Strategies and Updates of the Kentucky Opioid Response Effort (KORE) and the Statewide Opioid Stewardship Program KYSOS

2020 KHA Quality Conference

KORE
KENTUCKY OPIOID RESPONSE EFFORT

KY SOS
Statewide Opioid Stewardship

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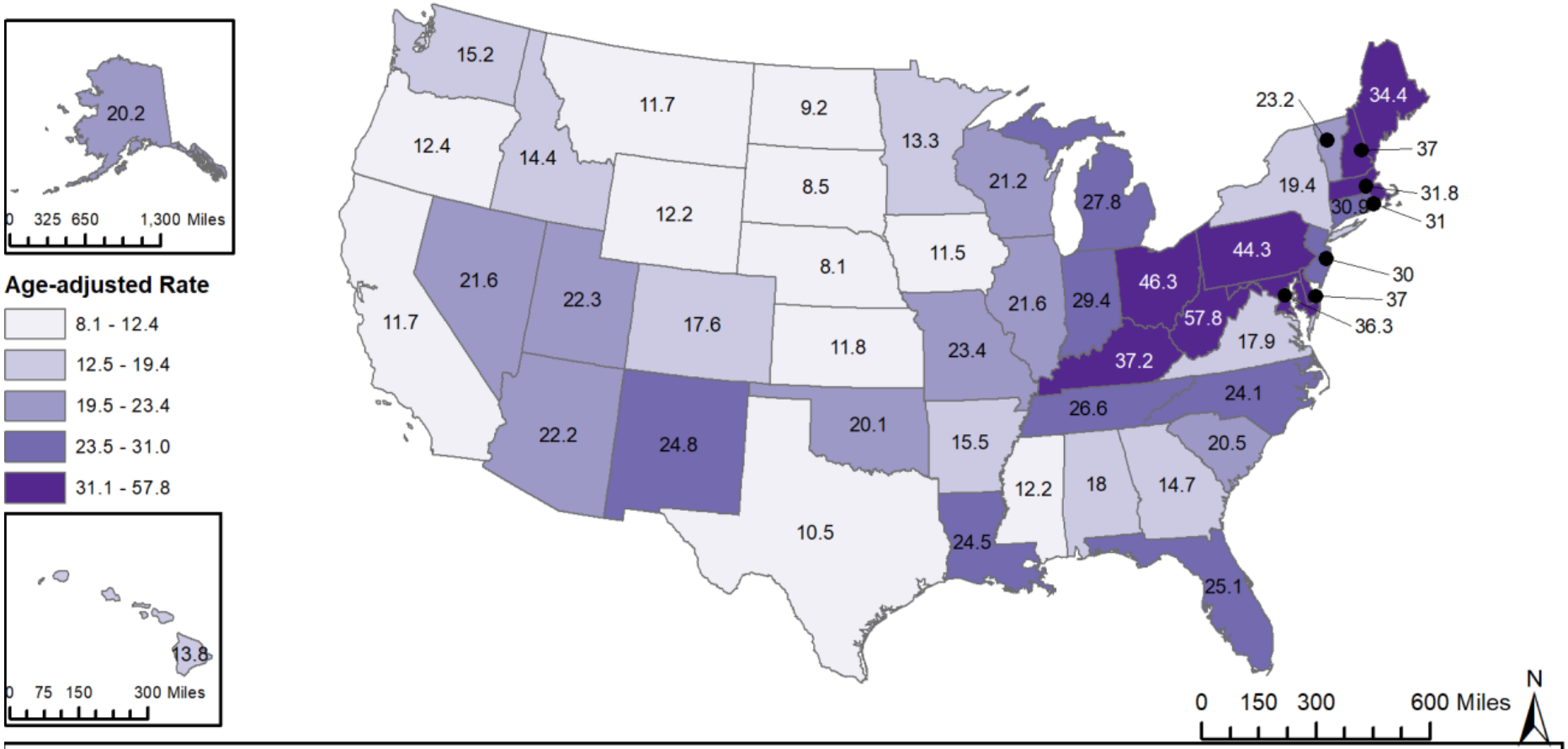
University of Kentucky

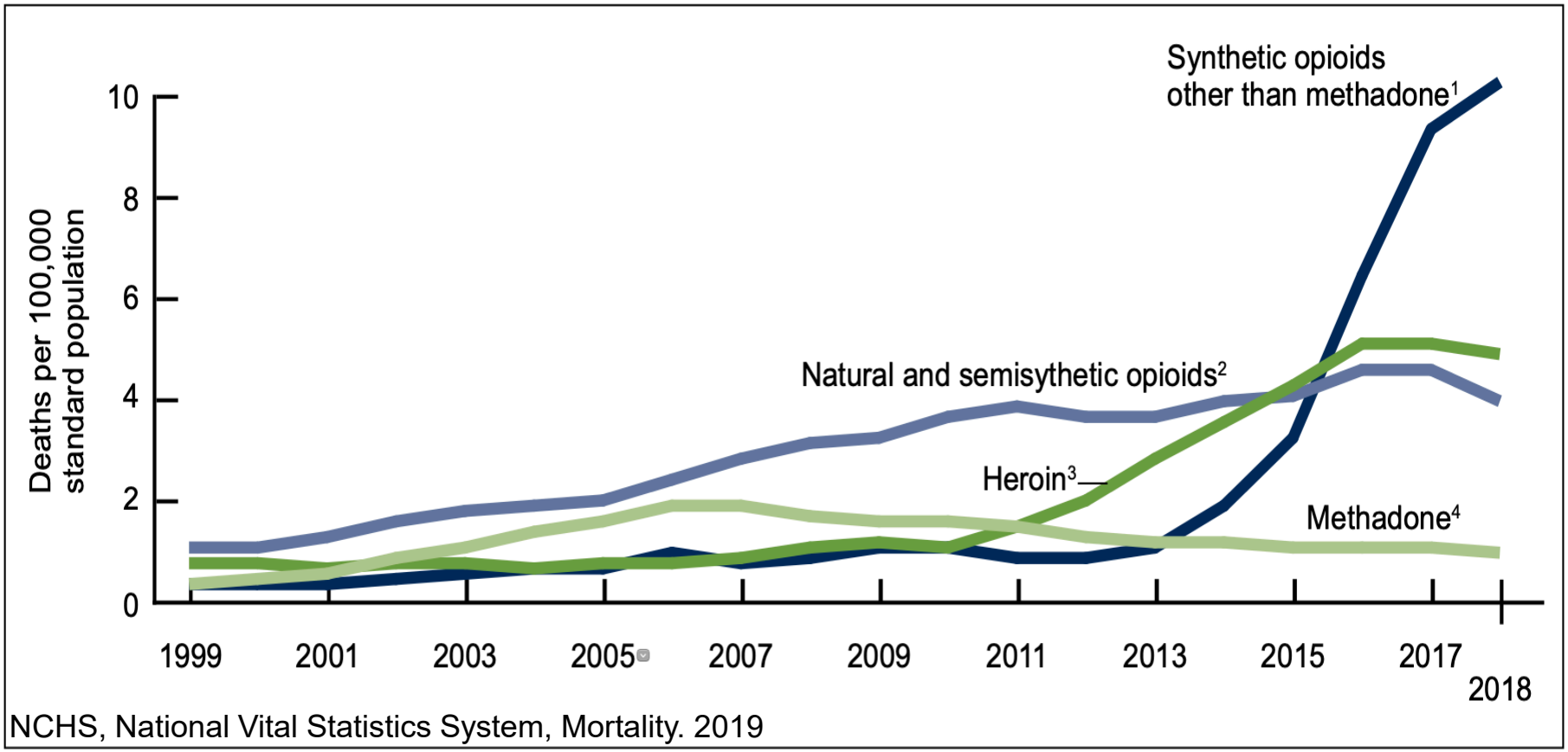
CHFS
Cabinet for Health and Family Services

Figure 1: Age-adjusted Drug Overdose Mortality Rates by State, 2017



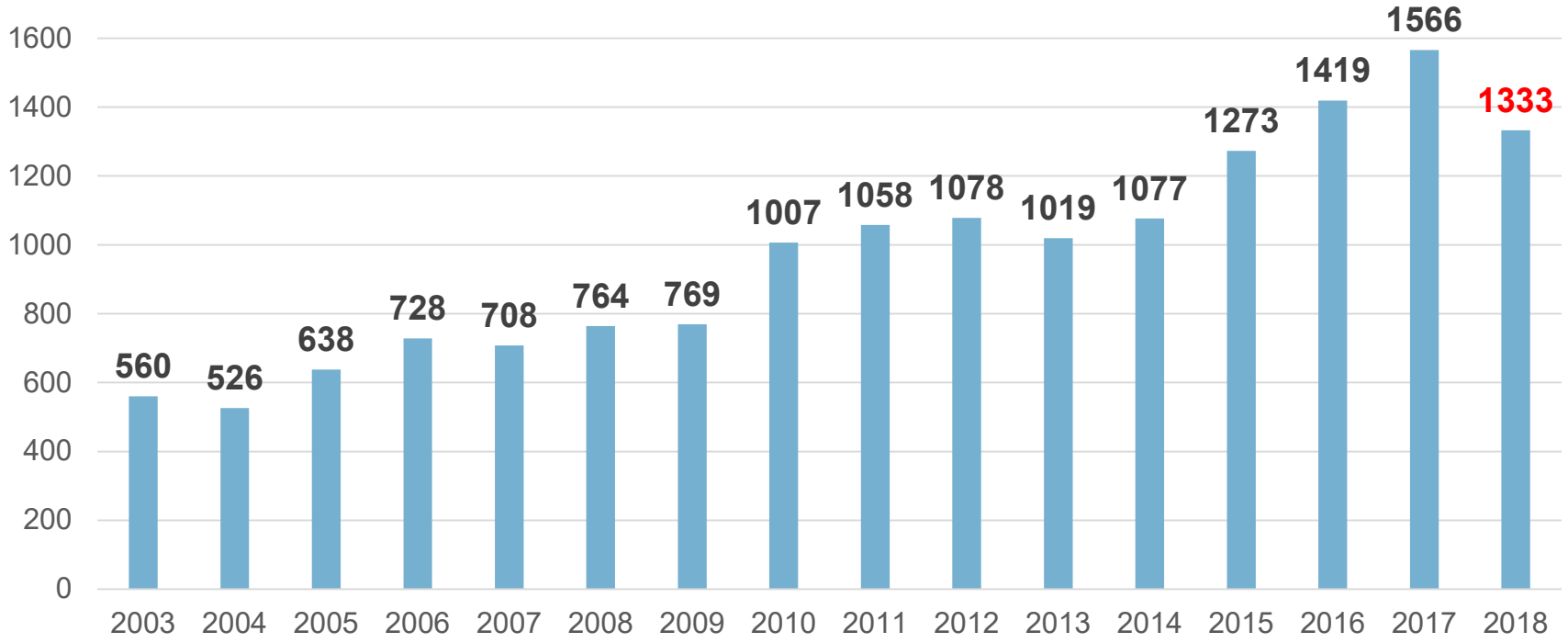
Produced by the Kentucky Injury Prevention and Research Center (KIPRC), a bona fide agent for the Kentucky Department for Public Health, Dec 2018. Data sources: Centers for Disease Control and Prevention, National Center for Health Statistics. Multiple Cause of Death 1999-2017 on CDC WONDER Online Database, released December, 2018. Data are from the Multiple Cause of Death Files, 1999-2017, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at http://wonder.cdc.gov/mcd-icd10.htmlon Dec, 2018. Data are provisional and subject to change.

