

Kentucky All Schedule Prescription Electronic Reporting (KASPER)

David R. Hopkins
KASPER Program Manager
Office of Inspector General
Kentucky Cabinet for Health and Family Services

Health Care Compliance Association
Mid Central Regional Compliance Conference
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What is KASPER?

KASPER is Kentucky's Prescription Monitoring Program (PMP). KASPER tracks Schedule II – V controlled substance prescriptions dispensed within the state as reported by pharmacies and other dispensers.

KASPER is a real-time Web accessed database that provides a tool to help address one of the largest threats to patient safety in the Commonwealth of Kentucky; the misuse, abuse and diversion of controlled pharmaceutical substances.

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Problems with Controlled Substances

Misuse, Abuse, Diversion

- **Misuse:**
 - When a schedule II – V substance is taken by an individual for a non-medical reason.
- **Abuse:**
 - When an individual repeatedly takes a schedule II – V substance for a non-medical reason.
- **Diversion:**
 - When a schedule II – V substance is acquired and/or taken by an individual for whom the medication was not prescribed.

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A National Perspective

From 1992 to 2003 the 15.1 million Americans abusing controlled prescription drugs exceeded the combined number abusing:

- Cocaine (5.9 million),
- Hallucinogens (4.0 million),
- Inhalants (2.1 million), and
- Heroin (.3 million).

Source: *Under the Counter: The Diversion and Abuse of Controlled Prescription Drugs in the U.S.* Published by The National Center on Addiction and Substance Abuse at Columbia University (CASA), July 2005.

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National Survey on Drug Use and Health

- Non-medical use of prescription drugs increased 12% from 2008 to 2009
 - Increase from 2.5% to 2.8% of the population
- Ecstasy users increased from 555,000 to 760,000
- Methamphetamine users increased from 314,000 to 502,000

Source: *2009 National Survey on Drug Use and Health*, U.S. Substance Abuse and Mental Health Services Administration.

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The Costs of Substance Abuse

- Federal, state and local governments spent \$467.7 billion on substance abuse
- Of the \$373.9 billion spent by federal and state governments:
 - 95.6 percent (\$357.4 billion) to deal with the consequences and human wreckage of substance abuse and addiction
 - 1.9 percent went to prevention and treatment
 - 0.4 percent to research
 - 1.4 percent to taxation and regulation
 - 0.7 percent to interdiction

Source: *Shoveling Up II: The Impact of Substance Abuse on Federal, State and Local Budgets*, The National Center on Addiction and Substance Abuse, Columbia University, May 28, 2009.

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Controlled Substance Abuse in Kentucky

- 8.5% of Kentuckians used prescription psychotherapeutic drugs for nonmedical reasons in past year. (KY leads nation)
- 7% of Kentuckians have used prescription pain relievers such as Darvon and Percodan for nonmedical reasons in past year. (KY leads nation).
- 4.6% of Kentuckians have used prescription tranquilizers such as Valium and Xanax for nonmedical reasons in past year. (KY leads nation)
- 2.0% of Kentuckians have used prescription stimulants for nonmedical reasons in past year (KY fourth in nation)

Source: *Misuse of Prescription Drugs: Data from the 2002, 2003 and 2004 National Surveys on Drug Use and Health*, published by the U.S. Substance Abuse and Mental Health Services Administration (SAMHSA), Office of Applied Studies, September 2006.

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Generation Rx

- 19% of teens report abusing prescription medications to get high.
- 40% of teens agree that prescription medicines, even if not prescribed by a doctor, are safer than illegal drugs.
- 29% of teens believe prescription pain relievers are not addictive.
- 62% of teens say prescription pain relievers are easy to get from parents' medicine cabinets

Source: *2005 Partnership Attitude Tracking Study on Teen Drug Abuse*, The Partnership for a Drug-Free America, May 16, 2006.

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The Medicine Cabinet!

Dear Annie: My husband and I recently purchased a nanny cam. However, instead of catching our nanny doing something wrong, we viewed a trusted neighbor taking our prescription pain medication. He has a key to our house and just let himself in.

What is the best way to handle this?

Annie's Mailbox (Kathy Mitchell, Marcy Sugar)
- December 3, 2008

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Controlled Substance Abuse

- “Pharm” parties
 - Cocktails of controlled substances
 - Often consumed with alcohol
 - Xanax goes for about \$3 a pill
 - Vicodin goes for about \$5 a pill
 - More powerful painkillers such as Roxycodone go for about \$10 a pill

Source: *2005 Partnership Attitude Tracking Study on Teen Drug Abuse*, The Partnership for a Drug-Free America, May 16, 2006.

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Hydrocodone

- DEA believes hydrocodone the most abused prescription drug in the U.S. ¹
 - Usage increased 400% in last 10 years
 - Hydrocodone attributed ER visits increased 500% in last 10 years
- The U.S. has approximately 4.6% of the world's population and consumes 99% of all the hydrocodone produced ²
- The "Cocktail": hydrocodone, Xanax and Soma

1. Source: www.drug-addiction.com, *The Facts About Hydrocodone Addiction*.

2. Source: 2008 Annual Report of the International Narcotics Control Board.

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Hydrocodone



Photo from BroadbandDSLReports.com
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Hydrocodone

AMBRIDGE — An Ambridge dentist is facing two drug charges involving 7,000 prescription pain-killing pills, most of which he ingested himself, according to court documents.

John C. Hricik, 58, whose office is at 826 Merchant St., initially told state and federal drug agents that he took between five and 10 hydrocodone tablets daily, then said “it could be 20 per day ... it’s a lot.”

Source: The Beaver County Times, January 18, 2011

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Oxycodone

- Street names: OC, Oxies, Roxies, Oxycotton, Hillbilly Heroin, Blue
- Highly addictive opioid
- OxyContin ® long-acting version often crushed then snorted or injected
- > 868,000 prescriptions dispensed in KY in 2010
- The U.S. consumes 83% of all the oxycodone produced ¹

1. Source: 2008 Annual Report of the International Narcotics Control Board.

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“Study Drugs”: Adderall & Ritalin

- Highly addictive amphetamine based stimulants used to treat ADHD
 - 2 - 4% of college students on ADHD medication
- As many as 20% of college students have use Adderall and Ritalin to study, write papers and take exams
 - Most obtained from fellow students
 - During exams prices can reach as high as \$25 per pill

Source: *Adderall Used for Recreation and Study on UMass Campus*, Michelle Williams, The Massachusetts Collegian, December 7, 2010.
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Fentanyl

- Synthetic opioid delivered via transdermal patch or lozenge ¹ (fentanyl lollipops - Actiq)
 - 50 to 100 percent more potent than morphine
- Patches stolen from nursing home patients
- Methods of abuse:¹
 - Applying multiple patches to the body at one time
 - Eating or sucking on a patch
 - Extracting the drug from a patch, mixing it with an alcohol solution, and injecting it with a hypodermic needle

1. Source: www.drug-addiction.com, *Abuse of High-Potency Fentanyl Skin Patches Linked to Hundreds of Deaths*.

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Celebrities



Photos from The Internet Movie Database

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Stevie Nicks



Photo from starpulse.com

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Erica Hughes



Photo by Pam Spaulding, The Louisville Courier-Journal, November 30, 2009
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Pharmacy Threat

Police: Man makes bomb threat at Kroger after prescription took too long to fill - Windows Internet Explorer

http://www.wcpo.com/dpo/news/local_news/Police%3A-Man-makes-bomb-threat-at-Kroger-after-prescript...

