

Medication/Drug Overdoses

North Carolina

LHD Legal Conference

April 23, 2014



North Carolina
Injury & Violence
PREVENTION Branch

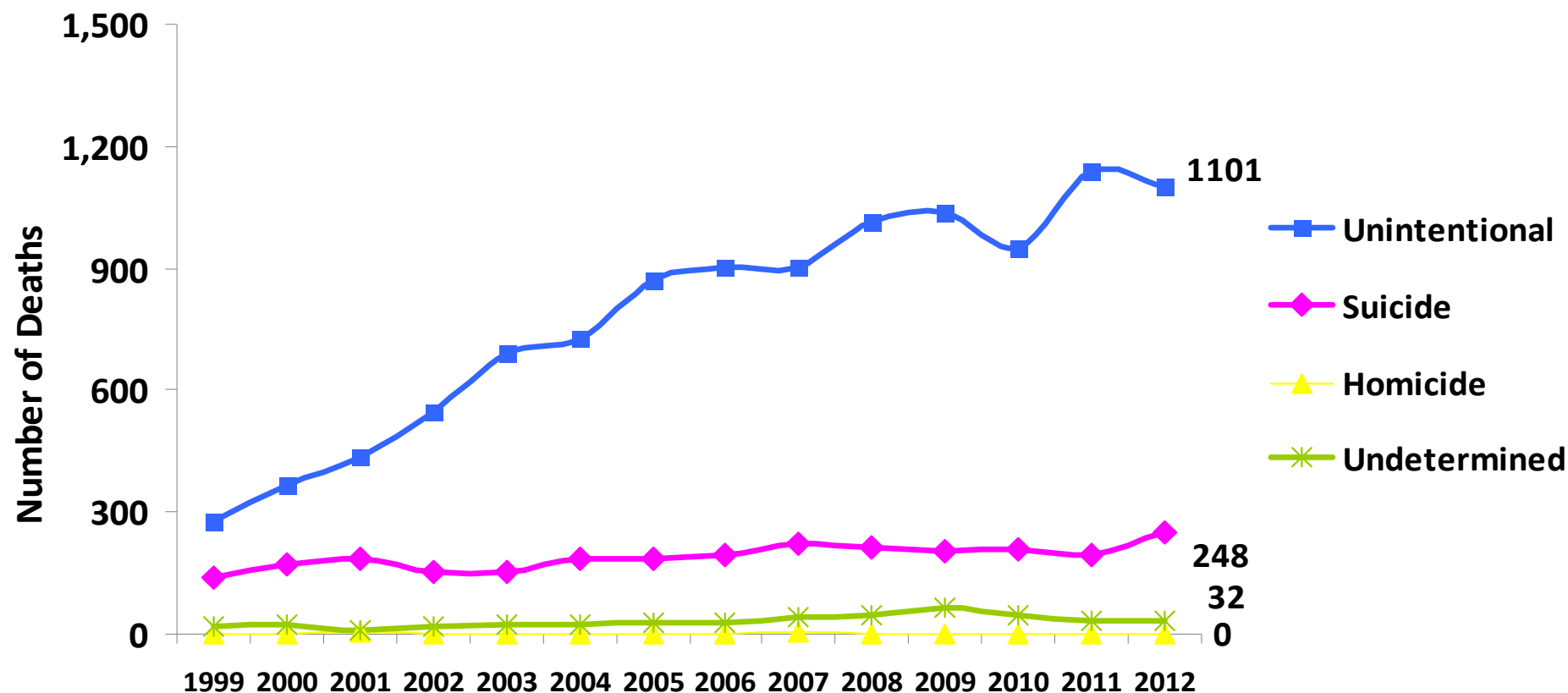
Agenda

- Brief North Carolina Background/History
 - Overdose problem
 - Creation of NC's Prescription Monitoring Program: the Controlled Substances Reporting System (CSRS)
 - Role of naloxone

