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KENTUCKY CABINET FOR  
HEALTH AND FAMILY SERVICES

**Kentucky All Schedule Prescription  
Electronic Reporting (KASPER)**

**Adam Mather, Inspector General**

**Budget Review Subcommittee on Human Resources  
October 6, 2021**

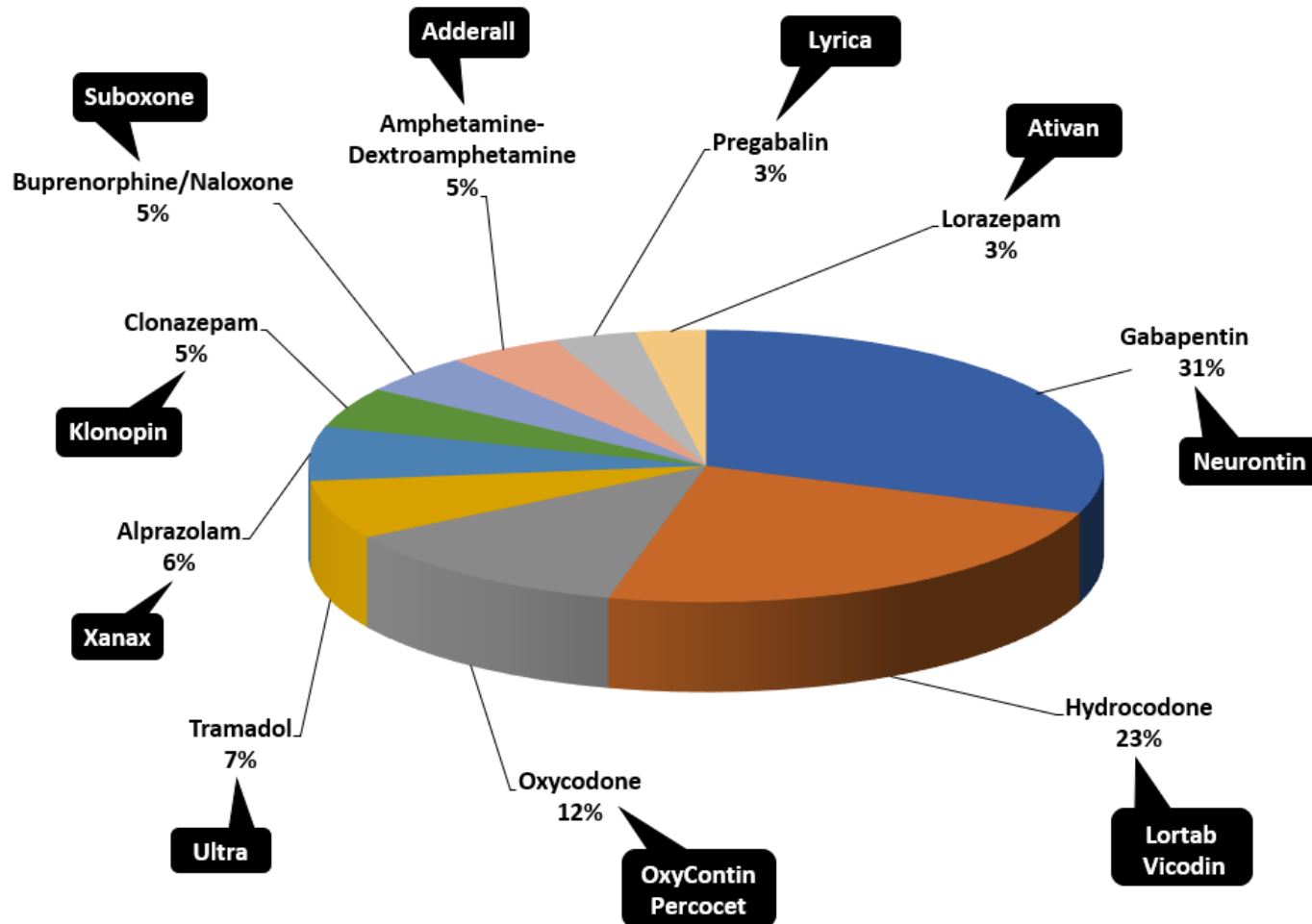
# KASPER

KASPER is Kentucky's Prescription Drug Monitoring Program (PDMP). KASPER tracks Schedule II-V controlled substance prescriptions dispensed within the state as reported by pharmacies and other dispensers, and provides a tool to help address the misuse, abuse, and diversion of controlled pharmaceutical substances.