Police: Man makes bomb threat at Kroger after prescription took too long to fill

Cincinnati, OH

Cloudy Full Forecast

Forecast: Winter Storm Warning

A computer nerd's tip for fixing a slow computer

How to eliminate credit card debt in 2011

New scientific discovery fuels muscle building

Advertising provided by AOL Lifestyle.com

Most Read Stories

New: 7,000 Buffalo die over weekend

Source: Lance Barry, WCPO Channel 9, Cincinnati, Ohio, January 19, 2011

Gregory Pursley

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Pharmacy Armed Robberies



Photo by Kathy Kmonicek, Associated Press, June 26, 2011

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Top Prescription Drugs of Abuse (per dose)

- Hydrocodone (Vicodin, Lortab, Lorcet) \$6 - \$8
- Oxycodone (Percocet, Percodan, Tylox) \$6 - \$8
(OxyContin - \$1.00 - \$1.50 per mg.)
- Methadone \$10 - \$40
- Diazepam (Valium) \$1 - \$2
- Fentanyl Patch \$50, Lollipop (Actiq) \$20
- Carisoprodol (Soma) \$3 - \$4
- Alprazolam (Xanax) \$3 - \$4
- Methylphenidate (Ritalin) \$10 - \$12
- Hydromorphone (Dilaudid) 4mg. \$60

Charlie Cichon, "Prescription Medication Abuse", National Association of Drug Diversion Investigators
Regional Training Conference, June 2, 2011

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Provider Shopping

Provider Shopping

Provider shopping is when controlled substances are acquired by deception.

Acts related to attempting to obtain a controlled substance, a prescription for a controlled substance or administration of a controlled substance, prohibited under KRS 218A.140 include:

- Knowingly misrepresenting or withholding information from a practitioner.
- Providing a false name or address.
- Knowingly making a false statement.
- Falsely representing to be authorized to obtain controlled substances.
- Presenting a prescription that was obtained in violation of the above.
- Affixing a false or forged label to a controlled substance receptacle.

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Typical Provider Shopping Behaviors

Patient Behaviors	Examples
Multiple providers of the same type	3 or more general practitioners, dentists, etc.
Dispensers and prescribers are in different localities from each other and the patient's home address	Patient lives in Fayette county; prescriber in Franklin county; dispenser in Jessamine county
Overlapping prescriptions of the same drug from different prescriber types	Oxycodone scripts from dentist, family physician, and pain management doctor within 30 days
Excessive emergency room visits for non-emergency issues	3 or more emergency room visits in a month for chronic pain conditions
Requesting replacement for lost medications regularly	Patient states that controlled substance is lost and requests new prescription
Requesting early refills	Patient requests early refills due to extended out-of-state trip
Pressuring prescribers to prescribe controlled substances for the patient's family members	Patient requests the pediatrician prescribe cough syrup with codeine for his/her child stating that it is needed for the child to sleep better

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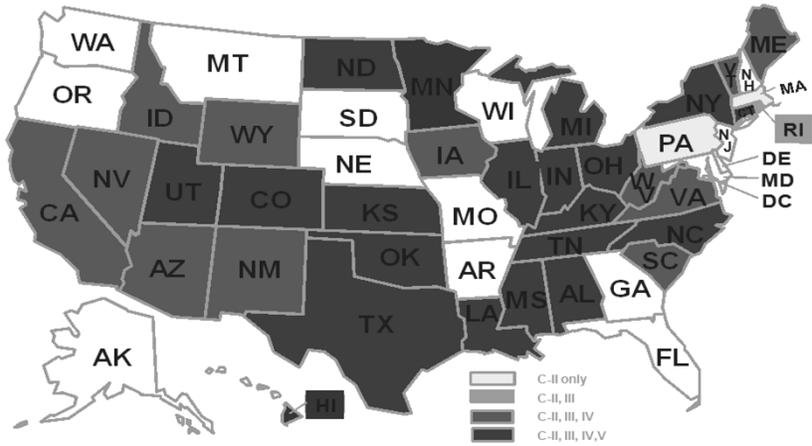
Typical Provider Shopping Behaviors (Cont.)

Patient Behaviors	Examples
Using multiple names, social security numbers, addresses, etc.	Patient fills three scripts under three different names
Seeking referrals to multiple pain management clinics	Patient requests referrals to pain management clinics without a specific diagnosis
Associating with others known to be pharmaceutical controlled substance provider shopping	Patient travels to clinic with another patient exhibiting shopping behavior and requests similar prescription
Self-mutilation	Patient presents with potential self-inflicted wound
Cash transactions	Patient prefers to pay cash when insurance available
Requesting partial dispensing of controlled substance script	Patient requests half of the script and returns for the rest within 72 hours
After-hour, weekend and holiday calls for prescriptions	Patient calls prescriber at midnight on Friday to request a controlled substance script

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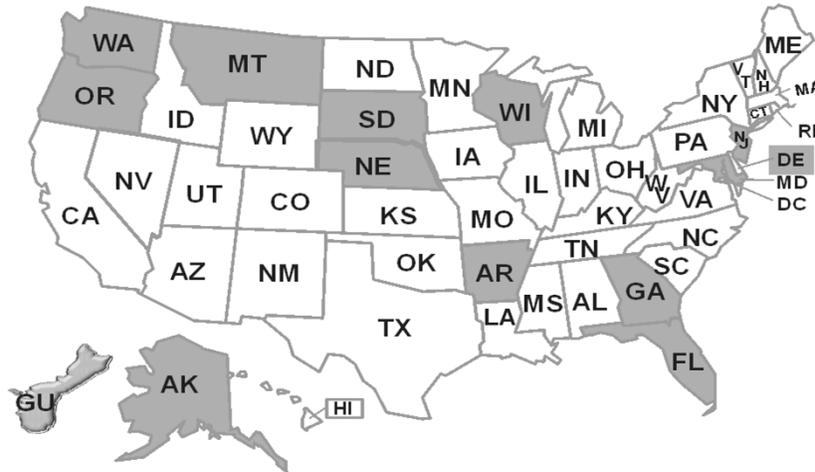
The KASPER Program

States with Prescription Monitoring Programs



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States that have Passed PMP Legislation



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Border State Programs

- Indiana – (INSPECT)
– <http://www.in.gov/pla/2335.htm>
- Illinois (Prescription Information Library)
– <https://www.ilpmp.org/>
- Ohio – (OARRS)
– <http://www.ohiopmp.gov>
- Tennessee
– <https://prescriptionmonitoring.state.tn.us/Login.aspx>
- Virginia
– <https://www.pmp.dhp.virginia.gov/VAPMPWebCenter/login.aspx>
- West Virginia (RxDataTrak)
– <https://65.78.228.163/login.asp>

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KASPER Operation

- KASPER tracks most Schedule II – V substances dispensed in KY.
 - Over 11 million controlled substance prescriptions reported to the system each year.
- KASPER data is 1 to 7 days old.
 - Dispensers have 7 days to report.
 - RelayHealth processes & provides data once per day.
- Reports available to authorized individuals.
 - Available via web typically within 15 seconds (90% of requests).
 - Available 24/7 from any PC with Web access.