North Carolina Deaths

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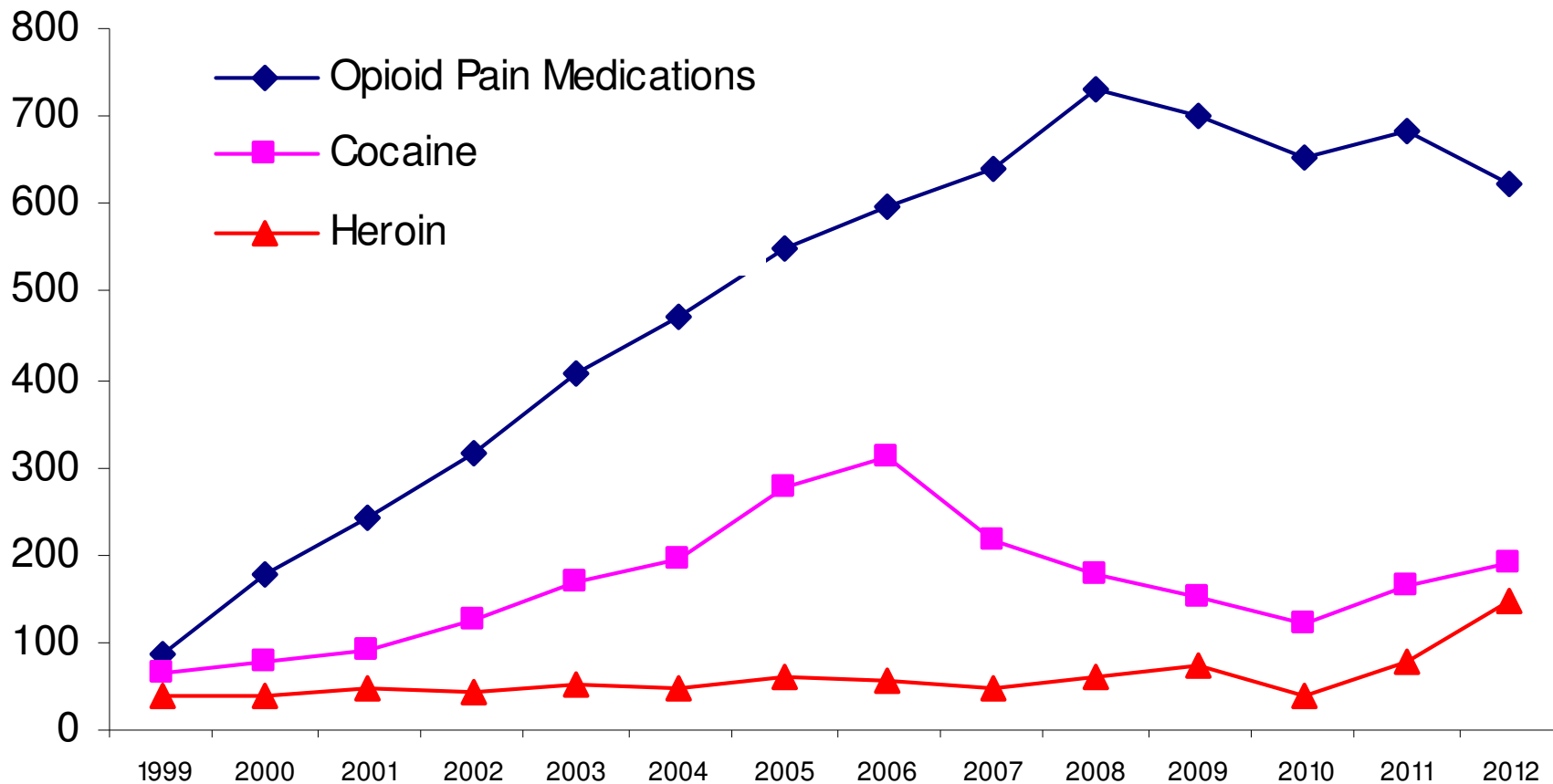
Poisoning Deaths: N.C., 1999-2012



- In 1999, the number of unintentional poisoning deaths was 279; in 2012, the number of deaths was 1,101, an increase of over 300%.

