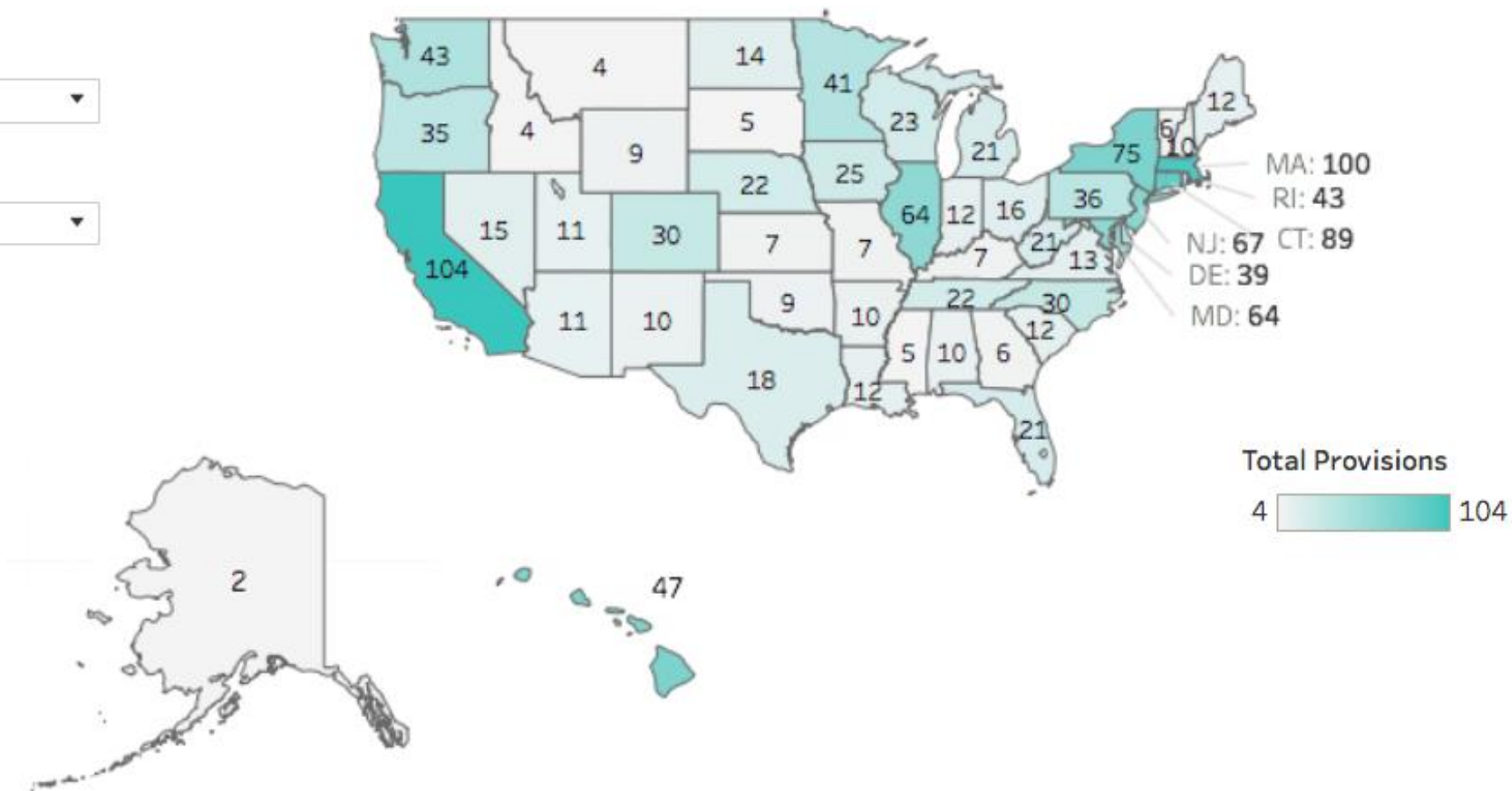


Category

(All) ▼

Subcategory

(All) ▼



Total Provisions



State-by-State

State

Select state



Year

Select year



GO

YEAR: **1994**



TEXAS

13

State Gun Laws



View Fact Sheet

8.00

Gun Related
Suicides (per 100K)

9.37

Gun Related
Homicides (per 100K)

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Cliff Notes on PSP's Statistical Quality Control (SQC)