Age-adjusted drug overdose death rates involving opioids: United States, 1999 - 2018

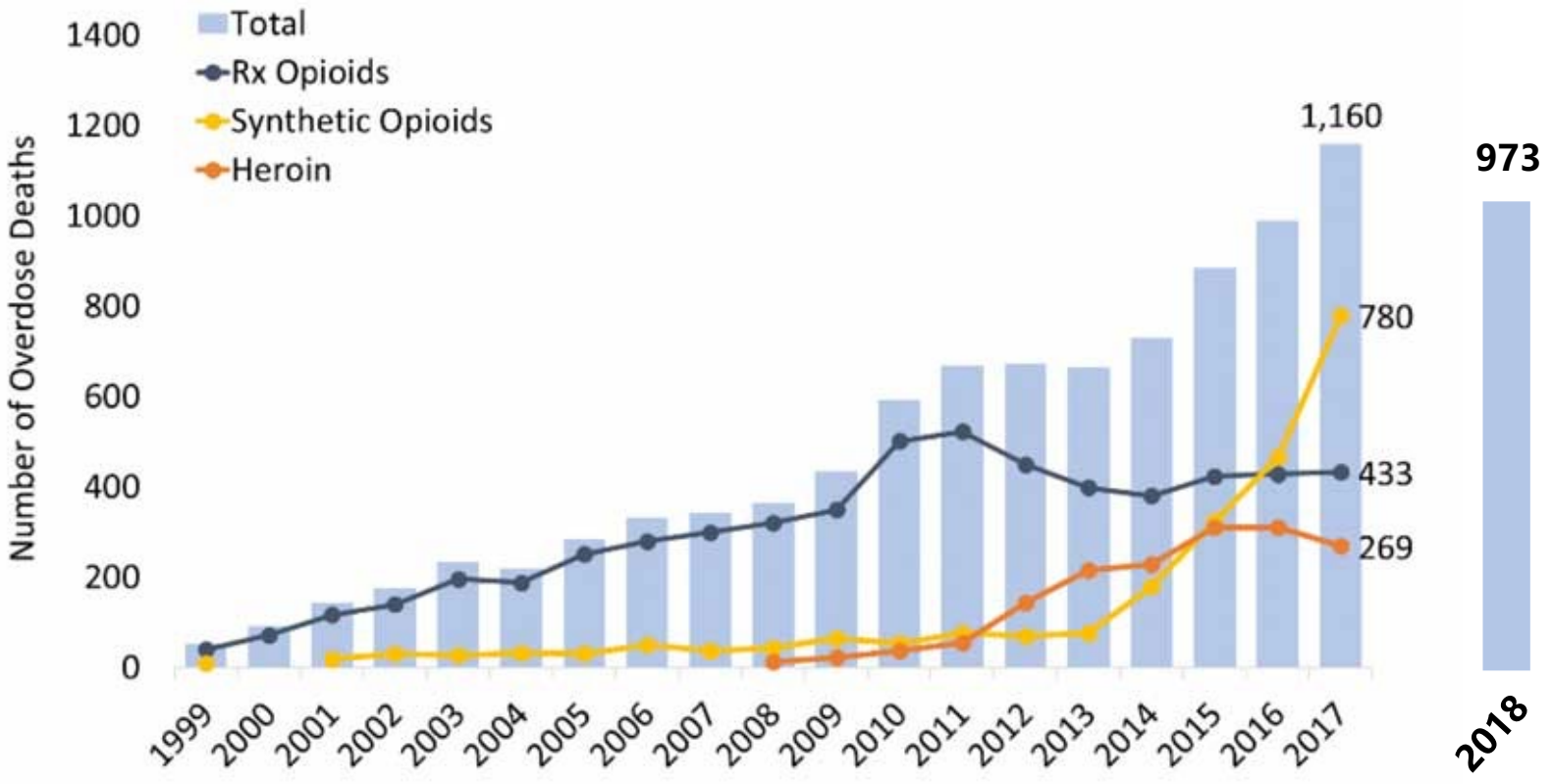


NCHS, National Vital Statistics System, Mortality. 2019

KENTUCKY OVERDOSE DEATHS



Number of opioid-related overdose deaths in Kentucky



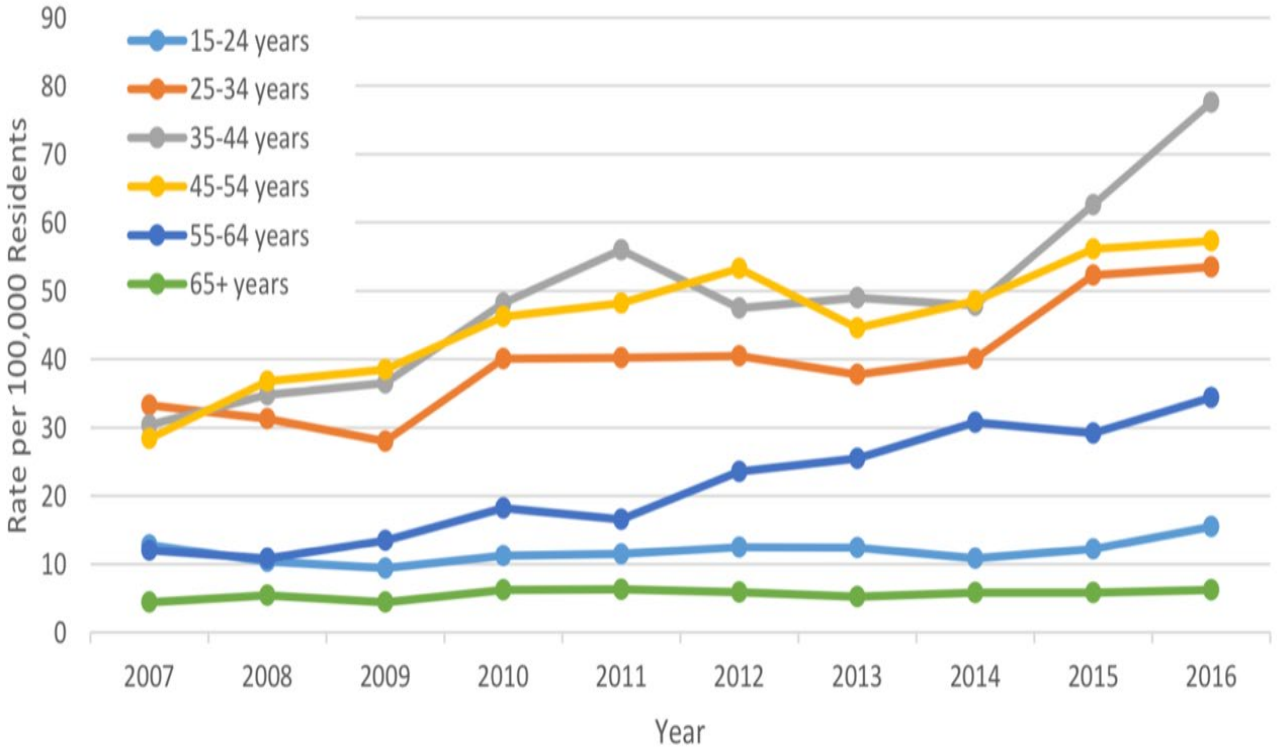
CDC, WONDER. 2018; KIPRC, 2019

AGE-ADJUSTED OVERDOSE DEATH RATE

State	2017		2018		Percent change in rate
	Deaths	Rate	Deaths	Rate	
West Virginia	974	57.8	856	51.5	-10.90
Ohio	5,111	46.3	3,980	35.8	-22.46
Pennsylvania	5,388	44.3	4,415	36.1	-18.51
Washington, DC	310	44.0	254	3.54	-19.55
Kentucky	1,566	37.2	1,315	30.9	-16.94
New Hampshire	467	37.0	452	35.8	-3.24
Delaware	338	37.0	401	43.8	+18.38
Maryland	2,247	36.3	2,324	37.2	+2.48
Maine	424	34.4	345	27.9	-18.90
Massachusetts	2,168	31.8	2,241	32.8	+3.14

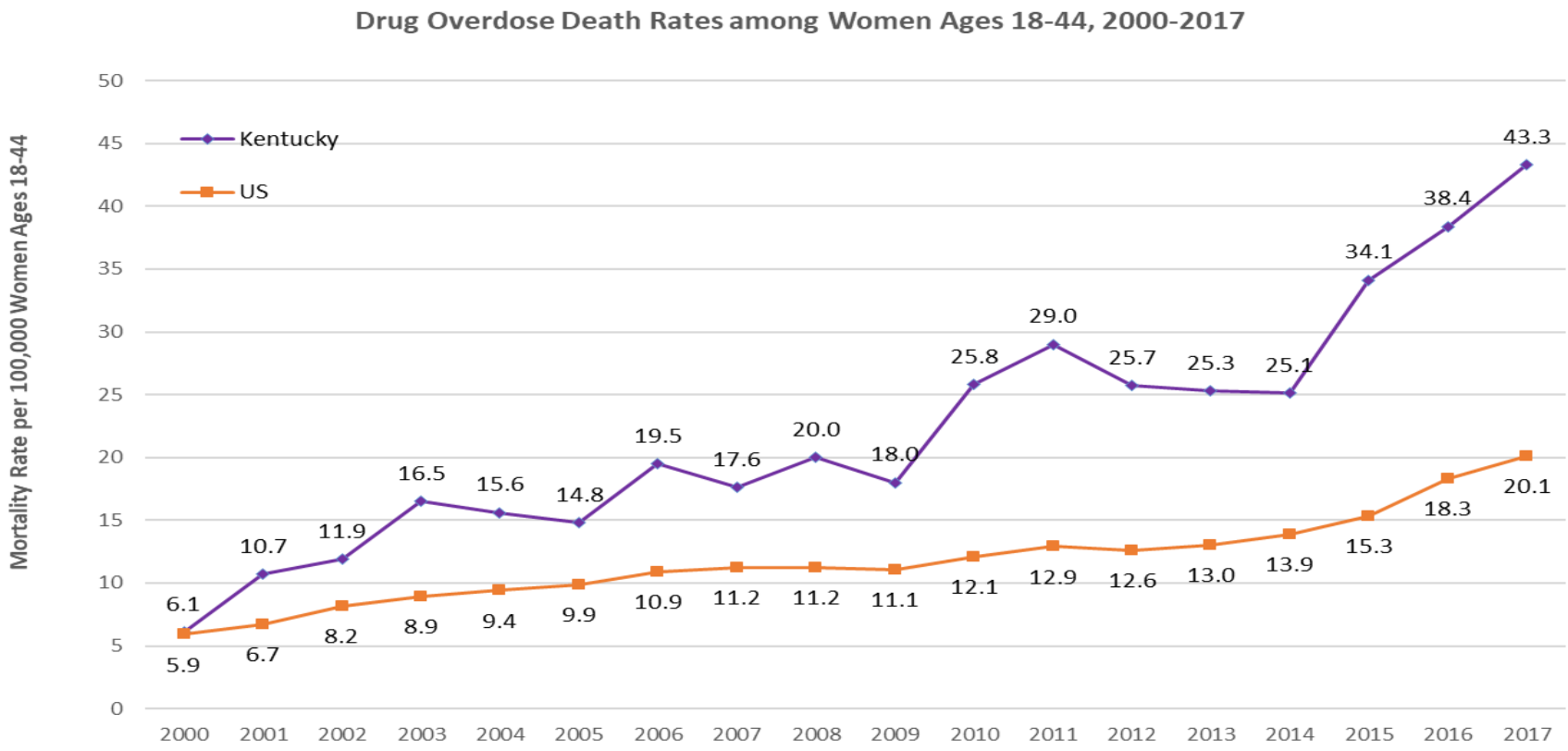
NCHS, National Vital Statistics System, Mortality. 2019

KY DRUG OVERDOSE DEATHS BY AGE



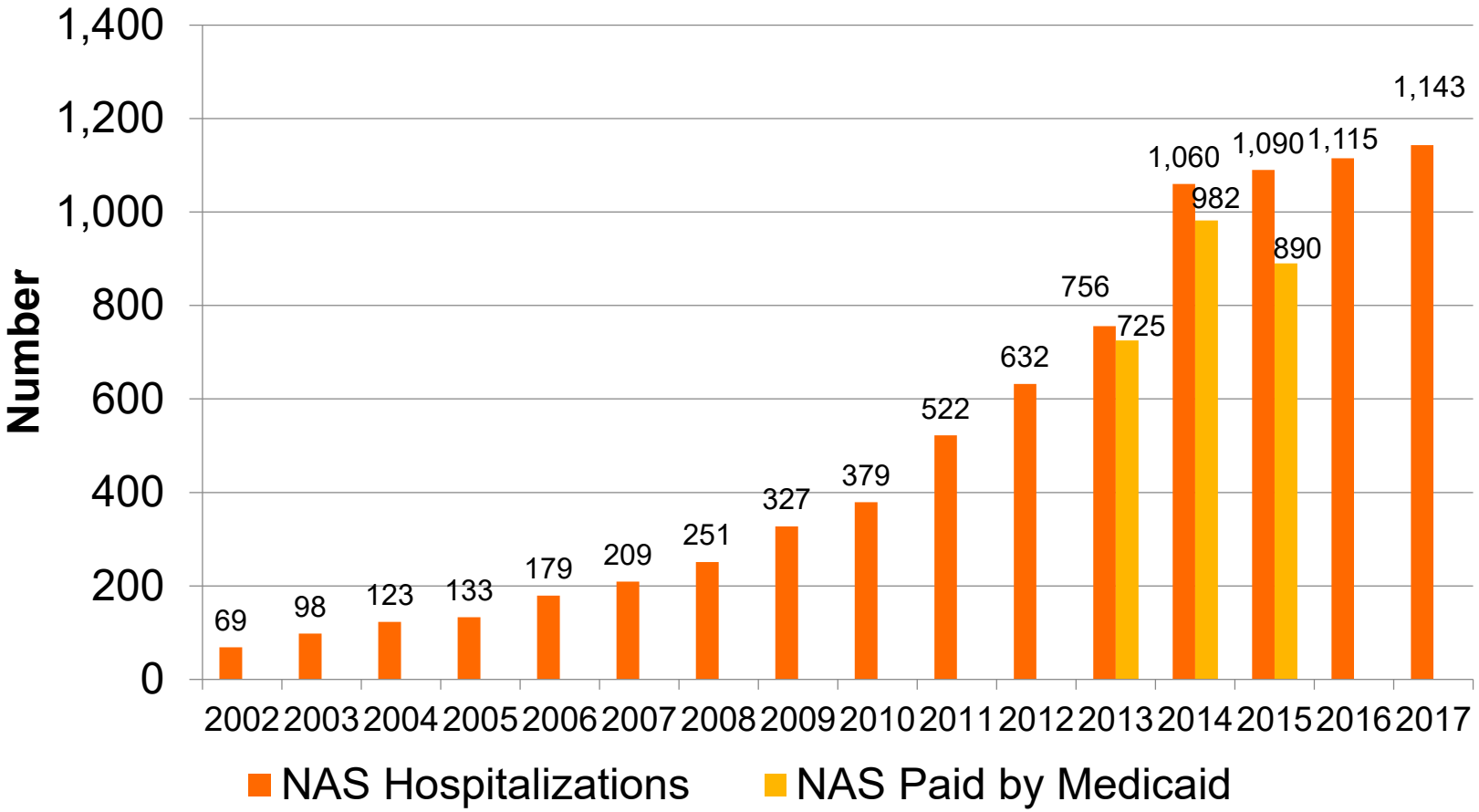
Data source: Drug Overdose Deaths among Kentucky Residents, 2000-2016.
Produced by the Kentucky Injury Prevention Research Center, July 2016.
Data are provisional and subject to change.