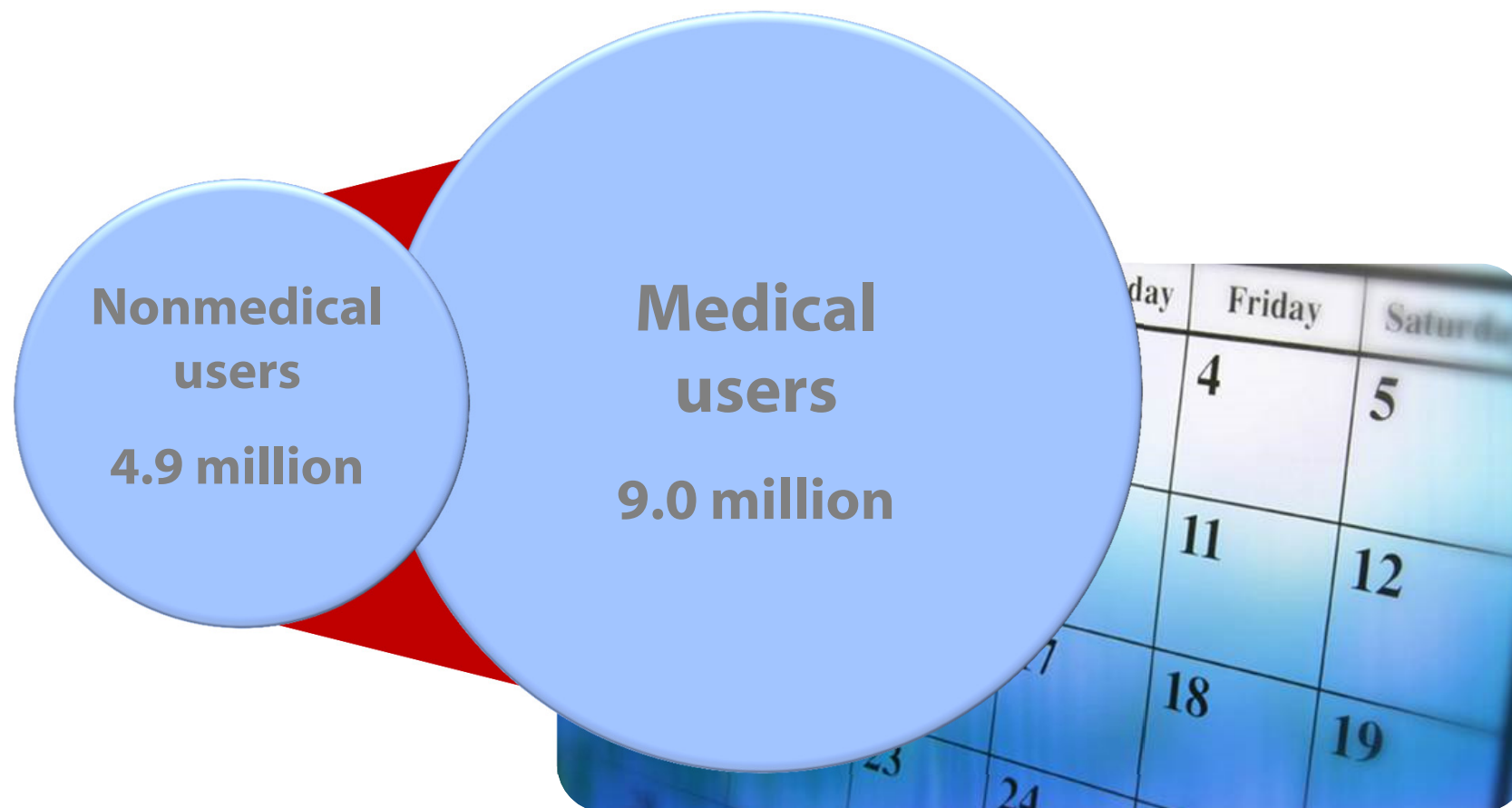
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Unintentional Poisoning Deaths by Drug Type and Year: N.C. Residents, 1999-2012



