



Protecting Children's Safety: How Prescription Drug Monitoring Programs Can Assist – An Update

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Moderator: Cindy Rodgers

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Polls

Protecting Children's Safety: How Prescription Drug Monitoring Programs Can Assist – **An Update**



Children's Safety Network
Webinar

March 24, 2014

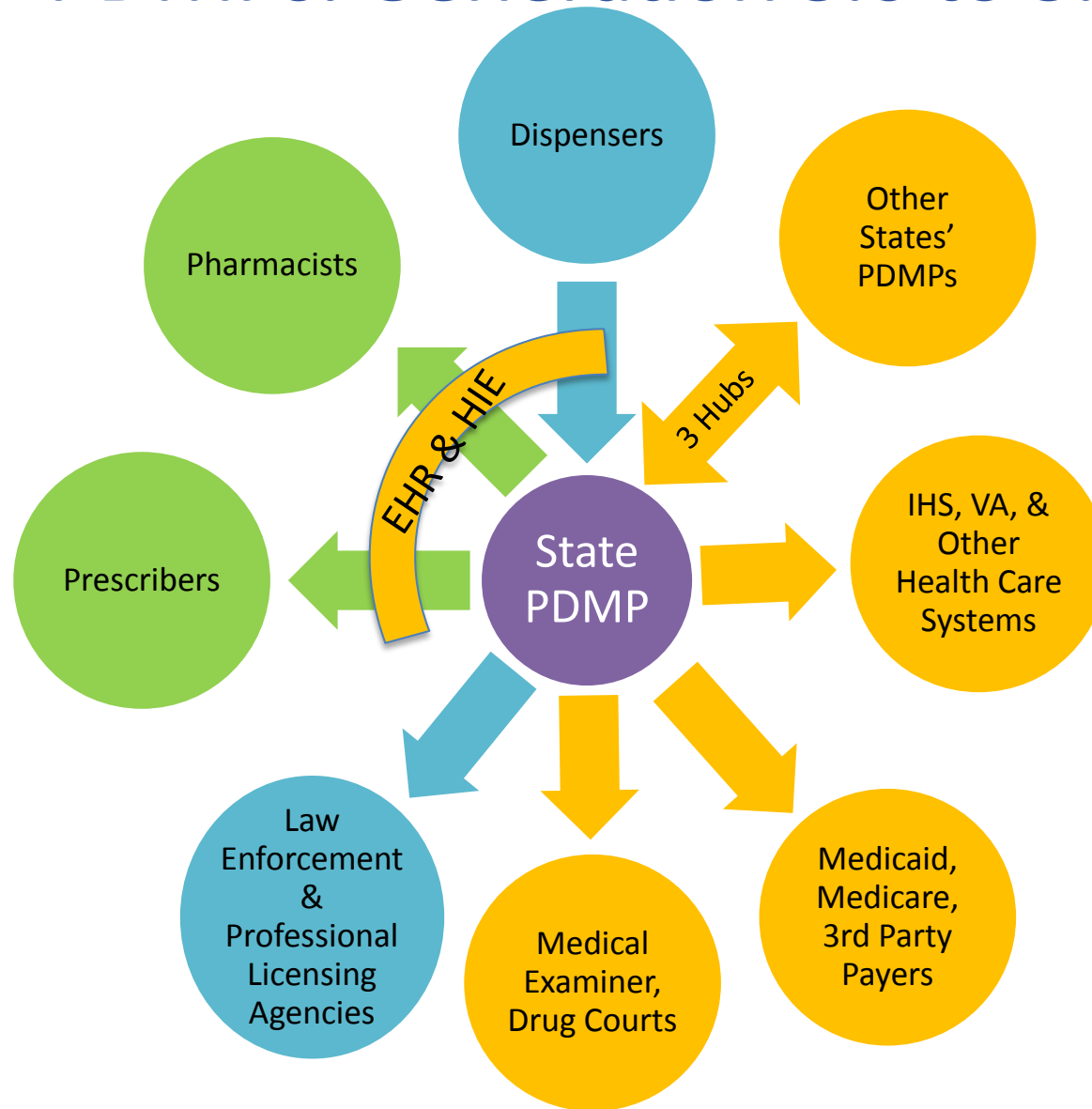
Presented by John L Eadie
Director, PDMP Center of Excellence



PDMPs Collect Data from Pharmacies

- PDMPs Collect Controlled Substances:
 - 22 collect Schedules II - V
 - 15 collect Schedules II – IV
 - 2 collect Schedule II only
 - 1 collect Schedules II & III
- Some Collect Non-Controlled Substances
 - 6 collect tramadol (Ultram®)
- Reporting Frequency varies – 1 day to 30 days

PDMPs: Generation 3.0 to 3.4



Began 2005 – BJA Initiative for Interstate Data Sharing & several states' expansion of users



