

E•QUAL | EMERGENCY QUALITY NETWORK

Opioid Initiative Wave I
ALTO – The Colorado Experience

Presenter



Donald Stader, MD

THE COLORADO ALTO PROJECT



**HOW AN ENTIRE STATE IS COMMITTED TO
IMPLEMENTING ALTO IN THE ED**

A map of the United States with state boundaries. The state of Colorado is highlighted in a solid red color. The rest of the map is light blue and white.

**NO CONFLICTS OF INTERESTS TO
DISCLOSE
NO RELEVANT FINANCIAL DISCLOSURES**

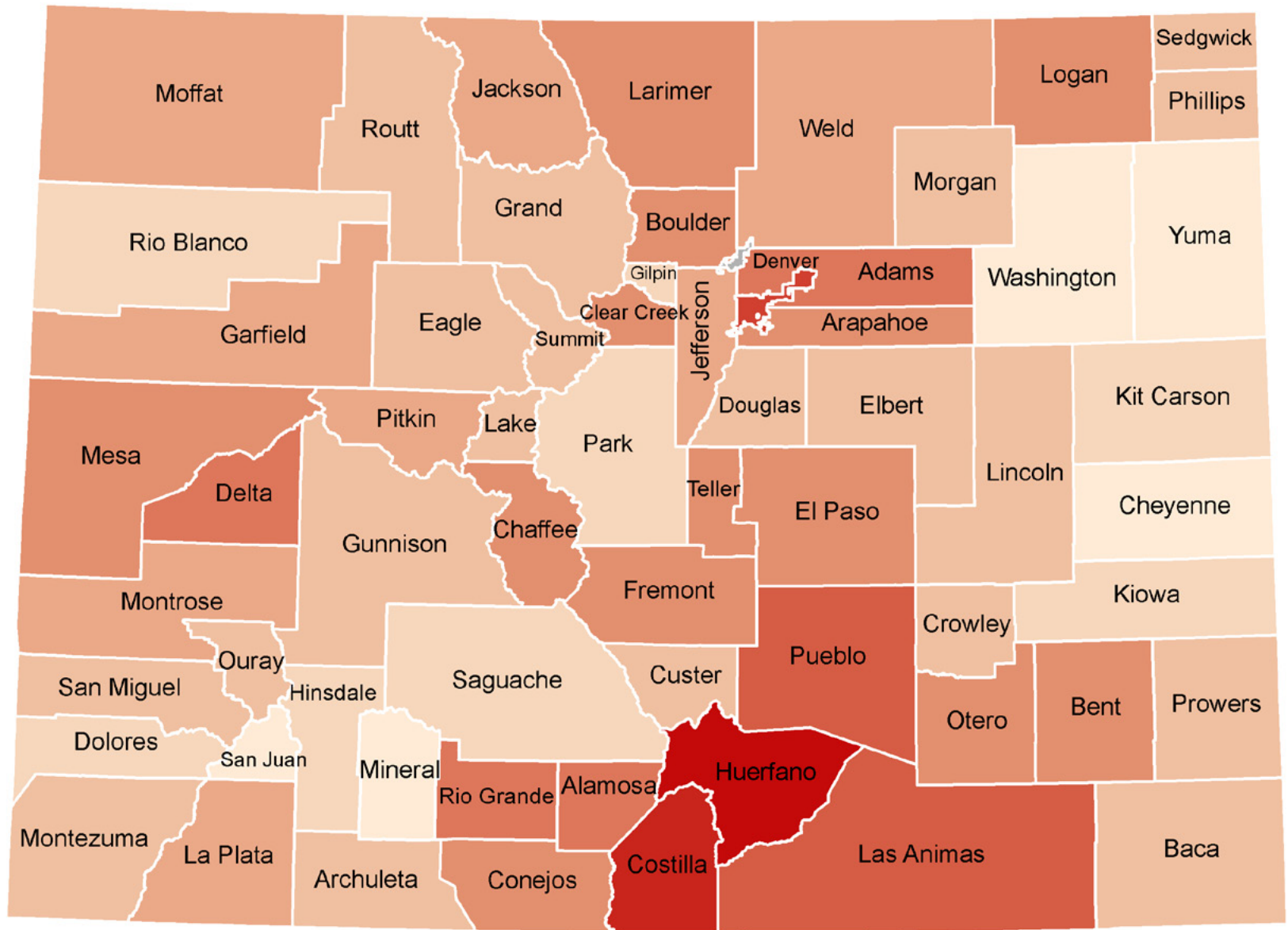
**DONALD STADER MD, FACEP
EDITOR-IN-CHIEF, COACEP 2017 OPIOID PRESCRIBING AND TREATMENT
GUIDELINES
SENIOR PAIN MANAGEMENT & OPIOID POLICY ADVISOR, COLORADO
HOSPITAL ASSOCIATION**