Fatal Drug Overdose Rate, Women Ages 18-44



Produced by the Kentucky Injury Prevention and Research Center, July 2019. Data source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2017 on CDC WONDER Online Database, released 2018.

NAS Hospitalizations of Kentucky Newborns

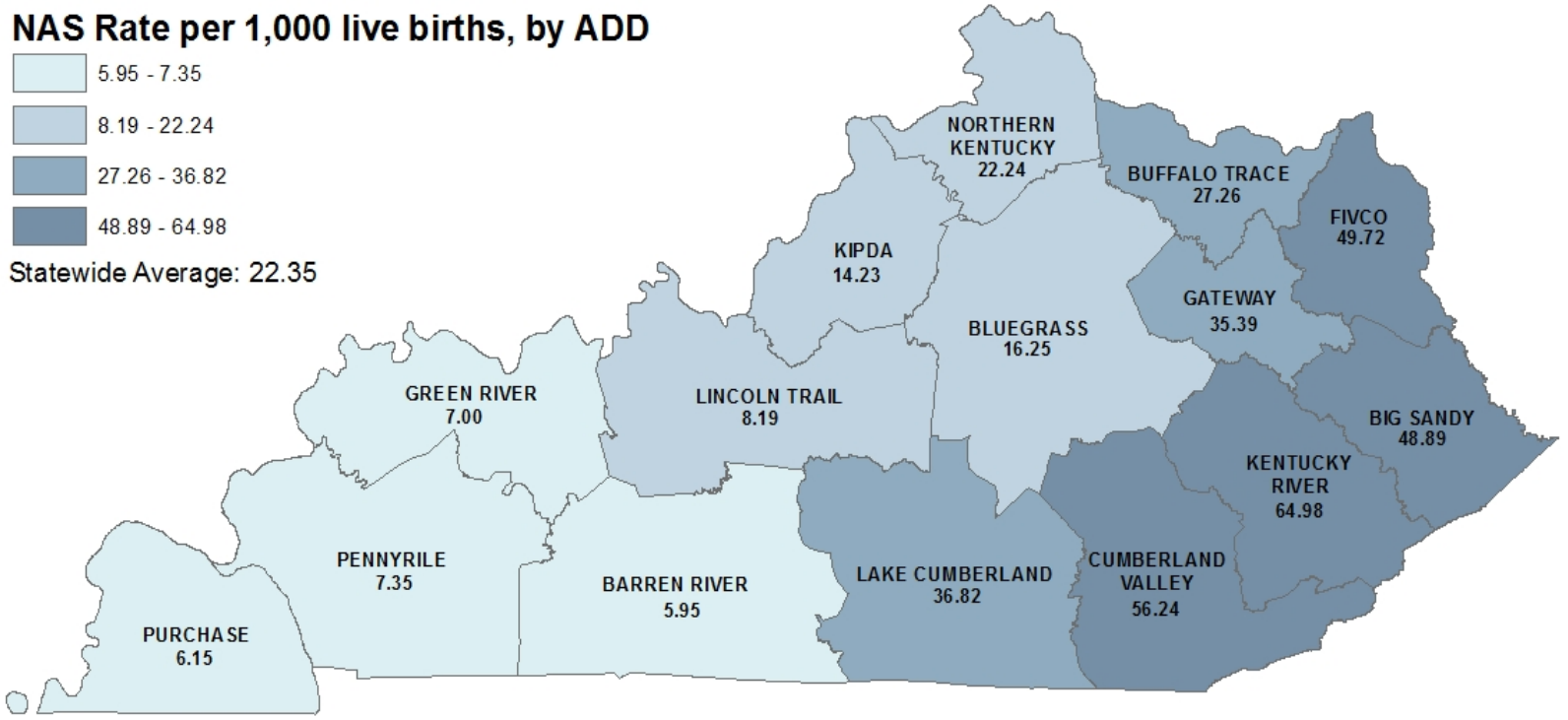


Produced by the Kentucky Injury Prevention and Research Center, May 2016.
Kentucky Inpatient Hospitalization Claims Files, Frankfort, KY, [2000-2015];
Cabinet for Health and Family Services, Office of Health Policy.
Data for 2010-2015 are provisional; therefore these results are subject to change.

NAS Case Definition: Any mention of ICD9CM diagnosis code 779.5 AND any mention
of ICD9CM diagnosis code V3x AND Kentucky resident AND patient's year of birth matches the reporting year
Medicaid data provided by the Department for Medicaid Services and include claims with a diagnosis
code of V30-V39 and 779.5 and for ICD10 P96.1 and Z38

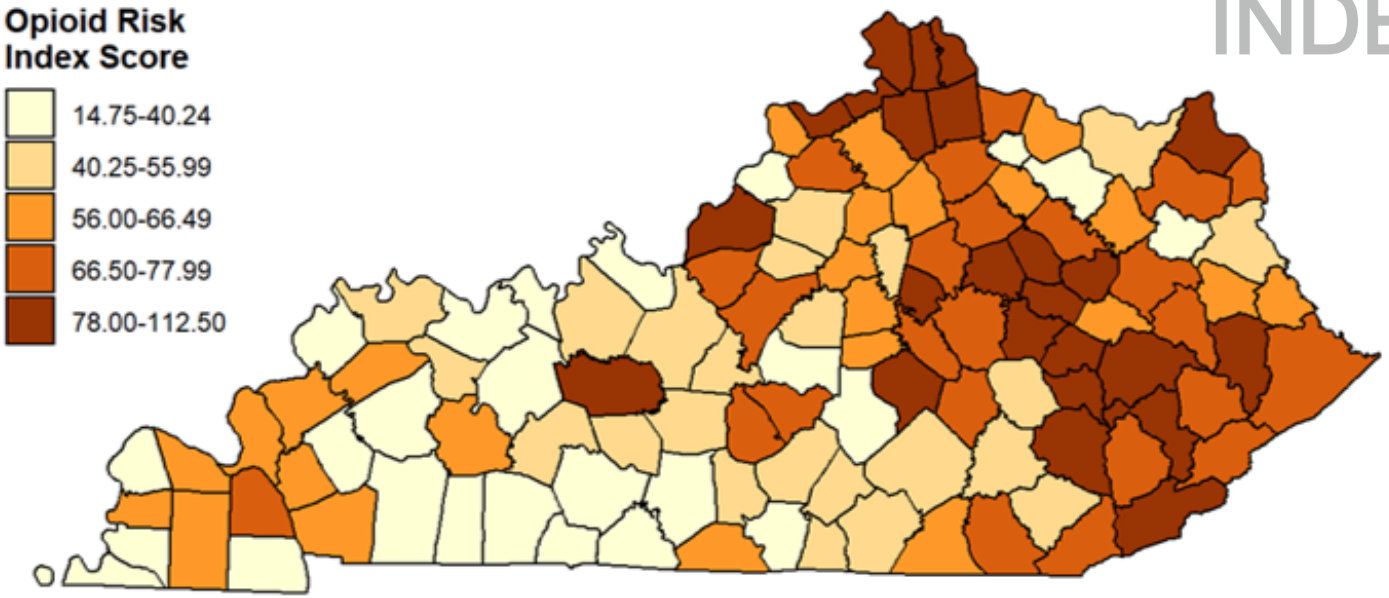
KORE KENTUCKY OPIOID RESPONSE EFFORT

NEONATAL ABSTINENCE SYNDROME, 2017



November 16, 2018
Data Source: Public Health Neonatal Abstinence Syndrome Reporting Registry; Kentucky Certificate of Live Birth,2017
Shapefiles from Kentucky Geography Network
Prepared by Emily Ferrell, MPH CPH

OPIOID RISK INDEX, 2018



- Fatal opioid overdoses
- Opioid-related overdose ED visits
- Opioid overdose hospitalizations
- MME ≥ 100

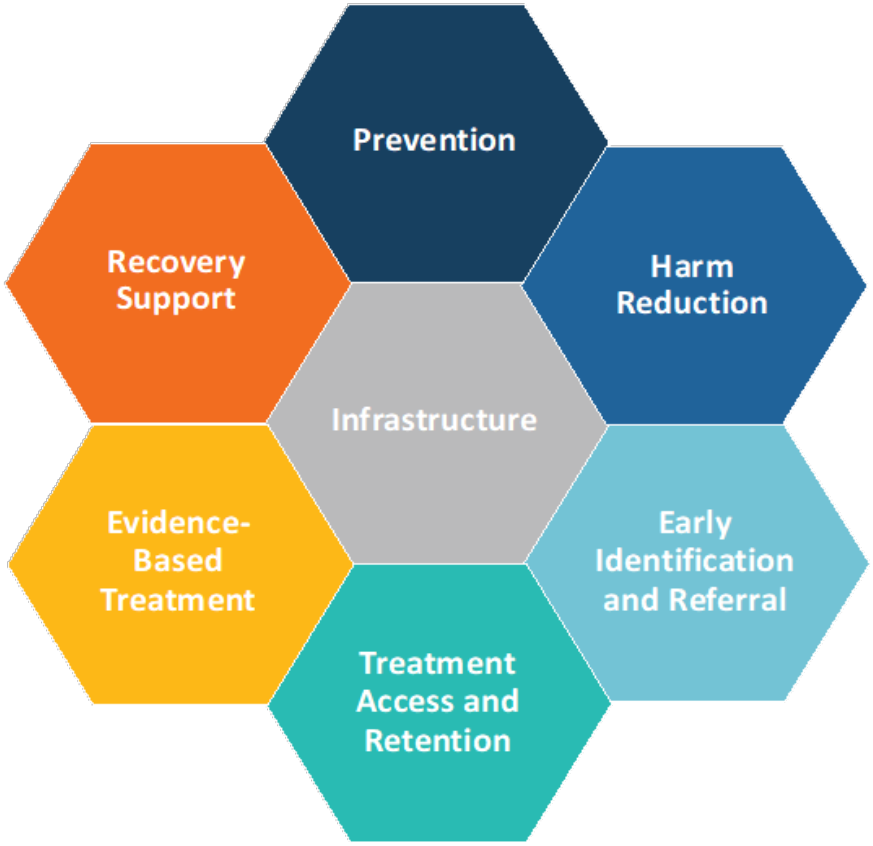
Data sources: This report was produced using Kentucky Inpatient and Outpatient Hospitalization Claims Files, Frankfort, KY; Cabinet for Health and Family Services, Office of Health Data and Analytics; Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services; Kentucky All Schedule Prescription Electronic Reporting, Kentucky Office of Inspector General, Cabinet for Health and Family Services. Data are provisional and subject to change.

Consequences

- Record number of children in out of home care
- Record rates of incarceration in state and local jails
- Highest number of children with one or more parents incarcerated in the country
- Highest rates of woman incarcerated in the country
- Record Healthcare costs for associated medical conditions
- Decreased life expectancy
- Economic impact on recruiting and retaining employers

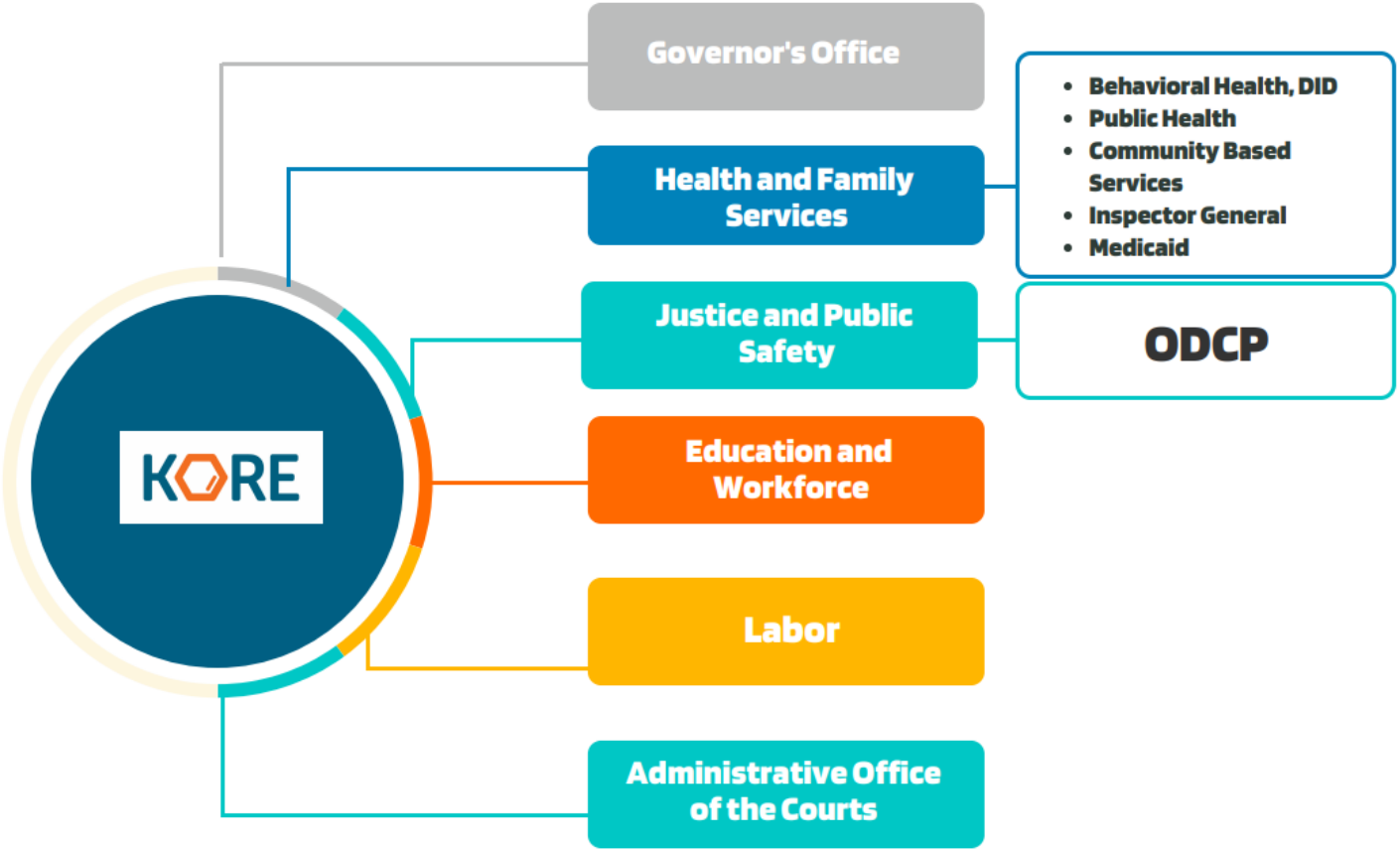
Kentucky Opioid Response Effort (KORE)

