

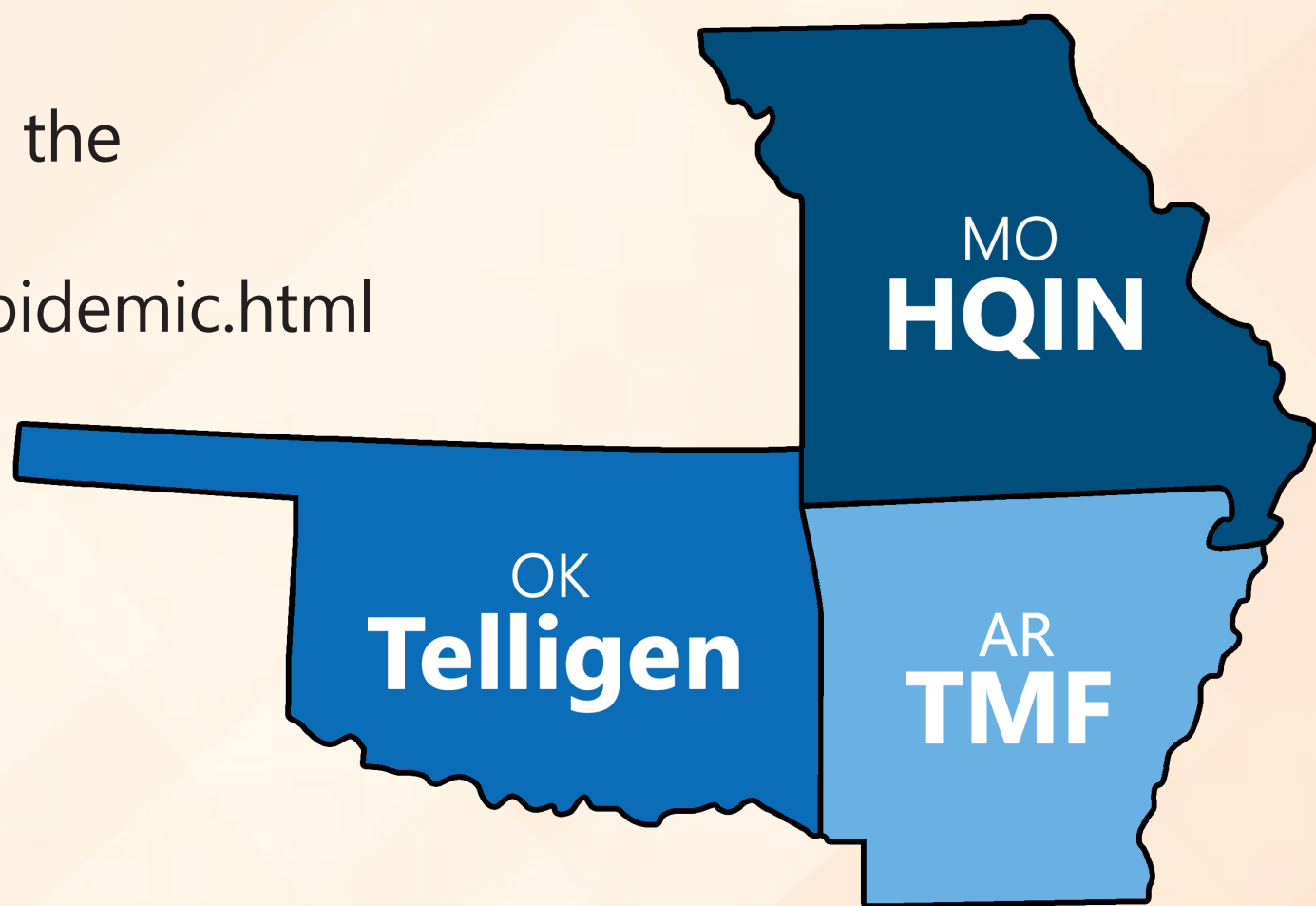
# Multi-State Opioid Collaborative Improves Naloxone Co-Prescribing and Addresses Days Supply of Opioids from Emergency Department

## Overview

With the number of drug overdose deaths increased by 16% from 2020 to 2021, decreasing opioid adverse drug events and deaths is a priority for the Mercy Health Medicare Shared Savings Program (MSSP) Accountable Care Organization (ACO).<sup>1</sup>

To support Mercy Health in addressing opioid utilization and misuse, the Health Quality Innovation Network (HQIN) and Mercy Leadership co-facilitate the Mercy QIO Opioid Collaborative along with two other Quality Innovation Network-Quality Improvement Organizations (QIN-QIOs), Telligen and TMF. This Collaborative meets monthly to engage 404 clinics and 33 hospitals in the ACO's service area which spans across Missouri, Oklahoma and Arkansas.

