



Kentuckiana Health Collaborative

Building a Bridge to Better Health, Better Care and Better Value



IBM Watson Health™

# BY THE NUMBERS

## Opioid Benchmarking Fast Facts<sup>1,2</sup>



KY had a **12% higher** opioid utilization rate compared to national average in 2017



KY annual average opioid supply per patient is **16% higher** than national average



KY opioid utilization **decreased -4%** from 2016 to 2017. National rates decreased -8%

Both KY and National opioid utilization are driven by:

- Females
- Spouses
- Hourly Workers



KY performs well compared to national rates for many opioid prescribing quality markers:



- **Lower** percentage of patients using High Dose opioids
- **Lower** percentage of patients using Long-Acting Opioids
- **Lower** percentage of patients with overlapping Benzodiazepine prescription
- **Lower** percentage of patients receiving opioids from 3+ pharmacies



KY high prescribing rate is driven by the following Musculoskeletal conditions:

- Low Back: **18.8% higher** than national
- Osteoarthritis: **13.2% higher** than national
- Joint Disorders: **19.0% higher** than national



**13.4%** of KY opioid users have **over 90 days supply** in 2017 compared to 10.9% of national opioid users



KY had an opioid overdose rate **48% higher** and opioid use disorder rate **44% higher** than the national rate in 2017



**56%** of KY opioid overdose patients received another prescription opioid within 12 months



**2%** of KY prescription opioid users have a history of substance abuse or overdose

1. About IBM® MarketScan® Research Databases and analytic notes: IBM MarketScan Research Databases are a family of data sets that fully integrate many types of data for healthcare research. This data analysis summarizes findings for the Commonwealth of Kentucky compared to the US National rates that were pulled from all contributing commercial payers for calendar years 2016 to 2017. All claims were de-identified during the consolidation process to protect patient privacy.

2. Limited to Ages 18 – 64, Active, Self-Insured Members. Opioid utilization excludes Cancer and Palliative Care patients.