

Sources of Diverted Prescription Opioids

7th Meeting

THCI Program on Opioid Risk Management

Nathaniel Katz, MD, MS

Colonnade Hotel

Boston, MA

March 27-28, 2008

Purpose of Meeting

- To reframe diversion as a scientific issue in order to address it more effectively

THCI Program on Opioid Risk Management

- Foundations of Opioid Risk Management, Mar 2005
- Challenges in the Development of Abuse-Deterrent Formulations, Oct 2005
- Best Practices in Opioid Risk Mgt, Sept 2006
- FDA Guidance on Development of ADFs, Nov 2006
- Responding to Signals of Prescription Opioid Abuse, Mar 2007
- Understanding Subtypes of Prescription Opioid Abuse, Sept 2007
- A Case-Control Study of Risk Factors for Developing Prescription Opioid Addiction

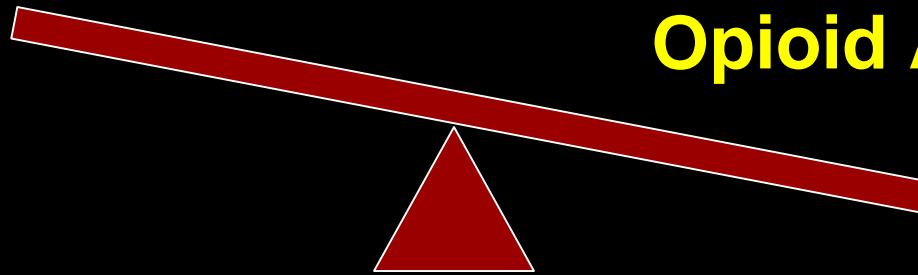
Thanks!!!

- THCI: Rosemarie Curran, Gabriela Gomez-Coates
- Advisors: George Kenna, Cynthia McCormick, Deborah Leiderman
- Planning Committee
- Greg Hughes, Mass DPH
- Our Patients
- Our Funders
- You, our participants and supporters

