

# Outreach Beyond Primary Care: Educating Dentists on Opioid Safety in Utah

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# Disclosure Statement

*I do not have any relevant financial/non-financial relationships to disclose*

**What types of health care professionals have you detailed outside of primary care clinicians?**

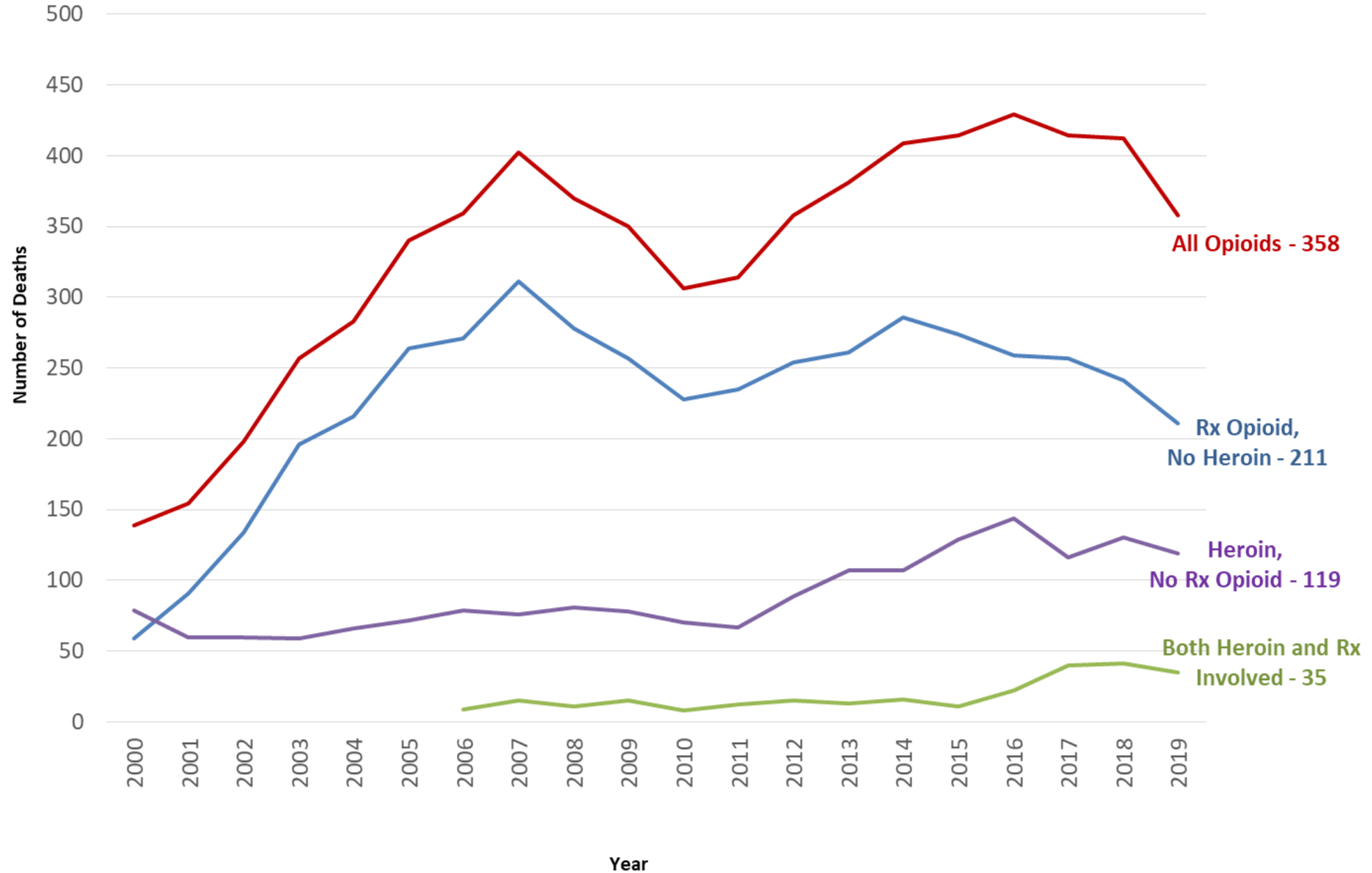
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# Number of accidental and undetermined drug deaths by drug type, All ages, Utah, 2000-2019\*