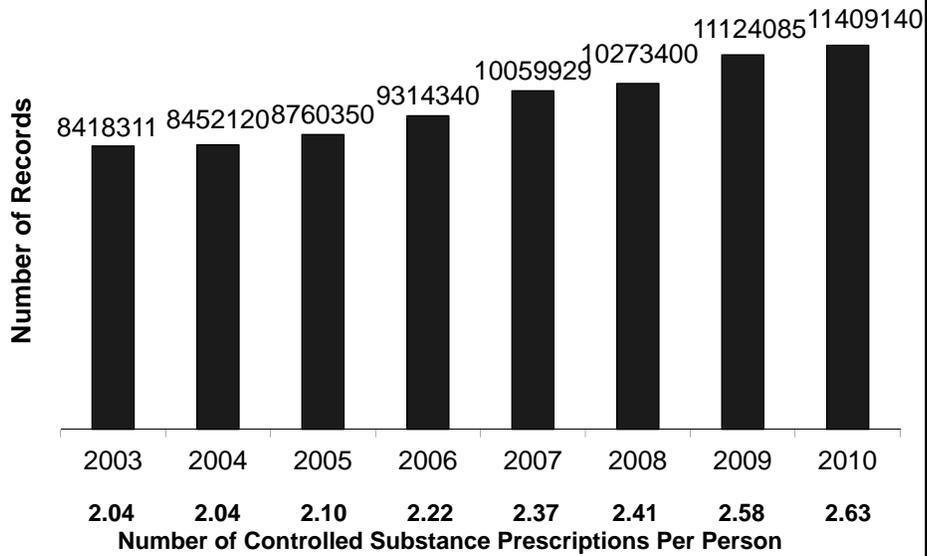
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Not Required to Report

- Federal pharmacies do not have to report
 - Methadone clinics (federal privacy regulations)
 - VA hospitals
 - Military pharmacies
- Emergency departments do not report unless >48 hour supply dispensed.

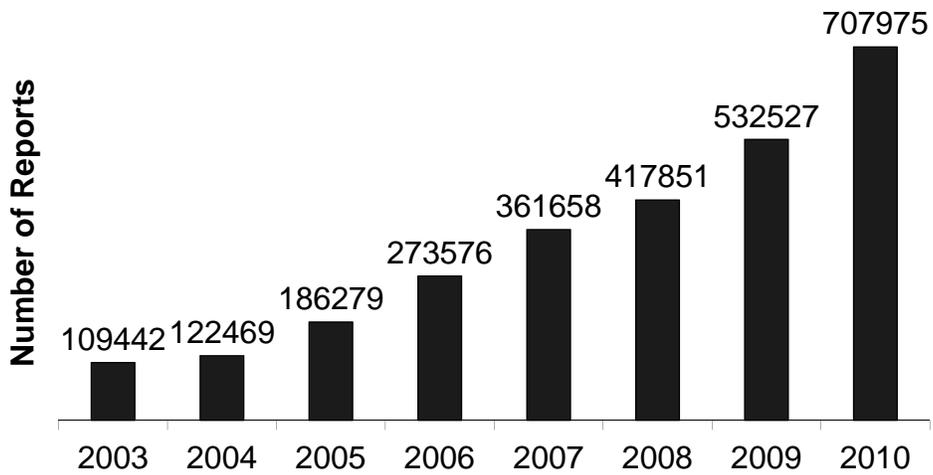
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2010 KASPER Records Total/Per Person

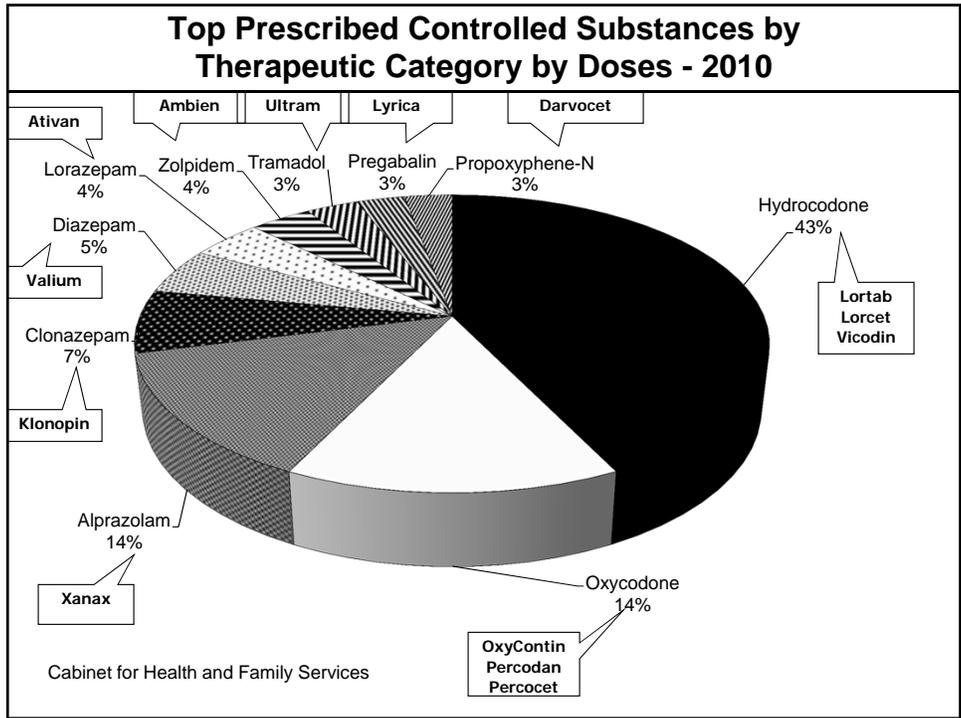


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2010 KASPER Reports Requested



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- ### Authorized KASPER Users
- Under KRS 218A.202 (6):**
- **Licensing Boards** - for licensees only (including licensees based upon relationships or geographic trend data)
 - **Law Enforcement Officers** - for a bona fide drug investigation
 - **Medicaid** – for a member or provider
 - **Grand Juries** - by subpoena
 - **Practitioners** - for medical treatment, and **Pharmacists** - for pharmaceutical treatment
 - **A judge or probation or parole officer** administering a drug diversion or probation program
- Cabinet for Health and Family Services

KASPER Usage 2010

Pharmacists = 3%
(23% of pharmacists
have accounts)

Law Enforcement = 2%
(14% of LE have
accounts)

Judges, Other
< .1%

Prescribers = 95%
(30% of prescribers have accounts)

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Goals of KASPER

- KASPER was designed as a tool to help address the problem with prescription drug abuse and diversion by providing:
 - A source of information for health care professionals.
 - An investigative tool for law enforcement.
- KASPER was not designed to:
 - Prevent people from getting prescription drugs.
 - Decrease the number of doses dispensed.

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Using eKASPER

To Request an eKASPER Account

- ID Management
 - Must apply for account with supporting documents
 - <https://ekasper.chfs.ky.gov/accessrequest>
- Application information used by KASPER staff to verify identity and credentials
- Userid and initial password provided in separate emails.

To Request an eKASPER Report

- Via secure WEB application.
- Application accessible from any PC with WEB access.
- Practitioners and pharmacists can receive a report often within 15 seconds (as long as the report does not require further review by the KASPER staff).
- Available 24 / 7.
- URL: <https://ekasper.chfs.ky.gov>.