KORE
KENTUCKY OPIOID RESPONSE EFFORT

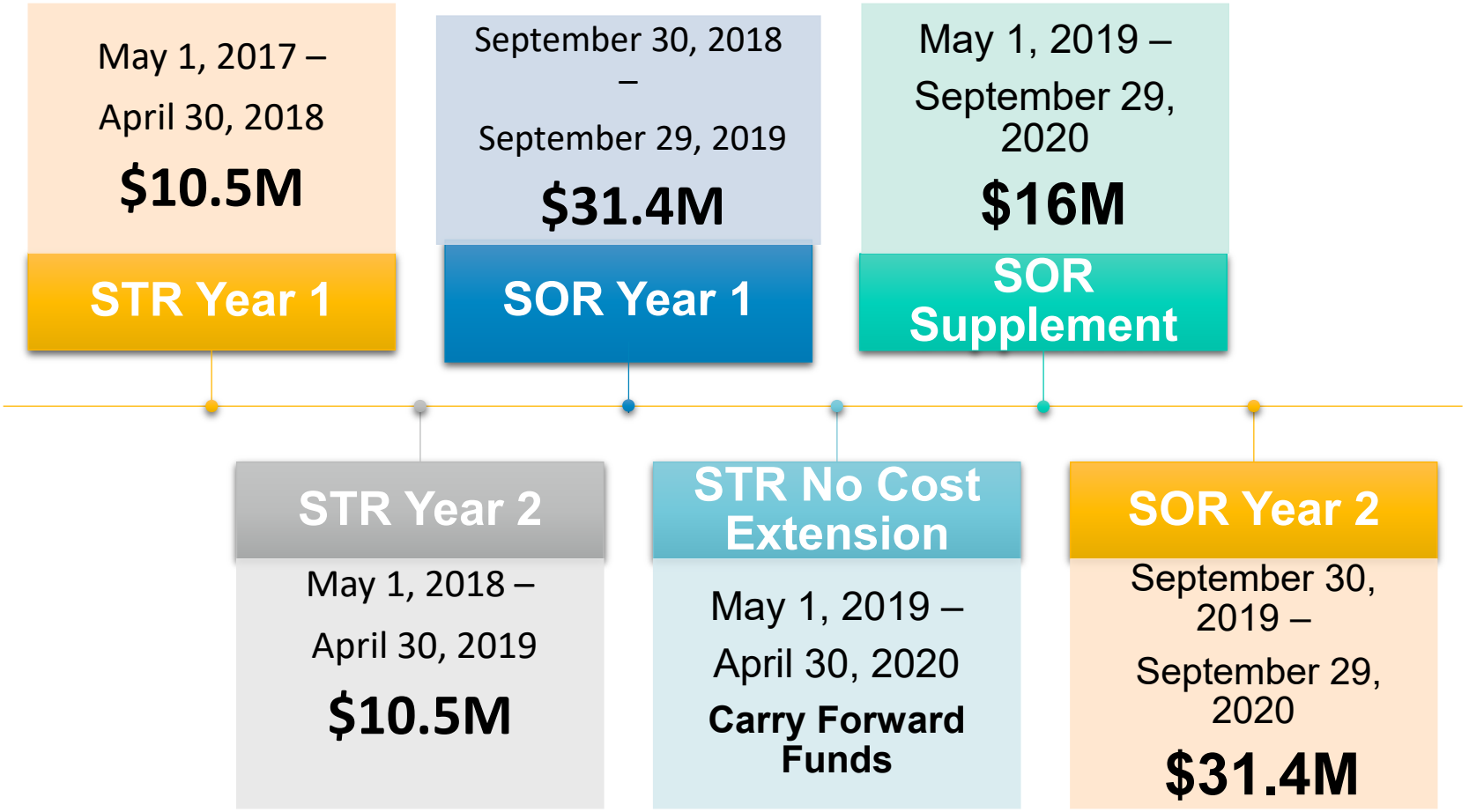


Guided by the Recovery-Oriented Systems of Care Framework, the purpose of KORE is to implement a comprehensive targeted response to Kentucky's opioid crisis by expanding access to a full continuum of high quality, evidence-based opioid prevention, treatment, recovery support services.

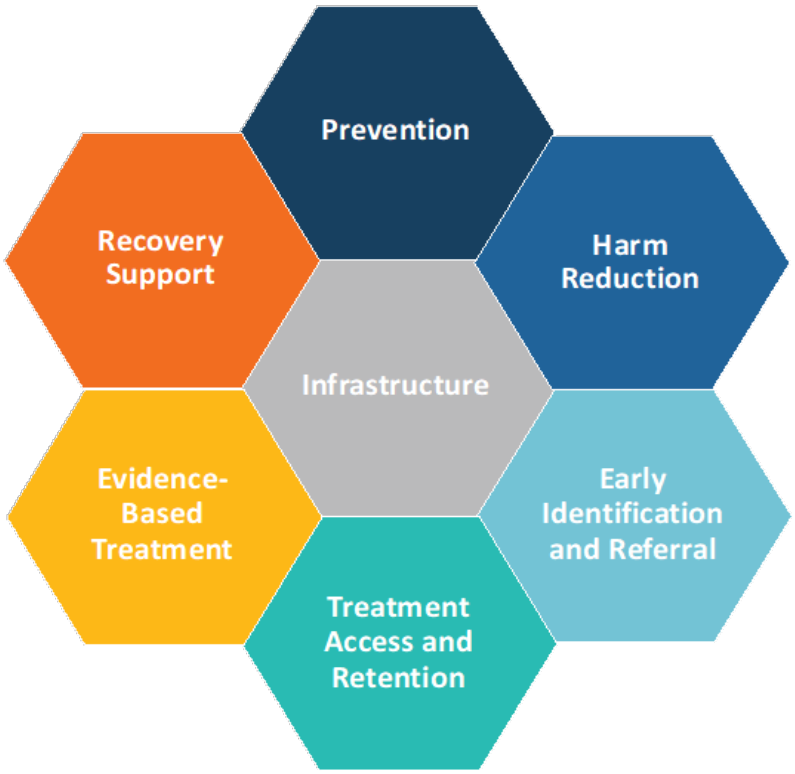
INTERAGENCY PARTNERS

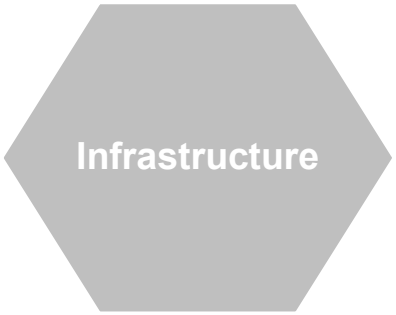


Timeline and Funding



INFRASTRUCTURE





INFRASTRUCTURE TARGETS

Specific Trainings

DATA Waiver trainings

ASAM Multidimensional Assessment training

Recovery Management Checkups

Peer Support Specialists and Supervisor trainings

Standardized OUD training

Hazelden Betty Ford Foundation

ORN Faith-Based Community training

HealthDoers

Communications

Justice System Trainings

Responsive Education to Support Treatment in Opioid Recovery Efforts (RESTORE)

- Summits in Supreme Court and and Court of Appeals Districts
- Topics include: Science of Addiction, Evidence-based Treatment, MOUD, Treatment Access, Trauma, Stigma, ROSC

Summer Summits (5)	
Juvenile Services	135
Judges/Justices	48
Circuit Clerks	10
Specialty Courts	43
Pretrial Services	24
Other	67
TOTAL	327

Child Welfare Staff Training

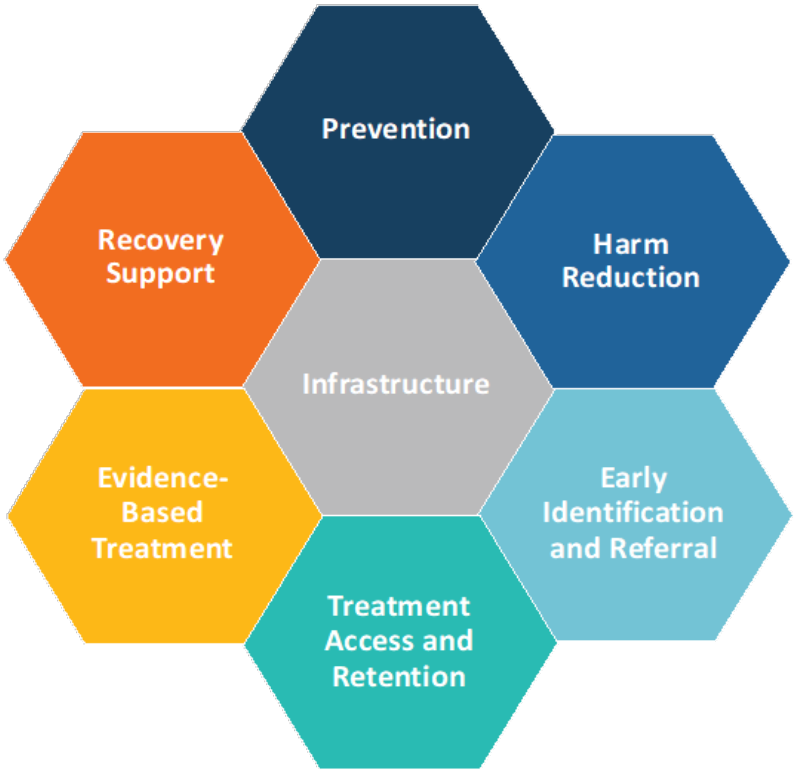
Pre and post assessment of DCBS employees, foster parents, and community partners' perceptions of OUD/SUD

Subject matter expert review of existing DCBS OUD/SUD curriculum and recommendations for improvement

Development and delivery of a web-based training for tenured staff; In-person regional trainings

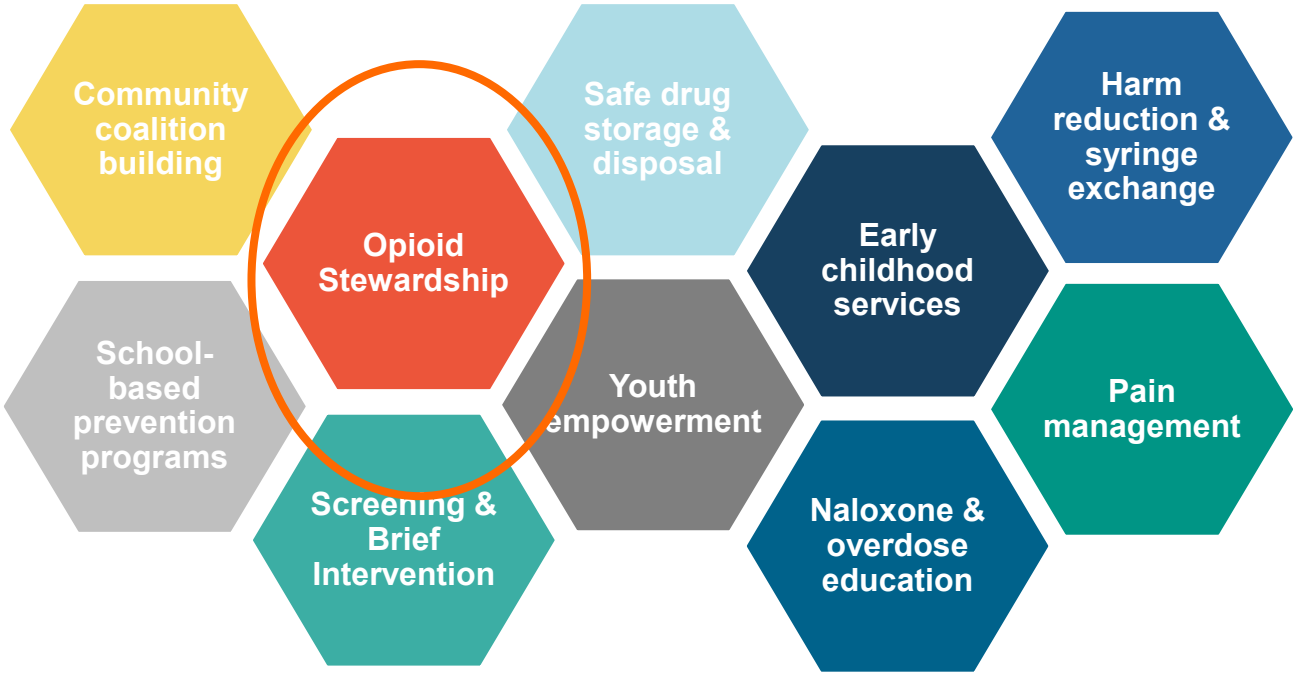
Assessment of DCBS employees, foster parents, and community partners' perceptions of OUD/SUD