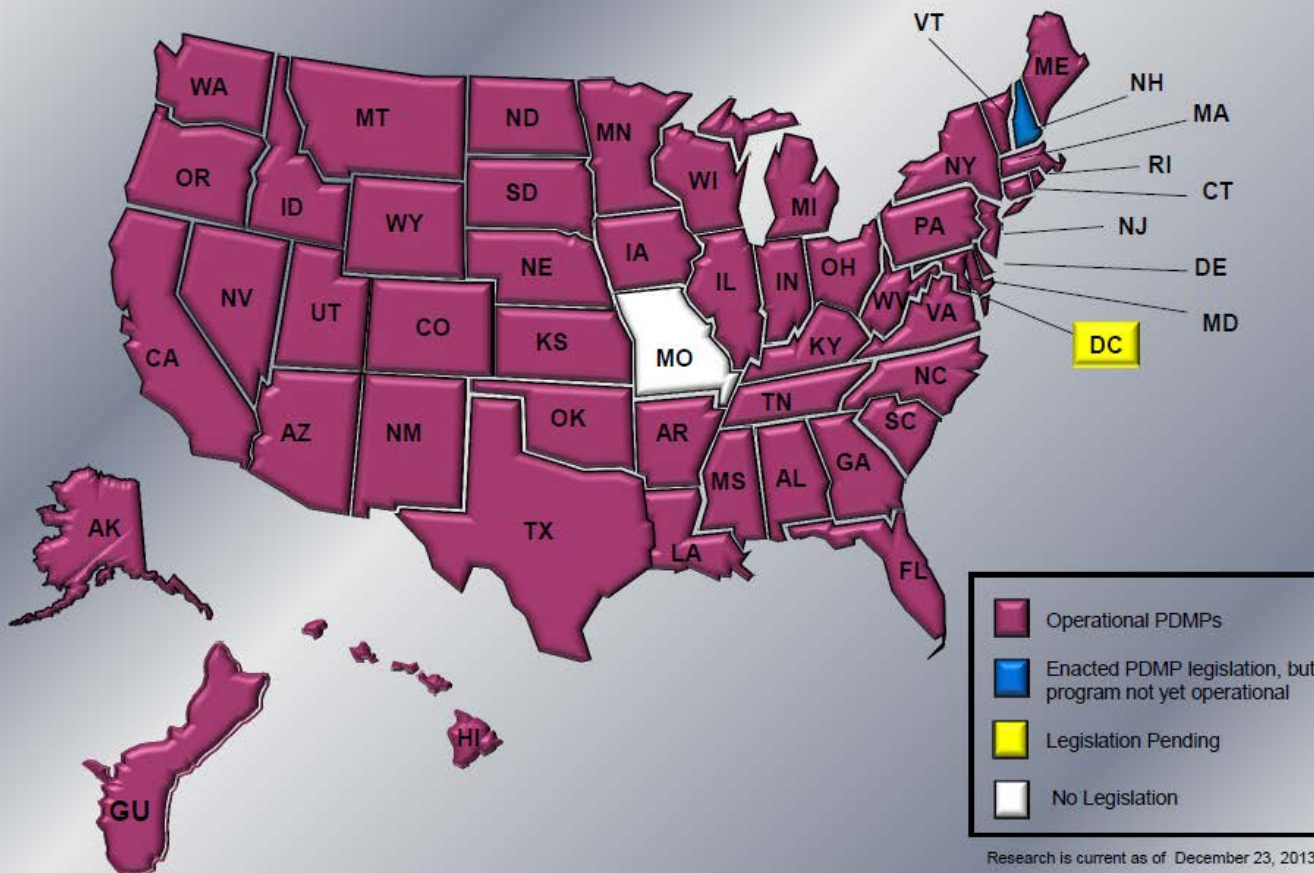
Prescription Information Collected

- Patient identification:
 - Name & Address
 - DOB & Gender
- Prescriber Information
- Dispensing Pharmacy Information
- Drug Information, e.g.
 - NDC # = name, type, strength, manufacturer
- Quantity & date dispensed



Status of Prescription Drug Monitoring Programs (PDMPs)

* To view PDMP Contact information, hover the mouse pointer over the state abbreviation



Source: PDMP Training & Technical Assistance Center, Brandeis University



How to contact your state's PDMP

How to find contact information for a state's PDMP?

- Go to www.pdmpassist.org - website of PDMP Training & Technical Assistance Center at Brandeis University
- Go to the left column of Homepage; under “State Contact Information and click on the link for “State Contacts”
 - That will bring up the name of the primary PDMP contact(s) in each state.
 - Click on a name and the individual's contact information will appear.

www.pdmpassist.org

PDMP TTAC
Prescription Drug Monitoring Program Training and Technical Assistance Center

Brandeis University The Heller School
FOR SOCIAL POLICY AND MANAGEMENT

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What's New

- ▶ Register online for the Harold Rogers PDMP National Meeting, September 25-27, 2013
- ▶ GAO Report - Internet Pharmacies
- ▶ SAMHSA 2013 Grant Request for Applications (RFA) Extended
- ▶ HealthIT.gov - Linking PDMPs to Health IT
- ▶ Drug Courts Fact Sheet Updated - NJ Publications Update
- ▶ PDMP Data Management Solutions
- ▶ NEW! Free CMEs on Safe Prescribing for Pain and Preventing Opioid Abuse
- ▶ Controlled Substance Agency Resource Directory

Contact Us

- ▶ Phone: 360-556-7152
- ▶ Fax: 888-705-8053
- ▶ Contact Form

Welcome

**IMPROVEMENT
PROCESS
PLANNING**

The Prescription Drug Monitoring Program Training and Technical Assistance Center (PDMP TTAC) at Brandeis University provides support, resources, and strategies to PDMPs, federal partners and many other stakeholders to further the efforts - and positive outcomes - of PDMPs.