# Training Curriculum – Best Practices for Safe Prescribing

- **“Hybrid” Academic Detailing model** – whole team education
- Access PDMP **prior to prescribing**, access **data on prescribing**
- **Reduce # opioid pills prescribed** for acute conditions (when appropriate)
- Increase use of **Naloxone Overdose Reversal Kits**
- **Recognize** abuse/addiction/dependence and **intervene**
- Ensure all patients that are prescribed controlled substances are **safe**

# Timeline

**Sept. 2018 – April 2019:** Developed program based on adapted model of academic detailing specific to Utah prescribers.

**May 2019 – Aug. 2019:** Phase 1 trainings for medical and dental providers, focused on Carbon County and individual/independent practices along the Wasatch front.

**Feb. 2020 – Sept. 2020:** Phase 2 trainings for medical and dental providers, expanded to large clinical groups



## Search Criteria: Detailed Search Results

Date Range: 09/12/2017 - 09/12/2018    Date Of Birth: 02/02/1921  
Last Name: PAP    First Name: QUE

Active Dispensing Records

# 3

Total Active Daily Morphine  
Milligram Equivalents (MME)

# 150

# Prescribers  
in 6 Months

# 3

# Pharmacies  
in 6 Months

# 1

Active Benzos and  
Opioids

# No

Show 10 entries

Search:

First Name	Last Name	Drug	Quantity	Date Sold	Days Supply	Prescriber Name	External Records	Active	MME
QUEBEC	PAPA	FENTANYL 25MCG/HR TRANSDERMAL SYSTEM	10	09/10/2018	2	PRESCRIBER TEST RECORD	0	Yes	60
QUEBEC	PAPA	OXYCODONE HCL 10MG	10	09/10/2018	2	PRACTITIONER TEST RECORD	0	Yes	75
QUEBEC	PAPA	OXYCODONE HCL 10MG	30	09/10/2018	30	TESTER, TEST MD	0	Yes	15

Showing 1 to 3 of 3 entries

Previous 1 Next

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Search Again
Detailed Report
Summary

Information contained in this website is protected under Utah Code 58-37f-301, 302, and 601. Unlawful access to or release of database information may subject an individual to felony and misdemeanor criminal liability and a civil penalty of up to \$5,000 per violation.

The information contained in this database is received directly from personnel of the dispensing pharmacy. While efforts are made by pharmacy personnel to ensure accuracy of information provided, DOPL cannot guarantee that all information contained in the database is entirely accurate in every instance.



# Results

# Phase 1 Participant Demographics

Prescriber Demographics (n=46)		
	n	%
<b>Gender</b>		
Male	35	<b>76.10%</b>
Female	9	<b>19.60%</b>
No Answer	2	<b>4.30%</b>
<b>Race</b>		
Non-White	7	<b>15.22%</b>
White	39	<b>84.78%</b>
<b>Specialty</b>		
Dental	28	<b>60.89%</b>
Medical	18	<b>39.11%</b>
<b>Average Years Licensed</b>	14.8 years	