PREVENTION


Prevention
Recovery Support
Harm Reduction
Infrastructure
Evidence-Based Treatment
Early Identification and Referral
Treatment Access and Retention

Prevention

PREVENTION TARGETS



Kentucky Hospital Association

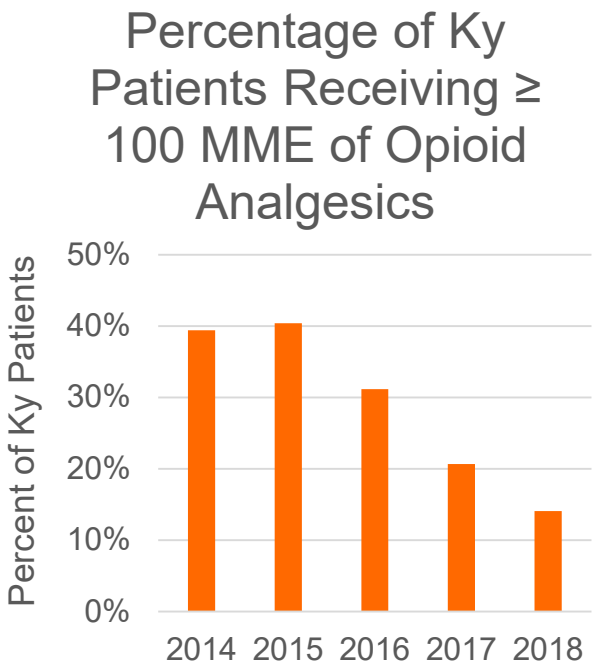
KY SOS

Statewide Opioid Stewardship

KentckySOS.com

KORE KENTUCKY OPIOID RESPONSE EFFORT

OPIOID STEWARDSHIP



- **Collaboration** with health care community, Kentucky Hospital Association

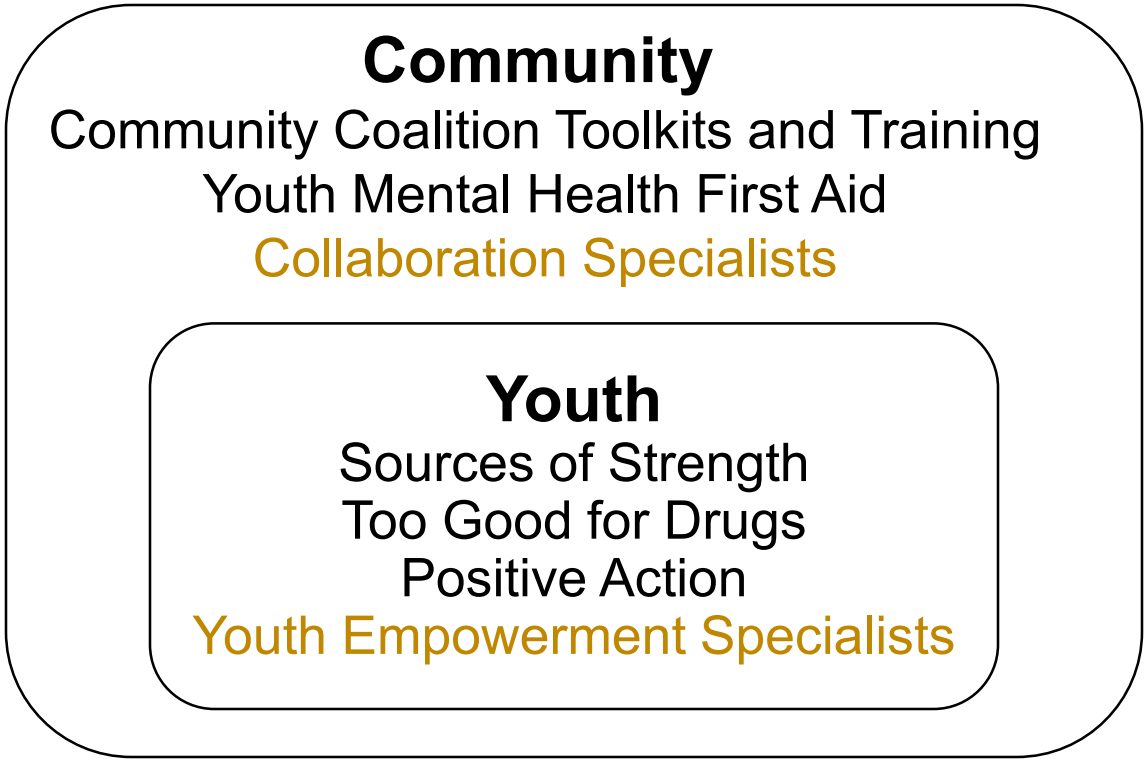
- **Training** and hospital certification to improve prescribing for opioid and non-opioid pain management

- **120** hospital commitments

School and Community-based Prevention

Community Aim - Engage and equip community coalitions and stakeholder agencies to become effectively involved in opioid prevention efforts

Youth Aim – Increase protective factors and decrease risk factors



Capacity Building

Collaboration Specialists

- Build collaboration at the community level to support the completion of the RPC work plan and meet goals of the State Opioid Response (SOR) project

13/14 positions filled

Youth Empowerment

- Empower youth to support the completion of the Regional Prevention Center work plan and meet goals of the State Opioid Response (SOR) project

14/14 positions filled

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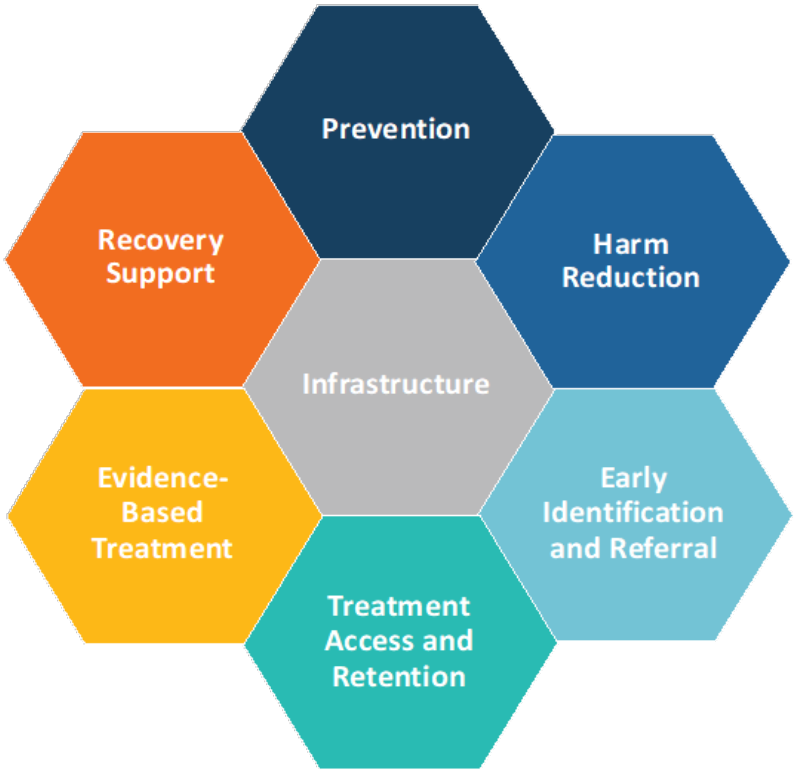
School Based Primary Prevention

Too Good for Drugs	• 150 Schools • 41,000 Students
Sources of Strength	• 78 Schools • 23,400 Students

Tertiary Prevention: Harm Reduction



CHFS
Cabinet for Health and Family Services

NARCAN DISTRIBUTION AND TRAINING

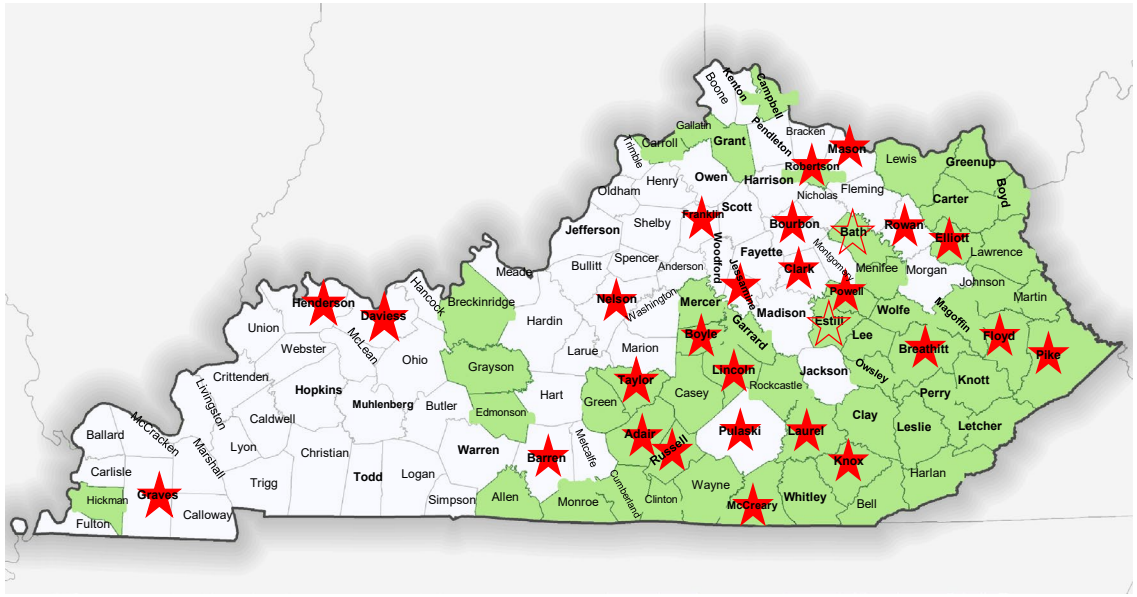
Kentucky Pharmacists Association

Kentucky Public Health
Prevent. Promote. Protect.

30,938
NARCAN
KITS

SYRINGE SERVICE PROGRAM TARGETED EXPANSION

- Stigma reduction
- Recruitment
- Expanded hours of operation
- Staffing capacity
- Treatment linkage
- Peer support



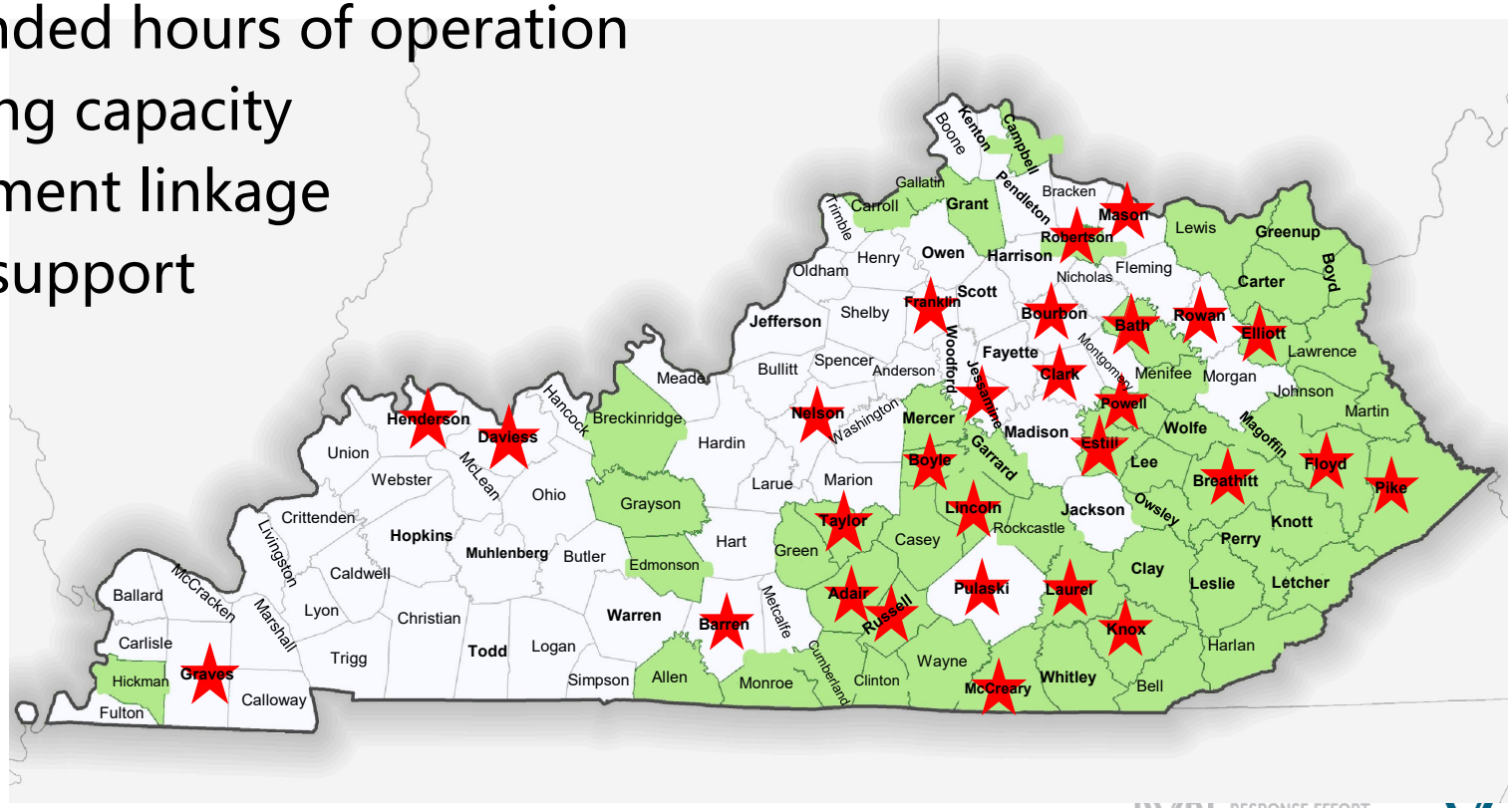
Narcan Distribution and Overdose Prevention Training