Thank you to Drs. Alexis LaPietra & Mark Rosenberg from St. Joseph's

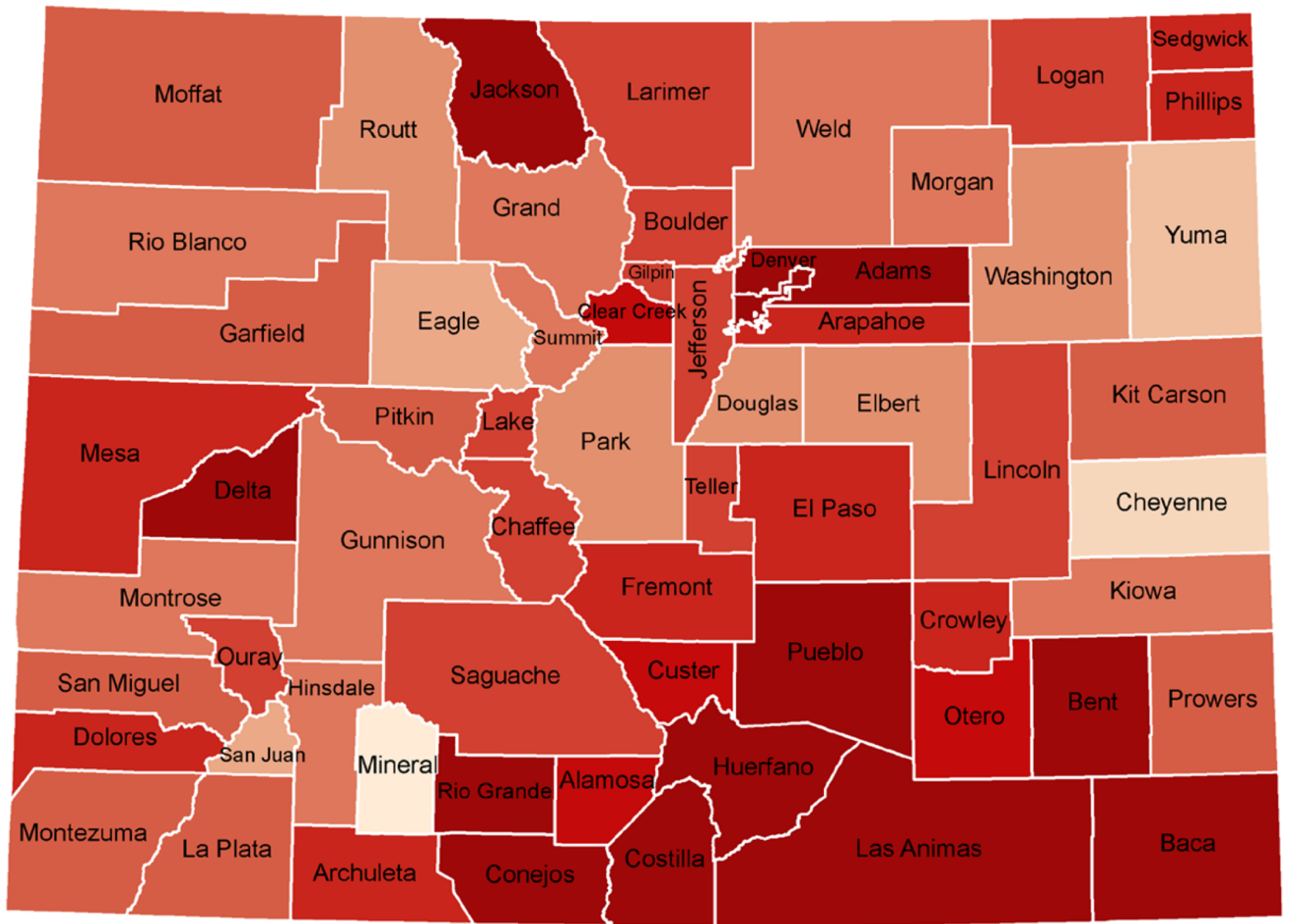


Thanks to Colorado Hospital Association





Colorado Counties | overdose death rates: 2002



Colorado Counties – overdose death rates 2014

COLORADO'S RESPONSE

COLORADO ACEP 2017 OPIOID PRESCRIBING & TREATMENT GUIDELINES



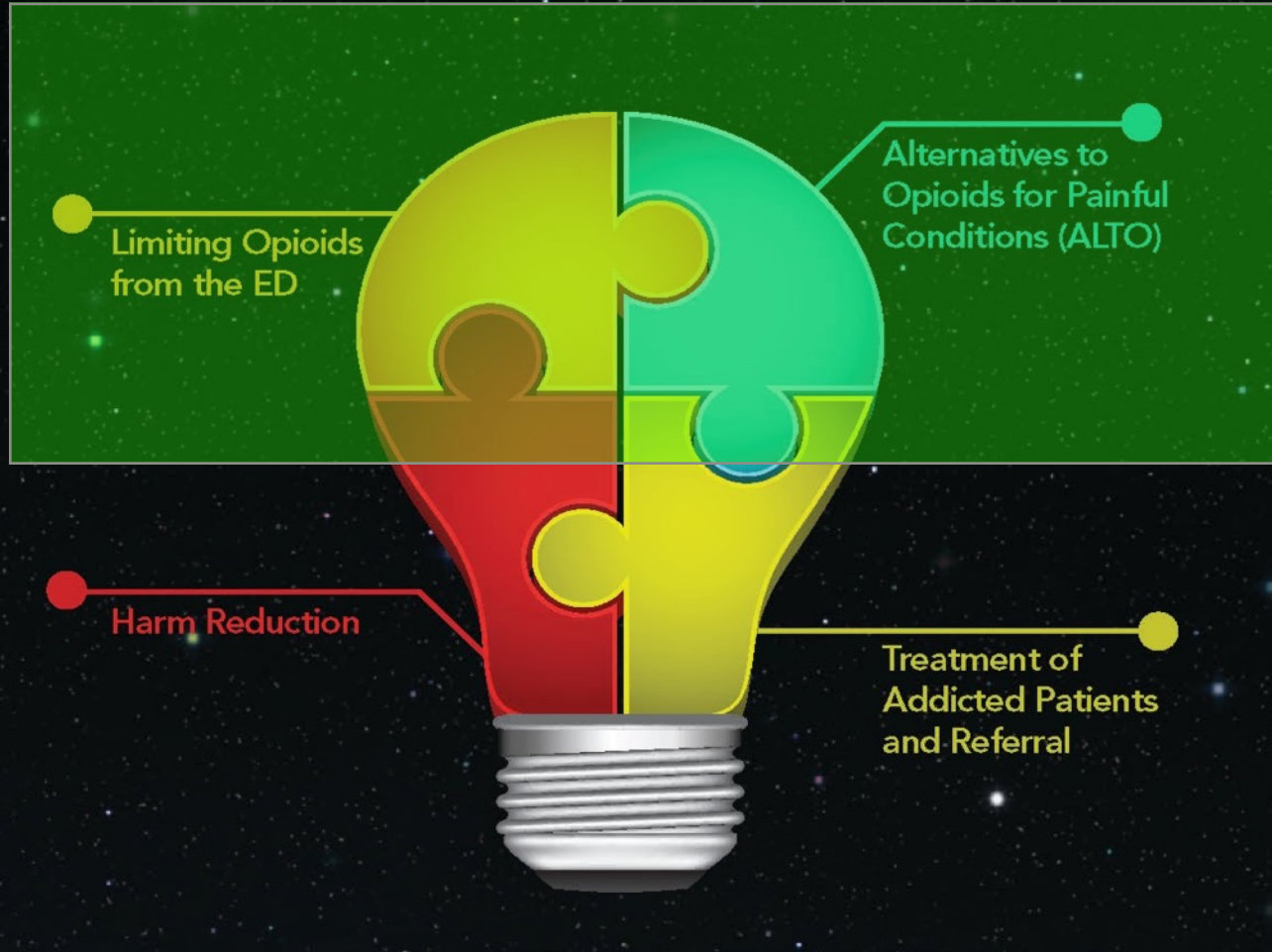
HOW CAN WE ADDRESS THE OPIOID EPIDEMIC IN THE ED?



https://coacep.org/docs/COACEP_Opioid_Guidelines-Final.pdf