# Phase 2 Study Participants

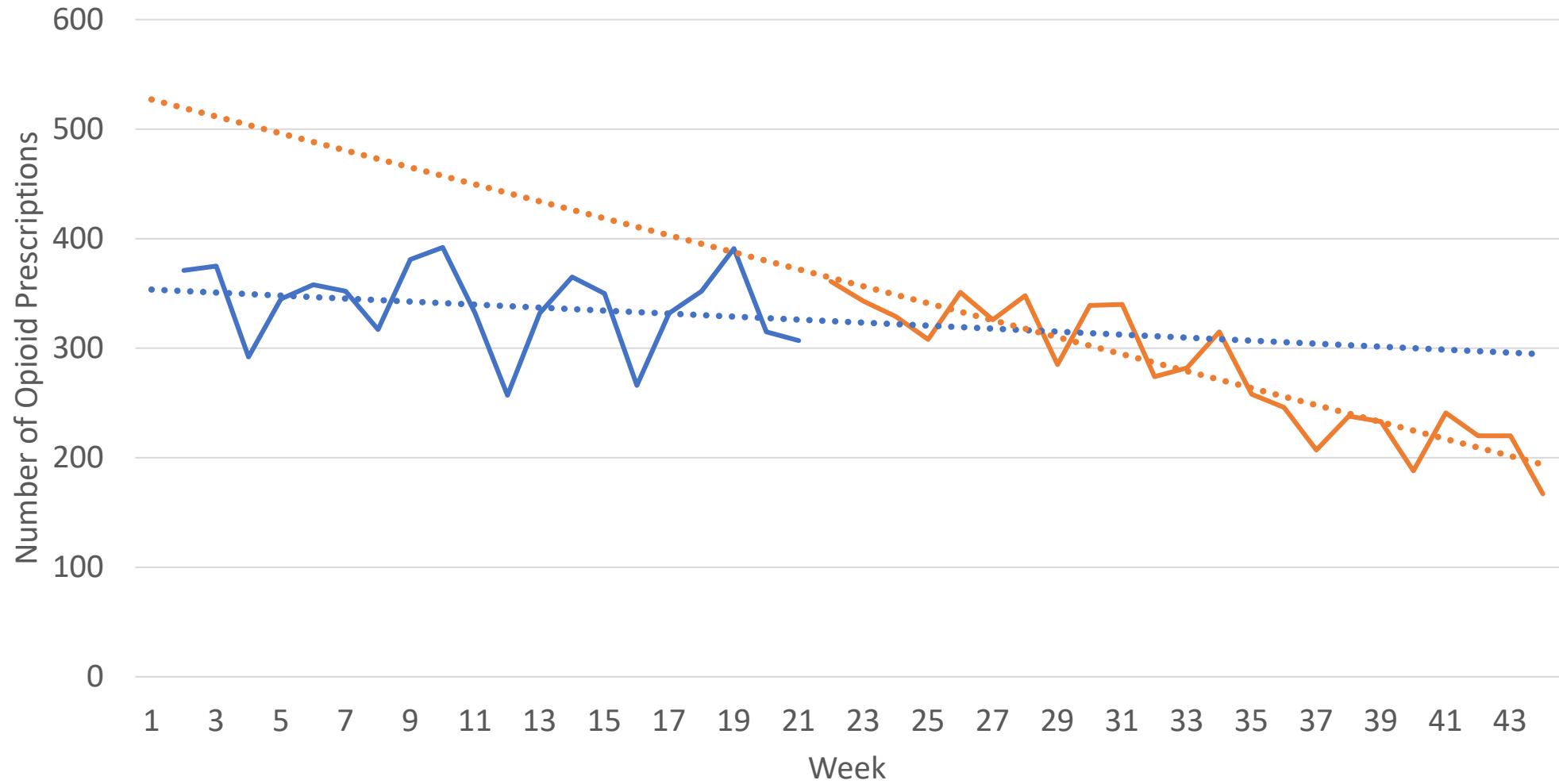
Prescribing Dentists (DDS), n = 54

Prescribing Doctors (MD, DO), n = 55

Prescribing Other staff (NP, PA), n = 15

Demographics	Providers who completed a follow up survey (n=87)
Mean years of age (SD)	46.6 (11.2)
Mean practice years (SD)	12.6 (9.9)
% Male	<b>64.3%</b>
% Hispanic	<b>4.9%</b>
% White	<b>81.6%</b>