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eKASPER Patient Report Request

Kentucky.gov
eKASPER
KY Agencies | KY Services

KENTUCKY
CABINET FOR HEALTH AND FAMILY SERVICES
KENTUCKY ALL SCHEDULE PRESCRIPTION ELECTRONIC REPORTING

Request Report

[Contact](#) | [Log Out](#)

Request Report

Request Report - For Single Patient * Required Field

Patient / Subject Details	
First Name *	Last Name *
ID Type	SSN *
DOB(mm/dd/yyyy) *	Click here for Aliases
Patient / Subject Address Info	
Address *	City *
State	Zip Code
Click here for Other Addresses	
Report Details (Date in mm/dd/yyyy format)	
From Date *	To Date *
Facility	
<input type="checkbox"/> Email Notification	

Submit
Reset

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CABINET FOR HEALTH AND FAMILY SERVICES
Commonwealth of Kentucky
275 East Main Street
Frankfort, KY 40521-0001
Drug Enforcement Branch - KASPER
Patient Controlled Substance Report
Between **01/01/2011** and **05/20/2011**

Requestor Name :
Request # :

Patient Name:

Date Filled	Drug Name	Patient DOB	Qty	Days	Prescriber Name	Prescriber City	Pharmacy Name	Pharmacy City
01/15/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
01/29/2011	Oxycodone/Acetaminophen 325MG/10MG	03/28/1967	60	10		Lexington	Kroger Pharmacy	Lexington
01/31/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Wal-Mart Pharmacy	Lexington
02/03/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
02/17/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Wal-Mart Pharmacy	Lexington
02/21/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
03/05/2011	Oxycodone/Acetaminophen 325MG/10MG	03/28/1967	150	25		Lexington	Pfizer Ais	Lexington
03/07/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Wal-Mart Pharmacy	Lexington
03/09/2011	Oxycodone Hcl 30MG	03/28/1967	60	30		Lexington	Pfizer Ais	Lexington
03/11/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
03/17/2011	Oxycodone Hcl 30MG	03/28/1967	100	25		Lexington	Walgreen	Lexington
03/23/2011	Oxycodone Hcl 30MG	03/28/1967	100	25		Lexington	Pfizer Ais	Lexington
03/25/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Wal-Mart Pharmacy	Lexington
03/30/2011	Roxicodone 30MG	03/28/1967	100	25		Lexington	Kentucky Clinic Pharmacy	Lexington
03/30/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
04/09/2011	Oxycodone Hcl 30MG	03/28/1967	100	16		Lexington	Pfizer Ais	Lexington
04/09/2011	Hydrocodone/Acetaminophen 325MG/10MG	03/28/1967	160	13		Lexington	Wal-Mart Pharmacy	Lexington
04/14/2011	Oxycodone Hcl 30MG	03/28/1967	100	25		Lexington	Walgreen	Lexington
04/17/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
04/21/2011	Roxicodone 30MG	03/28/1967	100	25		Lexington	Kentucky Clinic Pharmacy	Lexington
04/26/2011	Oxycodone Hcl 30MG	03/28/1967	100	25		Lexington	Pfizer Ais	Lexington
04/26/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	160	13		Lexington	Wal-Mart Pharmacy	Lexington
05/03/2011	Oxycodone Hcl 30MG	03/28/1967	100	25		Lexington	Walgreen	Lexington
05/04/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	150	18		Lexington	Kroger Pharmacy	Lexington
05/12/2011	Roxicodone 30MG	03/28/1967	100	16		Lexington	Kentucky Clinic Pharmacy	Lexington
05/14/2011	Hydrocodone/Acetaminophen 500MG/10MG	03/28/1967	160	20		Lexington	Wal-Mart Pharmacy	Lexington
05/19/2011	Oxycodone Hcl 30MG	03/28/1967	100	16		Lexington	Pfizer Ais	Lexington
05/22/2011	Oxycodone Hcl 30MG	03/28/1967	100	16		Lexington	Walgreen	Lexington
05/25/2011	Roxicodone 30MG	03/28/1967	100	17		Lexington	Kentucky Clinic Pharmacy	Lexington

* The information in this report is based upon Schedule II through V controlled substance records reported by dispensers and unaltered by the KASPER staff.
* There may be a delay in the appearance of data on the reports due to dispenser reporting and KASPER data-loading cycles.

* Please contact the Drug Enforcement and Professional Practices Branch at 502-584-7985 if you become aware of any dispenser not submitting data, or submitting inaccurate data to the KASPER system.

* The information in this report is intended for informational use only by the person authorized to request the report. Disclosure of the report or data to someone not authorized to obtain the data is a Class C Felony.

* The records listed in the report are based on the patient identification information provided by the report requestor, and if not sufficiently unique may result in the report containing records for multiple patients. Please verify the information in the report by contacting the prescribers and/or dispensers listed.

6/22/2011

CONFIDENTIAL - Under KRS 218A.202 this may not be provided to a patient (record release under HIPAA does not apply).

Page 1 of 2

KASPER Cautions

IMPORTANT

- **The Master Account Holder is responsible for all usage under the account including delegates!**
- **Do not share your userid/password!**
 - A subordinate may order an inappropriate report under your name.
 - Delegate accounts have their own userid/password and provide you the ability to review all reports delegates request under your master account.
- **Verify the information in the report!**
 - KASPER may contain inaccurate data.
 - Assume the data on the report is inaccurate before assuming the patient is doing something wrong.

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Please Remember!

It is a Class D Felony to provide anyone with a copy of a KASPER report!

A practitioner or pharmacist may discuss the information contained in the report with another practitioner or pharmacist, but each should obtain their own report.

A practitioner or pharmacist may also discuss the information contained in the report with the patient, but must not give the patient a copy of the report.

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KASPER Report Guidelines

KBML Opinion Issued March, 2009

**“Standards of Acceptable Medical Practice
Relating to a Physician’s use of KASPER
Reports”**

Available at KBML Web site: www.kbml.ky.gov

Click on “Board Information”

Then click on “Opinions and Policies”

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KASPER Program Challenges and Opportunities

2010 KASPER User Satisfaction Survey

- 59% response rate
- Overall satisfaction = 93.8%
- KASPER is effective for tracking patient drug history = 96.4%
- Refused to prescribe based on KASPER data = 88.6%
- Effective tool for law enforcement investigations = 93.9%
- Chilling effect = 33.3%

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RXs Dispensed in KY by State of Origin 2010



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Interstate PMP Data Sharing

Prescription Monitoring Information Exchange

- National Architecture to facilitate interstate PMP data sharing
- State PMPs interface to a hub server that facilitates data transmission among states or to another hub
- Open standards reduce state costs and protect their PMP technology investment

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KASPER Data Collection

- Study of real time KASPER data collection by University of Kentucky

Findings:

- Non-pharmacy dispensers would incur a cost burden
- No significant advantage of real time versus daily

Recommendations:

- Increase utilization of KASPER
- Move from weekly to daily data collection

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Increase KASPER Utilization

- Explore efficacy of mandatory KASPER accounts
- Consider required KASPER usage
 - New patients
 - Prior to first controlled substance Rx
 - ER's
- Improve dissemination of KASPER info
 - Prescribers and dispensers
 - Licensure boards

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Prescriber and Dispenser Workflow

- Utilize Kentucky Health Information Exchange to access KASPER data
 - Single sign on to KHIE
 - Allow KASPER report to be part of medical record
- Provide KASPER report at time of admittance to Emergency Room
- Provide KASPER report or “alert” at point of dispensing