- Kentucky Department for Public Health and Kentucky Pharmacists Association

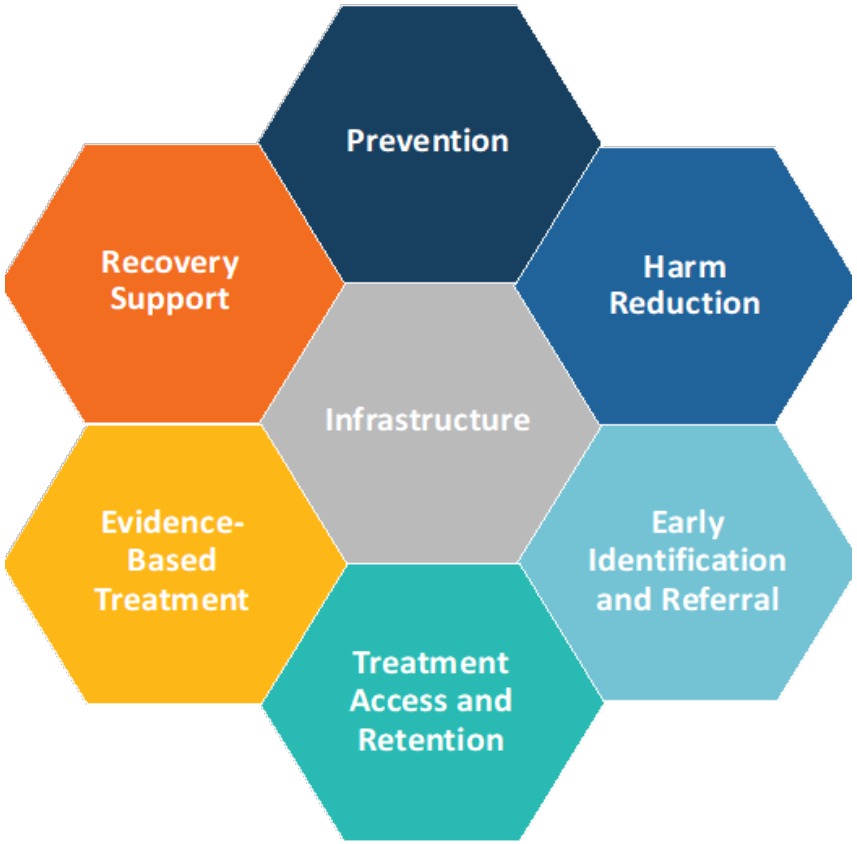
HRSEP Targeted Expansion

28 SSPs funded :

- Stigma reduction
- Recruitment
- Expanded hours of operation
- Staffing capacity
- Treatment linkage
- Peer support



Treatment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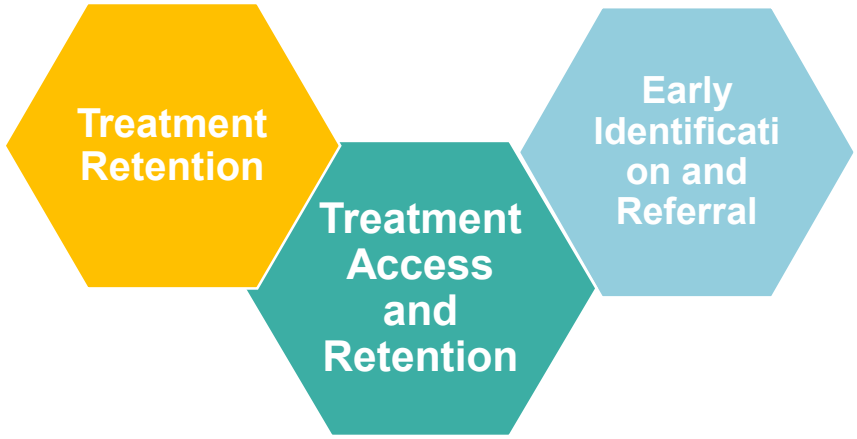

Treatment Retention
Treatment Access and Retention
Early Identificati on and Referral

TREATMENT TARGETS

Research Supports Medications

- Opioids profoundly disrupt the brain's reward system
- MOUD + psychosocial intervention is most effective
- MOUD is more effective than traditional treatment in:
  - Reducing opioid use, craving, and return to use
  - Reducing risk of overdose and mortality
  - Reducing criminal activity, disease rates
  - Improving treatment retention
- MOUD provides opportunities for people to have increased choice and collaboration

Bridge Clinics

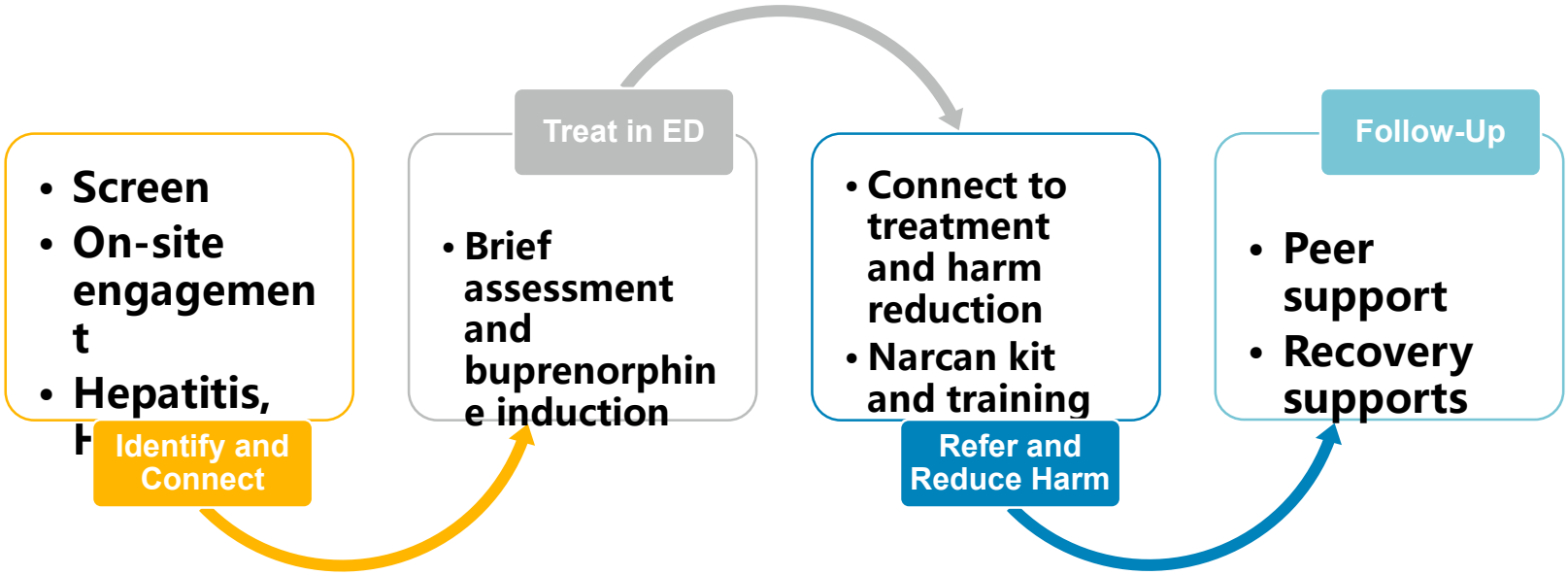
- Conduct emergent assessments in ED
- Initiate MOUD, HCV and HIV testing
- On-site peer support and/or care coordination
- Overdose prevention training & naloxone
- Link to appropriate levels of ongoing care

- **University of Kentucky**
- **University of Louisville**
- **St. Elizabeth**
- **Appalachian Regional Healthcare (Hazard)**
- **Baptist Health (Lexington & Corbin)**
- **Norton Healthcare**
- **Advent Health**
- **Kings Daughters**

KORE KENTUCKY OPIOID RESPONSE EFFORT

BRIDGE CLINIC MODEL

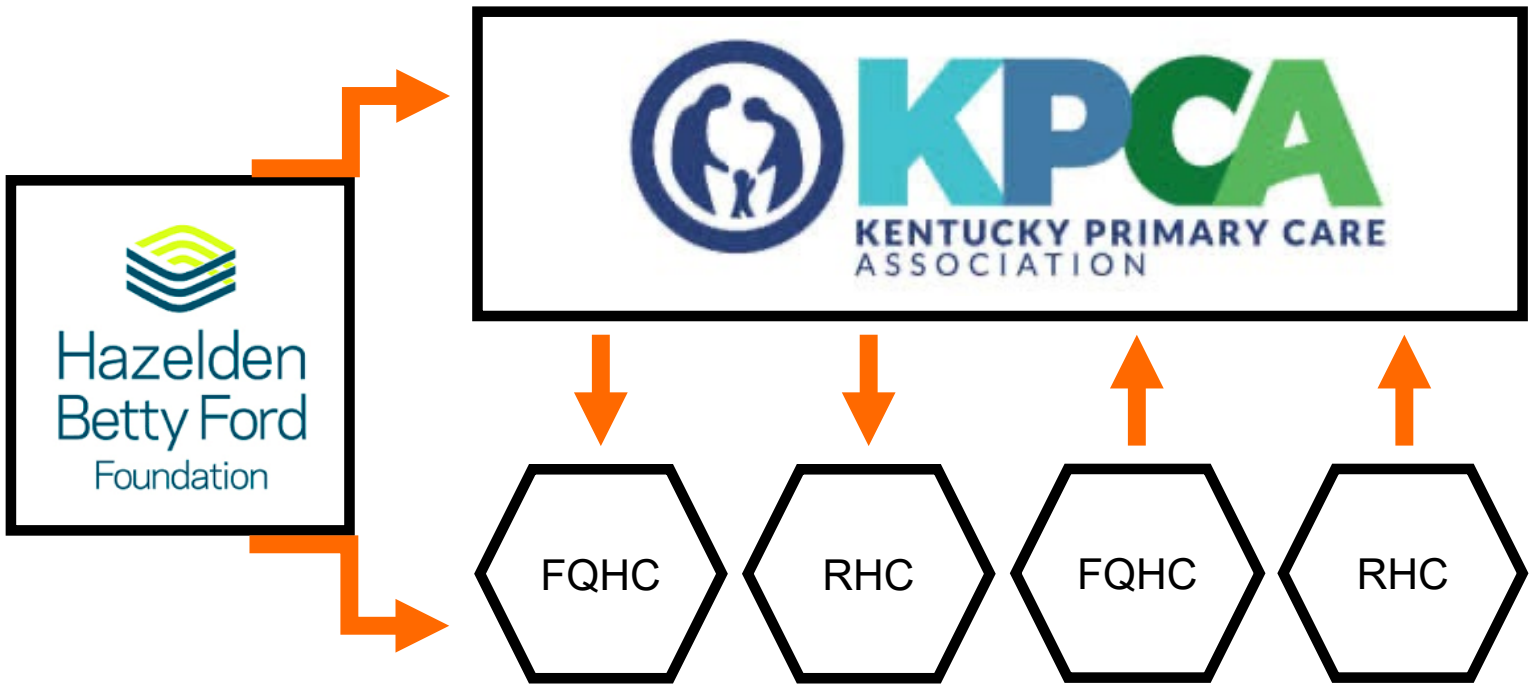
increases rapid access to treatment



Hospital Service Line Expansion

- Expansion to inpatient units
- Infectious disease treatment
- Outpatient clinic
- Telemedicine to rural communities
- Addiction Stabilization Recovery Center
  - Stabilization service, open 24/7, Nurse and PSS
  - Assessment, referral, treatment & recovery planning