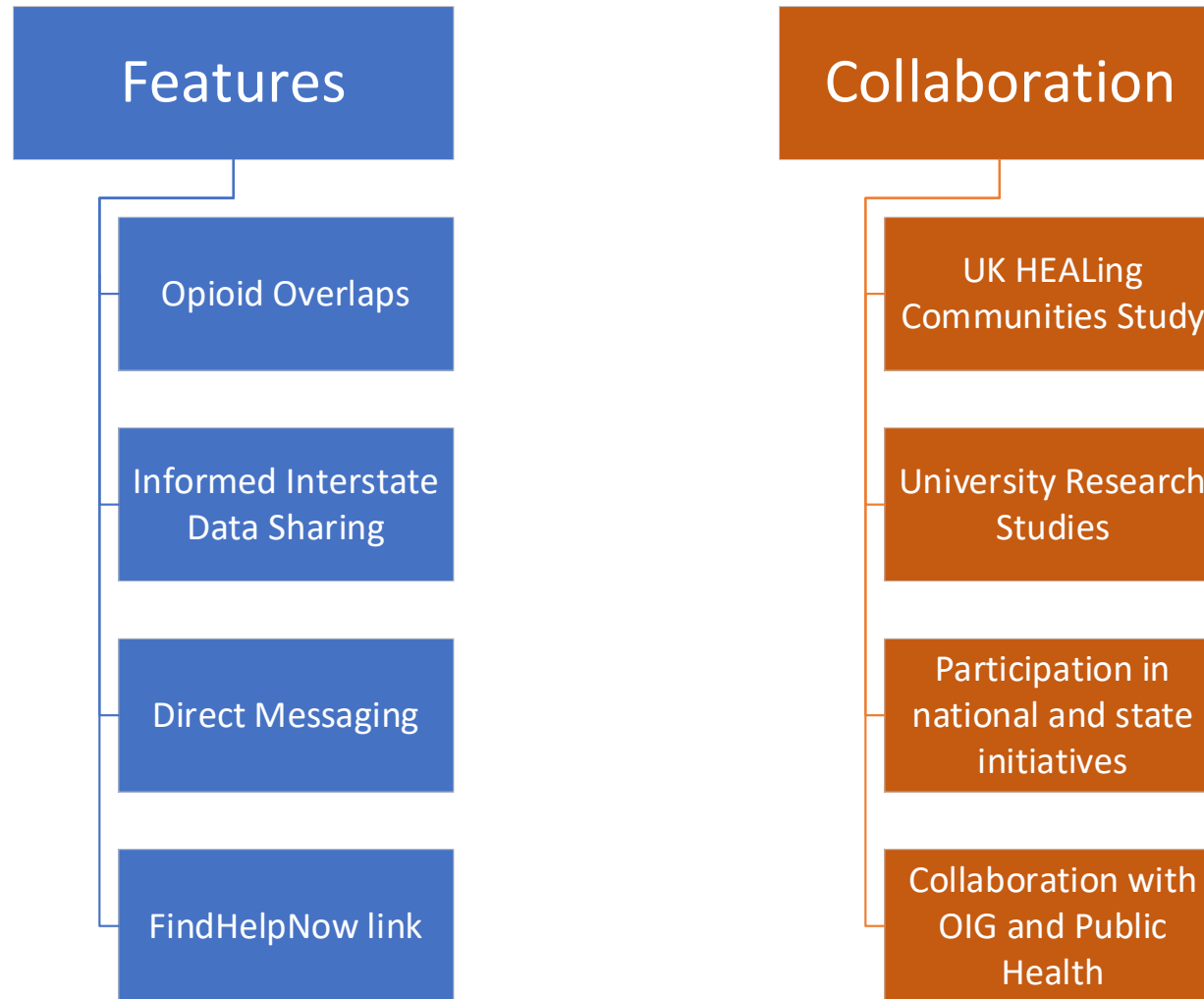
# KASPER Operations: SFY 2021

- Over 10.5 million controlled substance prescriptions reported to the system
- Over 36.4 million report/data requests processed
- KASPER data updated within 1 to 2 days
  - Dispensers have 1 business day to report
- Reports available to authorized individuals
  - Available via web typically within seconds
  - Available 24/7 from any computer with web access

# Top Prescribed Controlled Substances by Therapeutic Category Based on Number of Doses – CY 2020



# KASPER Features and Collaborations



# KASPER Features

Enhancement	Description	Status
Opioid Overlaps	Identifies overlapping opioid prescriptions; potential risk for abuse and misuse	Phase 1: Prescriber Report Card – Complete Phase 2: Patient Report – In Development
Informed Interstate Data Sharing*	Algorithm suggests other state PMDP systems to request patient Rx records	Complete
Direct Messaging*	Secure message portal to reach KASPER users with information about stolen prescription pads, doctor shopping, etc. by OIG, DEA, and KSP	Complete
FindHelpNow link	Shown on every patient report to direct prescribers to treatment resources	Complete

\*Funded through Hal Rogers grants

# Research Collaborations

## University of Kentucky

- *Kentucky Injury Prevention and Research Center (KIRPC) – Surveillance of fatal overdose and prescription history\**
- *weTEST – Institute for Pharmaceutical Outcomes & Policy - Wastewater Epidemiology to Study Stimulant Trends\**

## St. Elizabeth Hospital

- *Decreasing rate of new persistent postpartum opioid used in opioid naïve parturient*

## University of Michigan

- *Stephen M. Ross School of Business – How do opioid prescribing policies affect buprenorphine use\**

## Yale University

- *MOHRE Project – Strengthening Systems of Care for People Living with HIV and Opioid Use Disorder*