Now that virtually all states have created PDMP legislation - and most have active programs - our focus is on making a good thing better: increasing PDMP efficiencies, measuring performance and effectiveness, and promoting best practices.

More about the TTAC.

How to find other information about a state's PDMP

- On the homepage of www.pdmpassist.org, click the top tab marked “Resources”
- On drop down menu, click “State Profiles”
- On the next webpage, click the state’s name.
- For each state, there is:
 - The state agency administering the PDMP
 - Information about the state
 - Drug schedules monitored
 - Who may request patient information
 - Legislation and regulations



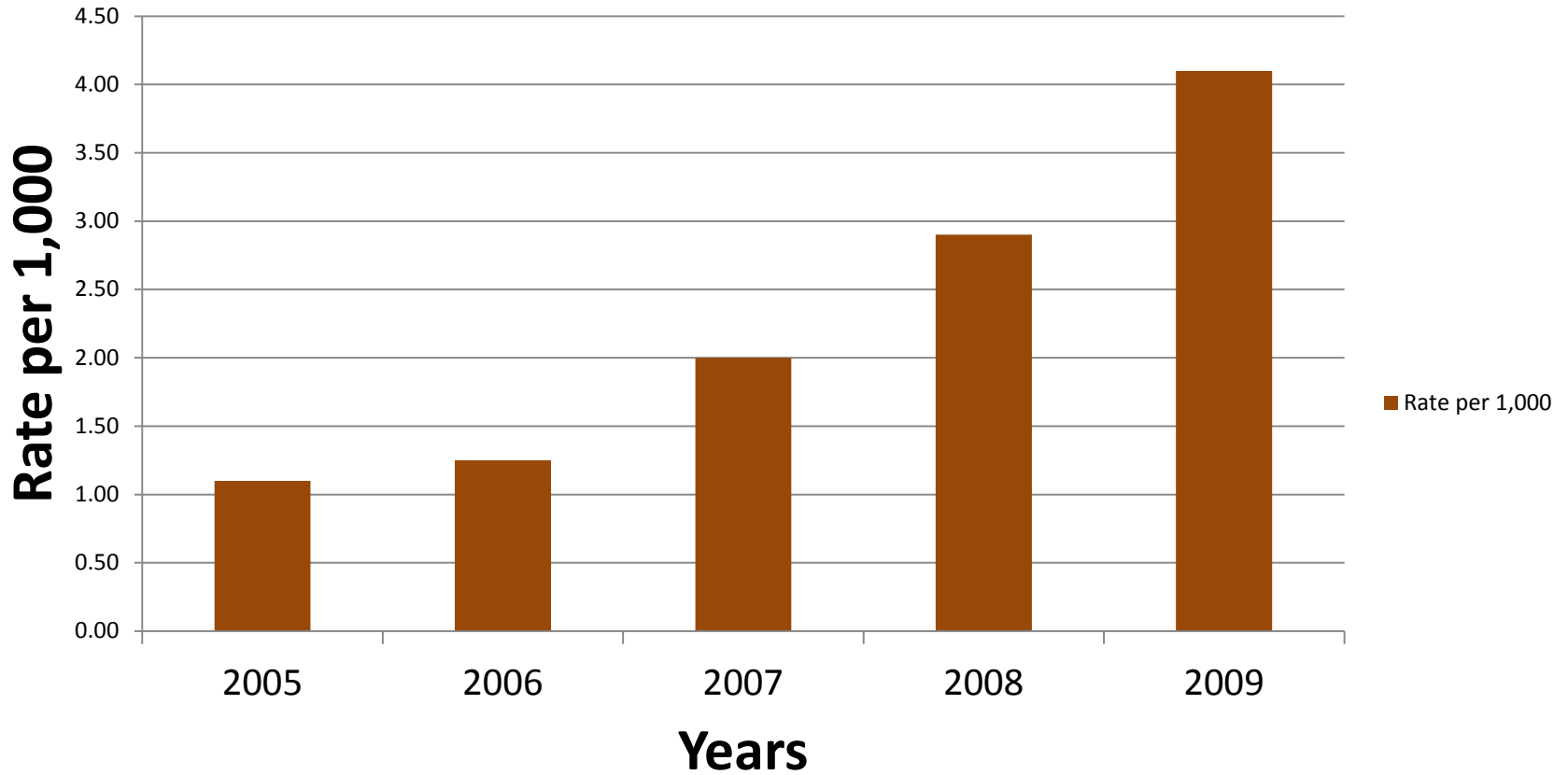
Prescription Drug Abuse Epidemic: **The Risk to Children**