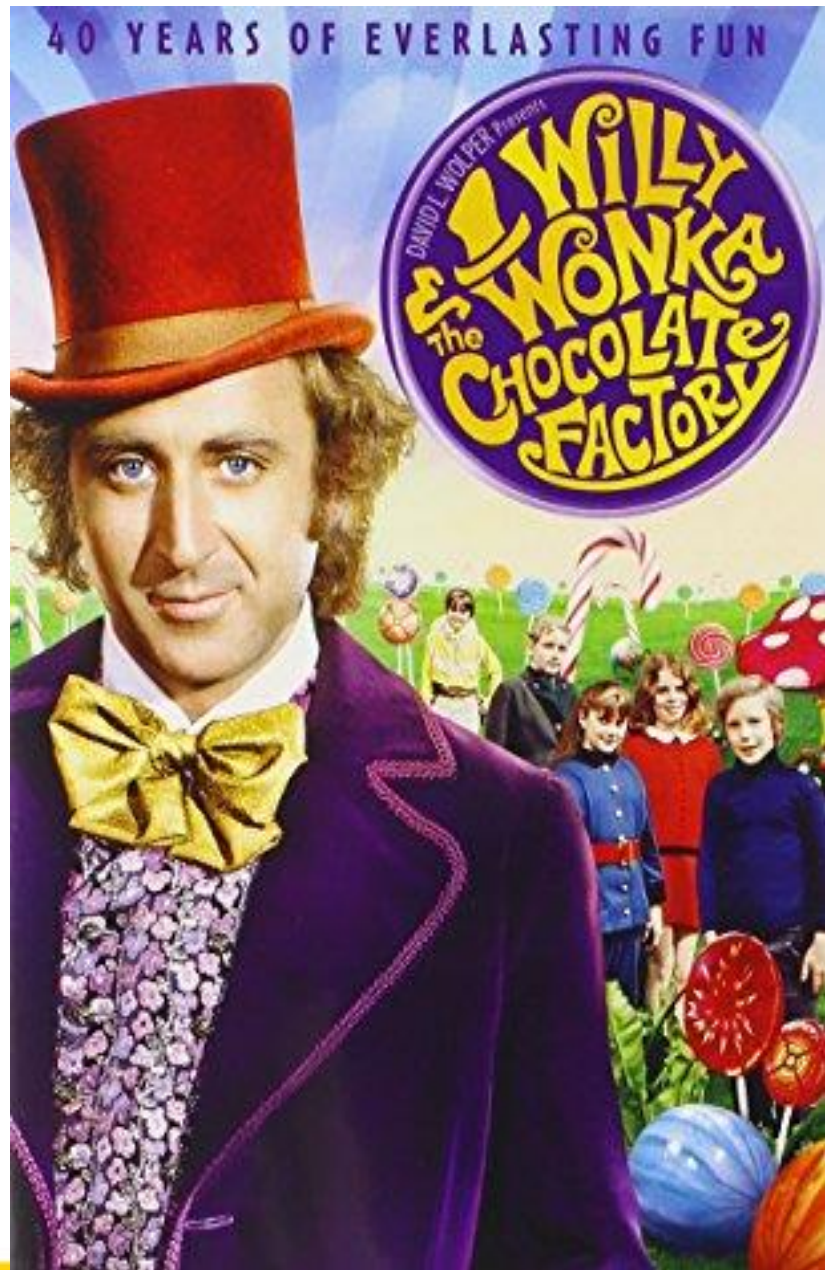
January 2018

Heidi Grunwald, PhD



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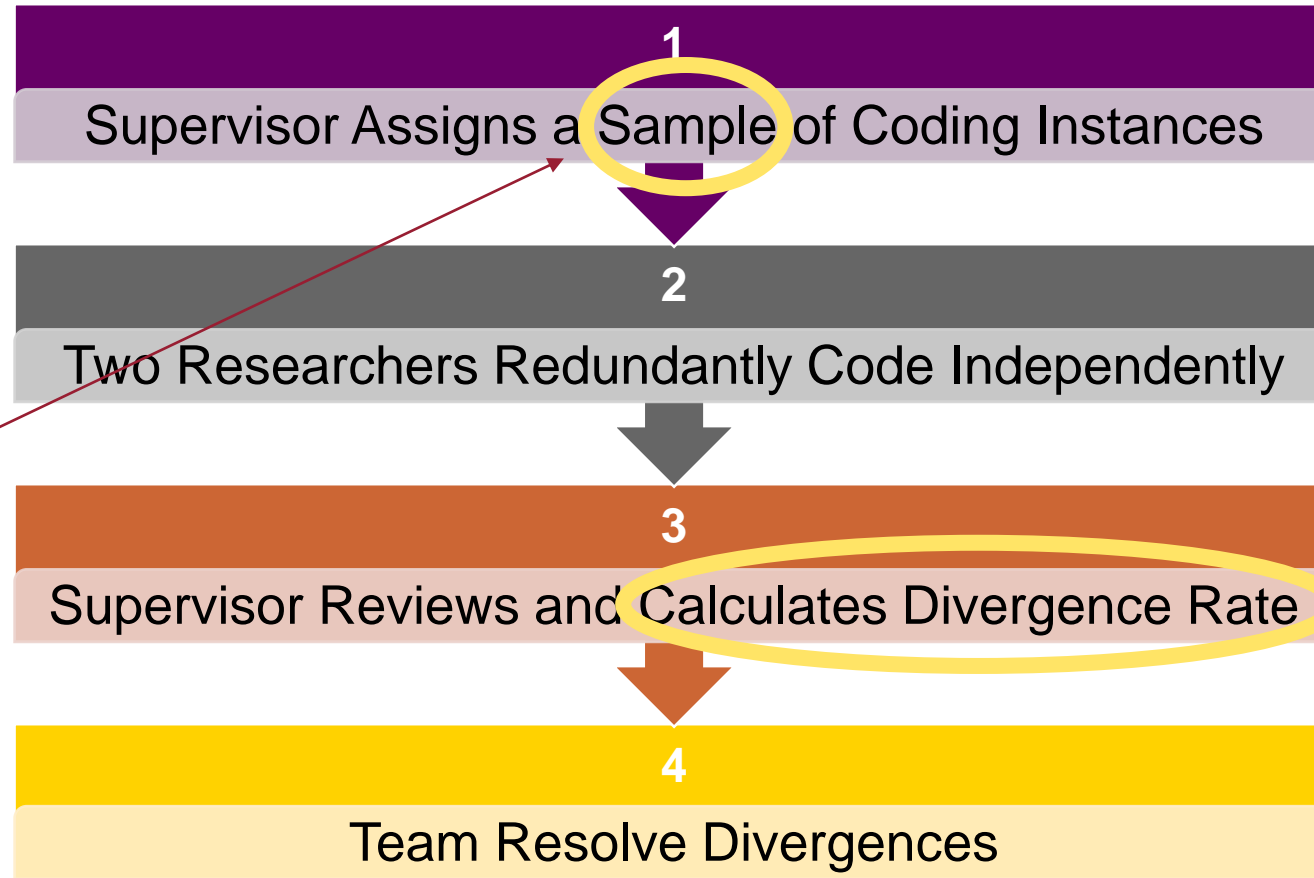
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Recall the Initial Build Process

Currently a
simple random
sample of
state/time
instances?



divergent records /
total records coded

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Why SQC?

- Borrow theory from manufacturing and engineering
 - We randomly sampled a set of records from multiple datasets to calculate the probability that we encountered an error
 - Repeated samples showed that all of our datasets were hovering right around 5% error rate – THUS we use a slightly more conservative probability of error rate for sampling of 10% or .1

How is the SQC process done?

- Once a dataset is completed, a simple random sample is selected from all state / time instances in a dataset. This can be a very large number, some of our longitudinal datasets have more than 11,000,000 records.
- We calculate the needed sample size

$$n = \frac{(Z^2 p*(1-p))}{E^2}$$

Where:

Z = Z value (1.96 for 95% confidence level)
p = probability that we detect an error (.1 used)
E = Margin of Error (.05 = ±5)

How is SQC Process done?

➤ We then use a correction for finite population

$$\text{New } n = \frac{n}{1 + \frac{n-1}{N}}$$

Where:

n = sample size calculation

N = total records in the dataset

Sample Sizes Using our Parameters

Where:

Z = Z value (1.96 for 95% confidence level)

p = probability that we detect an error (.1 used)

		ME = +/- 5%	ME = +/- 3%
N=1000	➔	n = 122	n = 278
N=2000	➔	n = 130	n = 323
N=5000	➔	n = 135	n = 122
N=10000	➔	n = 137	n = 357
N=100000	➔	n = 139	n = 383
N=1000000	➔	n = 139	n = 384

Most Conservative Error Rate

Where:

Z = Z value (1.96 for 95% confidence level)

p = probability that we detect an error (.5 used)

E = Margin of Error (.05 = ± 5)

N=1000	→	n = 278
N=2000	→	n = 323
N=5000	→	n = 357
N=10000	→	n = 370
N=100000	→	n = 383
N=1000000	→	n = 384

The Proverbial Question?

Why don't we report Cohen's kappa like other qualitative researchers?

The Future of SQC

- We want to publish our methods
- We want to explore sample selections above and beyond the simple random sample which is the least efficient estimator
- For example we might start by always selecting parent Qs that have more than 3 child Qs (so proportionate to size)
- Or we might stratify the dataset into states we know have complicated law and those that don't.

SESSION 4

DISSEMINATION





**World
Cancer
Research
Fund International**

NOURISHING: a policy tool

A comprehensive approach to reduce diet-related NCDs

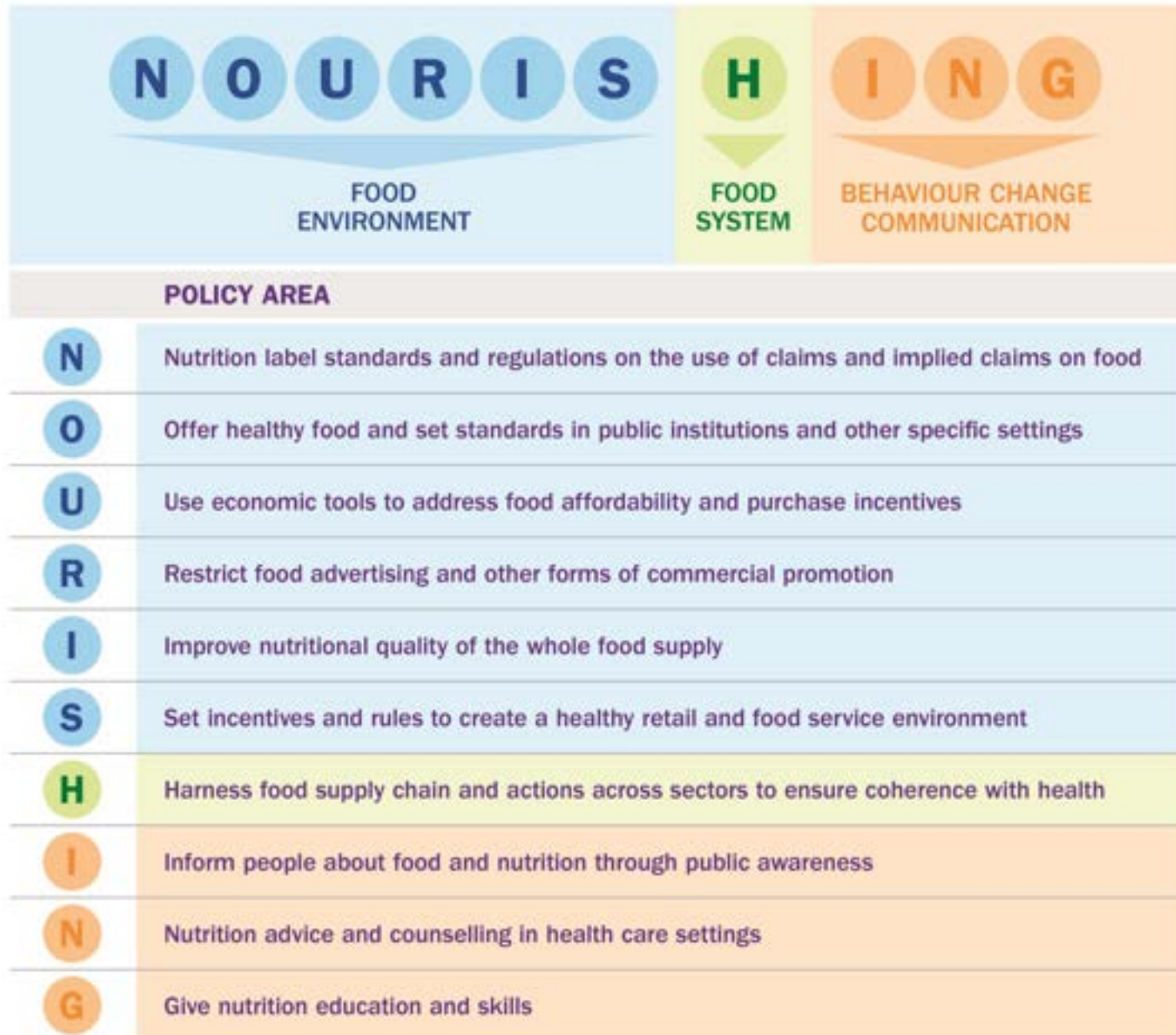
**Policy Surveillance Conference
Philadelphia 18-19 January 2018**

**Bryony Sinclair, MPH
Senior Policy & Public Affairs Manager**



Evidence for policy: The evidence of *effect* from *implemented* policies, for use in subsequent policy development and implementation

1. Where is action needed and what policy options exist?
 - NOURISHING policy framework
2. What policies are implemented?
 - NOURISHING policy database
3. What is the evidence that policies work?
 - Internal reviews of the evidence, publications



How **NOURISHING** can be used

- Policymakers
 - Where is action needed? What will work for us? Is our approach sufficiently comprehensive?

- Civil society organisations
 - What are governments doing around the world? What progress are they making? How can we hold them to account?

- Researchers
 - What evidence is available? What are the research gaps? How can we monitor and evaluate policies?



