

Project: Drug Drop Zone

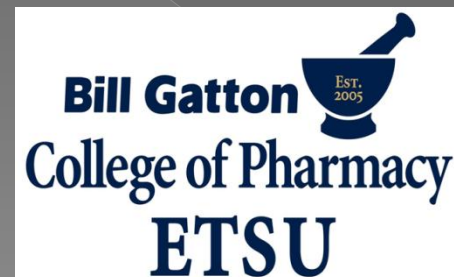
Kingsport Police Department's
Medication Take-Back Initiative



Rx

Project: Drug Drop Zone

- Project: Drug Drop Zone is a Cooperative Effort between the Kingsport Police Department's Community Relations & Crime Prevention Unit and East Tennessee State University's Bill Gatton College of Pharmacy.



Project: Drug Drop Zone



- Project: Drug Drop Zone began on September 25, 2010.
- An offsite medication collection event was held at the Rhoten Allstate Agency in Kingsport from 10:00 AM until 2:00 PM.

Project: Drug Drop Zone

- ◉ In just four hours, the drugs K.P.D. collected totalled...

179 POUNDS

Project: Drug Drop Zone

- This inaugural event firmly established a definite need for a pharmaceutical collection program; however, for the next 16 months, K.P.D. did not collect any more medication.
- While extremely productive, the offsite event proved to be a very labor intensive (staffing/transportation) and non cost effective (overtime) method for medication collection.
- Also, events such as this could only be held on a periodic basis.
 - > What do I do with my medications if I missed the event?
 - > What do I do with my medications in between events?

Project: Drug Drop Zone

- Thanks to a grant from the National Association of Drug Diversion Investigators, a permanent drop box was installed in the lobby of the K.P.D. Justice Center on January 27, 2012.



Project: Drug Drop Zone



- To date, Project: Drug Drop Zone collections have exceeded...

**2,300
POUNDS**

Project: Drug Drop Zone

- ◉ What do we collect?
 - > Non-Narcotics
 - > Narcotics
 - > Over the Counter (OTC)
 - > Herbals
 - > Supplements
 - > Vitamins
 - > Veterinary Medications

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- ◉ What do we not collect?
 - > Needles or Sharps
 - > Biohazard Materials
 - > Illegal Drugs

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- ◉ Why do we collect medication?
 - > To Keep Drugs Off the Street
 - > To Prevent Overdoses and Accidental Poisonings
 - > To Avoid Environmental Contamination

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- ◉ What do we do with the medication we collect?
- ◉ All Project: Drug Drop Zone deposits (including medication containers) are incinerated.



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- Factual Basis for Need for Collection:
 - > In 2010, 272 Million doses of Hydrocodone were prescribed in the State of Tennessee.
 - > This is enough to supply 51 doses for every man, woman, and child over the age of 12 living in the state.

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- Factual Basis for Need for Collection:
 - The U.S. Centers for Disease Control and Prevention reported last year that one person dies of an unintentional drug overdose every 19 minutes.

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- Factual Basis for Need for Collection:
 - > Nearly 70 percent of Americans are on at least one prescription drug.
 - > More than half of Americans receive at least two prescriptions.
 - > 20 percent of Americans are on five or more prescription medications.

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- Factual Basis for Need for Collection:
 - > Opioids are the third most prescribed medication, with only antibiotics and antidepressants more commonly prescribed.

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- Factual Basis for Need for Collection:
 - > Spending on prescription drugs reached \$250 billion in 2009, and accounted for 12 percent of total personal health care expenditures.

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- Factual Basis for Need for Collection:
 - > Avoidable costs of more than \$200 billion are incurred each year in the U.S. healthcare system as a result of medicines not being used responsibly by patients and healthcare professionals.

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- Factual Basis for Need for Collection:
 - > The use of narcotic painkillers, or opioids, has boomed over the past decade as drug makers and doctors have promoted them for a new use: treating long-term pain from back injuries, headaches, arthritis and conditions such as fibromyalgia.

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- Factual Basis for Need for Collection:
 - Insurers have grown to see pills as a cheaper way to treat chronic pain than other methods.