- Newborns in Withdrawal – women of child bearing age giving birth to babies in withdrawal
- Drug Overdoses
- Use of prescription controlled substances among youth
- Doctor Shopping – large quantities of prescription drugs
- Volunteers to develop and test new initiatives



Newborns in Withdrawal

Florida Newborns in Withdrawal



Source: *Herald Tribune*, Sarasota Florida, July 18, 2010
Data Attributed to Florida Dept. of Health

ICD code 779.5 Drug withdrawal in newborn
(drug is not specified)



Washington State Newborns in Withdrawal

<u>YEAR</u>	<u>Rate of Newborns in Withdrawal per 1,000</u>
2000	1.4
2009	4.8

Source: Washington State Department of Health

ICD code 779.5 Drug withdrawal in newborn
(drug is not specified)

Maternal treatment with opioid analgesics and risk for birth defects

Study by Cheryl S. Broussard, PhD; et al

CONCLUSION: Consistent with some previous investigations, **our study** shows an association between early pregnancy maternal opioid analgesic treatment and certain birth defects. This information should be considered by women and their physicians who are making treatment decisions during pregnancy.



Major JAMA article

- **Neonatal Abstinence Syndrome and Associated Health Care Expenditures: United States, 2000-2009**
- jama.2012.3951
- Stephen W. Patrick, MD, MPH, MS
- <http://jama.jamanetwork.com/article.aspx?articleid=1151530>

PDMP Data – Assist care of newborns in withdrawal

- To treat newborns who are in withdrawal, shouldn't neo-natal pediatricians be able to find out what prescription controlled substances the mother may have been on during pregnancy?
- Shouldn't state regulations or laws be amended to permit neo-natal pediatricians to find this out from PDMPs?
- What can the Child Safety Network do to address this issue?