Filter by country or access the full database below

- Food environment
- Food system
- Behaviour change

- N** Nutrition label standards and regulations on the use of claims and implied claims on foods
- O** Offer healthy foods and set standards in public institutions and other specific settings
- U** Use economic tools to address food affordability and purchase incentives
- R** Restrict food advertising and other forms of commercial promotion
- I** Improve nutritional quality of the whole food supply
- S** Set incentives and rules to create a healthy retail and food service environment
- H** Harness supply chain & actions across sectors to ensure coherence with health
- I** Inform people about food & nutrition through public awareness
- N** Nutrition advice and counselling in health care settings
- G** Give nutrition education and skills

R Restrict food advertising and other forms of commercial promotion ^

There is clear evidence that the advertisements children see influence their food preferences and habits. There is also a lot of evidence that children and adolescents around the world are exposed to a whole host of other promotional techniques, whether on a billboard or through a phone or computer.

Emerging evidence shows that restrictions work to reduce children's exposure to marketing, but this depends on the criteria used in the restrictions. Given the role played by parents and caregivers in what children eat, consideration is needed of how they are also influenced by promotional activities.

[Download the table](#)

Examples of policy actions

- Mandatory regulation of broadcast food advertising to children
- Mandatory regulation of food advertising on non-broadcast communications channels
- Mandatory regulation of food advertising through any medium
- Mandatory regulation of specific marketing techniques
- Mandatory regulation of marketing of specific food items and beverages
- Mandatory regulation of food marketing in schools

What the action involves and where implemented

In 2012, the Chilean government approved a Law of Nutritional Composition of Food and Advertising (Ley 20.606). In June 2015, the Chilean authority approved the regulatory norms required for the law's implementation (Diario Oficial No 41.193), which came into effect on 27 June 2016. The law restricts advertising directed to children under the age of 14 of food in the "high in" category, including TV programmes, internet, radio and magazines (see above). In addition, the regulatory norms ban the promotion, marketing or advertising of these products in pre-school, primary and secondary schools. (See "N - Nutrition label standards and regulations on the use of claims and implied claims on food" and "O - Offer healthy food and set standards in public institutions and other specific settings" for details of the law's labelling and school food regulations).

New evidence-themed series

- Aim: to help policymakers implement evidence-informed nutrition policy
- Policy briefs will:
 - Focus on a specific nutrition policy area
 - Summarise evidence of policy effectiveness – what impact do implemented laws have on behaviours and public health outcomes?
 - Analyse barriers, challenges and enablers to introducing and implementing the specific nutrition policy

Sugar policy brief

- Assessed the effectiveness of implemented consumer-facing policies at influencing the four A's of sugar consumption:
 - Availability
 - Affordability
 - Acceptability
 - Awareness





World
Cancer
Research
Fund International

Thank you!

For further information

Bryony Sinclair, MPH

Senior Policy & Public Affairs Manager



b.sinclair@wcrf.org



[@wcrfint](https://twitter.com/wcrfint)



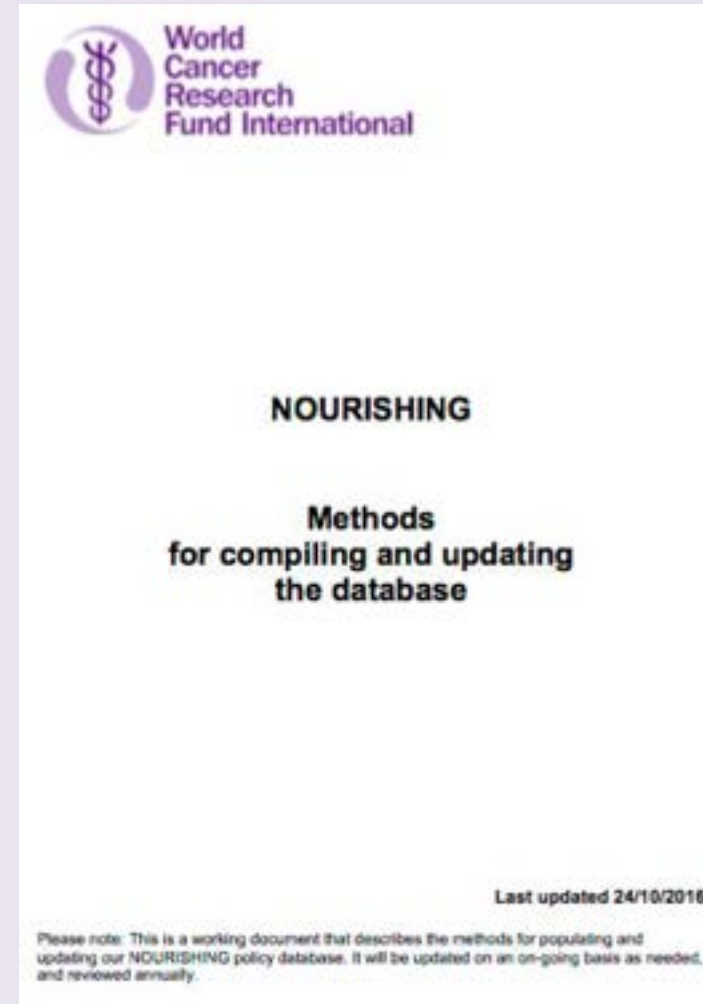
facebook.com/wcrfint

www.wcrf.org

Updating the database

Two-step process:

1. Sourcing and reviewing policy actions
2. Verification process with in-country specialists



Inclusion criteria for policies

1. Must have a public health goal: reduction of obesity and/or nutrition-related NCDs through promoting healthy diets
2. Must be a government policy action
3. Must be implemented
4. Must fit one of NOURISHING's 10 policy areas



Legal Mapping

- Gateway to technical assistance
- Technical assistance resource
- Menu of policy options – legal approaches
- Comparative analysis of impactful policy

Surveys of State Laws and Fact Sheets

The Network
for Public Health Law
Ideas. Experience. Practical answers.

DRUG OVERDOSE PREVENTION
Fact Sheet

Legal Interventions to Increase Access to Naloxone in Colorado

Background

Fatal drug overdose is a nationwide epidemic that claims the lives of an increasing number of Americans every year – over 47,000 in 2014.¹ The majority of these deaths are caused by opioids, both prescription painkillers and heroin. The overdose crisis has not spared Colorado, where nearly 800 people died of drug-related overdoses in 2014, up from 646 in 2013.² The state's rate of drug overdose deaths has climbed 60 percent between 2002 and 2014, from 9.7 per 100,000 residents to 16.3 per 100,000 residents.³ Tragically, most of these deaths are preventable. Opioids kill by depressing respiration, and this opioid-induced respiratory depression can typically be reversed if a generic, relatively inexpensive medication called naloxone is administered in time.⁴

However, access to naloxone and other emergency treatment has historically been limited by laws that make it difficult for those likely to be in a position to reverse an overdose to access the drug and discourage overdose witnesses from calling for help.⁵ State practice laws generally discourage or prohibit the prescription of drugs to a person other than the person to whom they will be administered (a process referred to as third-party prescription) or to a person the physician has not personally examined (a process referred to as prescription via standing order). Additionally, some prescribers are wary of prescribing naloxone because of liability concerns.⁶ Likewise, even where naloxone is available, bystanders to a drug overdose may be afraid to administer it because of liability concerns.⁷ Finally, overdose bystanders sometimes fail to summon medical assistance for fear of being prosecuted for possession of illegal drugs or similar crimes.⁸

To reverse the unprecedented increase in preventable overdose deaths, nearly all states have amended their laws to increase access to emergency care and treatment for overdose victims, including the administration of naloxone.⁹

Increased Access to Naloxone

In 2015, Colorado enacted a law to provide immunity from civil and criminal liability and professional misconduct to physicians, assistants, advance practice nurses, and pharmacists who prescribe or dispense an opiate antagonist.¹⁰ The law authorizes these medical professionals to prescribe and dispense the medication to the individual

Table 1: Characteristics of state naloxone access laws

As of July 15, 2017

State	Cite	Effective date	Most recent change	Immunity: Prescribers			Immunity: Dispensers			Immunity: Lay administrators		Lay distribution and possession		Prescribing permitted	
				Chief	Collateral	Disciplinary	Chief	Collateral	Disciplinary	Chief	Collateral	Lay distribution	Poss. with Rx	3rd Party	Standing order
AL	Ala. Code § 26-5-280	Yes	May 10, 2010	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	-	Yes	Yes
AK	Alaska Stat. Ann. § 20.05.340; Alaska Stat. Ann. § 17.20.080	Yes	Mar. 15, 2010	Yes	-	-	Yes	-	-	Yes	-	Yes	-	Yes	Yes
AZ	Ariz. Rev. Stat. Ann. § 30-919; Ariz. Rev. Stat. Ann. § 30-2250; Ariz. Rev. Stat. Ann. § 30-2882	Yes	Aug. 8, 2010	-	Yes	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes
AR	Ark. Code Ann. § 20-13-080; 8-195	Yes	July 22, 2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
CA	Cal. Civ. Code § 1714.22; Cal. Bus. & Prof. Code § 4054.01	Yes	Jan. 1, 2014; Jan. 1, 2015	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
CO	Colo. Rev. Stat. Ann. § 13-26-117.7; Colo. Rev. Stat. Ann. § 13-42.5-120	Yes	Apr. 3, 2015	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
CT	Conn. Gen. Stat. Ann. § 12b-716a	Yes	May 27, 2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-
DC	D.C. Code § 7-4000; D.C. Code § 7-404	Yes	Feb. 18, 2017	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes ¹¹	Yes	Yes	Yes
DE	Del. Code Ann. tit. 16, § 128; Del. Code Ann. tit. 31, § 8010	Yes	June 25, 2014; Aug. 4, 2014	Yes	Yes	Yes	Yes ¹²	Yes ¹²	Yes ¹²	-	-	-	-	Yes ¹²	Yes
FL	Fla. Stat. Ann. § 381.887	Yes	July 1, 2010	Yes ¹³	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	Yes	Yes ¹³
GA	Ga. Code Ann. § 26-4-118.2	Yes	Apr. 18, 2017	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	- ¹⁴	Yes	Yes ¹⁴