<sup>1</sup> Prevention, C. f. (2023). Understanding the Opioid Overdose Epidemic. <https://www.cdc.gov/opioids/basics/epidemic.html>



## Purpose

The Collaborative's focus is to develop and disseminate tools, resources, best practice advisories, and patient and provider education on opioid best practices to both the ACO's providers and patients in all three states. The Collaborative works with clinics and hospitals to implement and optimize their use of four evidence-based best practices for safe opioid use:

- naloxone co-prescribing
- opioid RX Days supply from ED
- prescription drug monitoring program (PDMP)
- medication-assisted treatment (MAT)



404 Mercy ACO Clinics



33 Mercy ACO Hospitals

## Results

In June and July of 2023, the ACO validated their new PowerBI opioid dashboard to allow for further drill down of the data which is now used to set internal goals and metrics for improvement.

### Co-Prescribing Naloxone with Opioids

Increase Co-Prescribing of Naloxone with Opioids (hospital +AMB)																
	Q1 CY20	Q2 CY20	Q3 CY20	Q4 CY20	Q1 CY21	Q2 CY21	Q3 CY21	Q4 CY21	Q1 CY22	Q2 CY22	Q3 CY22	Q4 CY22	Q1 CY23	Q2 CY23*	Q3 CY23	Goal
Oklahoma Community	2.9%	11.1%	13.0%	13.8%	13.8%	15.0%	12.7%	11.0%	9.9%	11.2%	10.8%	11.2%	11.2%	22.3%	21.7%	22.8%
Fort Smith Community	3.2%	8.6%	10.4%	11.2%	10.3%	11.5%	12.6%	13.2%	15.7%	16.5%	15.8%	16.1%	16.5%	27.1%	26.9%	28.2%
NorthWest Arkansas Community	2.2%	6.0%	8.4%	8.9%	7.7%	13.1%	14.5%	16.3%	20.9%	20.7%	20.3%	18.9%	18.3%	29.5%	27.0%	28.4%
East (STL) Community	1.6%	6.0%	7.8%	9.1%	8.7%	10.1%	10.3%	9.5%	8.8%	10.1%	10.6%	11.1%	11.9%	18.6%	19.1%	20.1%
Southwest Missouri Community	3.8%	11.6%	14.9%	14.8%	14.8%	17.7%	15.3%	13.7%	13.5%	14.9%	14.6%	15.8%	16.1%	28.1%	26.5%	27.8%
Springfield Community	3.9%	10.9%	13.3%	14.8%	14.1%	16.0%	14.0%	13.3%	13.1%	14.2%	14.1%	14.4%	15.6%	28.1%	27.8%	29.2%

Notes: Naloxone 12 month look back Q1 2020 to Q1 2023  
Naloxone 36 month look back Q2 2023 forward (expiration date range changed) -Goal added of 5% increase from baseline Q2 2023 -Goal review Q6 months.

From Q1 CY20 to Q1 CY23, Mercy Naloxone (Narcan) co-prescribing data was pulled utilizing a 12 month look back. In Q2 CY23, Mercy developed the capability to pull Naloxone (Narcan) co-prescribing data utilizing a 36 month look back, aligning with FDA 36 month extended shelf life for Narcan.

### Emergency Department Opioid Prescriptions Exceeding 3 (Jul 23)/4 (Aug 23) Day Supply

ED Department Percentage of Opioid Prescriptions Exceeding 3 (Jul-23)/ 4 (Aug-23) Day Supply																		
Hospital	Community	22-Jul	22-Aug	22-Sep	22-Oct	22-Nov	22-Dec	23-Jan	23-Feb	23-Mar	23-Apr	23-May	23-Jun	23-Jul	23-Aug	23-Sep	23-Oct	Avg Since Aug 23
East (STL-MO) Mercy Hospitals (5)	East	38%	39%	38%	40%	41%	44%	49%	46%	51%	48%	49%	51%	47%	13%	16%	14%	14%
Springfield MO Mercy Hospitals (5)	Springfield	47%	33%	34%	31%	34%	35%	33%	45%	49%	47%	43%	44%	44%	14%	12%	10%	12%
Southwest Missouri Mercy Hospitals (2)	SW MO	48%	41%	35%	33%	45%	43%	15%	50%	55%	48%	55%	57%	54%	17%	22%	24%	21%
Fort Smith (AR) Mercy Hospitals (5)	Fort Smith	36%	34%	34%	34%	45%	35%	56%	38%	50%	45%	43%	44%	45%	18%	19%	16%	18%
Northwest Arkansas Mercy Hospitals (4)	NWA	25%	29%	28%	35%	37%	38%	43%	45%	42%	40%	41%	37%	37%	12%	11%	12%	12%
Oklahoma Mercy Hospitals (10)	Oklahoma	52%	63%	52%	52%	52%	67%	66%	65%	61%	66%	69%	72%	65%	27%	23%	23%	24%

Prior to July 2023, Mercy data for Days Supply Opioid Rx's from ED was pulled using ED Rx Opioids exceeding 3 Days Supply. In Aug 2023, the internal metric was changed to ED Opioid Rx's exceeding 4 Day Supply, aligning with CDC 2022 Opioid Guidelines, Section 6, recommendations of 4-7 Days Supply from ED.

## QIN-QIO Role in The Collaborative:



Co-facilitate and coordinate monthly meetings



Identify effective patient education materials (Narcan)



Discuss new national & state opioid guidance and policy



Help select meaningful opioid measures



Analyze data related to opioid efforts (based on claims)



Develop dashboards to offer performance comparisons