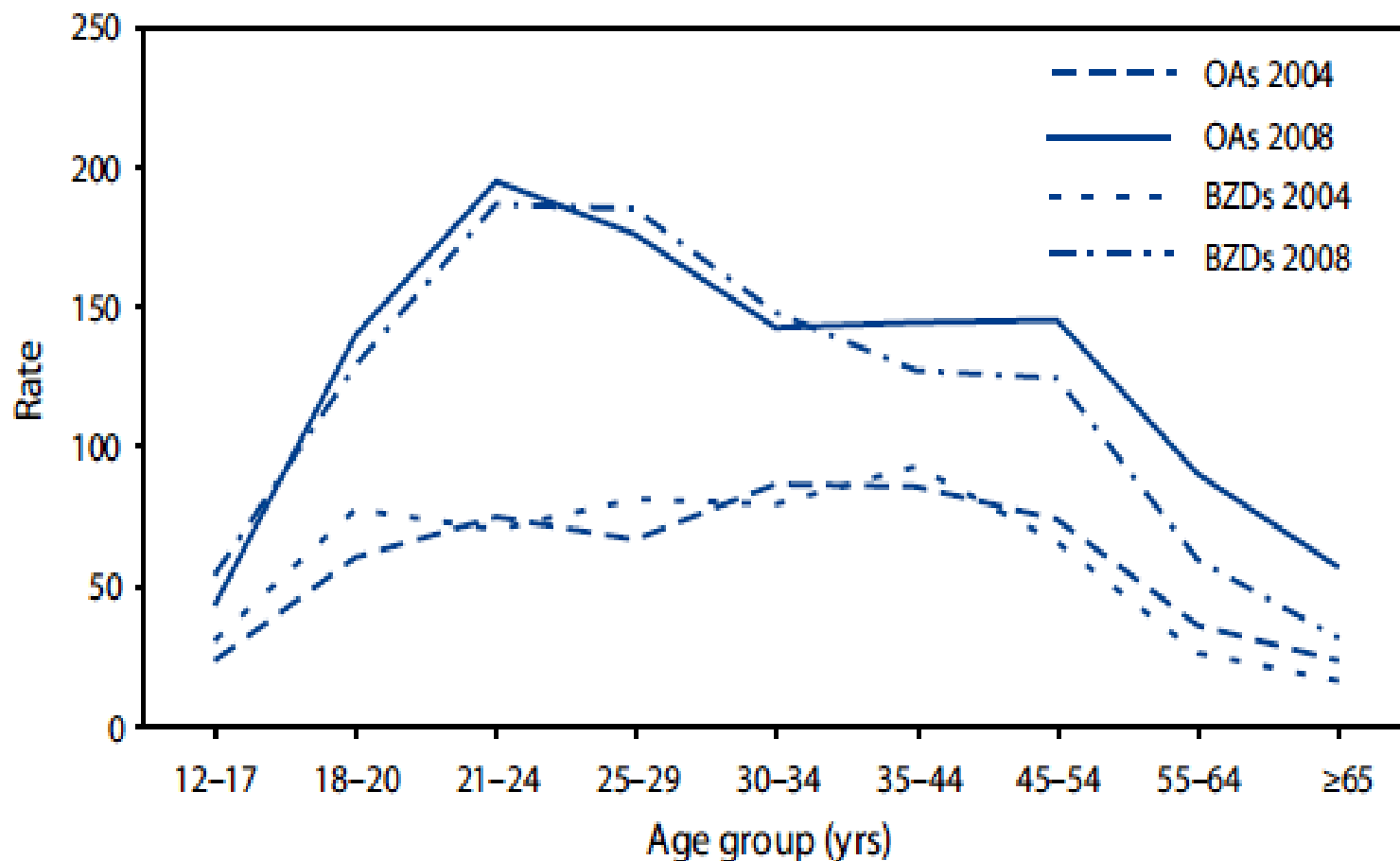
Using PDMPs to reduce risk to Newborns

- To what extent do these issues reflect use and abuse of prescription drugs by youth of child bearing age?
- Shouldn't Ob/Gyn physicians routinely request PDMP prescription histories during prenatal care to determine:
 - Patients in pain treatment with opioids who don't advise their Ob/Gyn?
 - Patients who are doctor shopping and refuse to disclose this?
- Shouldn't the medical profession make this a standard of practice?
- What can the Children's Safety Network do to address this issue?



Prescription Drug Overdoses among Youth

Age-specific rates of ED visits for nonmedical use of opioid analgesics (OAs) and benzodiazepines (BZDs) — United States, 2004 and 2008 — MMWR June 18,



Drug Overdose among Youth – PDMP's Roles

- Shouldn't Emergency Departments routinely request PDMP data when treating overdose victims to determine what drugs were obtained prior to overdose?
- Shouldn't prescribers and pharmacies be notified when persons to whom they prescribed overdose on the prescribed drugs?
- What can the Children's Safety Network do to address this issue?



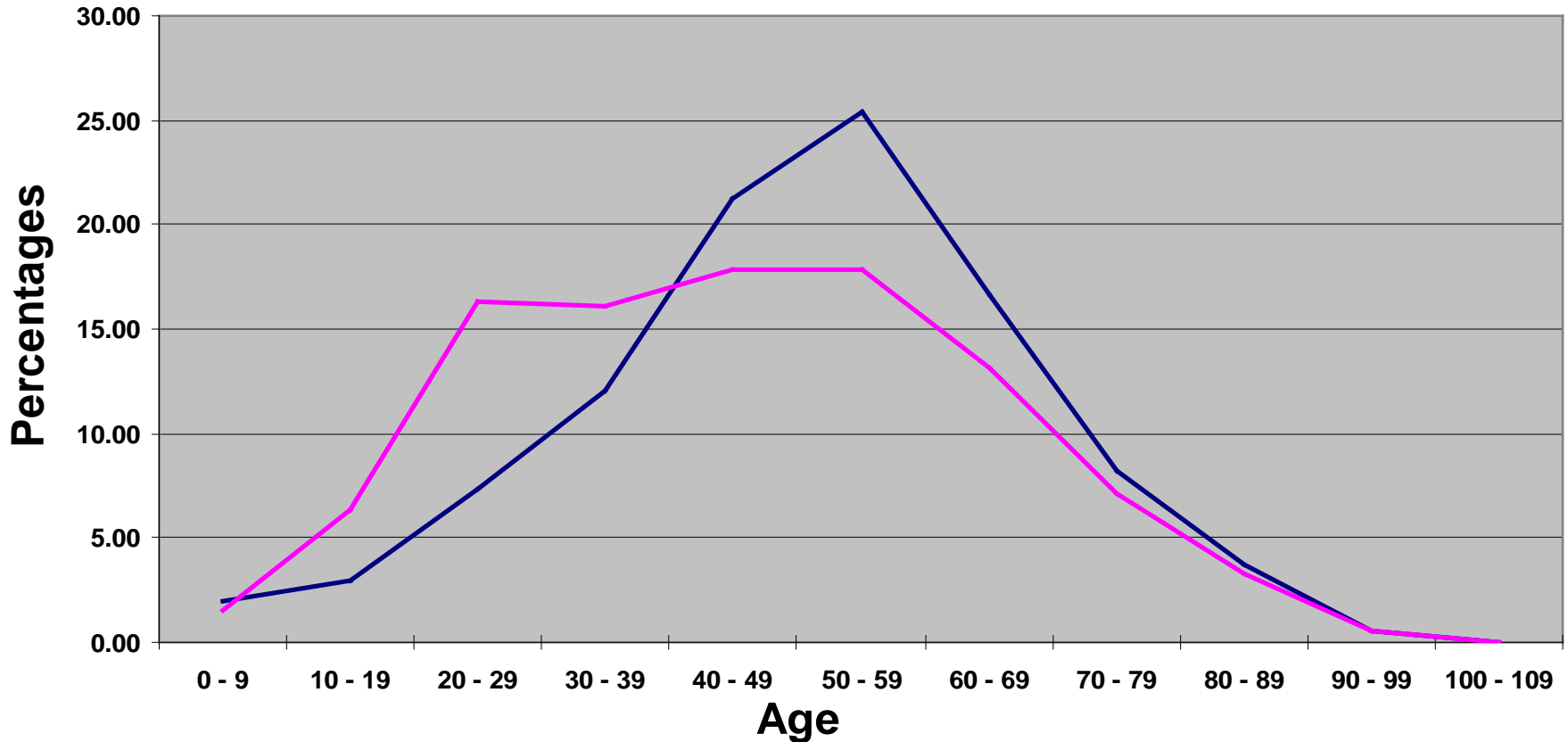
What Can PDMPs Tell Us About Use of Controlled Substances by Youth?