Network Report E-newsletter



The Network for Public Health Law
Network Report
Thursday, December 7, 2017

SHOWCASE YOUR WORK.
Present at the
2018 Public Health Law Conference
Health Justice, Empowering Public Health
and Advancing Health Equity
www.c22e

Abstract Submission Deadline Extended to December 31!
Don't miss this opportunity to showcase your work and connect with practitioners, policymakers, lawyers, advocates and researchers working on the critical issues that impact the health of our communities.

 **Scott Hall, J.D., Senior Vice President for Civic and Community Initiatives at the Greater Kansas City Chamber of Commerce newest member of the Network's Advisory Board**
In his role at the Kansas City Chamber of Commerce, Scott Hall oversees the work on the Chamber's "Healthy KC" project, an initiative to make Greater Kansas City a destination for healthy living. With his extensive experience in tobacco policy, trauma-informed care and other critical areas, Mr. Hall will help guide the Network's cross-sector and community health initiatives.

 **New HIPAA Guidance Promotes Information-Sharing to Support Recovery from Opioid Addiction**
The Department of Health and Human Services has released new guidelines that clarify when and how healthcare providers can share information with family members, friends and legal representatives of those who are suffering from opioid addiction.

 **Overdose Reporting Requirements**
As powerful synthetic opioids become more available, it is imperative that health departments and other relevant actors are provided with accurate, timely and actionable information on both fatal and non-fatal overdoses.

- Bi-weekly
- Current subscribers: 6,349
- Includes:
 - Legal resources and tools
 - Analysis of current issues in law and policy
 - Legal technical assistance highlight
 - Recently published research
 - Network news and events
 - Other news and information of interest

Network Website



The screenshot shows the homepage of The Network for Public Health Law. At the top left is the logo and tagline "Ideas. Experiences. Practical answers." To the right is a search bar with the text "Are you looking for something specific?". Below the header is a navigation bar with links for "Topics & Resources", "Events & Webinars", "Blog", and "About the Network". On the right side of the navigation bar are buttons for "JOIN the Network" and "ASK a Question".

The main content area features a large banner for a webinar titled "Executive Decision Making and Liability for Public Health Officials" on January 25, 1 - 2:30 p.m. EST, with a "Register" link. Below the banner are three columns of content:

- What's New:** A link to "Public Health Emergency Declaration Falls Short of Expanding Access to Opioid Use Disorder Treatment in Rural Communities". The text below states that the number of Americans affected by the opioid epidemic has reached staggering rates, and in 2016, more Americans died from drug overdoses than died through the entirety of the Vietnam War. It mentions that there is an effective, evidence-based way of treating opioid use disorder (OUD) - treatment with the medications methadone and buprenorphine, which is termed medication-assisted treatment (MAT). There are links for "Read More" and "Comments".
- Latest Resource:** A link to "Issue Brief: Mandatory Drug Stewardship Programs". The text below states that some local and municipal governments have enacted mandatory local drug take-back programs, also called Extended Producer Responsibility (EPR) or stewardship programs that are funded and managed by pharmaceutical companies or producers. The issue brief provides an overview of mandatory drug take-back programs in the U.S. There is a "Read More" link.
- Health Justice in 2018:** A link to "A Message from the Network's National Director". The text below states that at the Network, they are hopeful as they look forward to the year ahead. They see organizations across the country of every size and shape working tirelessly despite breaks and challenges from numerous fronts to ensure that ALL Americans are given a fair chance to live healthy and productive lives. At its core, health justice is about addressing the systemic inequities that create conditions for poor health outcomes. While it has always been central to what they do, in 2018 the Network will prioritize efforts and initiatives that identify and address discriminatory laws, policies and other systemic mechanisms that lead to disadvantage and disparities in the health of communities. There are links for "Read More" and "Announcements".

- Average 1K active users per week
- Analysis of current issues in law, policy (blog)
- Legal resources and tools
- Events and webinars
- Legal technical assistance information and request form
- Legal technical assistance database
- Lawyer directory
- Newsletter archive

Network Webinars



The screenshot shows a webpage for a webinar titled "Executive Decision Making and Liability for Public Health Officials". The page includes a search bar, navigation links for "Topics & Resources", "Events & Webinars", "Blog", and "About the Network", and buttons for "JOIN the Network" and "ASK a Question". The webinar details include the date "January 25, 1:00 - 2:30 p.m. EST", co-sponsors "The Network for Public Health Law and the Partnership for Public Health Law", and a description of the webinar's focus on discretion and legal challenges. It lists learning objectives, a moderator (Jason Coates), and speakers (Denise Chrysler, Matthew Penn, and Lance Gable). A "Register" section notes that attendees may qualify for CLE credit. The footer mentions the webinar is a collaborative effort of several public health organizations.

 **The Network**
for Public Health Law
Ideas. Experiences. Practical answers.

Are you looking for something specific? 

[Topics & Resources](#) [Events & Webinars](#) [Blog](#) [About the Network](#) [JOIN the Network](#) [ASK a Question](#)

Executive Decision Making and Liability for Public Health Officials [Back to Webinars](#)

posted on Wed, Dec 22 2017 10:27 am by Network for Public Health Law

January 25, 1:00 - 2:30 p.m. EST

Co-sponsored by the Network for Public Health Law and the Partnership for Public Health Law*

Public health officials have great discretion in carrying out their responsibilities to protect health. However, this discretion can be legally challenged by individuals, organizations, and government.

By attending this webinar, you'll learn about:

- Discretionary authority public health officials have in carrying out their duties
- Situations where use of discretion may be legally challenged
- Factors the law requires to show proof of an abuse of discretion
- Tools to assist public health decision making (the recent prosecutions of health officials for the Legionella outbreak in Flint, Michigan will serve as an example)

Moderation:

- Jason Coates, Public Health Policy Analyst, American Public Health Association

Speakers:

- Denise Chrysler, Director, Network for Public Health Law - Mid-States Region Office
- Matthew Penn, Director, Public Health Law Program, Centers for Disease Control and Prevention
- Lance Gable, Associate Professor of Law, Wayne State University Law School

Register

You may qualify for CLE credit. ASLME is an approved provider of continuing legal education credits in several states. ASLME will also apply for CLE credits in other states upon request.

*The Partnership for Public Health Law is a collaborative of the Association of State and Territorial Health Officials, the American Public Health Association, the National Association of County and City Health Officials, and the National Association of Local Boards of Health.

- Monthly & special series
- Average monthly attendance: 378
- CLE credits available
- Playback available on website and YouTube
- Archived on website

Presentations and Media



- In 2017 Network attorneys:
 - delivered 48 presentations on public health law topics
 - published 27 papers and articles in research and other publications
 - conducted 7 workshops/trainings for a total of 415 participants
- Legal mapping sourced by news media, including:
 - New York Times
 - Washington Post
 - CBS News – 60 Minutes
- Resources disseminated on Network’s social media to:
 - 3,599 Twitter followers
 - 9,834 Facebook followers
 - 2,582 LinkedIn members

Advancing Knowledge to Practice through the Application of a Policy Research Continuum