# Number of Opioid Prescriptions with MME >50 Among Participating Providers



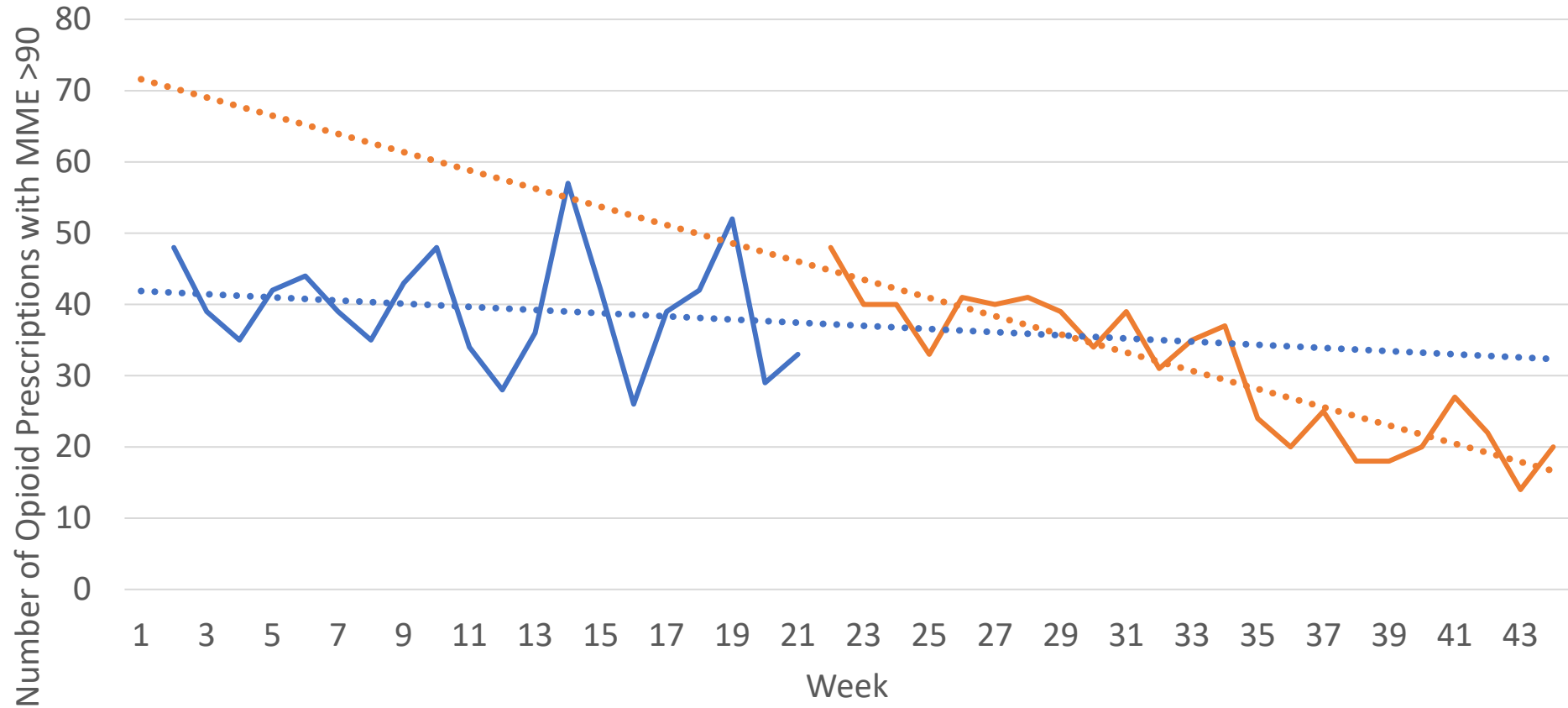
— Opioid Prescription Counts Pre

— Opioid Prescription Counts Post

..... Linear (Opioid Prescription Counts Pre)