A Balancing Act

Pain

**Prescription
Opioid Abuse**

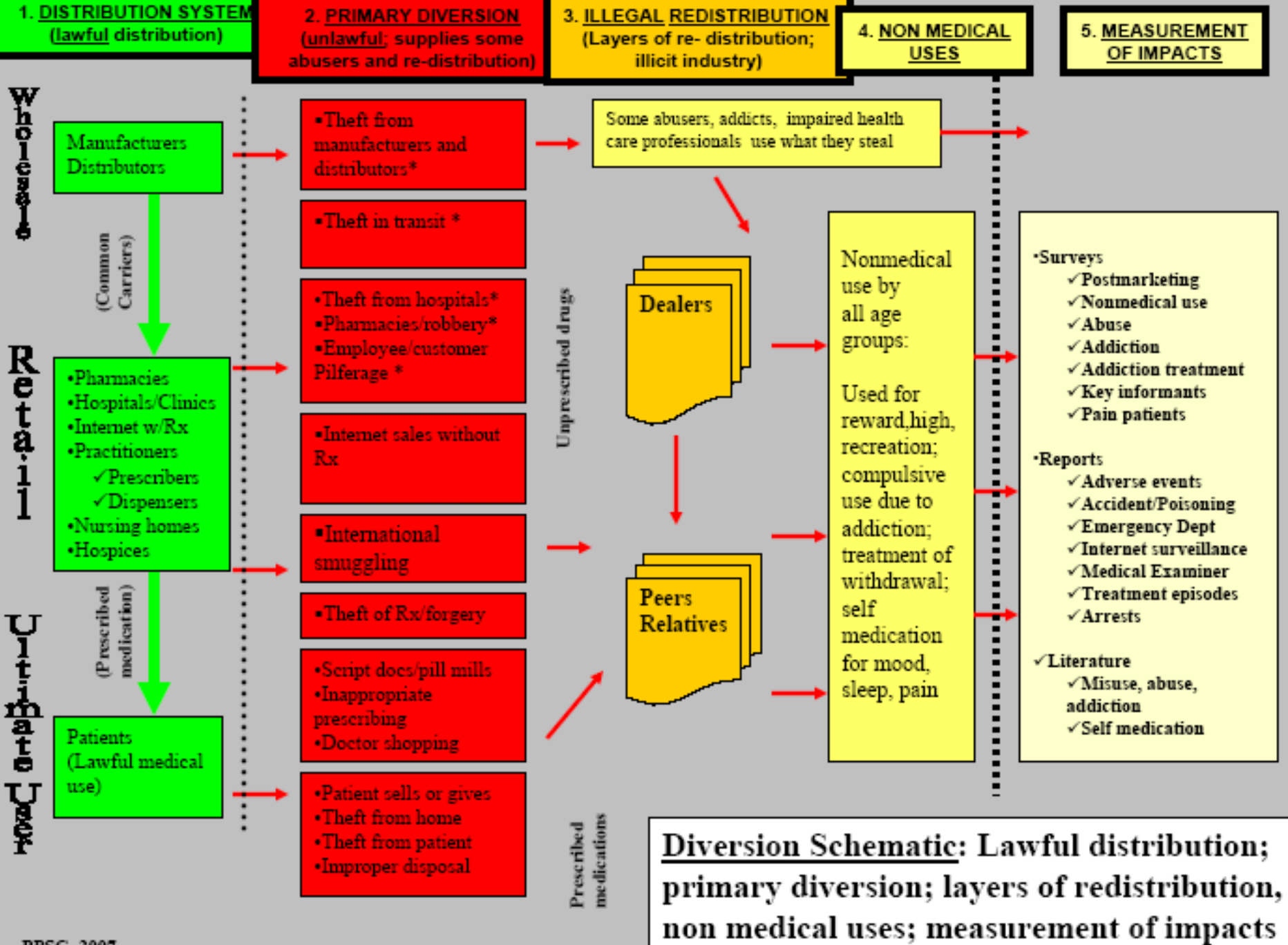


Map of London, 1929



Dr. John Snow





Sizing Diversion

People



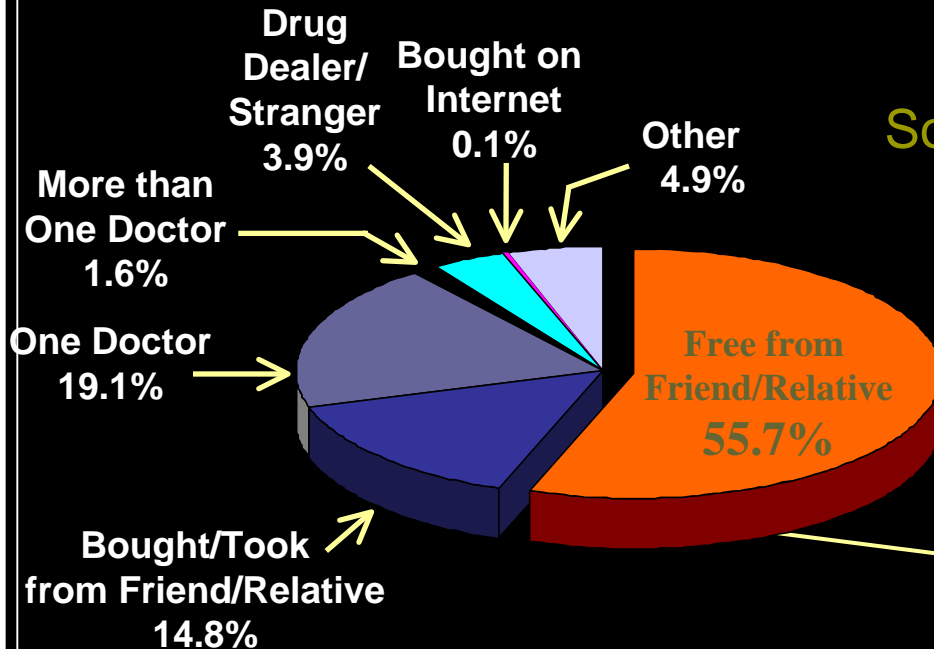
Doses

Reported Source of Pain Relievers by Past Year Users Aged 12 or Older: 2006