Preliminary examination of data to demonstrate
the types of analyses that are possible.



Opiate Utilization in Charleston County, SC (1/1/10 -- 12/31/10)

Qnty Dispensed (in %) # of Recipients (in %)

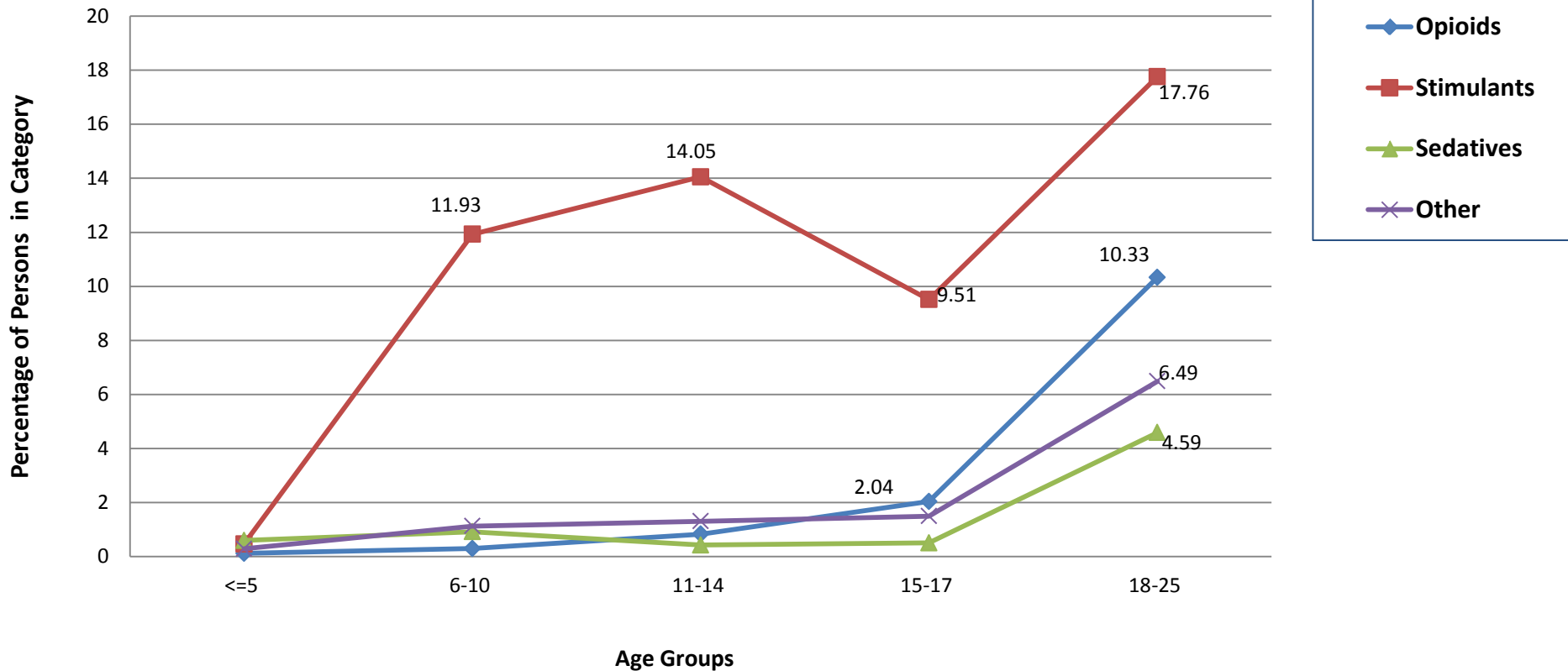




Charleston County, SC

- Opioid prescriptions only - in Schedules II and III
- Users by age group
 - Almost as many persons aged 20 - 29 receiving opioid prescriptions as those aged 50 – 59.
 - Spartanburg County has a similar pattern
- Future Analyses
 - Is this an emerging pattern?
 - How prevalent is this in the rest of the country?
 - What are the implications for abuse and misuse; i.e. is the use of opioids by youth for legitimate medical care?

Maine Prescription Monitoring Program FY2010 Data
Drug Categories of Dispensed Schedules II-IV Drugs by Age Group
 N=434,317



Use of Controlled Substances by Youth in Maine

Preliminary observations:

- After high school, youth appear to have obtained more opioid prescriptions compared to younger ages.
- Is this related to employment and the ability to pay for the prescriptions through commercial insurance?

