

# Enhancing Access to Prescription Drug Monitoring Programs

Pilot Impact, In Their Own Words



*Health in the 21<sup>st</sup> Century*



# Today's Agenda



**Project  
Overview**






**Pilot Goals**



**In Their Own Words**

# The Team

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# Overview

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**MITRE**

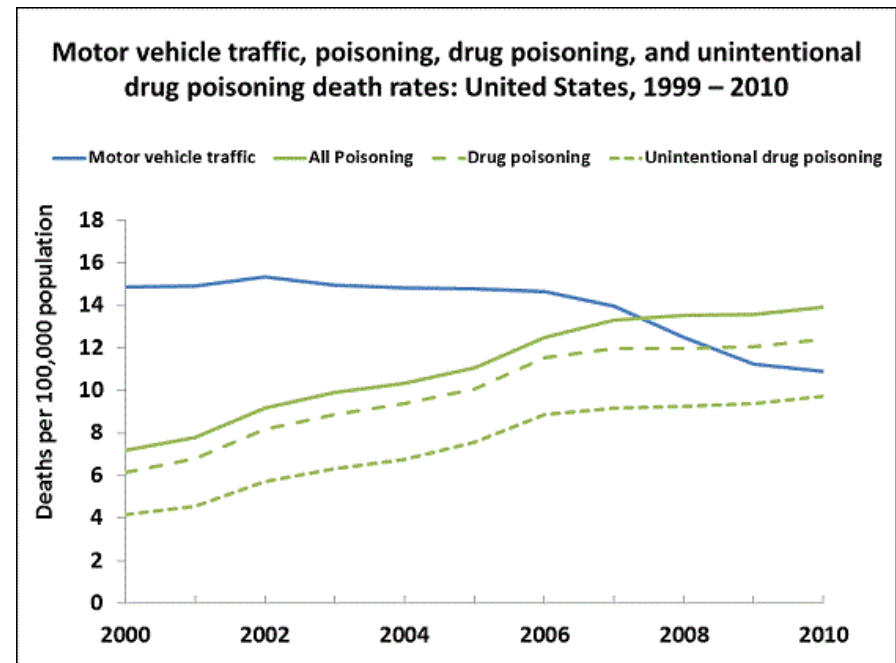
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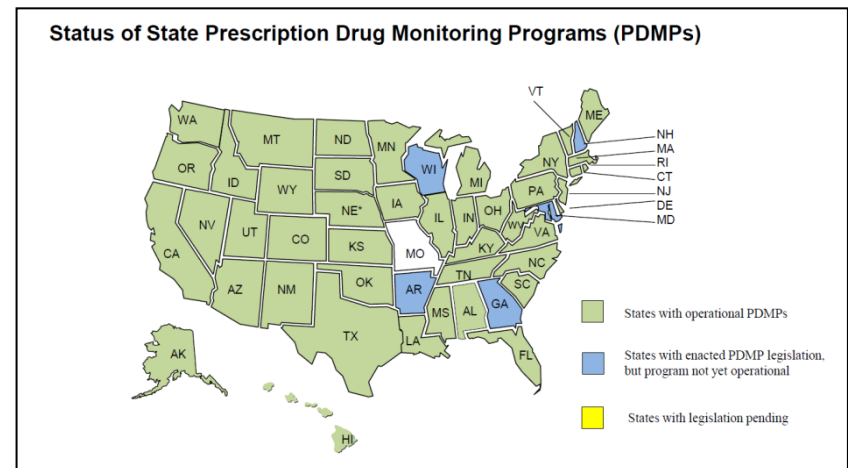
# The Problem

- The Centers for Disease Control and Prevention (CDC) declared that deaths from prescription painkillers now **outnumber deaths from heroin and cocaine combined**
- Prescription drug abuse death is one of the fastest growing public health epidemics, **outpacing deaths from traffic fatalities**



# Prescription Drug Monitoring Programs (PDMPs)

- Many states established PDMPs to address the prescription drug abuse problem
- Purpose: To reduce prescription drug abuse and diversion
- What: Statewide electronic databases
  - Collect, monitor, and analyze electronically transmitted dispensing data on controlled substances
- Who: Authorized healthcare professionals
  - Physicians (known as prescribers)
  - Pharmacists (known as dispensers)
  - Other authorized healthcare professionals