## National Emerging Threats Initiative (NETI)

- *Identification of National Emerging Drug Threats with High Intensity Drug Trafficking Areas (HIDTA)*

## Department of Public Health – Division of Maternal and Child Health

- *Neonatal Abstinence Syndrome (NAS) incidence and Medication Assisted Treatment (MAT) Compliance\**

*\* indicates research projects currently in progress*

# KASPER Modernization: Goals

- Originally built in 2005, KASPER has undergone numerous enhancements and modifications
- Goals for KASPER modernization
  - Improvements to screen design and usability
  - Improved ease of maintenance
  - Additional enhancements and features
  - Improved performance



# KASPER Modernization: Funding

- Funding streams include:
  - Centers for Medicare & Medicaid Services (CMS) funding at \$2 million with 90/10 federal/state match
  - Hal Rogers grant funding for past 3 federal fiscal years at approximately \$2,831,939
- Both funding sources require regular updates to show progress made toward project objectives

# KASPER Modernization: Progress

- OIG in partnership with team of developers, business analysts, and a project manager successfully engaged in development activities
- Regular progress demonstrations held of working software showing screens for Annual Reminders, Patient Request Reports and Status of Request, NDC Maintenance, and Pharmacy Maintenance
- Planned implementation: summer 2022

# KASPER RFP

- 2020 and 2021 budget bills required issuance of an RFP by 10/1/21
  - To determine if a vendor can provide a best-practices PDMP system meeting stated requirements
- On March 11, 2021 CHFS issued an RFP to solicit vendor proposals
- RFP closed on May 12, 2021

# Speakers

- Dr. Connie White, Deputy Commissioner for Clinical Services, Department for Public Health
- Van Ingram, Executive Director, Office of Drug Control Policy
- Dr. Russell Travis, MD, Travis Neurosurgical Consulting