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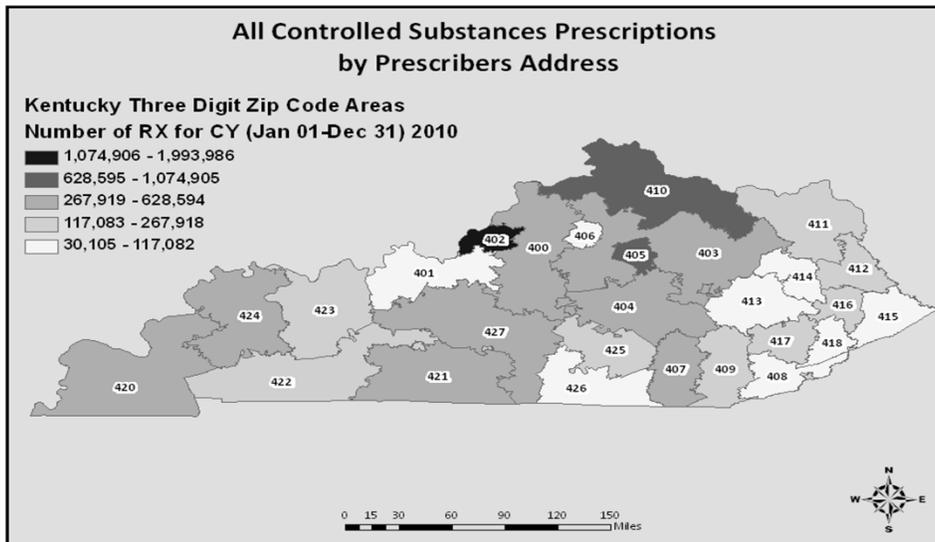
ePrescribing

- DEA now allows ePrescribing of controlled substances (EPCS)
 - Kentucky statutes aligned with DEA EPCS guidelines
- Capture controlled substance prescription data at time of ePrescribing
 - More accurate data
 - Need to reverse transactions when medications not picked up

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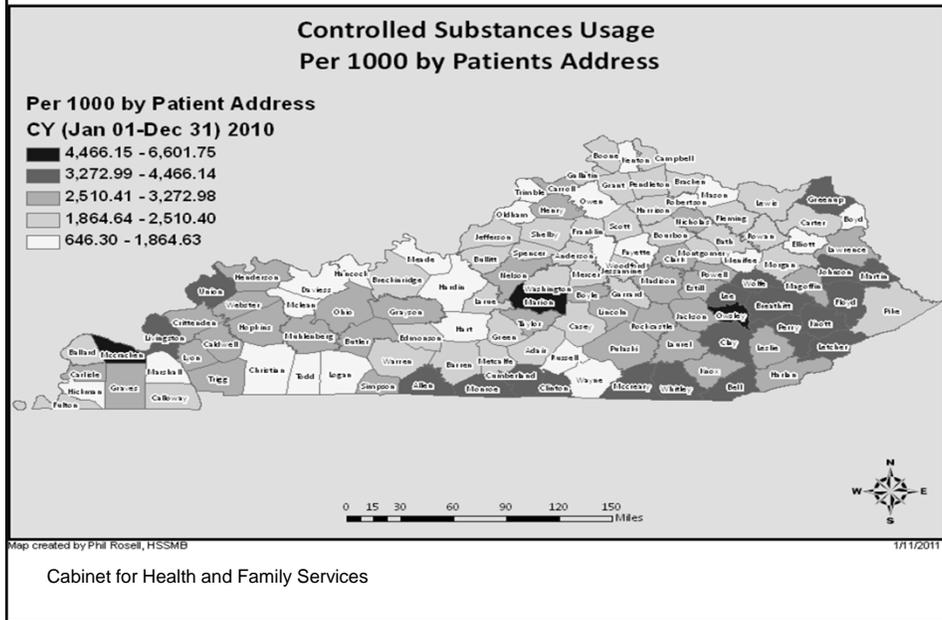
Controlled Substances in Kentucky

Controlled Substance Prescribing 2010

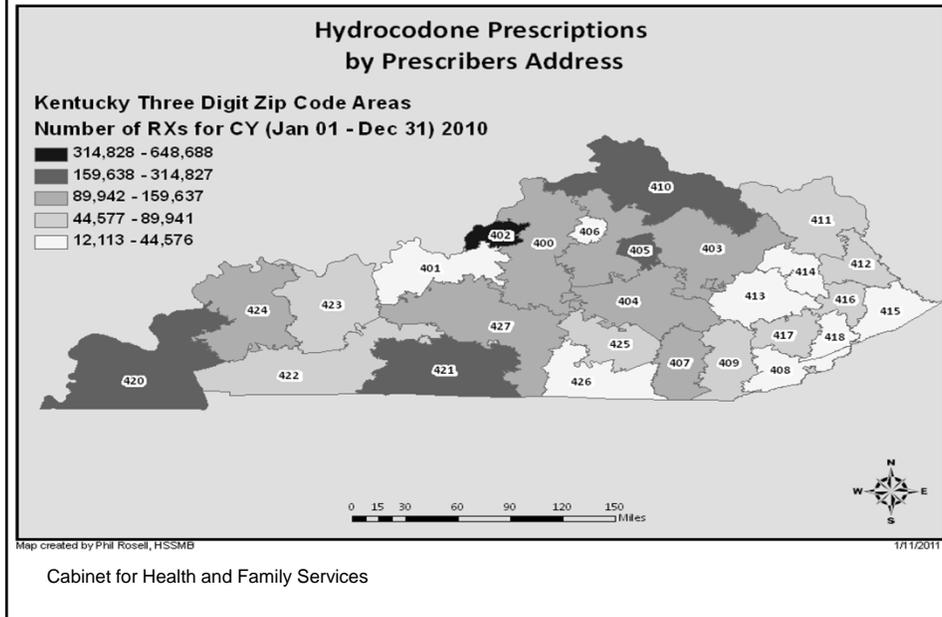


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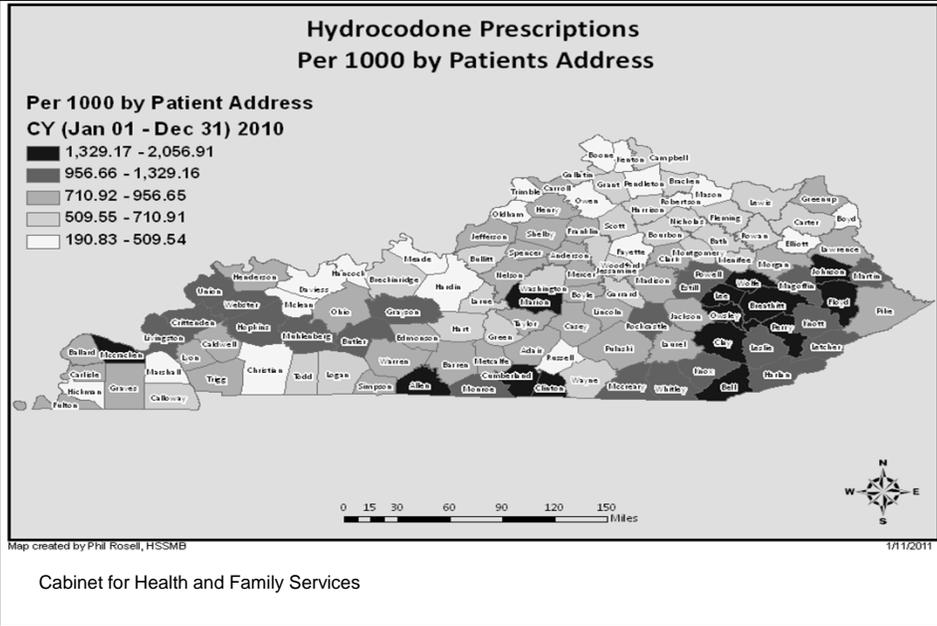
Controlled Substance Usage 2010