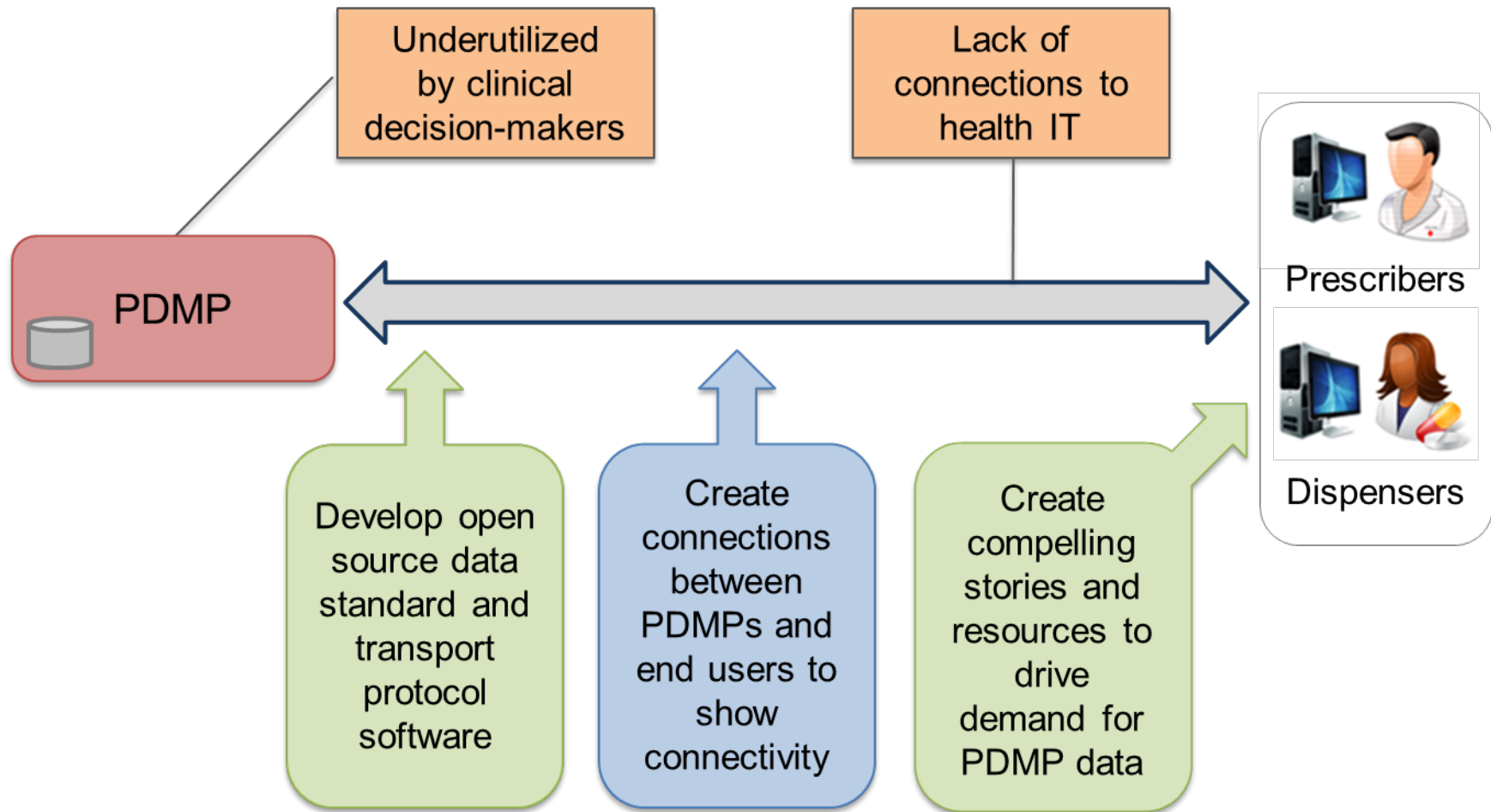
© 2012 The National Alliance for Model State Drug Laws (NAMSDL). Headquarters Office: 215 Lincoln Ave. Suite 201, Santa Fe, NM. 87501  
 This information was compiled using legal databases, state agency websites and direct communications with state PDMP representatives.