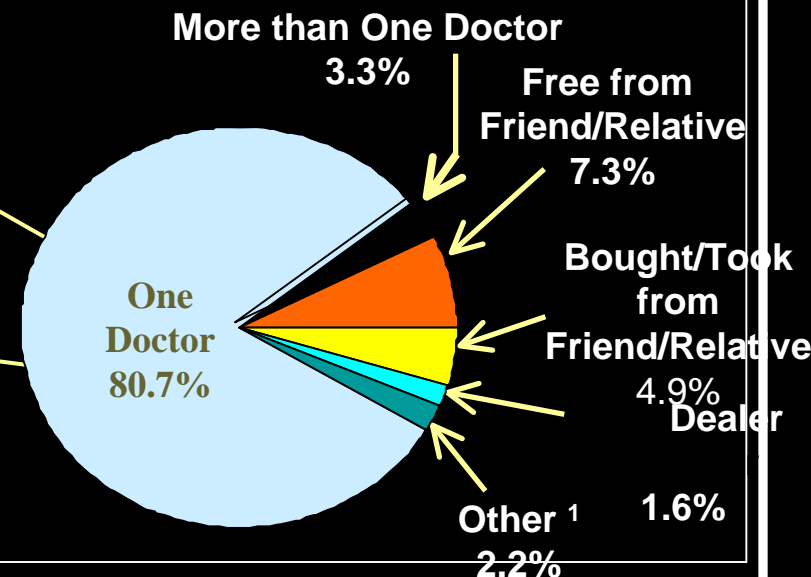
Note: Totals may not sum to 100% because of rounding or because suppressed estimates are not shown.

¹ The Other category includes the sources: "Wrote Fake Prescription," "Stole from Doctor's Office/Clinic/Hospital/Pharmacy," and "Some Other Way."