Note: categories are not mutually exclusive

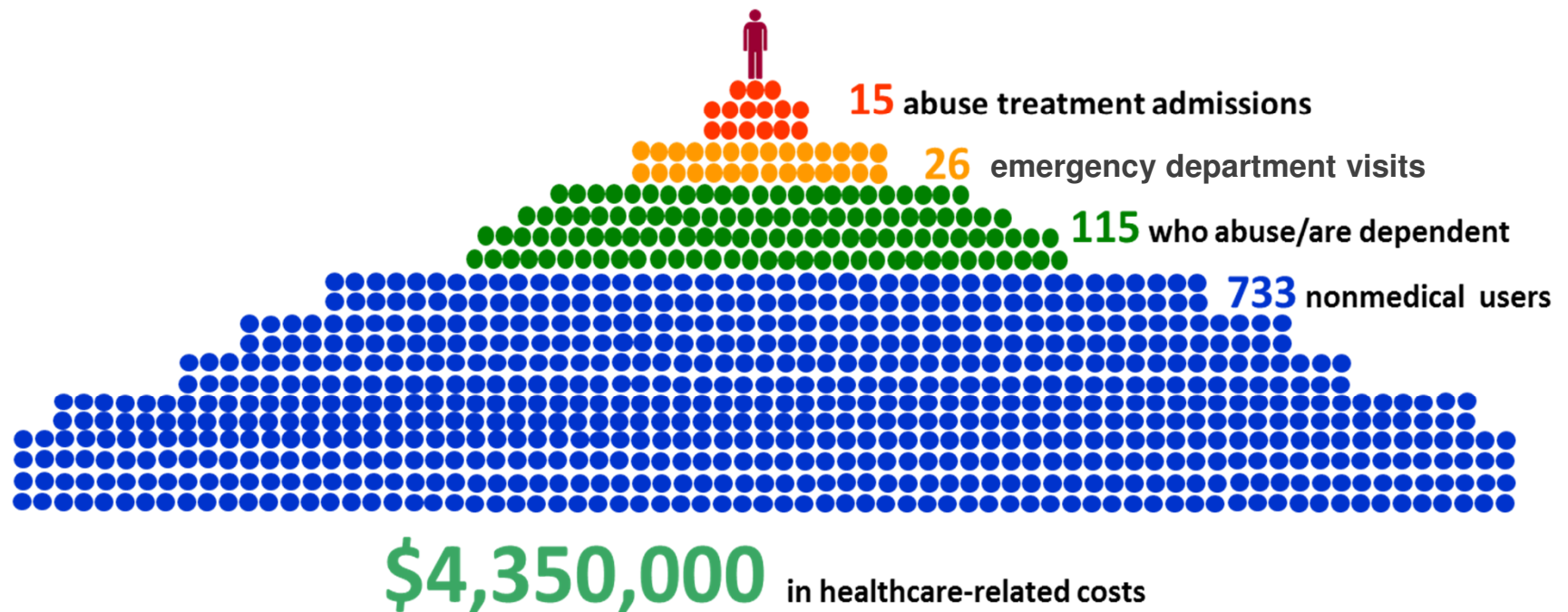
Opioid analgesics users in the past month



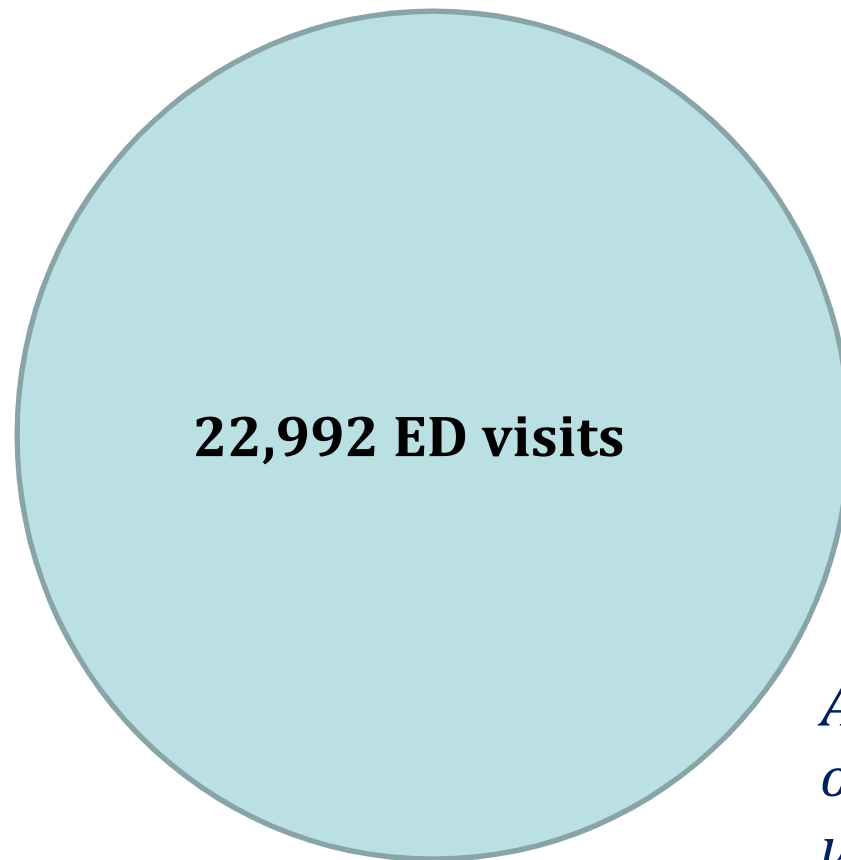
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Overdose deaths are the tip of the iceberg

For every **1** opioid overdose death in 2010 there were...