# PDMP Value

- **PDMPs contain useful information**
  - Identify patients who are potentially **abusing or diverting** prescription drugs
  - Inform **clinical decisions** regarding controlled substances
- **The issue is how to make this information more available to three key groups of clinical decision-makers:**



# Enhancing Access to Prescription Drug Monitoring Programs





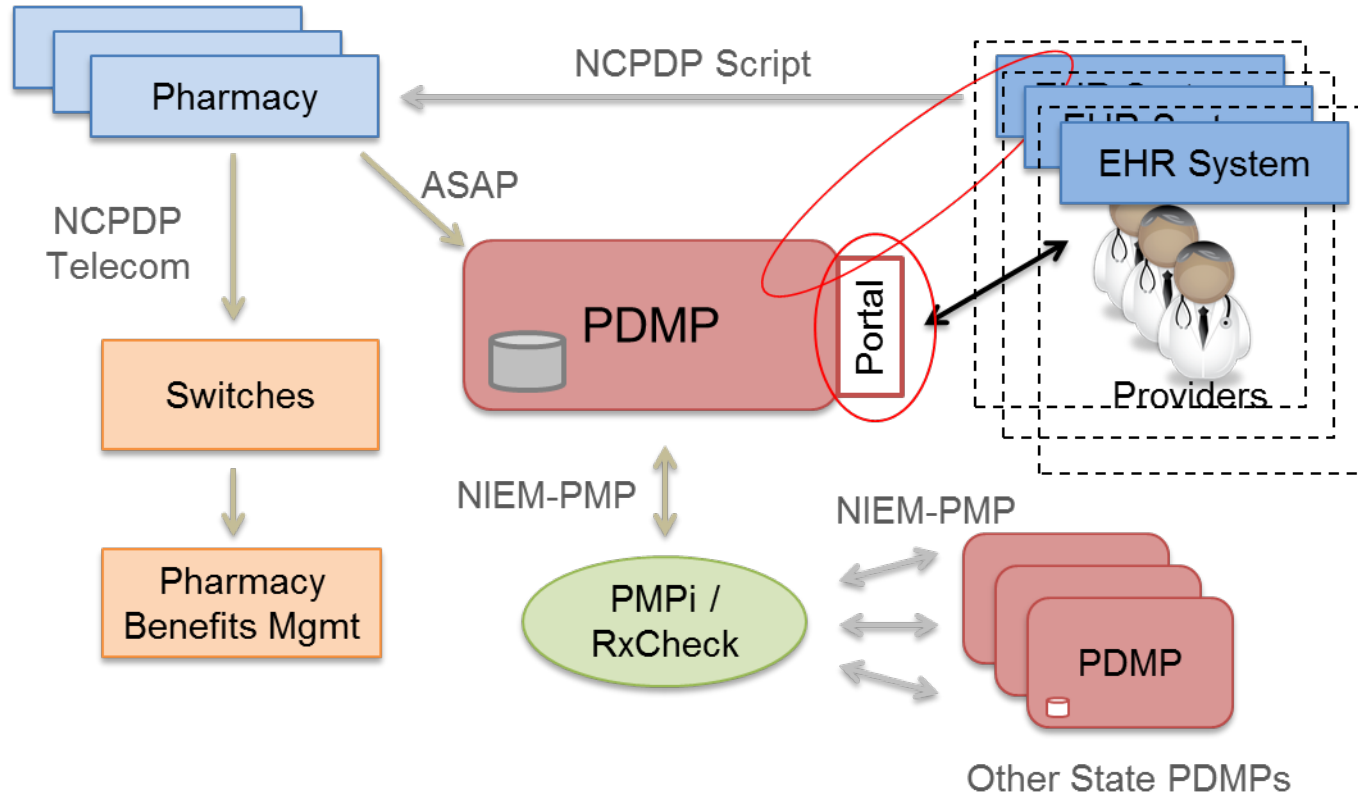
# Pilot Studies

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# The Challenge

The pilot program worked with health care organizations and PDMPs to explore opportunities to improve access to PDMP data by health care providers



# Focus Areas

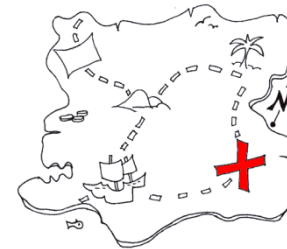
The pilot studies explored effectiveness in multiple areas:



At the point of  
decision-making  
(*timely*)



Real-time data, based on  
the most up-to-date data  
in the PDMP  
(*currency*)



Integrated into existing clinical  
and health IT workflows  
(*placement*)