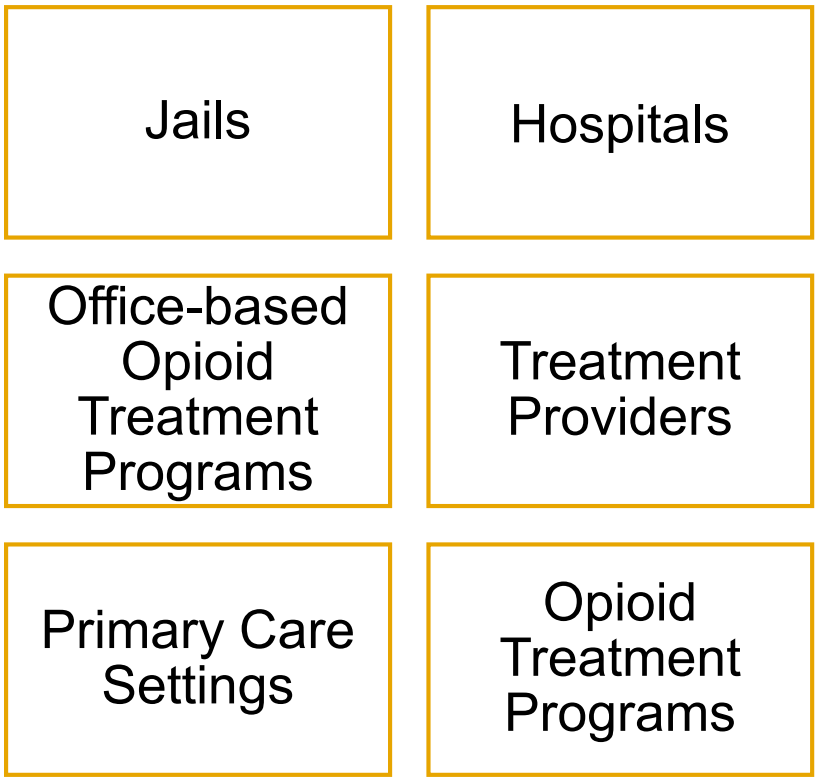
TREATMENT IN FQHCS



MOUD Access Expansion

Increase access to and utilization of FDA-approved medications for OUD

- Evidence-based models:
  - Office-based Opioid Treatment (OBOT)
  - Collaborative Opioid Prescribing
  - Hub and Spoke
  - One Stop Shop
  - Emergency Department Initiation of OBOT



Treatment & Methadone Reimbursement Programs

Objective: Increase rapid access to treatment for individuals who lack a payer source

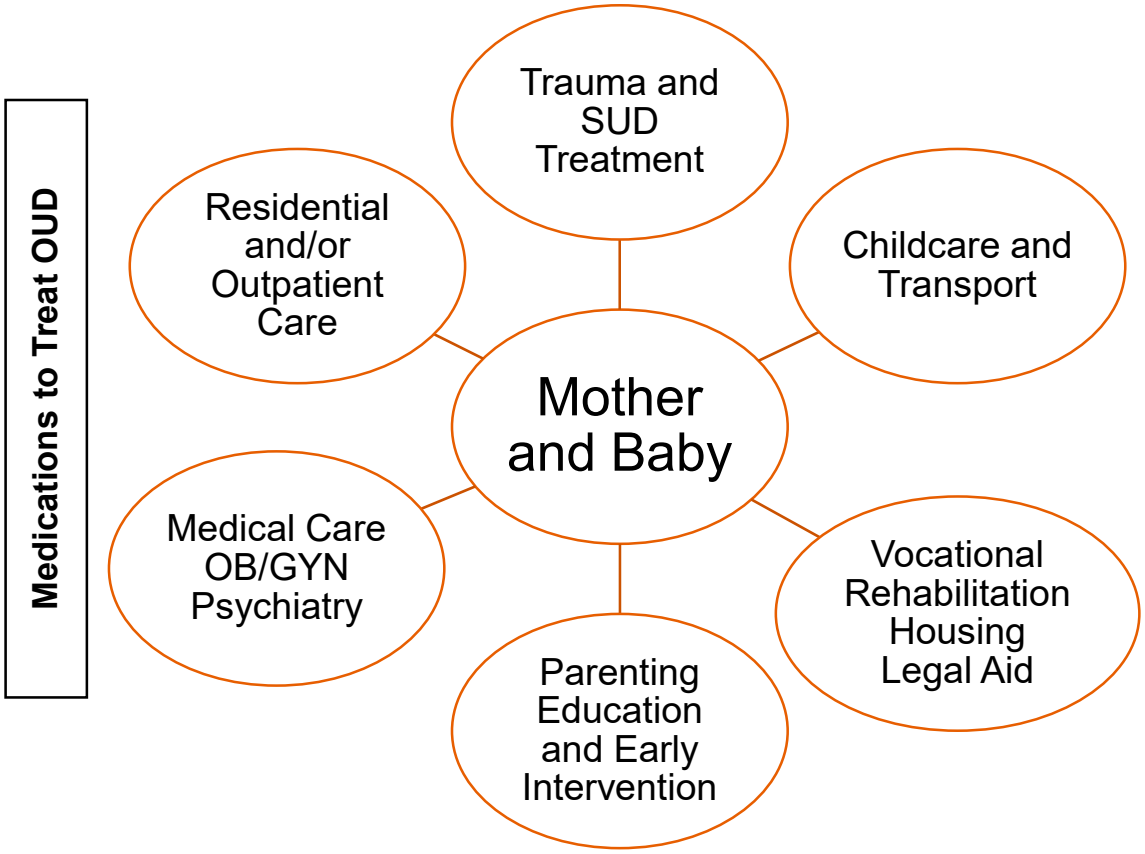
- Eligible Programs:
  - Licensed AODE/BHSO residential programs
  - CMHCs with residential and/or IOP
  - Provide access to MOUD
- Eligible clients:
  - Diagnosed with an OUD
  - Income < 150% FPL
  - Ky resident
  - Lack a payer source

Community Pharmacy Care Delivery Model for Vivitrol

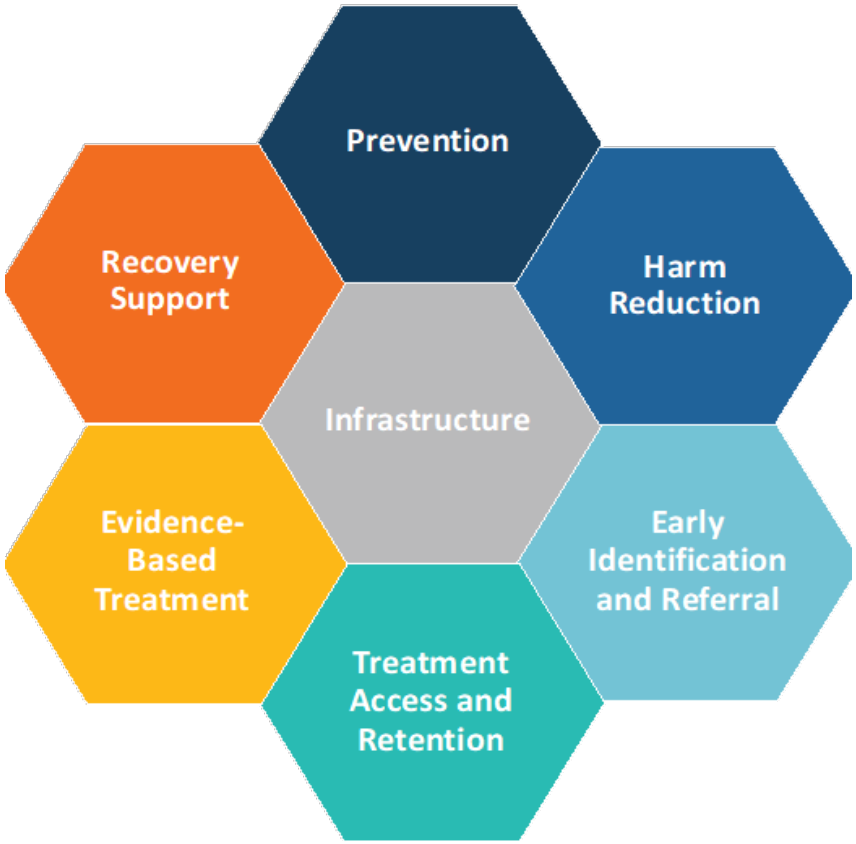
- Training for administration and management of Vivitrol within community pharmacies
- Implement practice model in four regions: Eastern KY, Northern KY, Lexington, Louisville

Integrated and Coordinated Care for Pregnant and Parenting Woman

- Plan of Safe Care Pilot Sites
- Chrysalis House
- University of Kentucky – PATHways
- Appalachian Regional Healthcare (Hazard)
- Centerstone and Norton Hospital
- St. Elizabeth Hospital – Baby Steps



Recovery


Prevention
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Recovery Support

Peer Support

Telephonic Peer Support and Recovery Coaching

- Support for individuals in in early recovery
- Recovery meetings

Peer Support for Domestic Violence Survivors

- KY Coalition Against Domestic Violence
- Co-location of 10 PSS in shelters

Recovery Community Centers

Community-based, non-clinical setting that is safe, welcoming, peer-led, and supports all paths to recovery

RCC Services/Resources

- Peer Support
- Mutual aid groups
- Advocacy
- Linkage to housing support
- Job training and employment support
- Social activities

RCC Locations

- Centerstone (Jefferson)
- Four Rivers (McCracken)
- Kentucky River (Perry)
- NorthKey (Kenton+)
- Voices of Hope (Fayette)
- Volunteers of America (Clay)

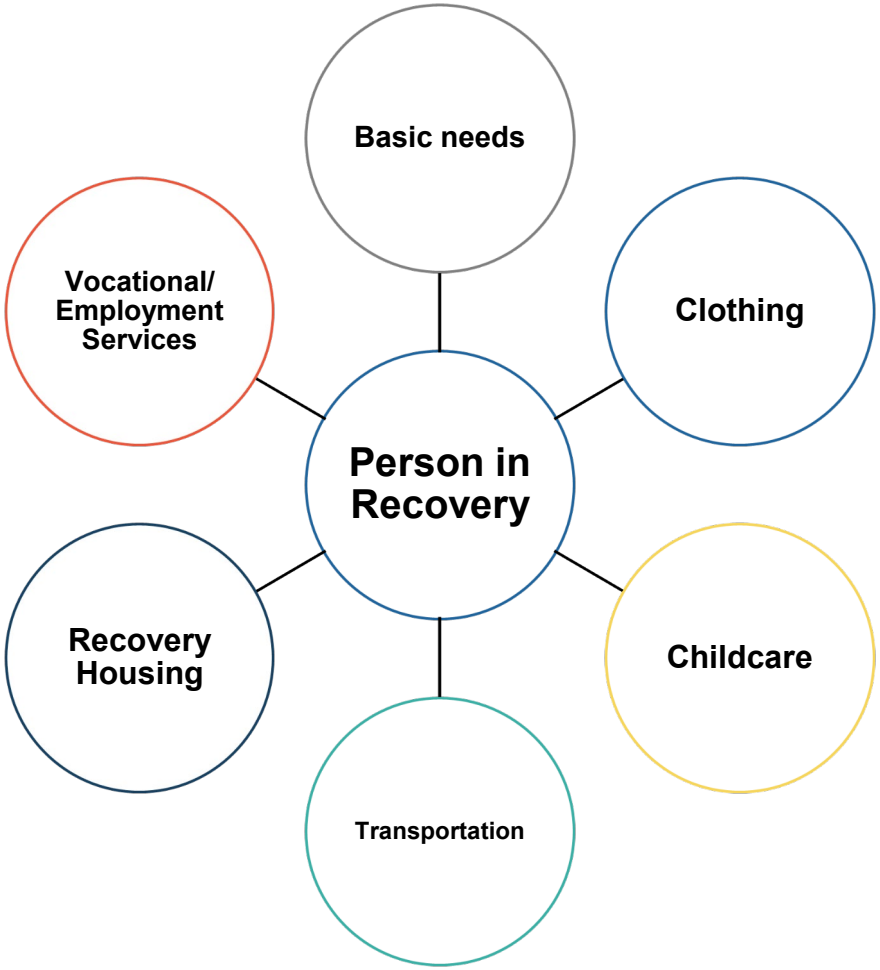
Recovery Residence Expansion

- Increase the number of Level 1 Oxford Houses
- Increase Level 2 & 3 recovery houses supporting MOUD
- Adopt National Alliance for Recovery Residences quality standards and certification

Level 1	Level 2	Level 3	Level 4
Peer-Run	Monitored	Supervised	Service Provider
Alcohol & Illicit Drug Free			
Safe, Clean, & Dignified			
Peer Supportive Environment			
Accountability to Neighborhood, Ethics & National Standards			

Access to Recovery (ATR) Program

- **Purpose**: Reduce barriers to entering and and maintaining long-long-term recovery
- **Aim:** Increase recovery capital



ATR Pilot Locations

- Jefferson County
- Kenton County
- Letcher County

Mutual Aid Support Groups

- Nonprofessional support groups that include members who share the same problem, voluntarily support one another, and provide social, emotional and informational support for sustained health and wellness
- Smart Recovery Friends and Family
  - www.smartrecovery.org
- Double Trouble in Recovery
  - www.dtrky.org