Related questions:

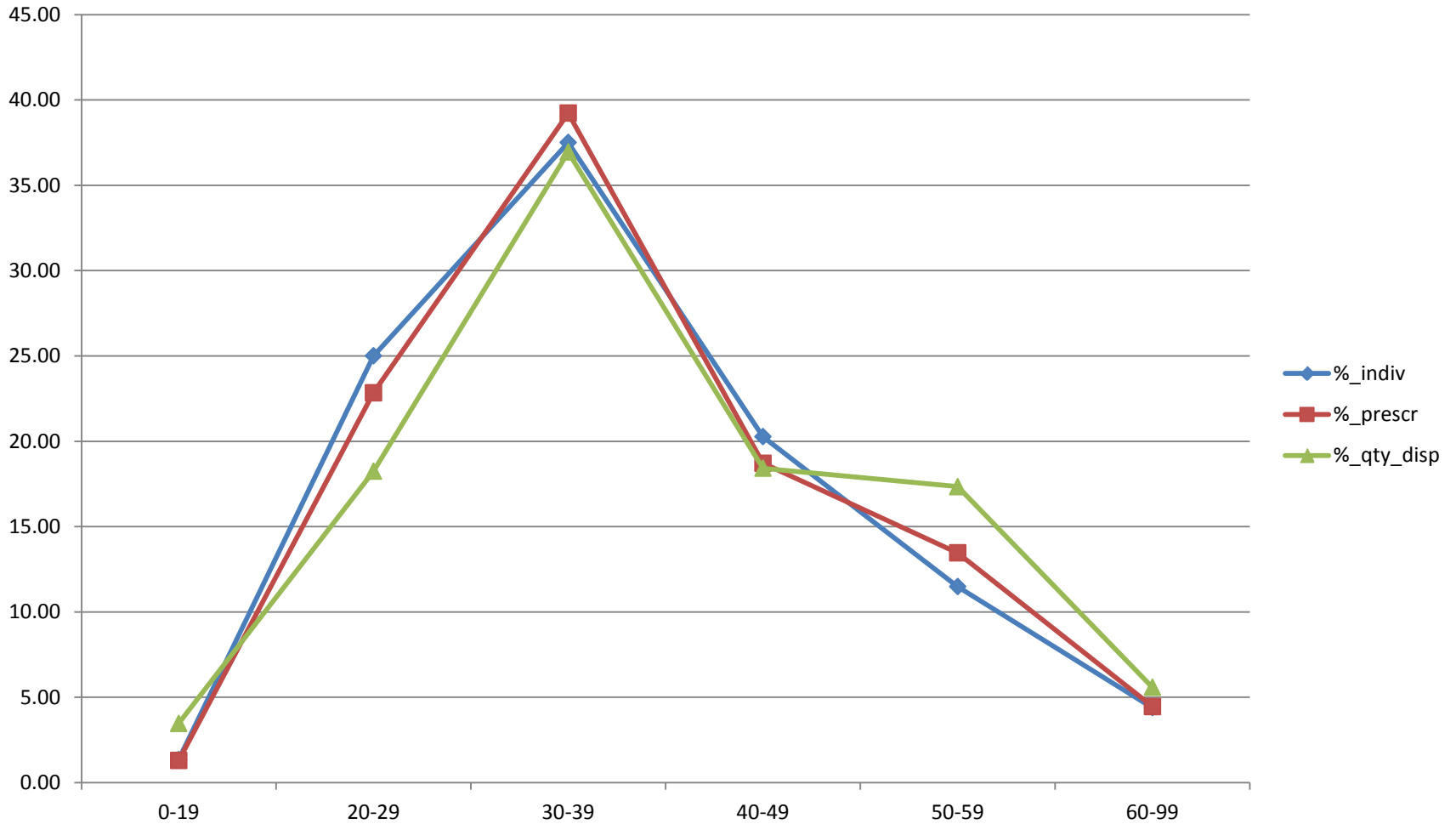
- Is this related to increases in injuries, disease, other sources of pain?
- Is this related to leaving parental supervision?



What Can PDMPs Tell Us About Abuse of Controlled Substances by Youth?

Preliminary examination of data to demonstrate
the types of analyses that are possible.

Individuals Identified as Doctor Shoppers in WY PDMP Database, Associated Prescriptions and Non-liquid Doses, by Age Grouping



Wyoming Doctor Shoppers

Observations:

- The WY doctor shoppers are younger than general population who obtain prescriptions
 - more than 60% of the doctor shoppers are age 39 and under
 - This is unlike general use in Charleston, SC – highest group 50 to 59
- Those 25 and under are 12.2% of the total WY doctor shoppers.
 - At about 8 Rx and 300 dosage units per month for each of these young doctor shoppers, what quantities of prescription drugs are they diverting into abuse
- Is youthful doctor shopping increasing, at least in some areas of the country, compared to previous understandings?