4 Pillars of Care

HOW CAN WE ADDRESS THE OPIOID EPIDEMIC IN THE ED?



Alternatives to Opioids – COACEP Guidance

1. Support use of non-opioid medications as first line therapy
2. Use opioids as second line treatment or rescue therapy
3. Multimodal and holistic approach to pain management
4. Provide pathways for common ED pain presentations:

kidney stones

low back pain

fractures

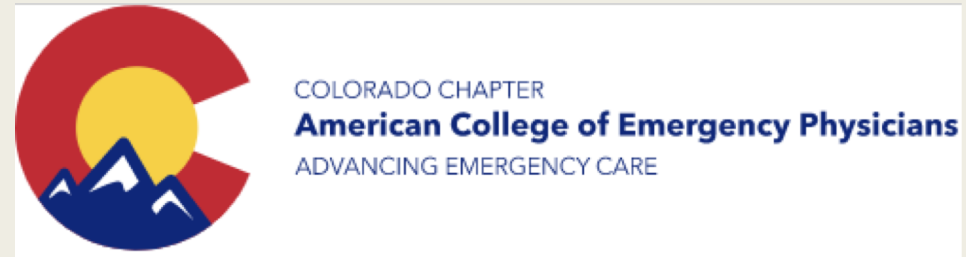
headache

chronic abdominal pain



IT TAKES A TEAM:

The Colorado Opioid Safety Collaborative



Colorado Opioid Safety Pilot

Opioids Used

Total administration
(in MEUs)/1,000
ED visits

Total number of
treated pain
visits/1,000 ED
visits

ALTOs Used

Total
administrations/
1,000 ED visits

Total number of
treated pain
visits/1,000 ED
visits

ED HCAHPS Responses

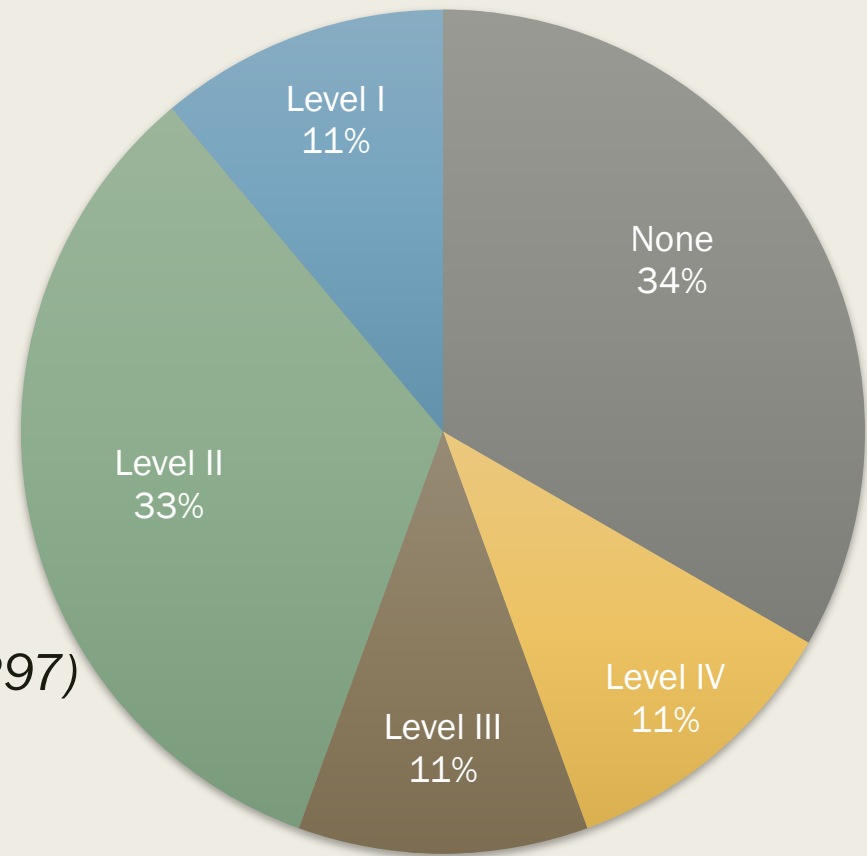
How well was
your pain
controlled?

Would you
recommend this
ED?

ALTO Pilot Participating Hospital Characteristics

1. Hospital type:
 - 2 *critical access*
 - 2 *freestanding EDs*
 - 6 *acute care hospital EDs*
2. Location:
 - 7 *urban*
 - 3 *rural*
3. Annual ED visit range:
 - 4,164 -59,753 (*median = 26,297*)
4. Licensed beds range:
 - 0 - 408 (*median = 169*)