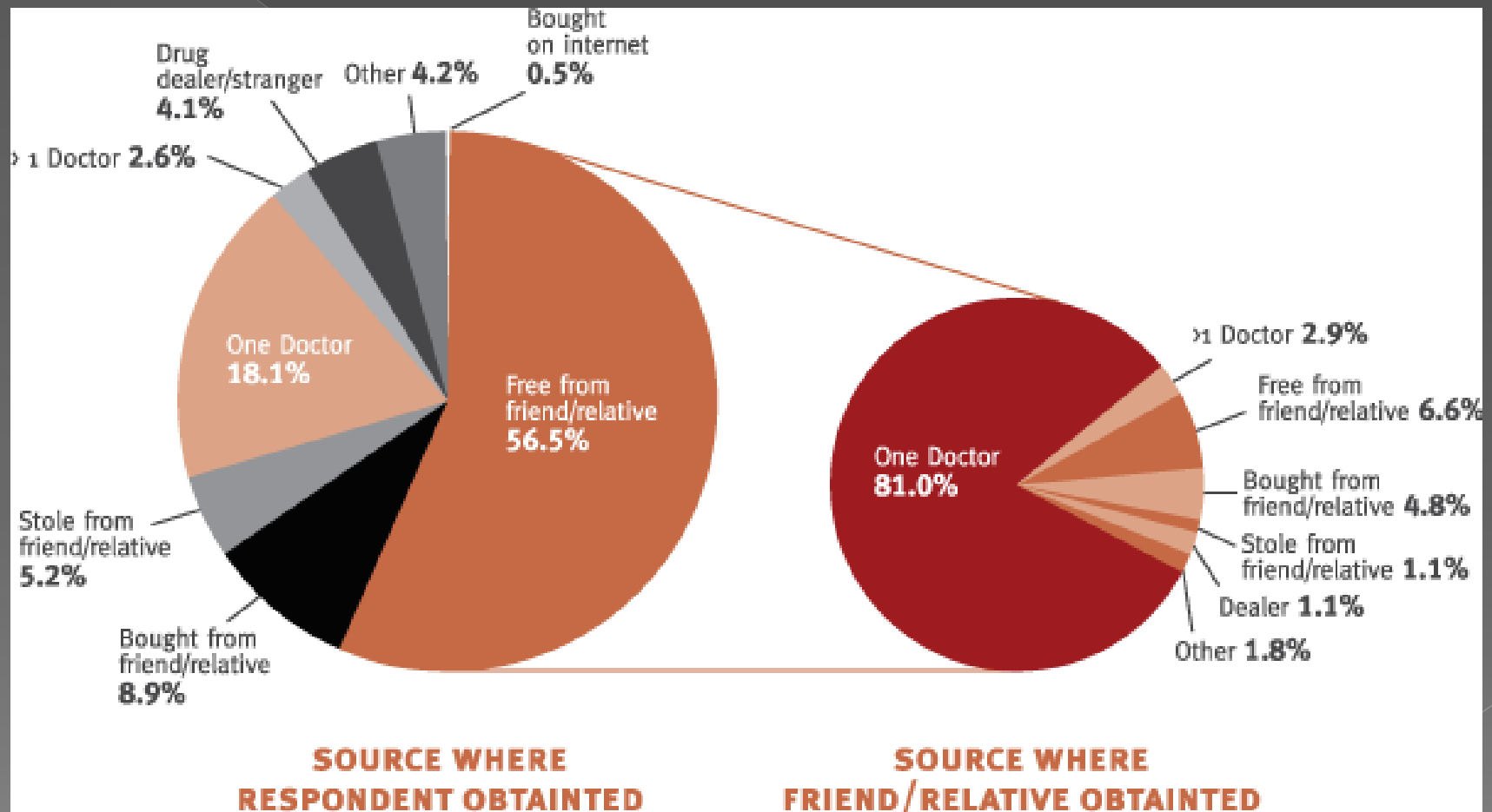
America's Top 10 Most Medicated States

Retail Prescriptions filled per capita for 2009

1. West Virginia 18.4
2. Tennessee 16.9 – approx \$6.1 billion
3. Alabama 16.7
4. Kentucky 16.5
5. Arkansas 16.4
6. South Carolina 16.3
7. Mississippi 15.9
8. Iowa 15.3
9. Missouri 15.0
10. Vermont 15.0