Additional Areas for Analysis

Other Lines of Inquiry for PDMP Data

- Is youthful doctor shopping limited to a few states or is it more widespread?
- Is it increasing?
- Which drugs are involved in youthful doctor shopping; are they the same as for adults?
- To what extent are youth obtaining drug “Cocktails” from prescribers, i.e.:
 - Opioids (e.g. Schedule II Oxycodone or Schedule III Hydrocodone)
 - Benzodiazepines (e.g. Schedule IV Alprazolam)
 - Muscle Relaxant (Unscheduled Carisoprodol/Soma – 13 PDMPs collect)

How Can State and Local Agencies Work with PDMPs?

- Contact your state's PDMP and request data.
 - PDMP Center of Excellence can assist.
- Distribute and use analyzed PDMP data:
 - Advise communities where prevention is needed.
 - Help target interventions
 - Focus limited resources on areas at highest risk
- Persuade prescribers and pharmacists to use PDMP data to avoid mis-prescribing to children/youth.

Volunteers?

- Members of CSN – do you want to pilot new initiatives?
- For example:
 - Projects with your state's PDMP to examine data regarding children and youth and document findings
 - Distribute analyzed data to medical care community to warn them of dangers faced by youth in your community/state.
 - Work with Obstetricians and Gynecologists to use PDMP data during prenatal care and document findings.
 - Expand state laws/rules so neonatal pediatricians can observe prescriptions issued to mothers during pregnancy and document findings



If interested in volunteering:

- Please contact Cindy Rodgers, crodgers@edc.org

PDMP



CENTER OF EXCELLENCE

Brandeis University

The Heller School
FOR SOCIAL POLICY AND MANAGEMENT

The Prescription Monitoring Program Center of Excellence at Brandeis University



PDMP Center of Excellence Components

- Web site/clearinghouse
 - Problem Statement – user friendly
- Evaluate PDMP effectiveness, including:
 - Analysis of BJA performance measures
 - Case studies of start-up PDMPs and innovative enhancements
- Identify best practices
- Develop innovative uses of PDMP data
 - Support Substance Abuse Prevention
 - Assist Substance Abuse Treatment
 - Assist medical and pharmaceutical education and research
- Expert panel to guide Center work

www.pdmpexcellence.org

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RECENT DEVELOPMENTS

- > CDC and FDA warn of risks of Opana ER Injection. Find out more on our [Rx Alert](#) page.
- > NIDA launches new [CME E-Tools](#) for Provider Education on prescribing opioid pain relievers
- > American Journal of Managed Care: [Impact of a Managed Controlled-Opioid Prescription Monitoring Program on Care Coordination](#)
- > Canadian prescription monitoring reduces inappropriate prescriptions and refill: [Article 1](#); [Article 2](#)
- > Green et al: [PMP use associated with greater awareness of prescription drug abuse and clinical action](#)
- > Rigg et al: [How drug dealers divert controlled substances](#)

SEARCH CLEARINGHOUSE TOPICS

[addiction](#) [balancing patient care and drug control](#) [chilling effect](#) [demographic characteristics](#) [diversion](#) [doctor shopping](#) [effectiveness of prescription control](#) [epidemiology](#) [evaluations](#) [Florida government reports](#) [interstate data sharing](#) [journal articles](#) [law enforcement](#) [laws and](#)

Brandeis COE Convenes Third Party Payers Meeting

COE staff were among the 77 attendees of the [PDMPs and Third Party Payers Meeting](#) held in Washington, DC this past December. Also present were PDMP administrators, federal government agency managers, researchers, and representatives from public and private third party payers. Participants gave presentations on current data sharing initiatives between PDMPs and insurers.

> [View the presentations](#)


View Edit Track

COE White Paper on PDMP Best Practices Released

With introductory remarks by Congressman and PDMP champion Harold (Hal) Rogers, the release of a comprehensive [Center of Excellence \(COE\) white paper on prescription monitoring best practices](#) was announced at a press conference on Capitol Hill on September 20. The report, commissioned by the Pew Charitable Trusts, examines the current evidence for PDMP best practices and proposes research on how PDMPs can continue to increase their effectiveness.

> [Read more](#)

Pew Press Briefing Videos Now Available



White Paper on PDMP Best Practices

Prescription Drug Monitoring Programs: An Assessment of the Evidence for Best Practices

September 20, 2012

- at www.pdmpexcellence.org
- Developed with BJA and Pew Charitable Trusts
- 35 Best and Promising Practices



Prescription Monitoring Program Center of Excellence

Briefing on PDMP Effectiveness

2.1 Prescription Monitoring Programs: An Effective Tool
in Curbing the Prescription Drug Abuse Epidemic
February 2011



Prescription Monitoring Program Center of Excellence

Notes From the Field

Prescription Monitoring Program Center of Excellence

PDMP Management Tools

Prescription Monitoring Program Center of Excellence

PDMP Study Analysis

PDMP COE Contact Information

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Thank you!

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your webinar experience:

https://www.surveymonkey.com/s/prescriptiondrug_032514