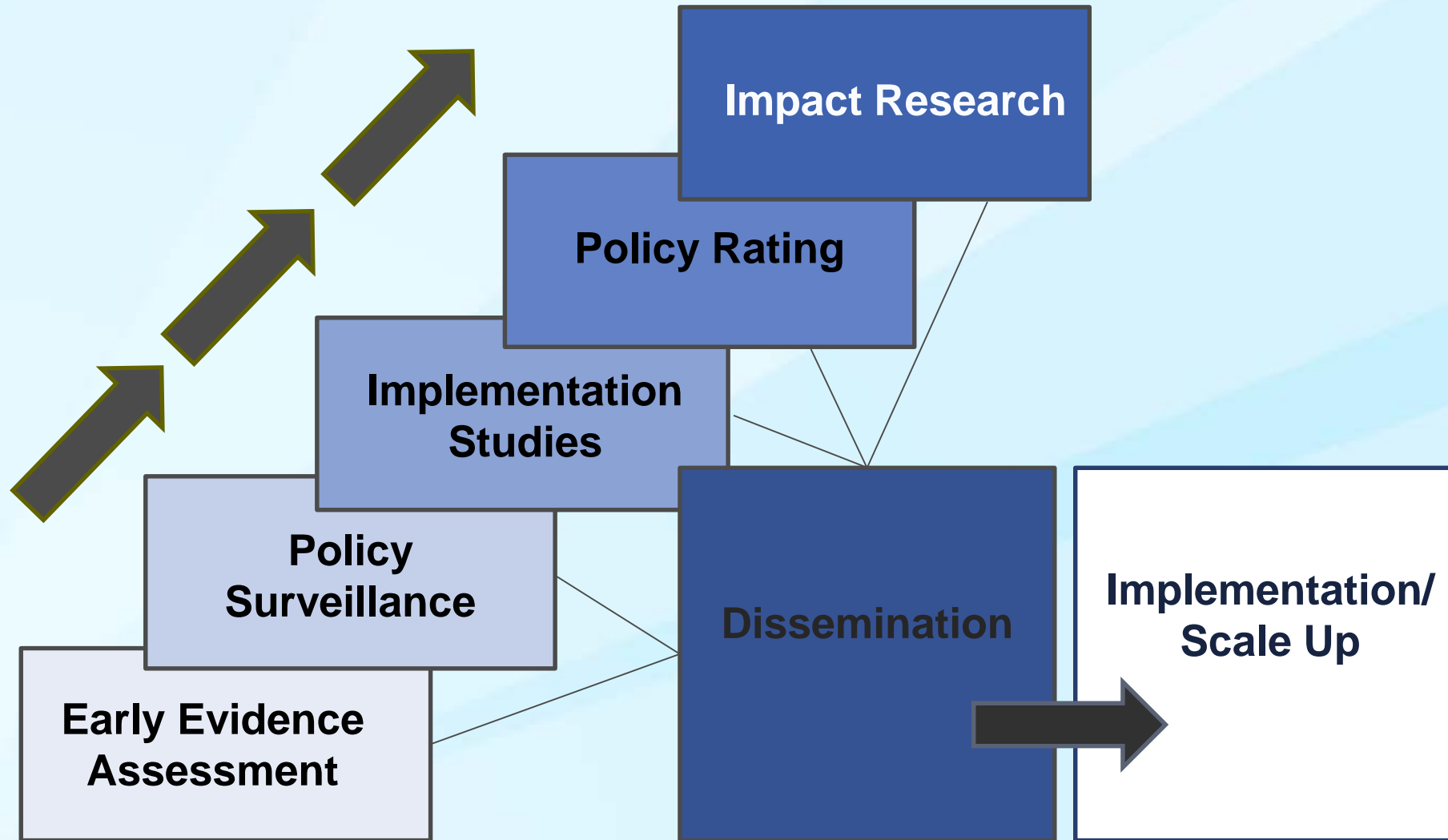
Michael Schooley, MPH

Chief, Applied Research and Evaluation Branch
Division for Heart Disease and Stroke Prevention
Centers for Disease Control and Prevention

January 18, 2018



Policy Research Continuum

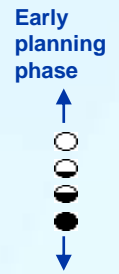


Policy Research Continuum

Early Evidence Assessments	Policy Surveillance	Policy Implementation Studies	Policy Rating	Policy Impact Research	Dissemination	Implementation/ Scale Up
<p>Implement emerging evidence assessment tools to guide deployment of new and innovative policy interventions</p>	<p>Identify where important policies have and have not been adopted as an important facilitator of scale-up</p>	<p>Identify barriers and facilitators of wide-scale implementation</p>	<p>Clarify policies and policy levers that are effective and those that are not.</p> <p>Assess evidence on the comparative effectiveness of the policy alternatives.</p>	<p>Assess evidence on the impact of policies.</p> <p>Apply system science and modeling to estimate the impact of emerging policies</p>	<p>Create products to aid implementation and scale up of effective policies</p> <p>Focus on areas where diffusion and sustainability have not occurred</p>	<p>Scale up of specific policies and practices shown to be promising or effective</p> <p>Use available frameworks and methods to show stakeholders how policy can accelerate scale up and adoption</p>
<p><u>Cross-Cutting</u>: Identify collaborators who can help sharpen research questions, implement interventions and take evidence into the policy-making stage</p>						



Policy Research Agenda



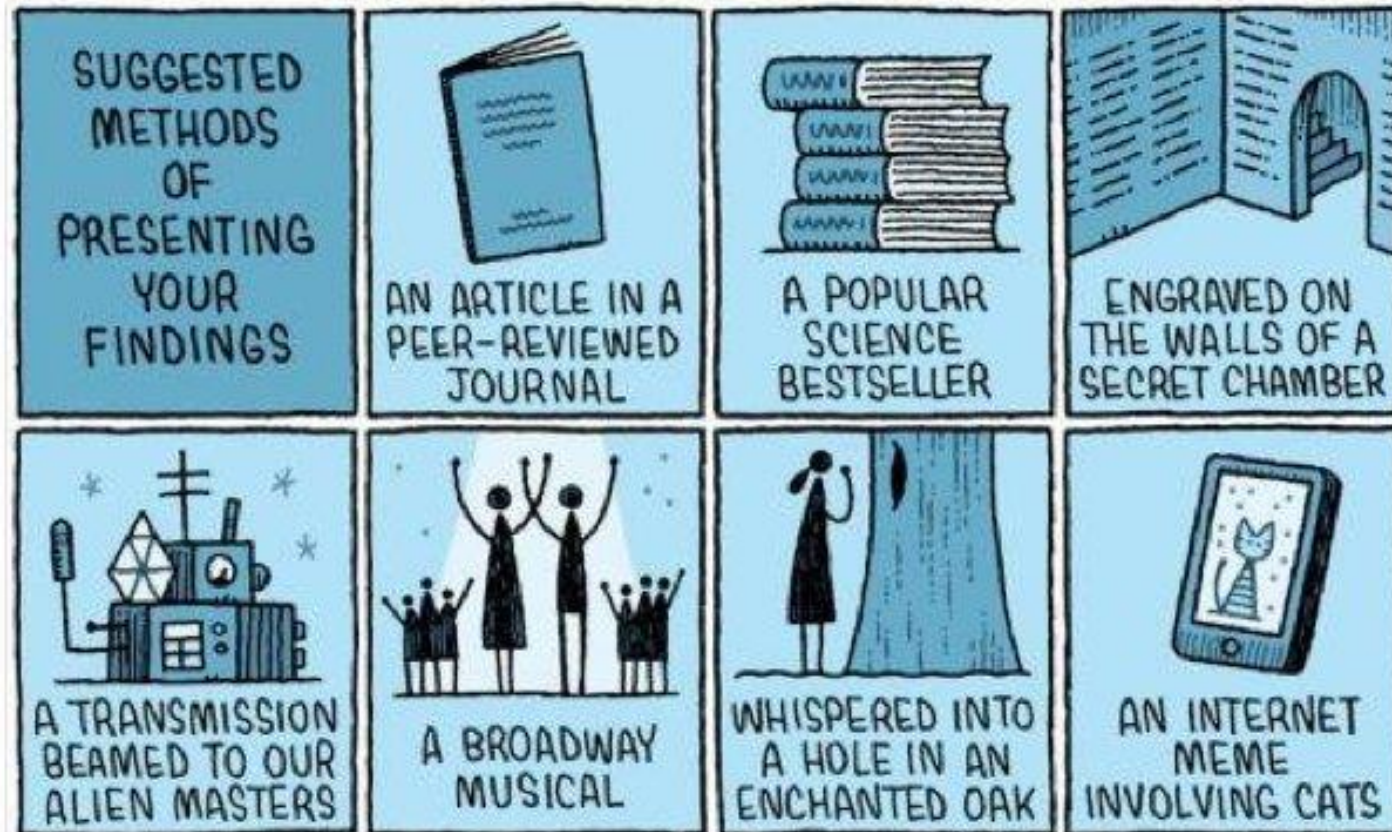
Complete

N/A- Externally available evidence assessment already exists

	Early Evidence Assessments	Policy Surveillance	Policy Implementation Studies	Policy Rating	Policy Impact Research	Dissemination	Implementation/Scale Up
Workplace Health Promotion	●	●	◐	◐	○	●	◐
Sodium Reduction	○	●	●	◐	○	●	●
Community Health Worker	●	●	●	◐	◐	●	●
Patient-Centered Medical Home	◐	●	○	◐	○	◐	○
Nurse Practitioner Scope of Practice	N/A	●	●	●	◐	◐	○
Prescription Drug Cost Sharing		●				●	
Collaborative Drug Therapy Management		●	●	◐	○	●	◐
Stroke	●	◐	●	◐	○	●	○
Public Access Defibrillation	●	●	◐	●	◐	●	◐