Source Where Respondent Obtained

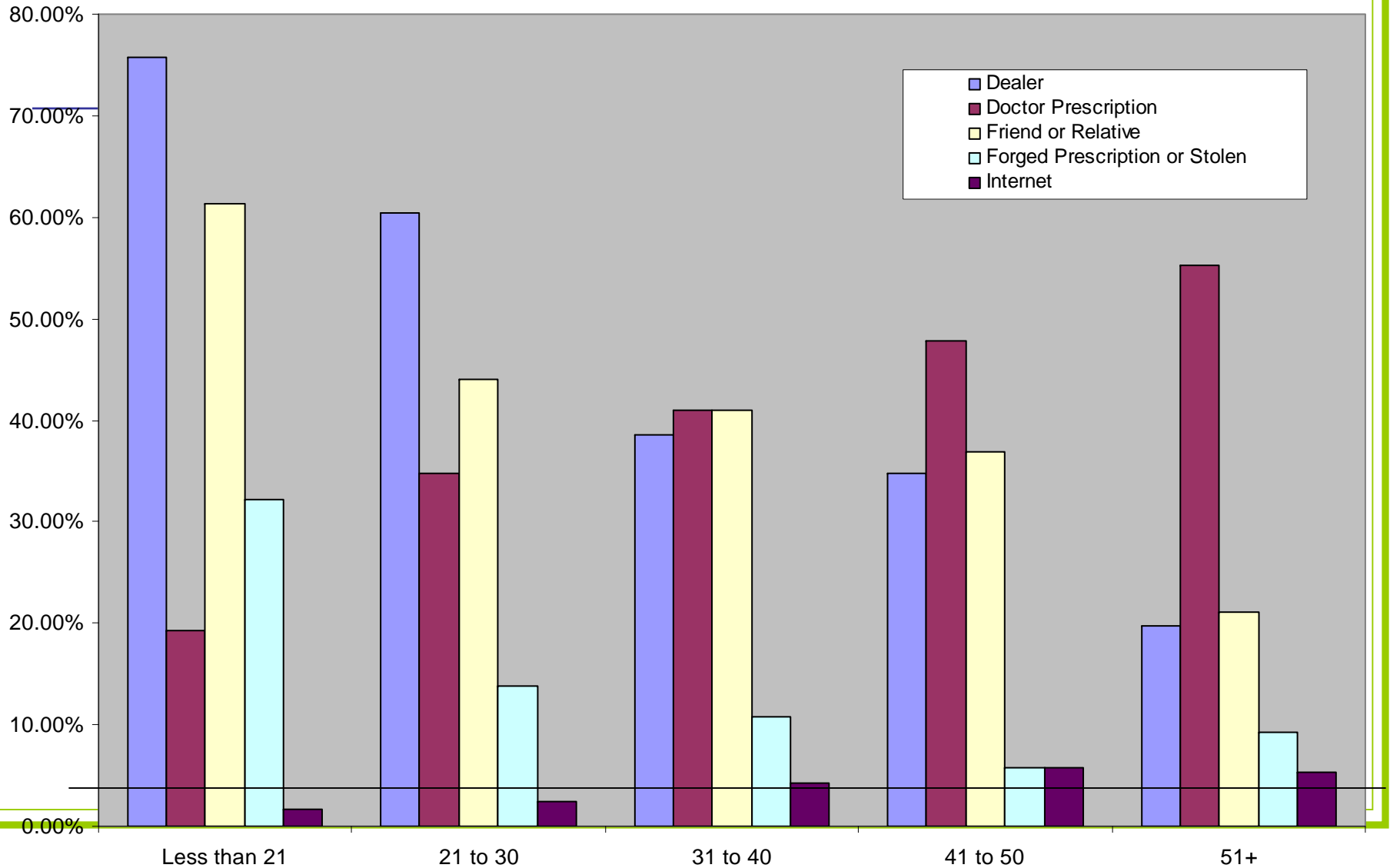


Source Where Friend/Relative Obtained



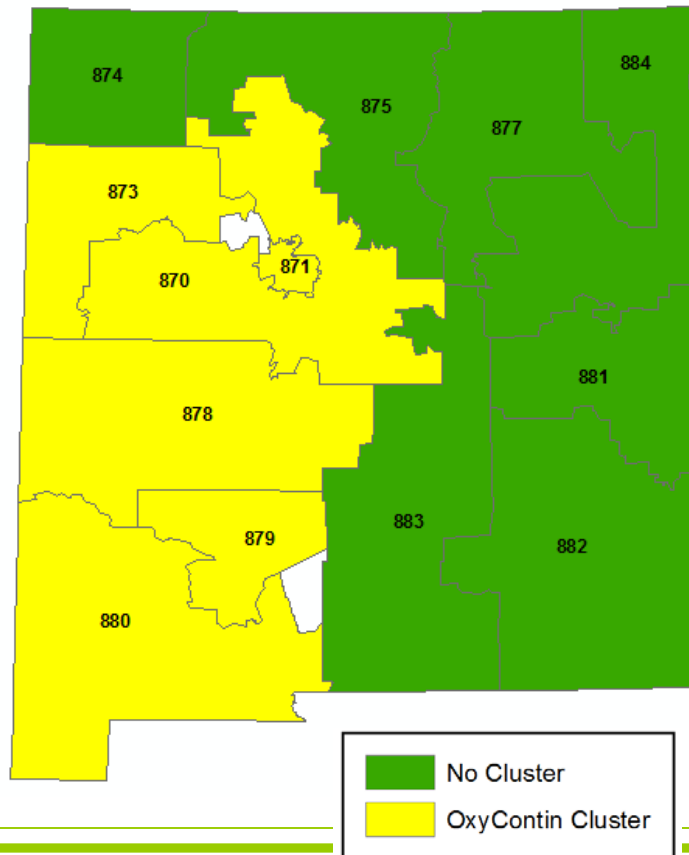
RADARS DIVERSION STUDY

Rx Abuse

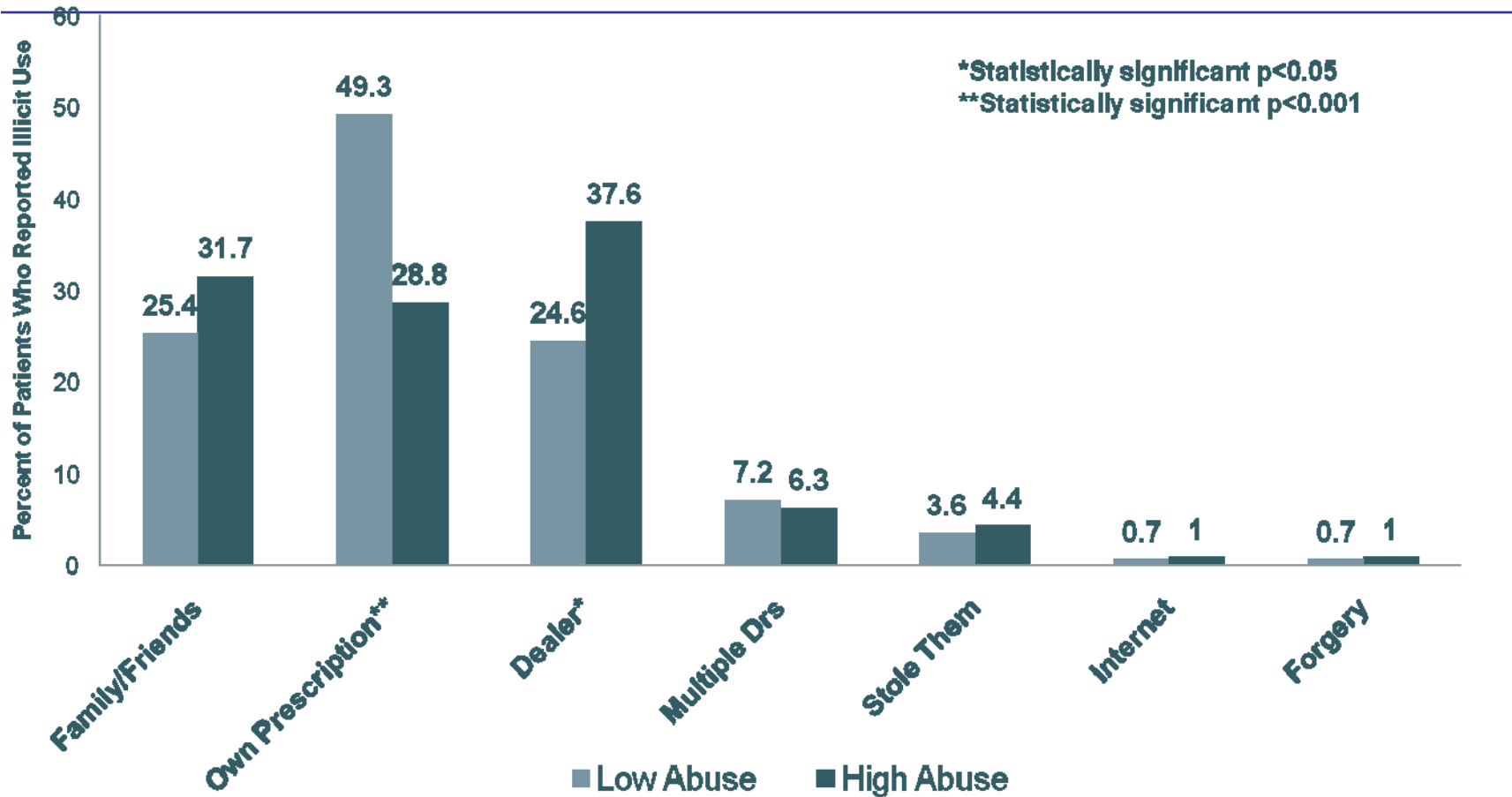


Spatial Scan Analyses for Clusters of OxyContin® Abuse in New Mexico

OxyContin® abuse clustered in western NM around Albuquerque and in southern NM near Las Cruces and El Paso, Texas



Comparison of Sources for OxyContin® in Areas of High and Low Abuse in New Mexico



Volume of Prescription Opioids Study

- Opioids dispensed per year in US (IMS, 2002-2003)
 - 190 million prescriptions
 - 9.4 billion doses
- Non-medical users in last year (NSDUH)
 - 11 million people
 - 430 million non-medical use days
- Minimum of 430 million doses ingested non-medically (1 dose/day)

Objectives of Today's Meeting

- To develop the concept of diversion as a science
- To review the current evidence on sources of diverted prescription opioids
- To identify gaps in our understanding of prescription opioid diversion and how to fill them
- To review current options for addressing diversion and how to maximize their effectiveness utilizing scientific approaches