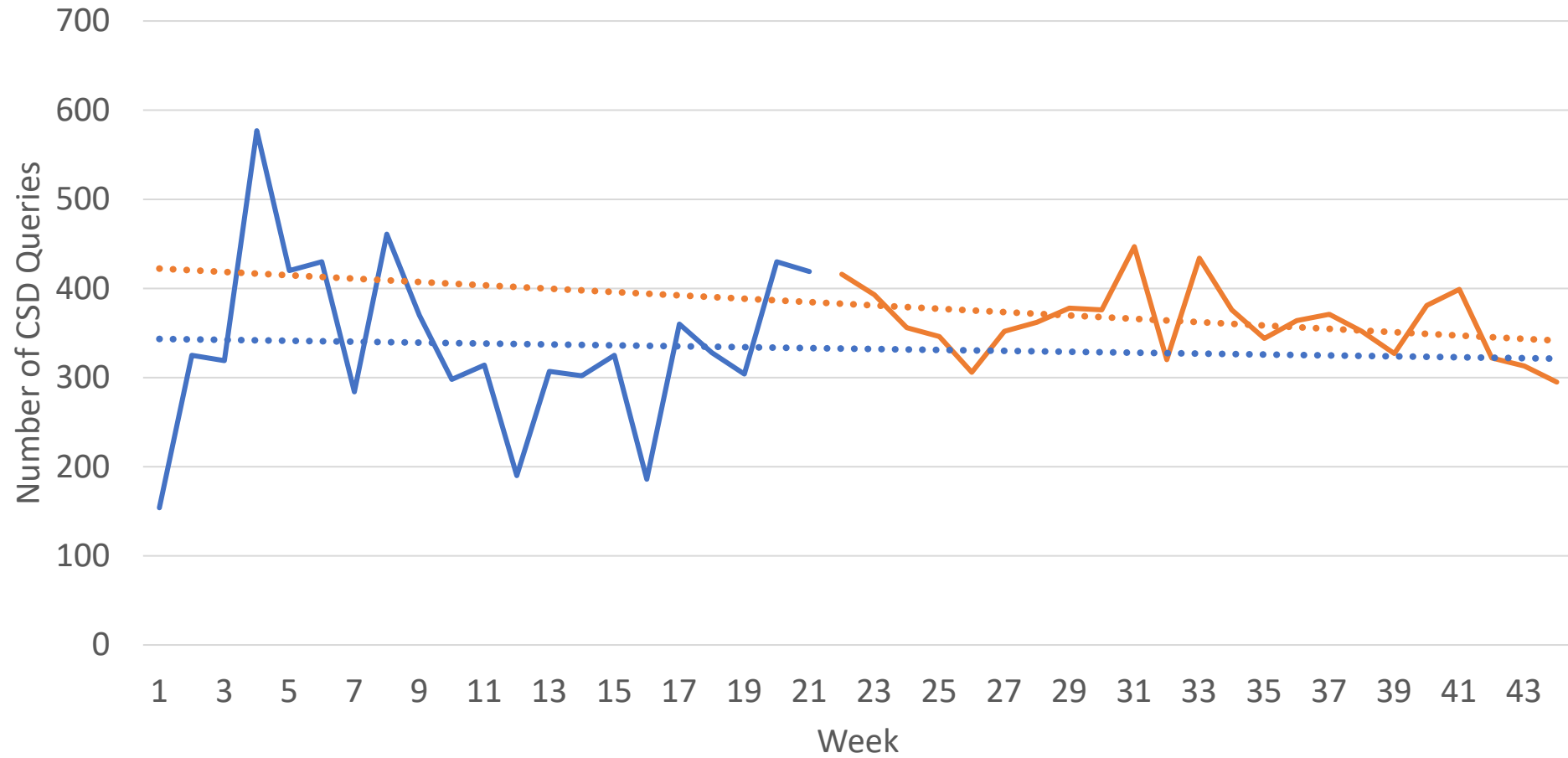
..... Linear (Opioid Prescription Counts Post)

# Number of Opioid Prescriptions with MME >90 Among Participating Providers



- Number Prescriptions >90 MME Pre
- Number Prescriptions >90 MME Post
- ..... Linear (Number Prescriptions >90 MME Pre)
- ..... Linear (Number Prescriptions >90 MME Post)