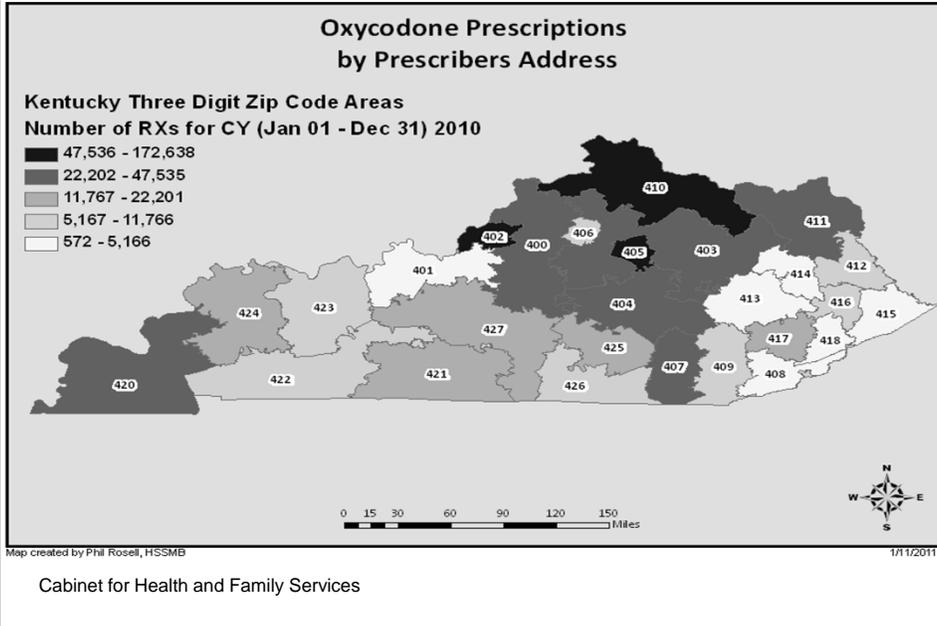
Hydrocodone Prescribing 2010



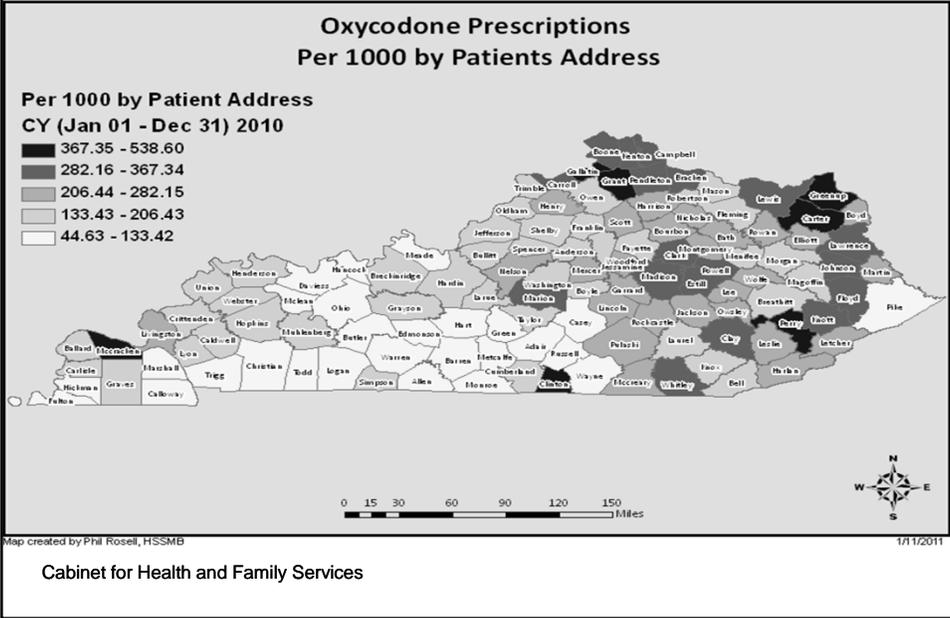
Hydrocodone Usage 2010



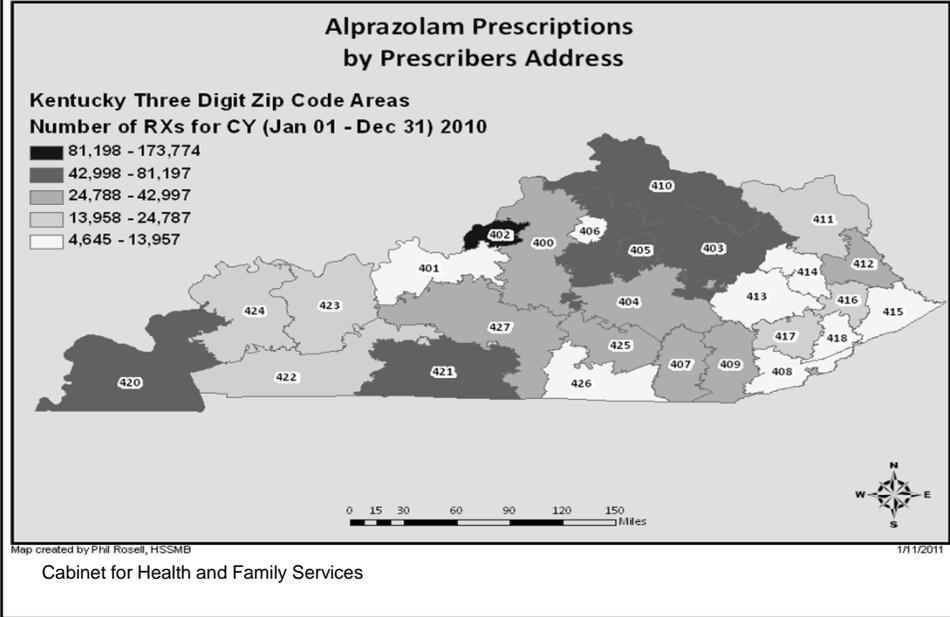
Oxycodone Prescribing 2010



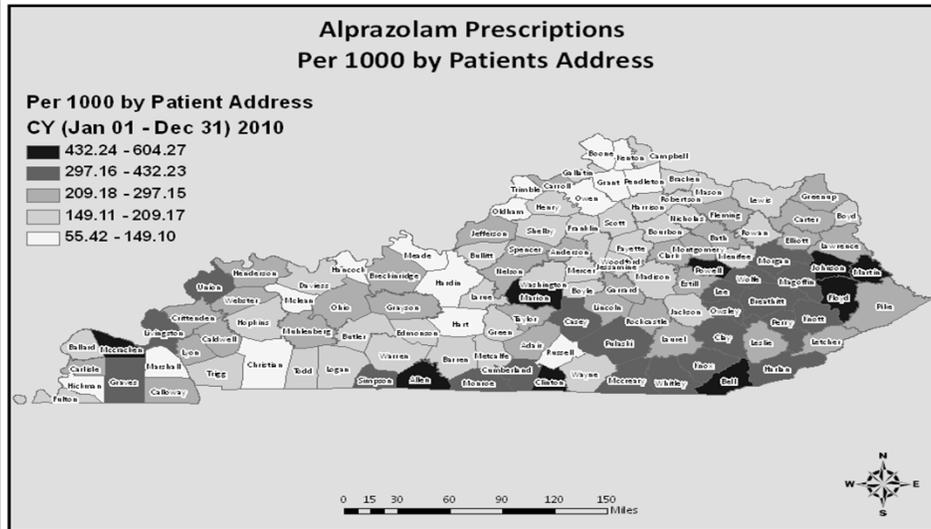
Oxycodone Usage 2010



Alprazolam Prescribing 2010



Alprazolam Usage 2010

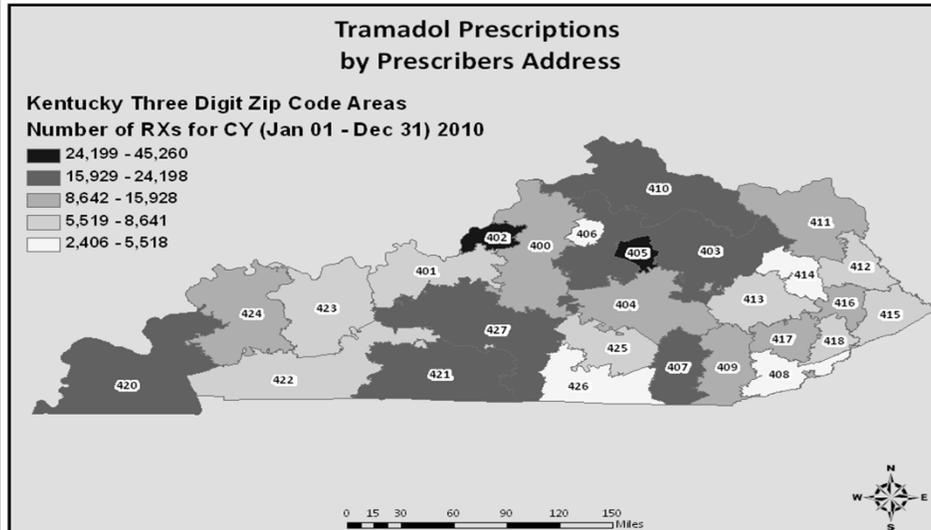


Map created by Phil Rosell, HSSMB

1/11/2011

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Tramadol Prescribing 2010

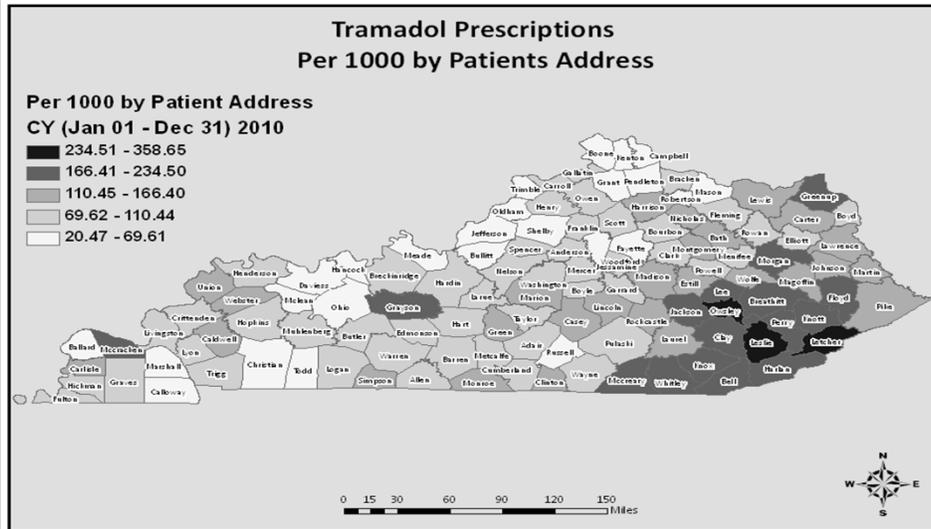