Rx Access Points— Friends & Family Source of Concern

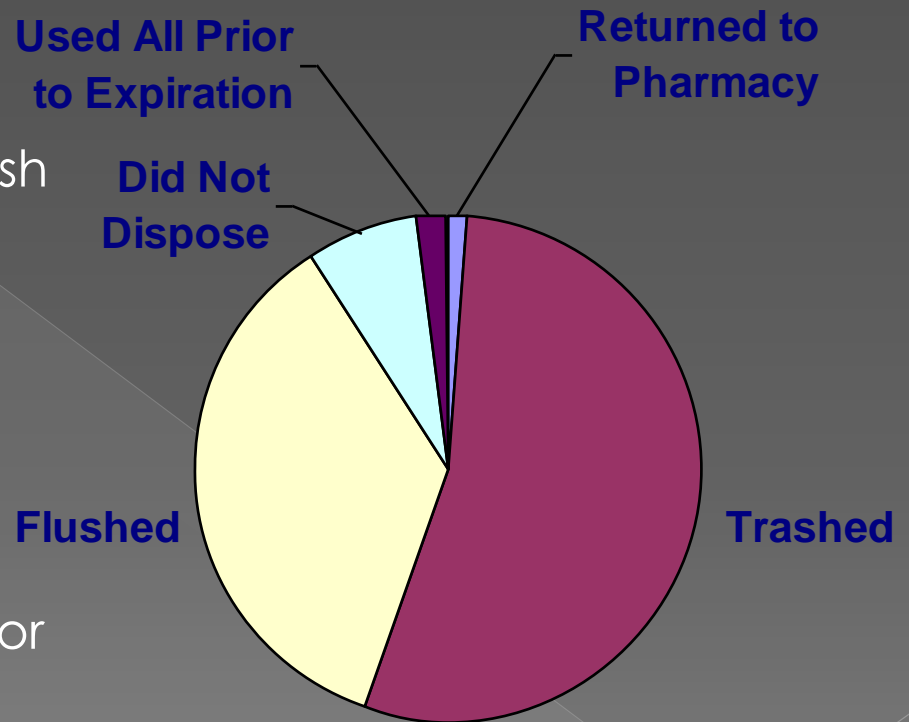


SAMHSA. (2008). *Results from the 2007 National Survey on Drug Use and Health: National Findings* (Office of Applied Studies, NSDUH Series: H-34, DHHS Publication No. SMA 08-4343). Rockville, MD. Available at: www.oas.samhsa.gov/nsduh/2k7nsduh/2k7Results.pdf

Patient Disposal Habits

500 patients surveyed:

- **54%** disposed of medications in the trash
- **35.4%** flushed drugs down the toilet or sink
- **7.2%** did not dispose of medications
- **2%** used all medication prior to expiration
- **1.4%** returned medications to the pharmacy



Project: Drug Drop Zone

- Periodically, a content analysis of Project: Drug Drop Zone's deposits is conducted by faculty and students of E.T.S.U.'s Bill Gatton College of Pharmacy.



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Project: Drug Drop Zone

- As a direct result of Project: Drug Drop Zone and similar programs across the region, East Tennessee State University has received grant funding of \$2.2 Million from the National Institute on Drug Abuse (NIDA) to launch a five-year research program aimed at battling prescription drug abuse and misuse.

Project: Drug Drop Zone

- The Grant Team will:
 - > Study how communication among health care providers who prescribe drugs, pharmacists who dispense them, and the patients who receive them can reduce illicit use of prescription medications,
 - > Study how well health care providers think that they communicate with patients about substance abuse, and how prepared they feel to intervene in cases of suspected abuse, and
 - > Quantify the outcomes of drug take-back events and drug donation boxes where substances with potential for abuse are removed from households.

Project: Drug Drop Zone

- Project: Drug Drop Zone has proven to be successful beyond what could ever have been imagined.
- For more information on Project: Drug Drop Zone and other programs offered by the Kingsport Police Department's Community Relations & Crime Prevention Unit, contact:
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