Deaths vs. ED visits for drug overdose, NC 2011



The number of ED visits for overdose dwarfs the number of overdose deaths

Average NC county has about one overdose death per month but just under one overdose ED visit per day

N.C. Division of Public Health

- 2000: Routine surveillance**
- 2002: CDC Epi-Aid on Poisoning**
- 2003: Task Force DPH and DOJ**
- 2004: Task Force Recommendations**
- 2005-2007: PMP (NC CSRS)**
- 2008: Enhanced surveillance**
- 2009: Partner with UNC IPRC**

Legislative Update

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S.B. 222 Revise Controlled Substances Reporting

Signed into law *June 19, 2013*

- 48 Hour reporting by all physicians dispensing controlled substances
- Up to 3 days to report dispensing in CSRS
- Method of Payment recorded in CSRS
- Unsolicited Alerts to practitioners of questionable patient activity
- Reporting to the appropriate NC licensing board questionable practitioner prescription practices.
- Delegate Accounts
- Increased fines for disclosing CSRS data.
- Law enforcement access to CSRS data.



Primary Bill Sponsors

Sen. Austin M. Allran (Rep)
Alexander, Catawba Counties



Rep. Craig Horn (Rep)
Union County

S 20 Good Samaritan/Naloxone Access

Signed into law *April 9, 2013*

- Limited Immunity from prosecution when acting in good faith to seek medical assistance for a drug-related overdose.
 - Covers victim and reporter of overdose
- Limited Immunity from prosecution for prescribing and administering the “opioid antagonist” Naloxone.
- Limited Immunity from prosecution for underage alcohol overdose
 - Covers victim and reporter of overdose



Primary Bill Sponsors

Sen. Stan Bingham (Rep)
Davidson, Montgomery



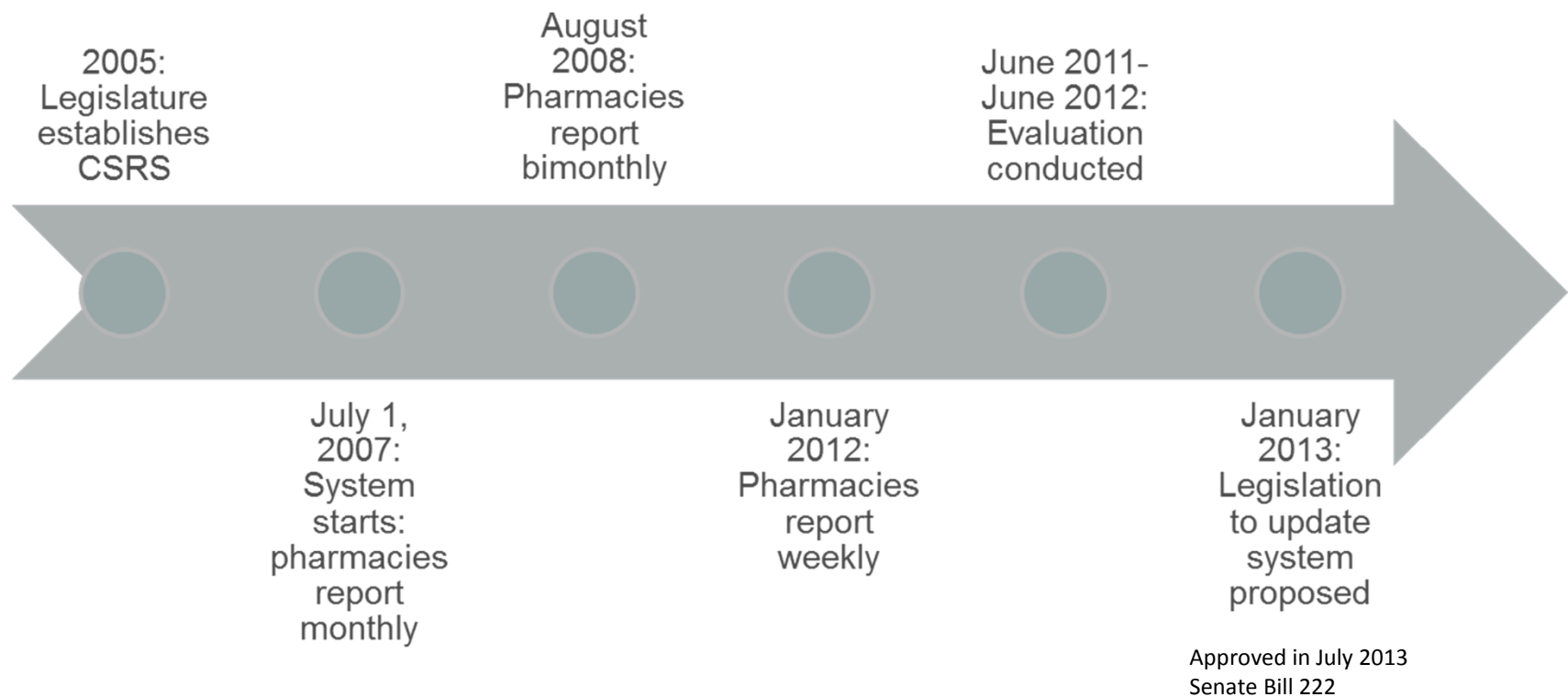
Sen. Austin M. Allran (Rep)¹²
Alexander, Catawba