Map created by Phil Rosell, HSSMB

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Tramadol Usage 2010

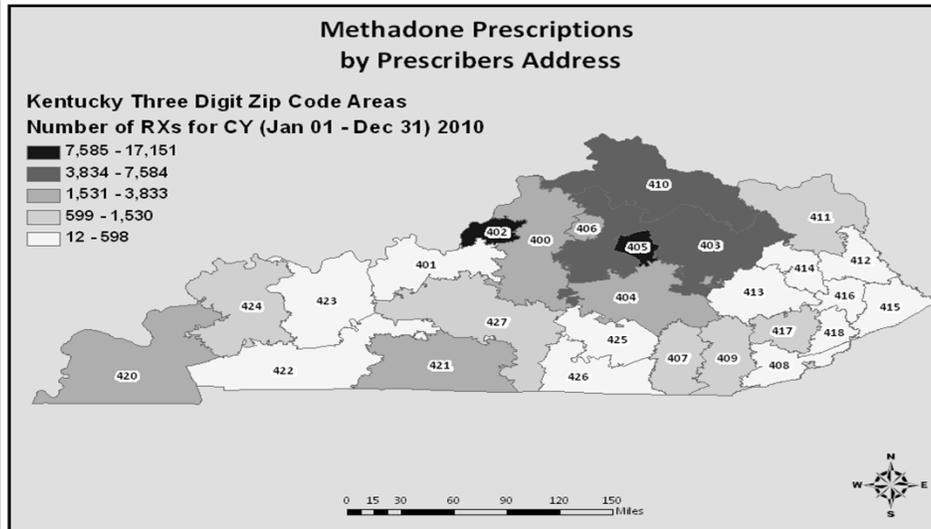


Map created by Phil Rosell, HSSMB

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Methadone Prescribing 2010

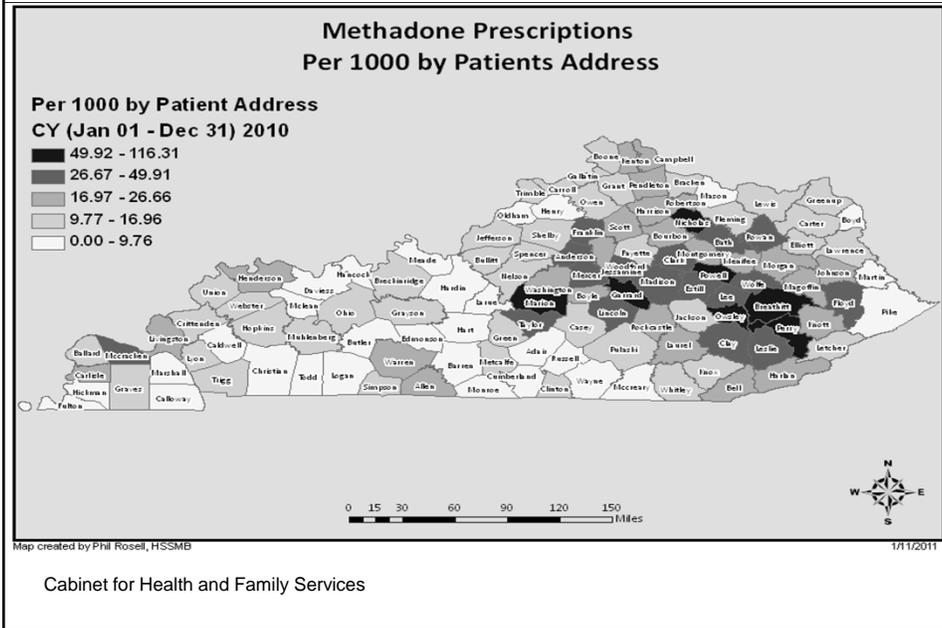


Map created by Phil Rosell, HSSMB

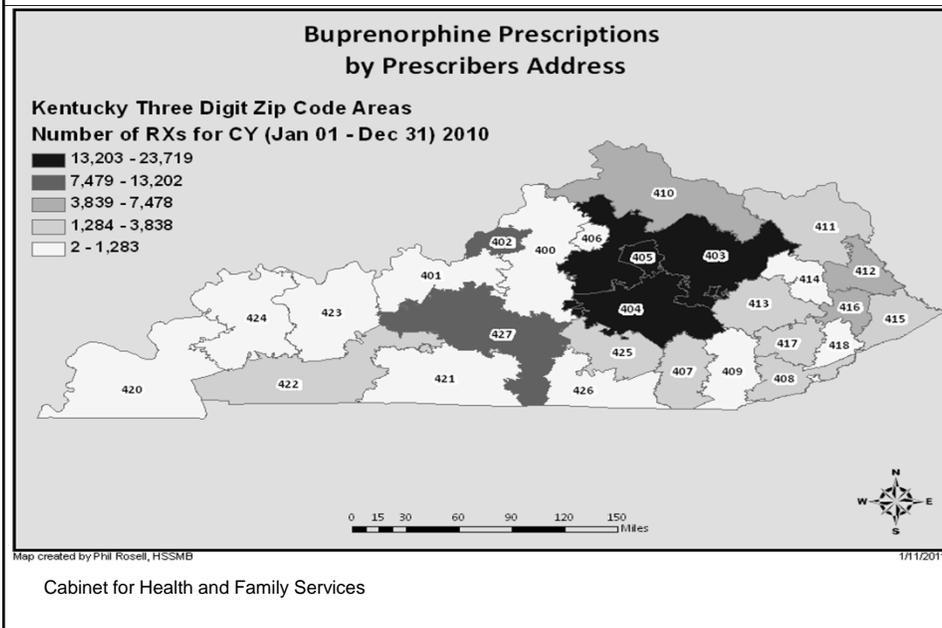
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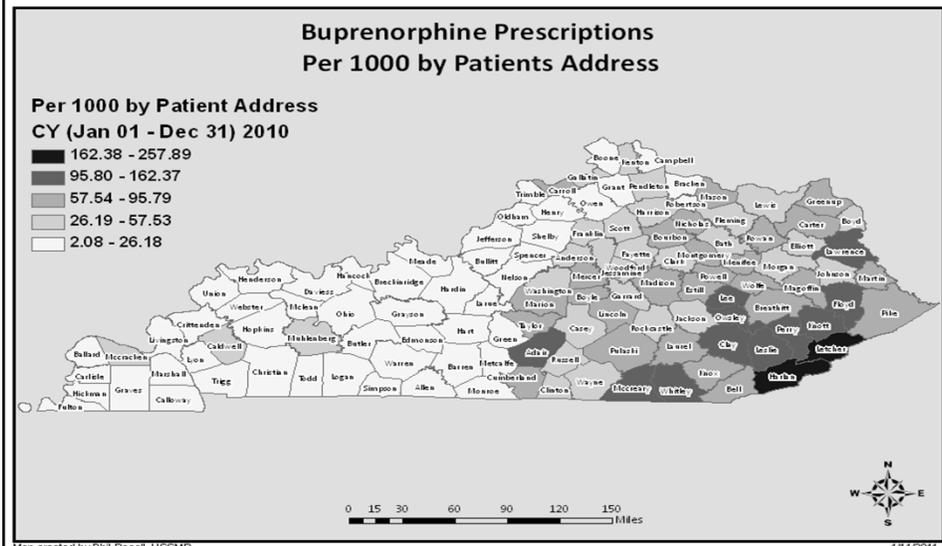
Methadone Usage 2010



Buprenorphine Prescribing 2010



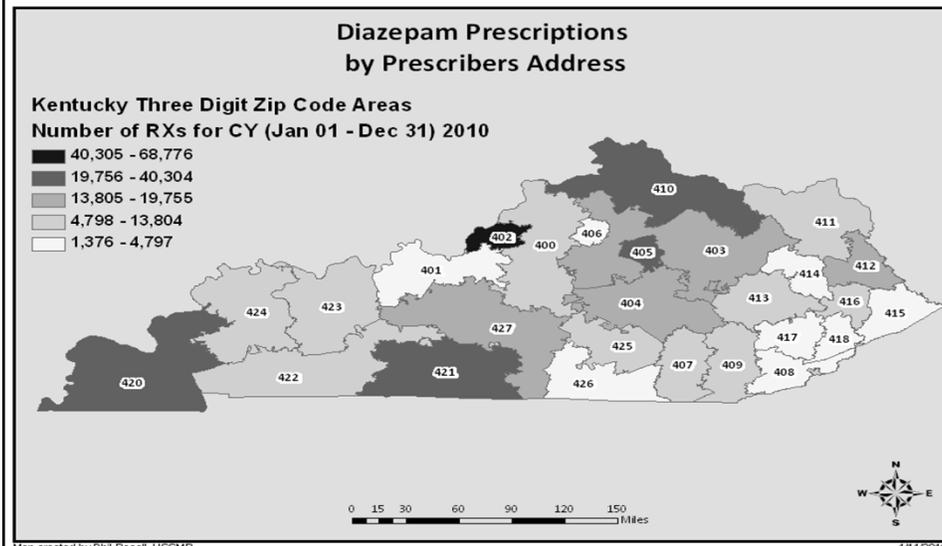