Meaningful return of patients'  
prescription drug information  
(*essential, easily absorbed, and actionable*)

# Implementation Models

State	End User	Pilot Summary
<b>Illinois (IL)</b>	Emergency Department	Automated query via HIE to PDMP upon patient admission to ED PDMP data integrated into EHR via a Direct message
<b>Indiana (IN<sub>3</sub>)</b>	Emergency Department	Automated query via HIE to multiple states' PDMPs upon patient admission to ED Patient risk score and PDMP data integrated into EHR
<b>Kansas (KS)</b>	Providers	Unsolicited report of at-risk patients sent via Direct to EHR-integrated mailboxes
<b>Michigan (MI)</b>	Providers	Automated query via e-Prescribing software to multiple states' PDMPs and result integrated in patient's medication history
<b>Nebraska (NE)</b>	Emergency Department	Automated query via HIE to PDMP upon patient admission to ED PDMP data integrated into EHR
<b>Oklahoma (OK)</b>	Emergency Department	Automated query via HIE to PDMP upon patient admission to ED PDMP data integrated into EHR
<b>Tennessee (TN)</b>	Pharmacy	Reporting data in real-time to the PDMP from pharmacies

# General Results

- ***Immediate improvement*** in the patient care process after connection
- ***Streamlined the user workflows*** by leveraging technology to enable PDMP query and processing tasks
- Prescribers and dispensers were the ***most satisfied*** with their new workflows when ***technology automated*** the majority of workflow tasks

## ***In their own words...***

- ***“I have to say that this is probably one of the more ***genius moves of the 21<sup>st</sup> century*** . . . having easy access to [the PDMP] without going to a totally different website and have it pop up instantly has taken a lot of time off of decision making for me.”***
  - *Emergency Department Physician*
- ***“Yes, much easier. Especially like being able to click on the report and be ***taken directly to the patient’s report*** without having to enter the patient’s name, date of birth, and zip code (this was very time consuming and sometimes prevented me from looking up the information in the past).”***
  - *Ambulatory Family Physician*

# Implementers – In Their Own Words

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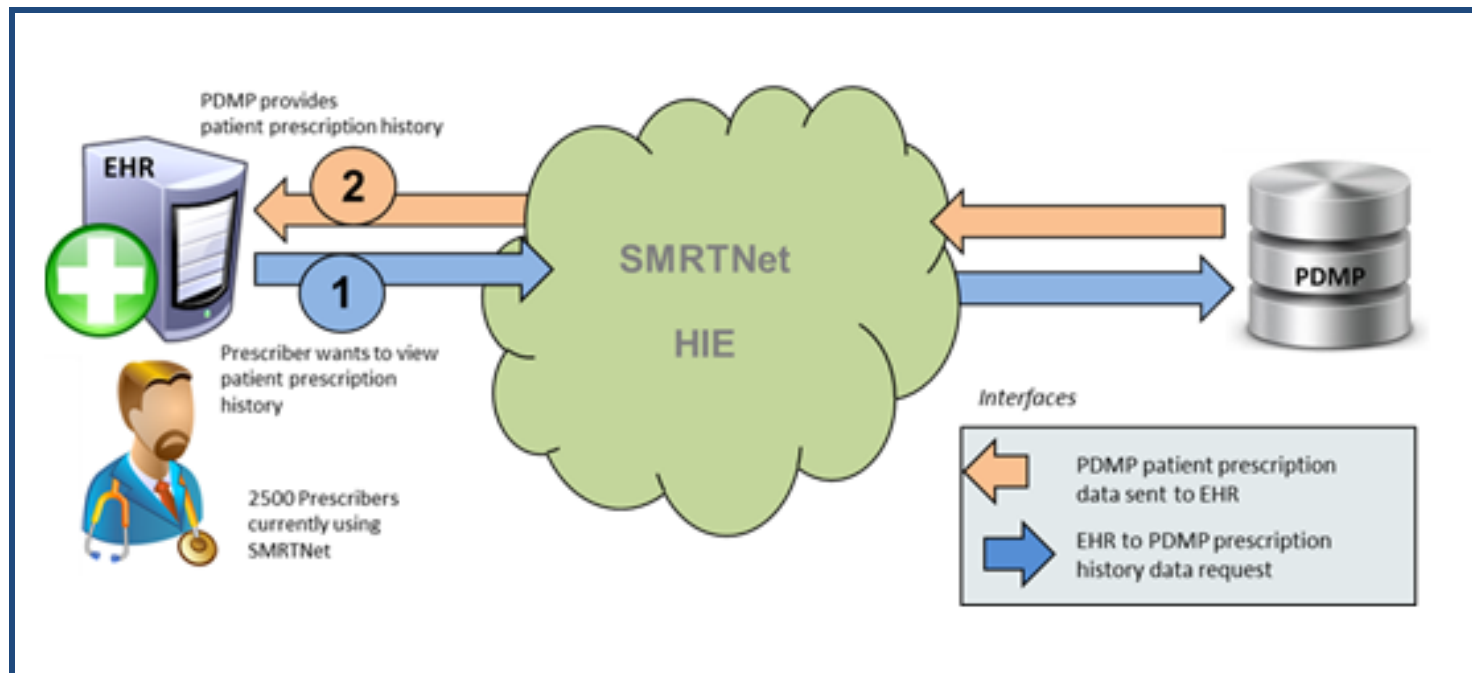