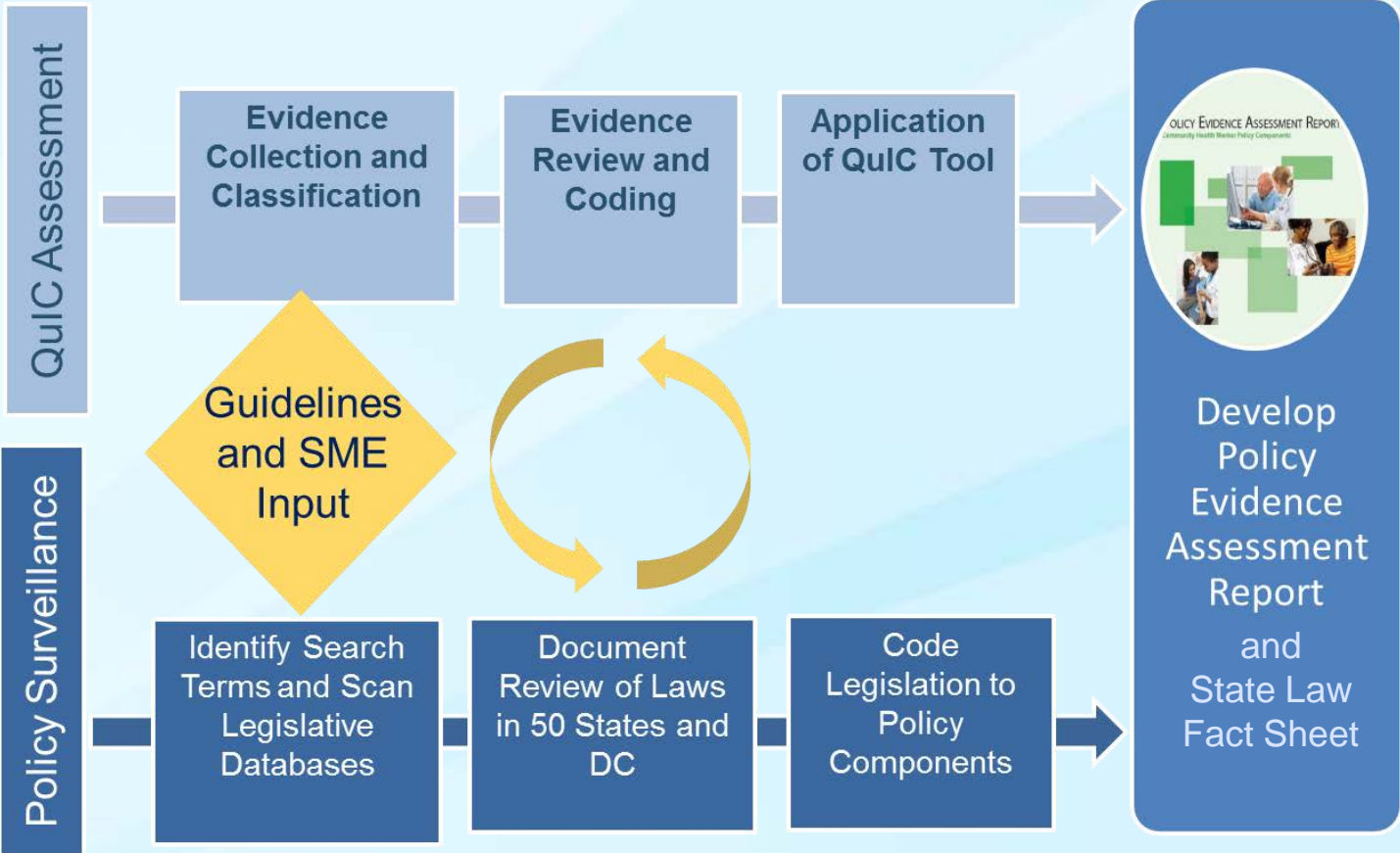


Dissemination




TOM GAULD

Policy Evidence Assessment & Surveillance




Early Evidence Assessments



The Evidence for Pre-hospital Emergency Medical Service Systems Policy Interventions Addressed in Existing State Laws
A Policy Evidence Assessment Report

National Center for Chronic Disease Prevention and Health Promotion
 Division for Heart Disease and Stroke Prevention



Stroke Pre-notification of Receiving Facility by EMS Providers

Evidence Level: BEST

States can encourage EMS providers to pre-notify receiving facilities of a suspected stroke patient; for example, by incorporating pre-notification into EMS protocol algorithms and checklists, including pre-notification as a component of EMS training and continuing education, and reviewing the use of pre-notification as a part of continuous quality improvement activities within stroke systems of care¹¹

Example of state law addressing this policy intervention
 A Wyoming regulation requires EMS providers to issue a "Notification of Stroke Alert" to the receiving Stroke Center as soon as possible for patients with a positive FAST (Facial droop; Arm droop; Slurred speech) and Time to call for help) assessment. 15 Wyo. Code §. 1674 (RS) 16 1 (b)(4)(A) (2017)

Evidence for Potential Public Health Impact:	Evidence Quality:
Effectiveness: ●●●● Weak ●●●●●●●● Stronger Equity & Reach: ●●●● For more on how evidence for potential impact was assessed, see the Appendix. Efficiency: ●●●● Transferability: ●●●●	Evidence Types: ●●●● Lower ●●●●●●●● Higher Source: ●●●● For more on how evidence quality was assessed, see the Appendix. Evidence from Research: ●●●● Evidence from Translation & Practice: ●●●●
TOTAL: ●●●●●●●●●● SCORE: STRONG	TOTAL: ●●●●●●●●●● SCORE: HIGH
Reported health-related outcomes	Pre-notification was linked with improved stroke recognition, ^{2,8} and increased access to appropriate stroke treatment. ^{2,9} Stroke systems that included pre-notification were also linked to improved stroke recognition ^{10,12} and increased access to appropriate stroke treatment. ^{10,12}
Groups studied	Studies reporting positive health-related outcomes examined the general population. ^{2,10}
Economic highlights	No economic outcomes January 1, 2007-May 31, 2017.
Settings	There was one national study in the evidence base. ⁸ Additional studies were set in local or state stroke systems in California, ⁹ Illinois, ¹¹ Massachusetts, ^{2,8,12} Michigan, ¹ North Carolina, ⁸ and Pennsylvania. ¹⁰