Buprenorphine Usage 2010



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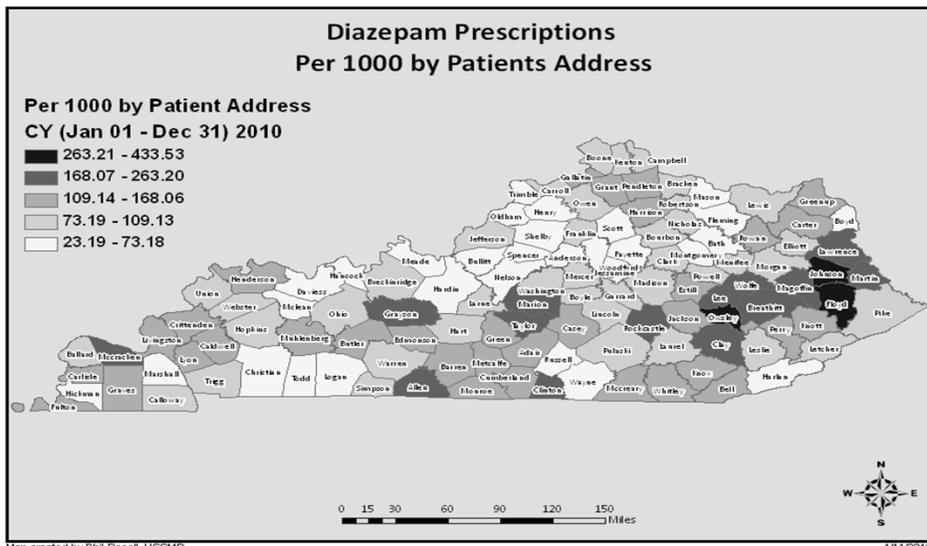
Diazepam Prescribing 2010



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Diazepam Usage 2010



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Cabinet for Health and Family Services

QUESTIONS?

David R. Hopkins
Kentucky Cabinet for Health and Family Services
275 East Main Street, 5ED
Frankfort, KY 40621
502-564-2815 ext. 3162
Dave.Hopkins@ky.gov

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