N.C. Controlled Substance Reporting System (CSRS)

North Carolina's Prescription Drug Monitoring Program (PDMP), housed at the Division of Mental Health, Developmental Disabilities and Substance Abuse Services

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NC CSRS Timeline



Controlled Substances Reporting System (CSRS)

In 2013, **Senate Bill 222**:

- Allows delegate accounts with approval by DHHS
- Requires 72-hour reporting by pharmacies (but encourages 24)
- Physician-dispensed medications now reported
- Veterinarians and < 48 hour supplies exempt
- Allow alerts (unsolicited reports) to physicians and pharmacists
- Gathers payment source (including cash)
- Allows SBI Diversion/Environmental Crimes Unit to share with other SBI
- Allows reports to law enforcement with court order
- Allows alerts to N.C. Medical Board

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CSRS Data Overview

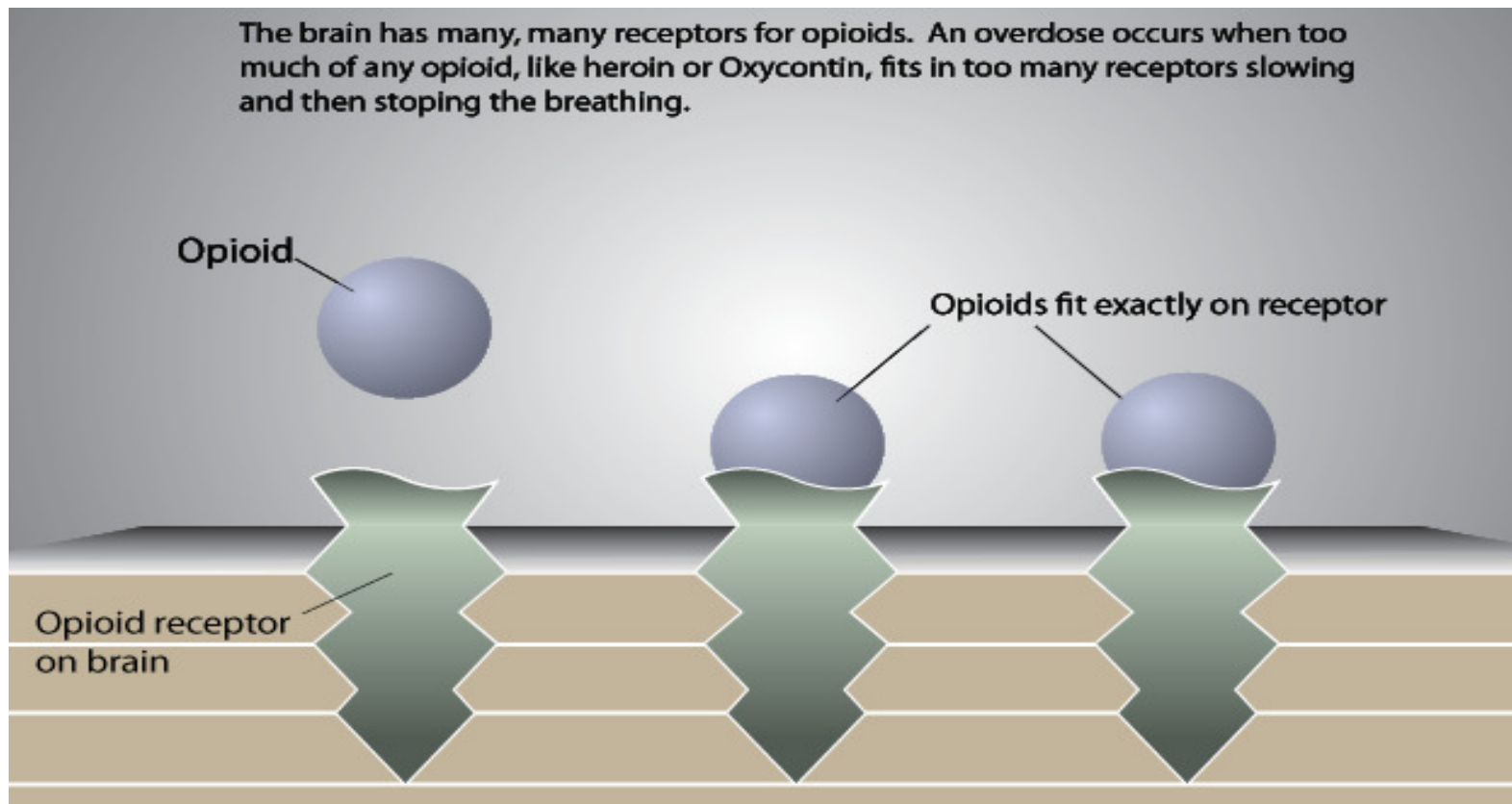
- Nearly 115,000,000 prescriptions in the database (started July 1, 2007)
- Approximately 19 million per year
- Over 5,700,000 queries have been made of the system
- Over 18,700 dispensers and practitioners are currently registered to use the system
- Average of over 5,500 queries per day