Community Reentry Coordination

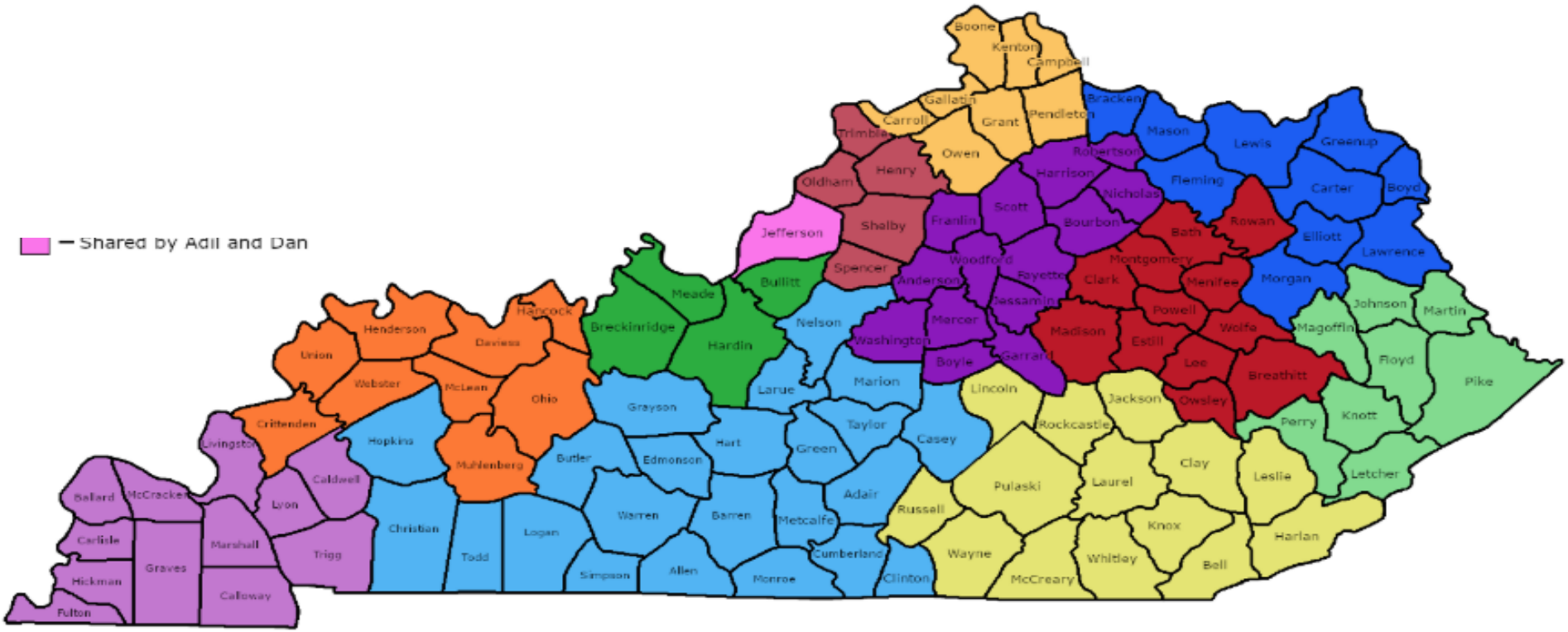
- Reintegration services for inmates with OUD or co-occurring OUD/SMI
- In-reach coordinators:
  - Targeted case management and linkages to supports
  - Collaborative treatment and services planning
  - Assist with MCO selection, Medicaid, SSI

In-Reach Locations:

- KSR Complex
- Northpoint Training Center
- Western KY Correctional Complex
- Green River Correctional Complex
- Little Sandy Correctional Complex

Reentry Employment Program Administrators

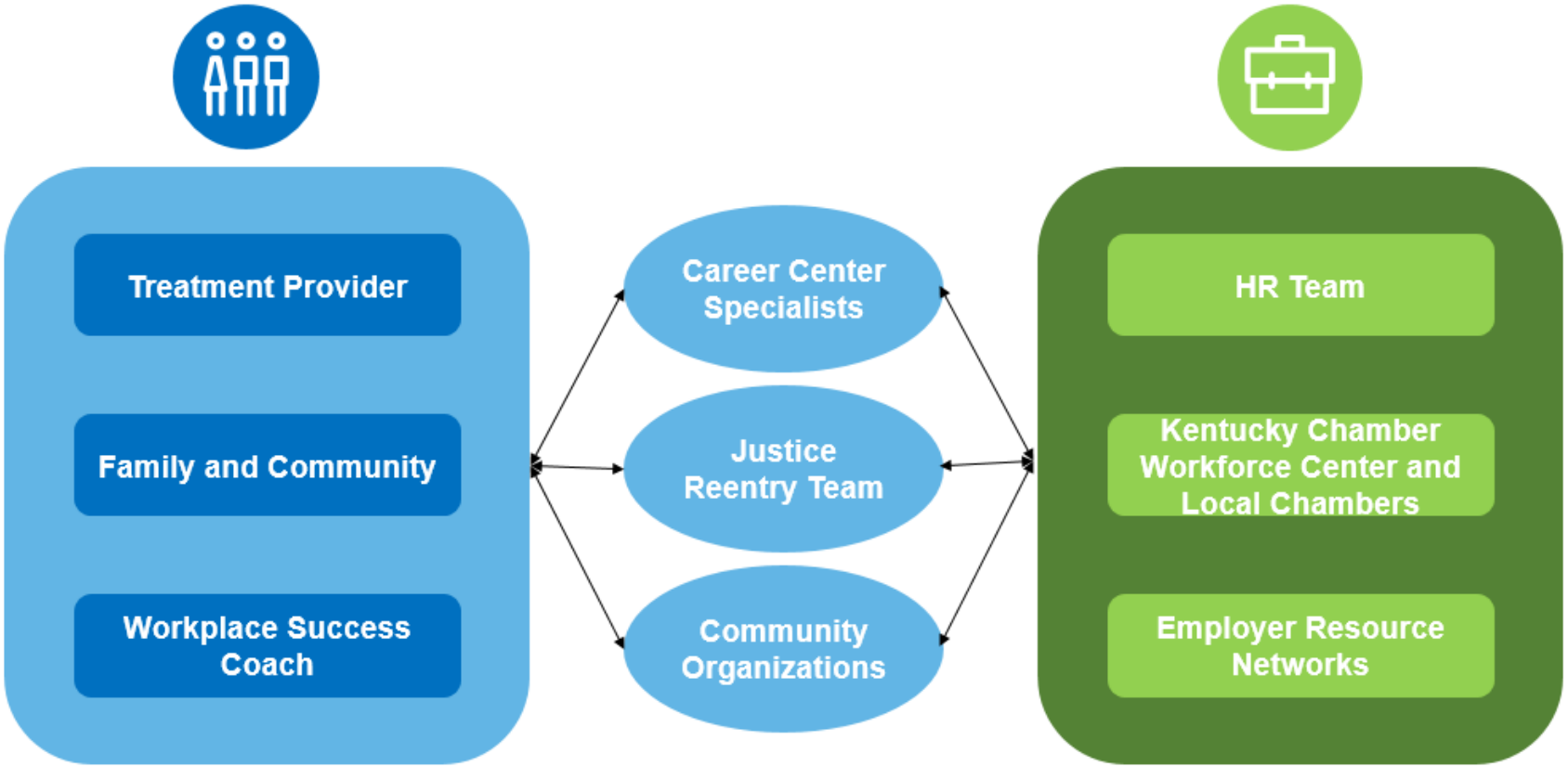
- Department of Corrections
- Ten REPAs at Probation & Parole Offices statewide



Strategic Initiative for Transformational Employment (SITE)

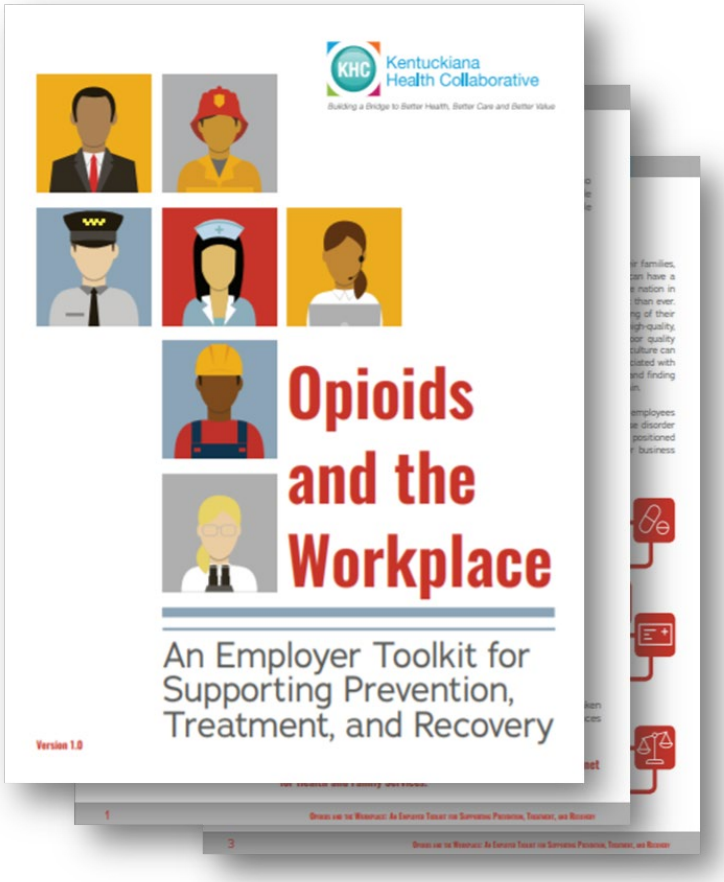
- Support individuals in recovery seeking (re)employment and job training through Kentucky Comprehensive Career Centers
- Support individuals who enter employment to ensure they retain and succeed in their jobs
- Support businesses to implement policies for hiring and retaining employees recovering from OUD

Strategic Initiative for Transformational Employment (SITE)



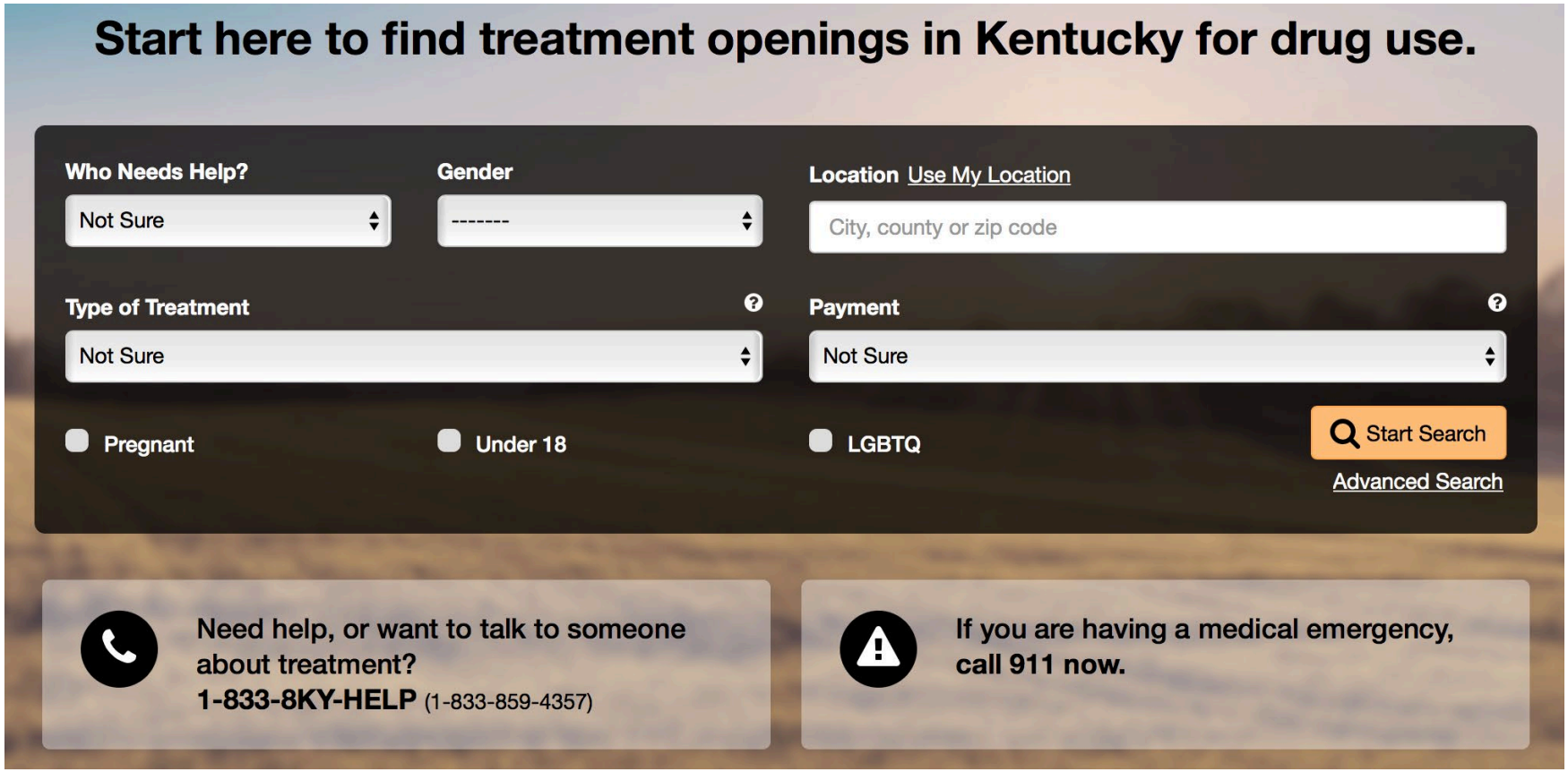
SITE: Employer Toolkit

- Guides employers' understanding of OUD in the workplace
- Provides best practice recommendations for prevention, treatment, and recovery support



https://www.khcollaborative.org/employerhub/

Find Help Now Ky Treatment Locator



findhelpnowky.org

CHFS
Cabinet for Health and Family Services

THANK YOU!

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