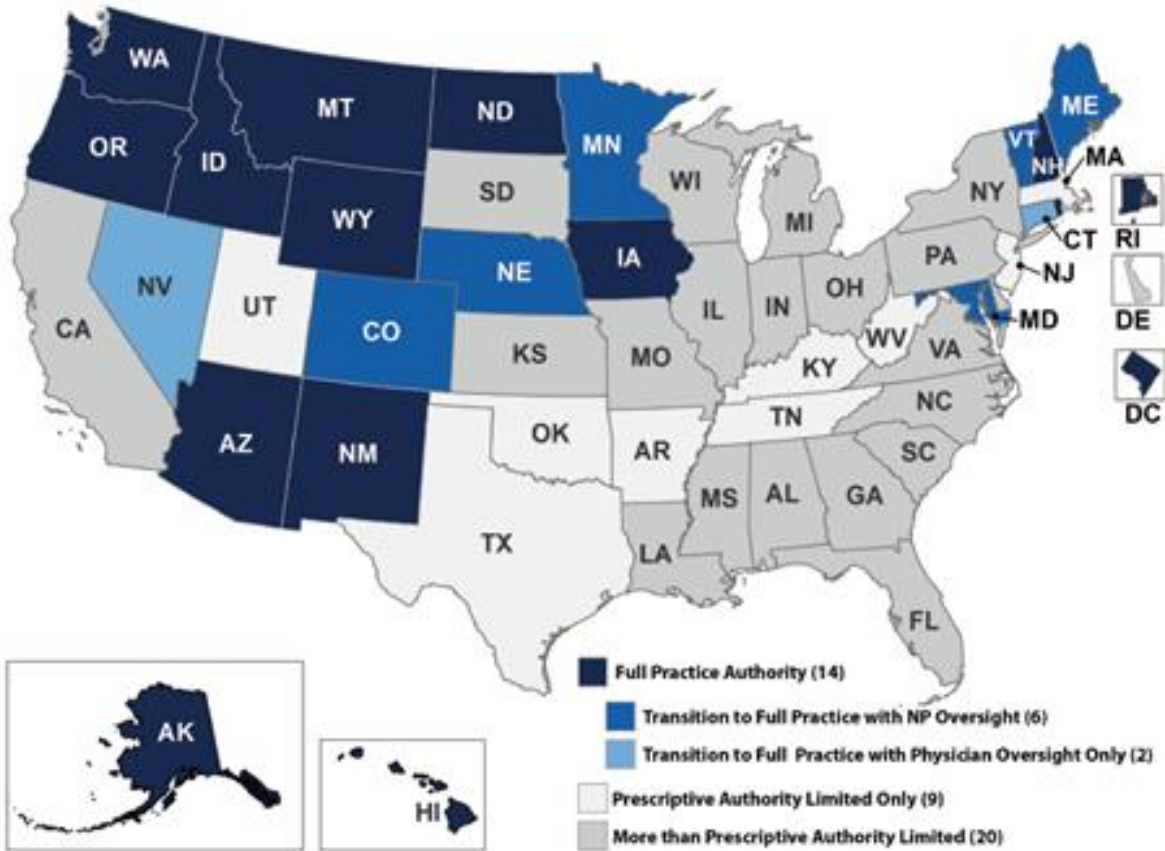


Policy Surveillance: State Law Fact Sheets

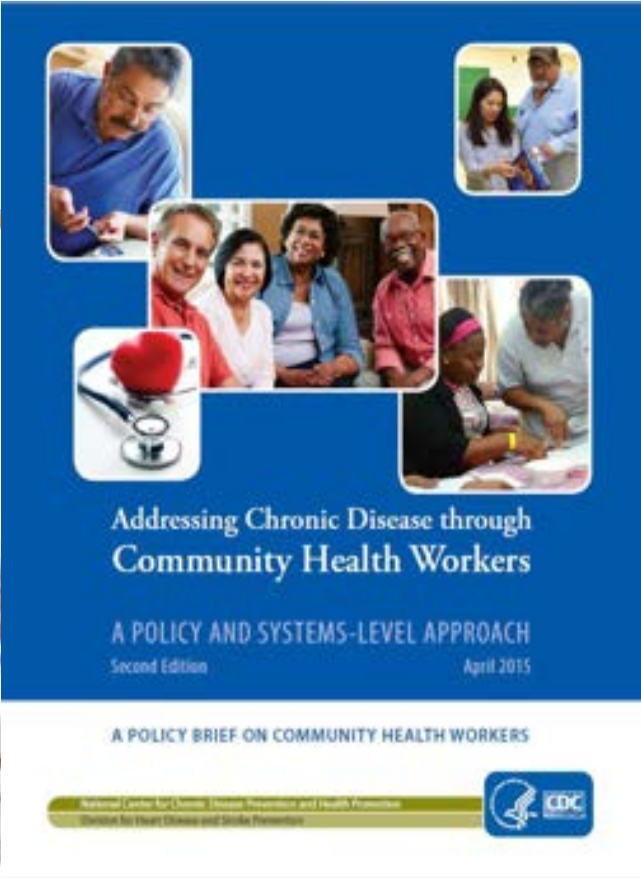
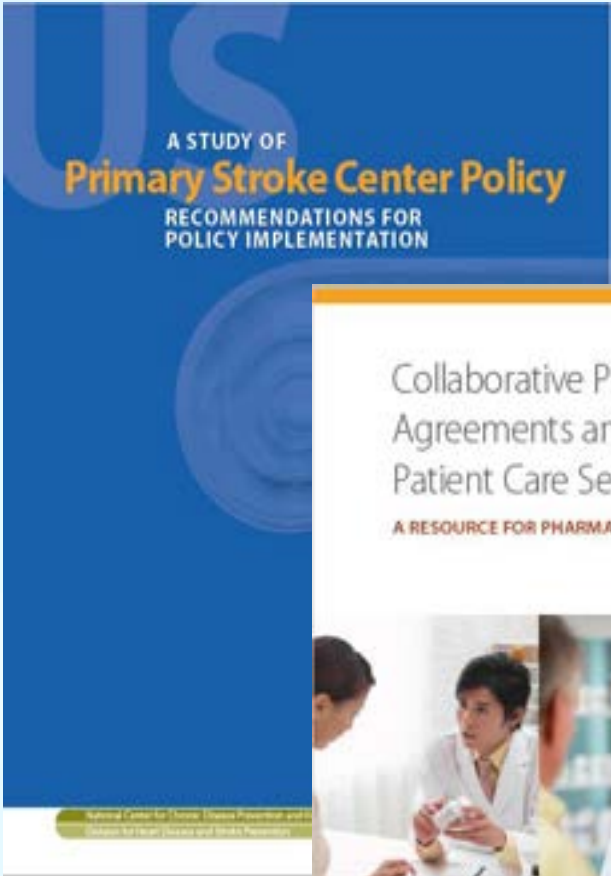
STATE LAW FACT SHEET: A SUMMARY OF NURSE PRACTITIONER SCOPE OF PRACTICE LAWS, IN EFFECT APRIL 2016*

Nurse Practitioner Practice Authority by State & D.C.

In Effect April 2016



Implementation Studies



Collaborative Practice Agreement (CPA) Toolkit: accelerating use under state laws authorizing pharmacist-provider collaborative practice



- ❑ Released June 1, 2017
- ❑ Posted on NASPA site with over 2,300 views
- ❑ Featured in partner monthly publications
- ❑ In-person training, presentations, webinars

- ❑ Engage stakeholders early and often
- ❑ Build demand and increase reach with partners
- ❑ Evaluate uptake and improve

<https://www.cdc.gov/dhdsppubs/docs/CPA-Team-Based-Care.pdf>



Summary & Considerations

- ❑ Engagement of Subject Matter Experts and Stakeholders
- ❑ Dissemination Planning, Preparation and Perseverance
- ❑ Policy Surveillance: Ad-hoc vs. System
- ❑ Linking Policy and Population Surveillance Data
- ❑ What's in a law: observed vs. ideal
- ❑ Utility of Artificial Intelligence Technologies

For more information

- ❑ **Team Members involved in policy research:**

Chris Jones (Lead), Colleen Barbero, Erika Fulmer, Siobhan Gilchrist, Andy Kunka, Sharada Shantharam

- ❑ **Policy Resources:**

https://www.cdc.gov/dhdsp/pubs/policy_resources.ht



This presentation represents views and information from the presenter and does not necessarily represent the official position of the Centers for Disease Control and Prevention

THE

POLICY

SURVEILLANCE

PROGRAM

A LawAtlas Project

SESSION 5

TECHNOLOGY FOR RESEARCH AND VISUALIZATION





Using Technology to do Policy Surveillance

Elizabeth Platt, Esq.
Legal Science, LLC

An Introduction to MonQcle

Direct Dispensing of Controlled Substances Laws

Manage Team

Back to Codebook Copy Edit Draft Publish Advance

Questions

+ Add Question

- 1 | 1 Are Physicians expressly granted the authority to directly dispense controlled substances to patients?
- 1.1 Are there restrictions on how large of a supply a physician may dispense?
- 1.2 Are there any restrictions on charging for directly dispensed drugs?
 - 1.2.1 How are physicians restricted from charging for drugs?

+ Add Record

List View

Map View

Timeline View

Export

Copy

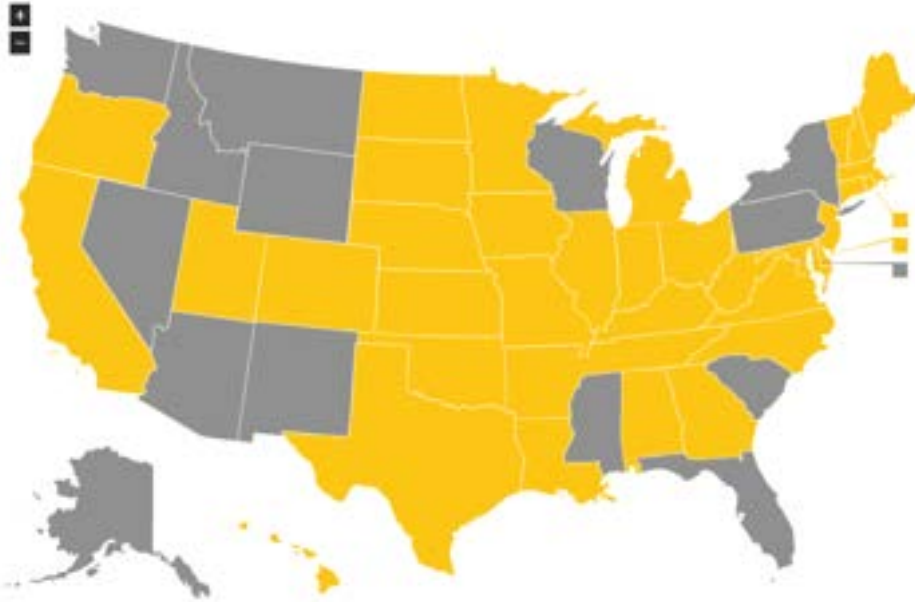
CSV

Print

Show entries

Search:

Record	Effective	Through	Progress	Series	
AK (Alaska)	7/26/2017	10/1/2017	14/19	Alex	
AL (Alabama)	11/20/2014	10/1/2017	15/19	Alex	
AR (Arkansas)	8/1/2017	10/1/2017	11/19	Alex	
AZ (Arizona)	7/1/2017	10/1/2017	16/19	Alex	
CA (California)	1/1/2016	10/1/2017	15/19	Alex	



Start here

Did you know?

Ten years ago, 44% of U.S. states had a law regulating cellphone-use while driving.

[Read more](#)

[view table](#)

[share results](#)

[Download the Map](#)

Map Legend: Yes

Pick a year

2015

Year:

Where At least one of these selections apply

Does the state have a law restricting cellphone use for drivers of a specific age? Yes

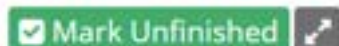
Direct Dispensing of Controlled Substances Laws



7/26/2017 → 10/1/2017

(states) Alaska, United States of America

Questions



14/19

1 | 1 Are Physicians expressly granted the authority to directly dispense controlled substances to patients? 1

% controlled substance, ... x

1.1 | 1.1 Are there restrictions on how large of a supply a physician may dispense? 1

% prescribe, seven-day s... x % controlled substance, ... x

1.2 | 1.2 Are there any restrictions on charging for directly dispensed drugs? 0

New Source Search Source Law Library

Alaska Stat. § 08.64.363. Maximum dosage for opioid prescriptions

7/26/2017 - 10/1/2017 | Version 1 | Managed by: AJFrazer



(a) A licensee may not issue

(1) AJFrazer an initial prescription for an opioid that exceeds a seven-day supply to an adult patient for outpatient use;

(2) a prescription for an opioid that exceeds a seven-day supply to a minor; at the time a licensee writes a prescription for an opioid for a minor, the licensee shall discuss with the parent or guardian of the minor why the prescription is necessary and the risks associated with opioid use.