Trauma Designation



Overall Results from 6 Month Pilot

36%



in opioid administration

Measured in MEUs/1,000 ED visits across all 10 EDs 2017 vs. 2016

31%



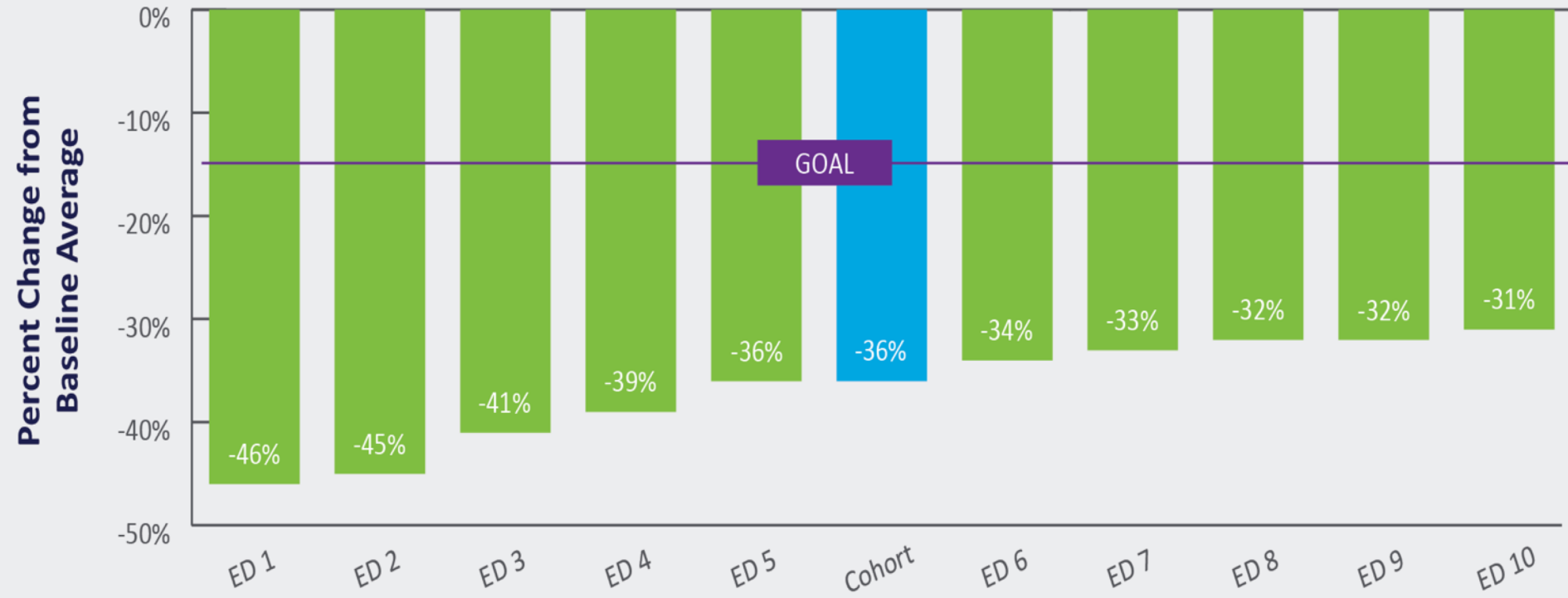
in ALTO administration

35,000

fewer opioid administrations 2016 vs 2016 over the 6 month pilot

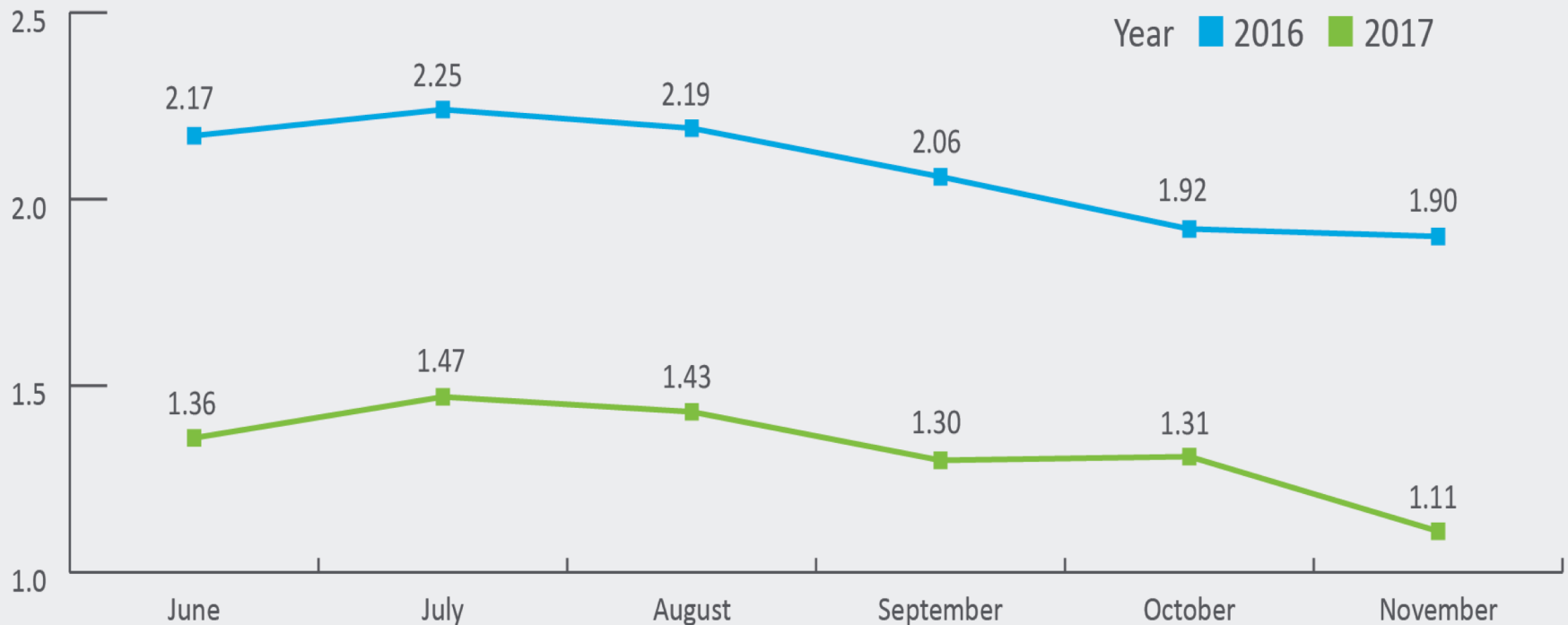
Overall Results – by Site

Percent Change from Baseline in MEUs per 1,000 ED Visits



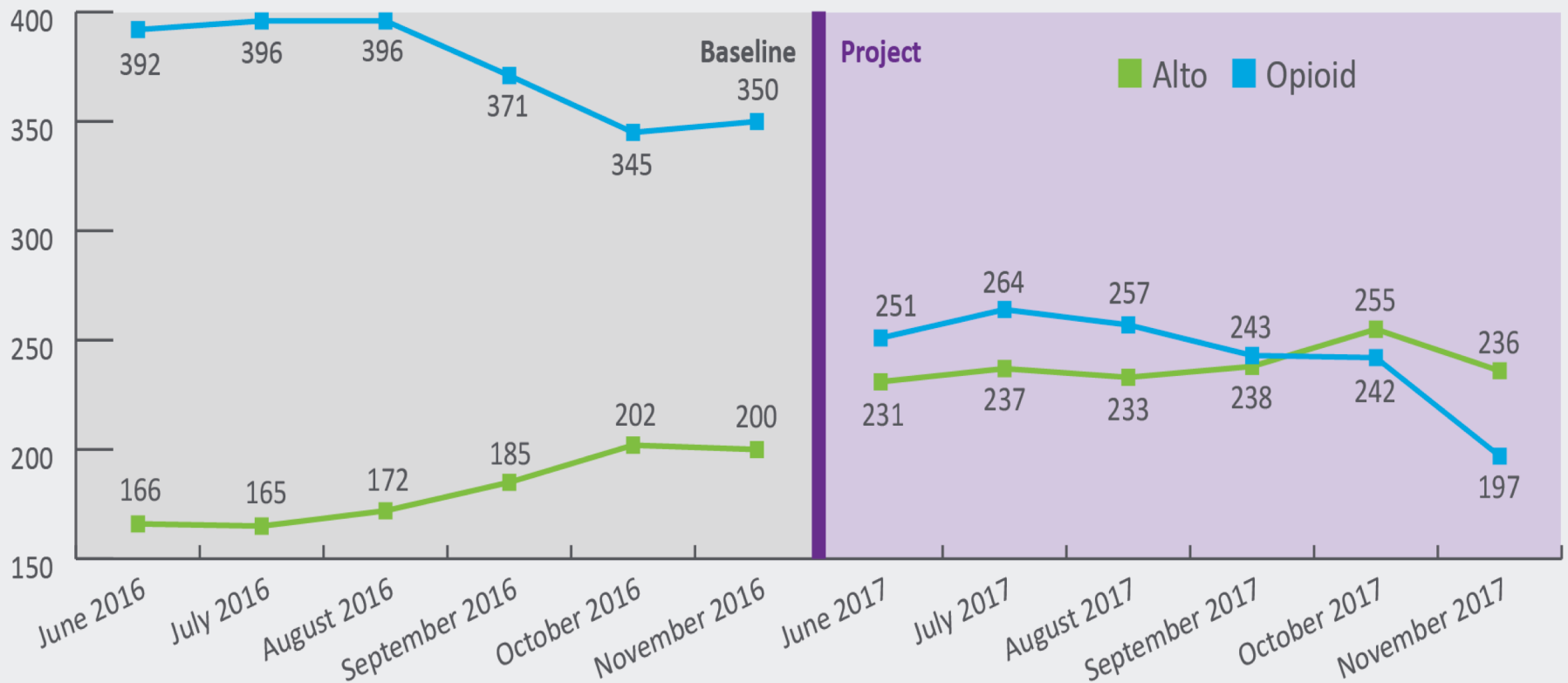
Overall Results

Average Morphine Equivalent Units per ED Visit