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What is Naloxone?

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overdose?



5/2/2014

NC Harm Reduction Coalition-cps

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The antidote to fatal respiratory depression: Naloxone HCL (Narcan®)

- Mu-opioid receptor antagonist
- Prescription; not a controlled substance
- Can't get high from it (no potential for abuse)
- Decades of experience
- Uses: anesthesia & emergency
- Quick acting, works 30-90 minutes.
- Generic (inexpensive)
- Delivered via injection (IM, SC, IV) or nasal



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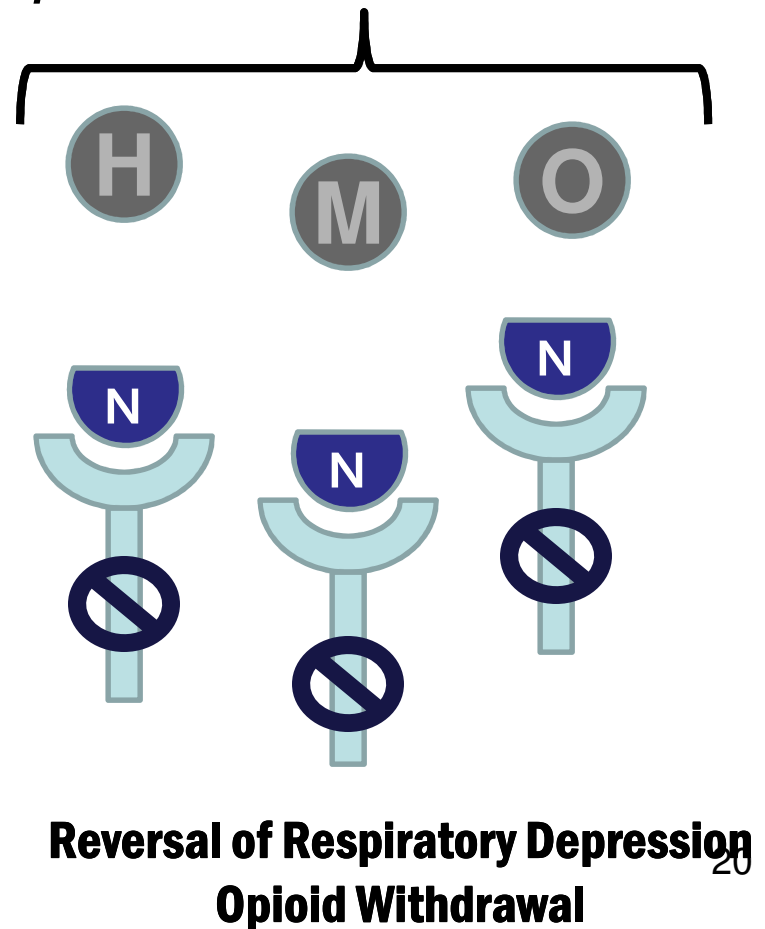
Naloxone (N) in the Brain