# Oklahoma

## ■ Speakers

- Dr. Brian Yeaman, MD, Norman Regional Hospital
- Alex Benson, CERNER

## ■ Implementation Model

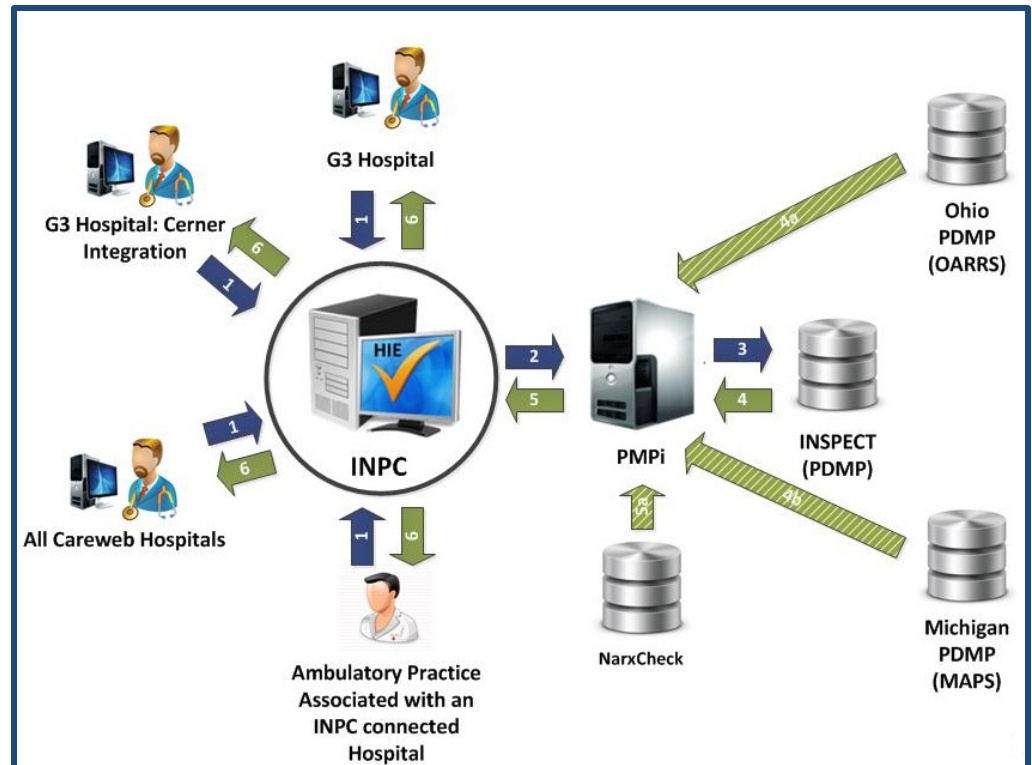


# Indiana/Regenstrief

## ■ Speakers:

- **John T. Finnell, MD, MSc**, Director, Health Informatics at Indiana University, Emergency Medicine Physician at Wishard Health Services
- **Marty Allain**, Indiana Prescription Drug Monitoring Program

## ■ Implementation Model





# Key Takeaways

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- **Integrating in provider workflow reduces barriers to PDMP access**
- **Type of integration can vary**
  - Value increases with degree of automation
  - But even basic integration (hyperlink to PDMP, return PDF) is valued
- **When available, the PDMP is valuable as a clinical decision support tool**

# Questions

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