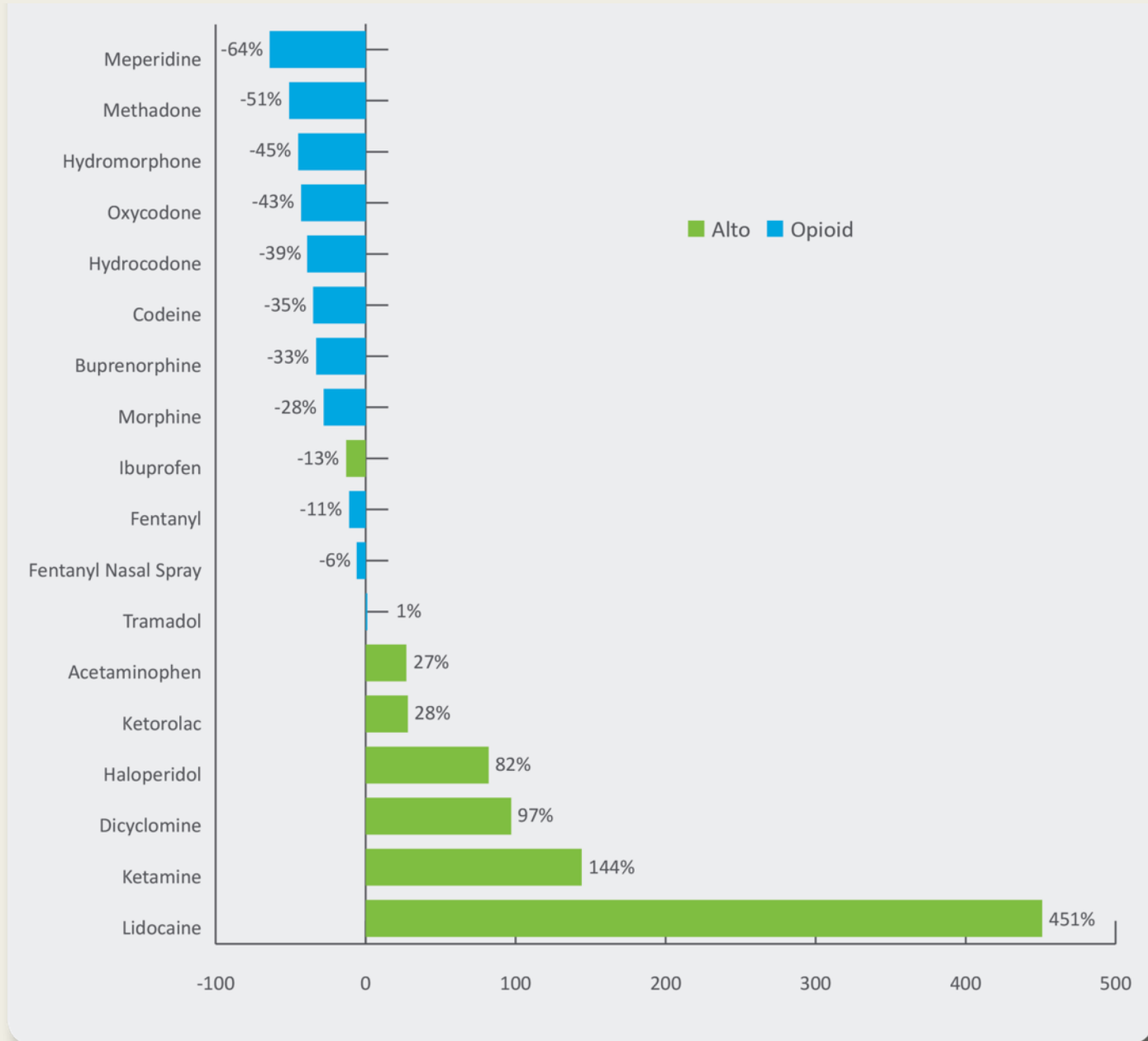


* Reductions in MEUs/visit decreased throughout the pilot period

ALTO vs. Opioid Use Over Time



Change in Medication Administration



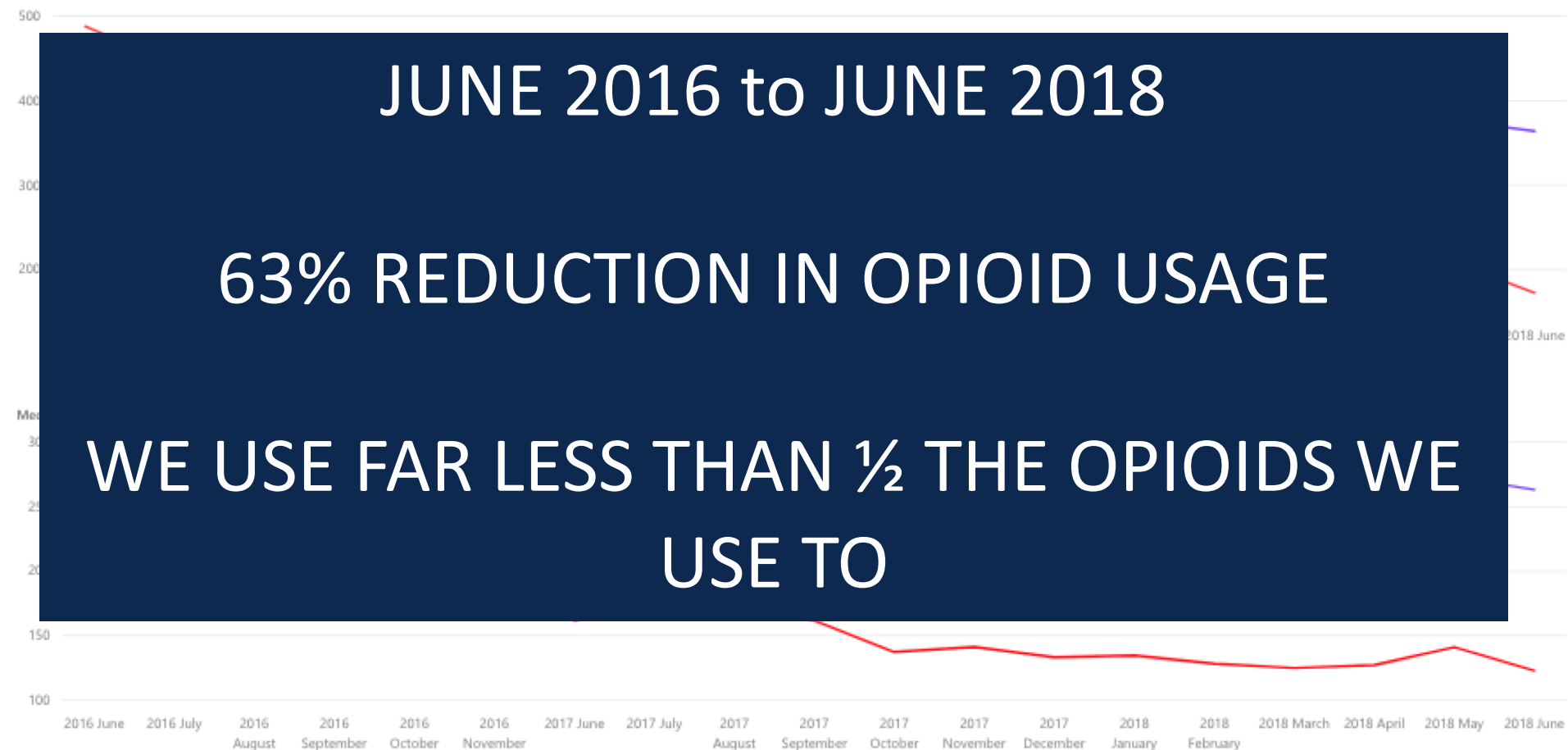
WHAT HAPPENED WHEN THE PILOT STOPPED?

Select location (for systems with multiple facilities)

Swedish

Total Pain Medication Administrations per 1,000 ED Visits

Medication ● Alto ● Opioid

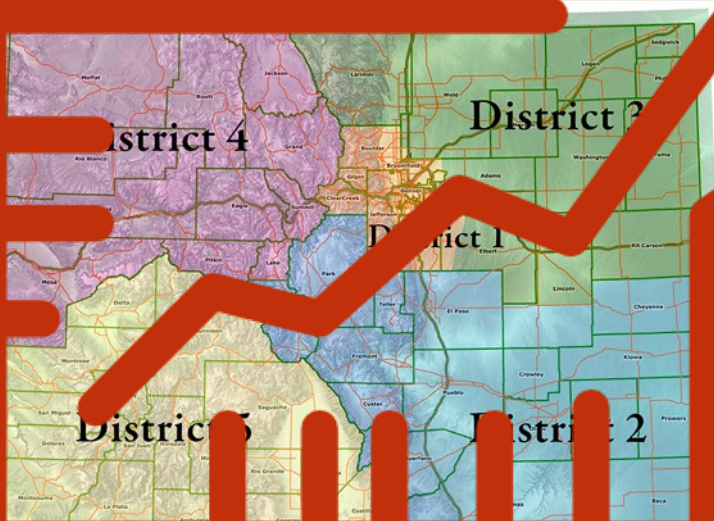


2018 - Colorado ALTO Project



HOW TO YOU MAKE IT SCALABLE?

1. Engage stake holders at all levels
2. Provide Education in Person as Much as Possible...go to the hospitals & clinicians.
 - *Over 7 regional & systems trainings in 2018...likely more*
3. Make it easy to implement for hospitals and health systems
 - *Check lists*
 - *Communication plans*
 - *Common barriers / solutions*
4. Make Education Available Online with a central resource hub:
www.cha.com/alto
5. Be available and easy to contact



Updates

1. Hundreds of clinicians trained.
2. 61 Emergency Departments in process of implementation
3. Multiple trainings planned for rest of 2018
4. Other states have adopted our COACEP Guidelines & CHA Training materials and plan to implement through their states.
5. Federal Bill had passed House. Awaiting Senate Approval. **H.R. 5197.**
“Alternatives to Opioids (ALTO) in the Emergency Department Act”



Thank you & please feel
free to contact me if any
questions.

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For More Information

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