(b) Notwithstanding (a) of this section, a licensee may issue a prescription for an opioid that exceeds a seven-day supply to an adult or minor patient if, in the professional medical judgment of the licensee, more than a seven-day supply of an opioid is necessary for

The Prescription Drug Abuse Policy System (PDAPS)

The screenshot displays the PDAPS web application interface. At the top, there is a navigation bar with links for Home, About, Contact Us, News, Resources, and Contact. The main header includes the title "Explore Policy" and a sub-header "Explore and filter by policy questions". A date range selector shows the period from 2013 to 10/01/17. Below this, there are tabs for "EXPLORER" and "FILTER", with "FILTER" currently selected. A "RESET" button is also present. The "Criteria" section lists two questions: "1. Are Physicians expressly granted the authority to directly dispense controlled substances to patients?" and "1.1. Are there restrictions on how large of a supply a physician may dispense?". The "Filter" section shows three questions with radio button options for "Yes" and "No": "1. Are Physicians expressly granted the authority to directly dispense controlled substances to patients?", "1.1. Are there restrictions on how large of a supply a physician may dispense?", and "1.2. Are there any restrictions on charging for directly dispensed drugs?". A "Profiles" tab and a "Map" button are visible. A "Share" button is located in the top right corner. A modal window titled "Excerpts from the law:" is open, displaying text from Alaska Stat. § 08.64.363(a)(1) and (c). The modal also shows a table with columns for "Date" and "Answer". The background shows a map of Alaska and Delaware with their respective policy question results.

Funded by NIDA (#HHSN271201500081C)

Upcoming Features

- Redundancy

Caitlin ▾03/01/2016Caitlin_Alabama_clone ▾

⚠ Missmatches: Answers: 1/3 (0.33) | Citations: 0/3 (0.00)

Alabama⚠ Answers: 1

Caitlin <small>(1) total records</small> Latest Record: 09/17/95 - 03/01/16 http://monqcle.com/dataset/helmet-law/code/56e984faf7d1b64d07805828	Caitlin_Alabama_clone <small>(1) total records</small> Latest Record: 09/17/95 - 03/01/16 http://monqcle.com/dataset/helmet-law/code/5a566f2495679fcf6b8b4568
1.1.1. How old must you be to ride a bicycle without a helmet? (Helmet_None)	
16	17
Citations: <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"><p>Ala Code § 32-5A-283 Unlawful for person to use bicycle under certain conditions.</p><p>Ala Code § 32-5A-283</p><p>Helmet Requirements</p><p>(1) For any person under the age of 16 years to operate or be a passenger on a bicycle unless at all times the person wears a protective bicycle helmet of good fit, fastened securely upon the head with the straps of the helmet.</p></div>	Citations: <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"><p>Ala Code § 32-5A-283 Unlawful for person to use bicycle under certain conditions.</p><p>Ala Code § 32-5A-283</p><p>Child helmet law</p><p>(1) For any person under the age of 16 years to operate or be a passenger on a bicycle unless at all times the person wears a protective bicycle helmet of good fit, fastened securely upon the head with the straps of the helmet.</p></div>

Upcoming F

- Redundant Co
- Error Samplin

date 01/31/2017
confidence 95
margin 5
response 80
get excel

total variables = 5967
check variables = 237

1. Does the state have a law authorizing adults to use medical marijuana?
 Yes
 No

1.1. Does the state law explicitly authorize local jurisdictions to enact laws related to medical marijuana?
 Yes
 No

2. What are the qualifying disease diagnoses for medical marijuana use?
 Arthritis
 Post-Traumatic Stress Disorder
 Cancer
 Glaucoma
 HIV Positive
 AIDS

Alaska | 06-10-2010 > 02-01-2017

Alaska (initial)	06-10-2010 > 02-01-2017	Where is medical marijuana use prohibited? No use prohibitions in the law	not checked
Alaska (initial)	06-10-2010 > 02-01-2017	Does the state law have explicit privacy provisions related to medical marijuana cardholders?	Yes
Alaska (initial)	06-10-2010 > 02-01-2017	What are the qualifying symptom diagnoses for medical marijuana use? No qualifying symptoms listed in the law	not checked

Massachusetts | 05-24-2013 > 02-01-2017

Massachusetts (initial)	05-24-2013 > 02-01-2017	What are the additional requirements for renewing a medical marijuana card? New physician prescription	checked
Massachusetts (initial)	05-24-2013 > 02-01-2017	What are the state requirements for becoming a qualifying patient for medical marijuana use? Physician's written certification	checked
Massachusetts (initial)	05-24-2013 > 02-01-2017	Under what circumstances does the law explicitly say medical marijuana registry cards can be revoked?	not checked

Upcoming

- Reduce
- Error
- Amend

Amendment Tracker

This is the amendment tracker.

Dataset Settings:

Effective 10/01/2013 Through 01/01/2018

Filter:

Nevada ▾

2 Sources



2 Records

(2 Amendments) Nev. Rev. Stat. § 426.097 "Service animal" defined



(1 Amendment) Nev. Rev. Stat. § 426.790 Unlawfully interfering with or allowing dog or other animal to interfere with use of service animal or service animal in training; unlawfully be



Ranges calculated



Records in dataset



Current Projects

NSF Phase I

Machine Assisted Comparative Policy Analysis in Public Health

- Reduce time and effort costs of producing timely policy analysis across 50 states
- Locate relevant policy text using machine learning, natural language processing
- Use feedback to train more accurate topical legal text models

Funded by NSF: # 1746192

Identify **relevant laws** in context of research topics

title	distance
3362 - Lawful medical use.Repeal Date: 07/05/2021	4.25182224317
3363 - Registry identification cards.Repeal Date: 07/05/2021	2.87079242369
3364 - Registered organizations.Repeal Date: 07/05/2021	2.40979890028
3360 - Definitions.Repeal Date: 07/05/2021	1.98900578686
3361 - Certification of patients.Repeal Date: 07/05/2021	1.62711840737
2994-JJ - Caregiver; opportunity to identify.	1.18052802882
179.15 - Criminal retention of medical marihuana.Repeal Date: 07/05/2021	1.08676387997
3369 - Protections for the medical use of marihuana.Repeal Date: 07/05/2021	0.932733736881

In relevant statutes, **present candidates for citations** to questions

Is the law: **3360 - Definitions.Repeal Date: 07/05/2021** about **MEDICAL MARIJUANA**

6. "Public place" [2.08]means a public place as defined in regulation by the commissioner. [8.58]7. (a) "Serious condition" means:

(i) having one of the following >> [32.38]severe debilitating or life-threatening conditions: cancer, positive status for human immunodeficiency virus [16.06]or acquired immune deficiency syndrome, amyotrophic lateral sclerosis, Parkinson's disease, multiple sclerosis, [0]damage to the nervous tissue of the spinal cord with objective neurological [5.94]indication of intractable spasticity, epilepsy, inflammatory bowel disease, neuropathies, Huntington's disease, or [0]as added by the commissioner; and

(ii) any of the following [0]conditions where it is clinically associated with, or a complication of, a [23.11]condition under this paragraph or its treatment: cachexia or wasting syndrome; severe [13.43]or chronic pain; severe nausea; seizures; severe or persistent muscle spasms; or << [0]such conditions as are added by the commissioner.

(b) No later [0]than eighteen months from the effective date of this section, the commissioner [0]shall determine whether to add the following serious conditions: Alzheimer's, muscular dystrophy, [10.87]dystonia, post-traumatic stress disorder and rheumatoid arthritis.

8. "Medical marihuana" means [1.0]marihuana as defined in subdivision twenty-one of section thirty-three hundred two of this article, [8.82]intended for a

Future Development

NIDA Phase II SBIR

Health Outcome Policy Evaluation (HOPE) laboratory

- Expose relationships between drug policy and health outcomes to produce statistical models
- Enable analysts to tune policy variables and understand their effect on outcome projections

Funded by NIH/NIDA: #2R44DA040340-02

Technology with Policy Surveillance Changes the Game

- Legislation and regulation is finite
- Laws measured properly once do not need to be measured again
- Using technology improves policy surveillance
 - Creates efficiencies
 - Reduces costs
 - Improves quality

Ala Code § 34-24-604 Annual registration.

Add to Record

petition the board for an exemption from the requirements of this section for working at a particular entity. The board shall have the sole discretion in determining whether the requested exemption shall be granted or denied.

(g) Fees.

(1) An initial registration fee is provided in an amount set by the board in its rules not to exceed three hundred dollars (\$300).

(2) ~~Renewal fee~~ **RENEWAL FEE**. A renewal fee is provided in an amount set by the board in its rules not to exceed three hundred dollars (\$300).

~~(h) Miscellaneous.~~

~~(1) An applicant p~~ **3) There shall be no initial registra** ~~cticing in more than one location shall submit a separate registration fee for each practice~~ **on fee or renewal fee for additional practice locations.**

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Contact lizzy@legalscience.io or mark@legalscience.io