Adapted from N. Dasgupta, 2008

*opioid receptors activated
by heroin and prescription opioids*



opioids broken down and excreted

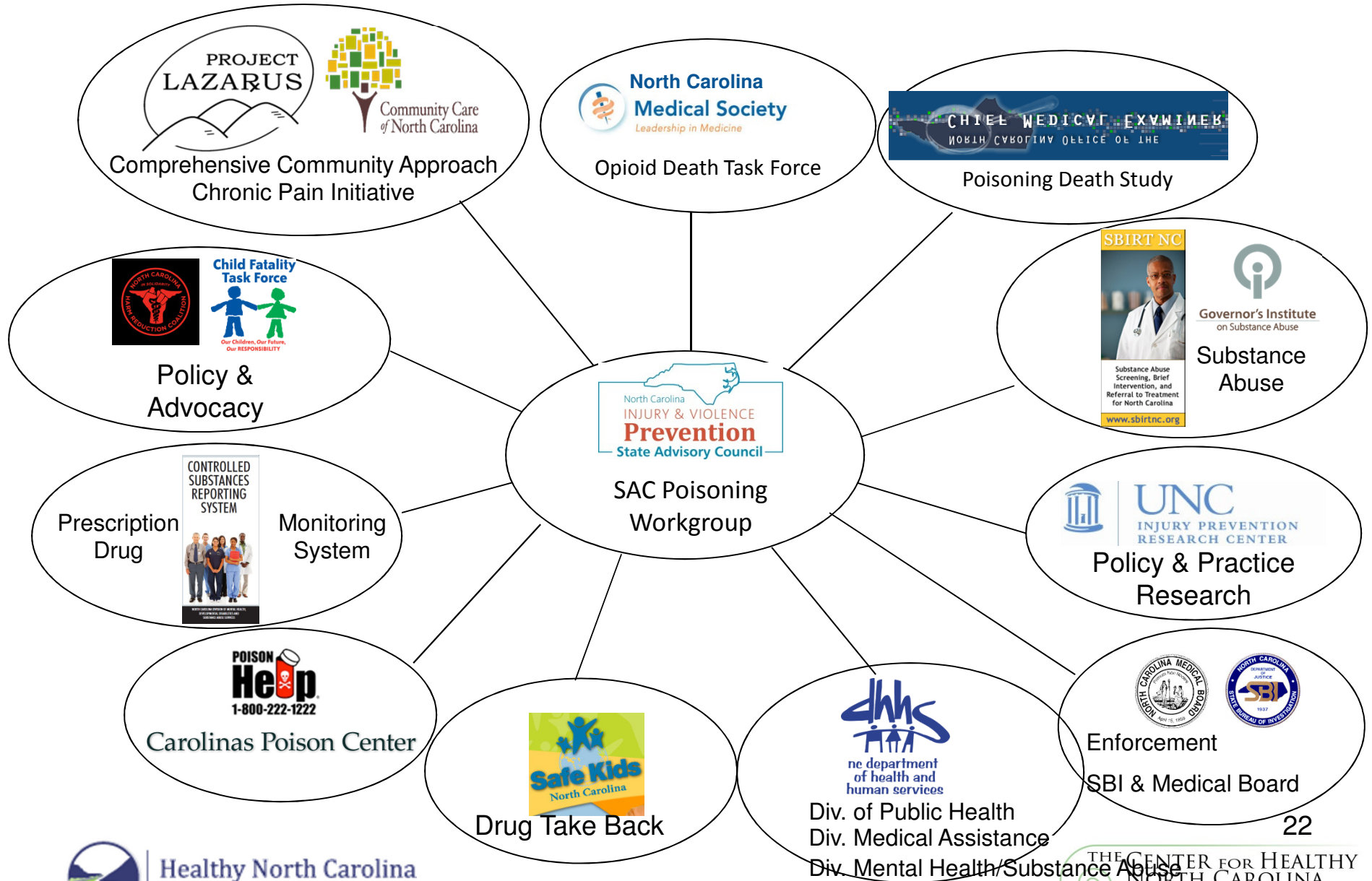


Coordinating with Many Partners

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North Carolina Injury and Violence Prevention Branch

Epidemiology, Policy, Partners, Community



NC State Advisory Council (SAC) on Poisoning/Overdose

- Public Health Policy Recommendations
 - CFTF: CSRS and Good Sam/Naloxone
- Partnership summaries
 - Updated website
- Fact Sheet
- Communications, Research and Policy
- Ad hoc groups around specific issues

Key Functions

- Epidemiology/Data collection (DPH, CSRS, OCME)
- Direct/Clinical Service (CPC, CSRS, Medical Society, DMA)
- Research (IPRC, DPH)
- Policy (CFTF, PL/CCNC)
- Education and Community Programming (GI, PL/CCNC, Safe Kids)
- Enforcement (SBI, Medical Board)

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¿Preguntas?

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