# Number of CSD Queries By Participating Providers and their Delegates/Proxies



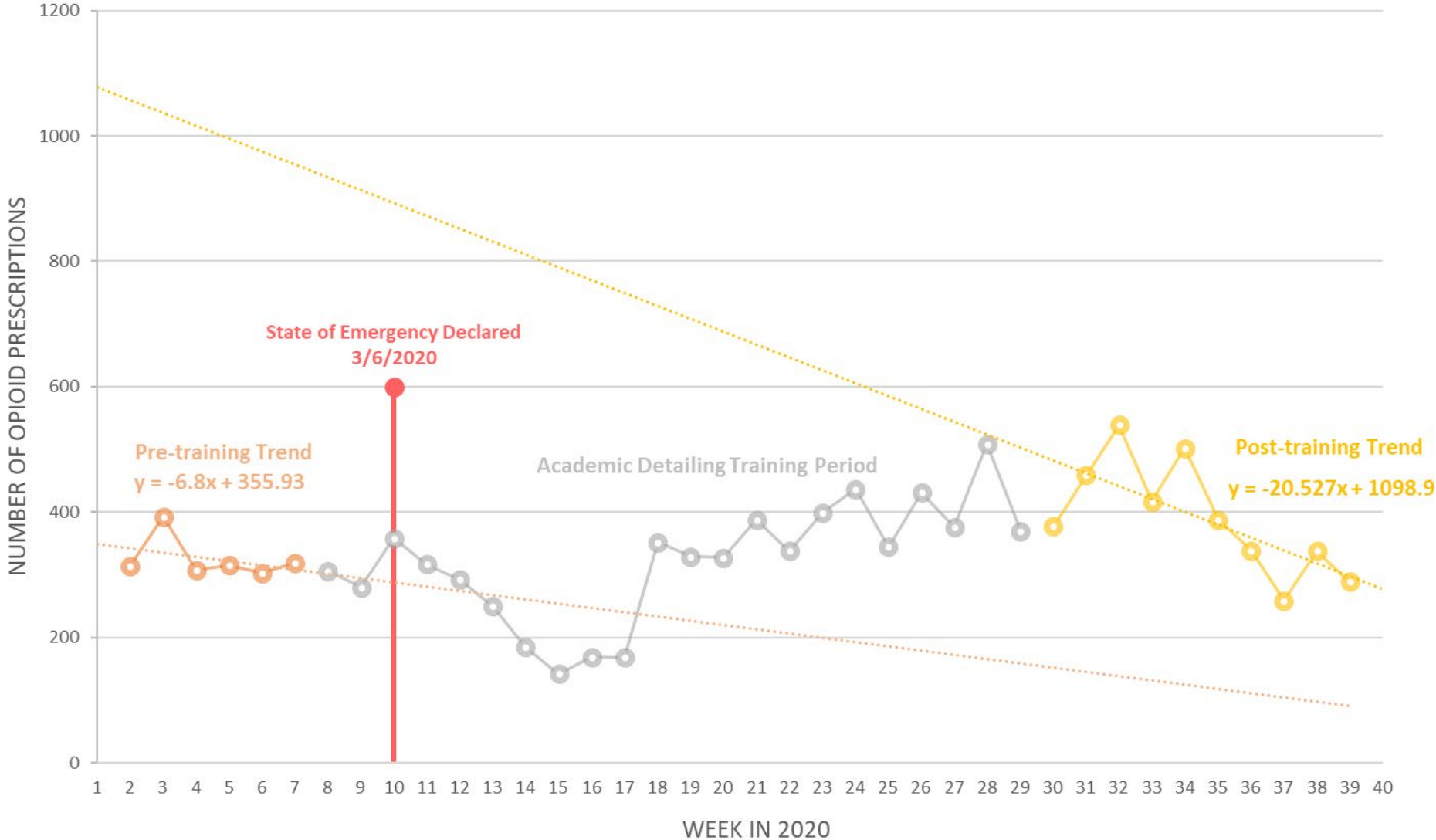
— CSD Queries Pre

— CSD Queries Post

..... Linear (CSD Queries Pre)

..... Linear (CSD Queries Post)

# Number of Opioid Prescriptions Filled Written by Participating Dentists



# Provider Self-report Results Summary (Phase 1)

- **9.1 % increase** in self-reported co-prescribing of naloxone
- **20% increase** in providers indicating they have an office process in place to check the CSD when prescribing opioids

## Areas also positively impacted (large effect size):

- **Provider's confidence** using the CSD to monitor opioid prescriptions
- **Provider knowledge** regarding where to refer patients for help with prescription opioid misuse



# Provider Self-report Results Summary (Phase 2)

## Greatest improvements post training and sustained at 60 days

- Access to screening tools to assess prescription opioid misuse
- Knowledge regarding how to identify patients who misuse prescription opioids
- Knowledge regarding where to refer patients for help for prescription opioid misuse

## Medium effects

- More confident using the CSD to monitor opioid prescriptions and this sustained at 60 days
- Have a specific office process in place to check the CSD
- Ratings for the convenience of using the CSD

## Looking Ahead

- Shifting focus to **surgical academic detailing**
- Managing Opioid Use Disorder in the **Emergency Department** and other settings
- Medications for Opioid Use Disorder **Project Extension for Community Healthcare Outcomes (ECHO)**
- Safe Opioid Stewardship for **Long Term and Post Acute Care Settings**

# Thank You!

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