

SD PDMP Update

Opioid Abuse Advisory Committee

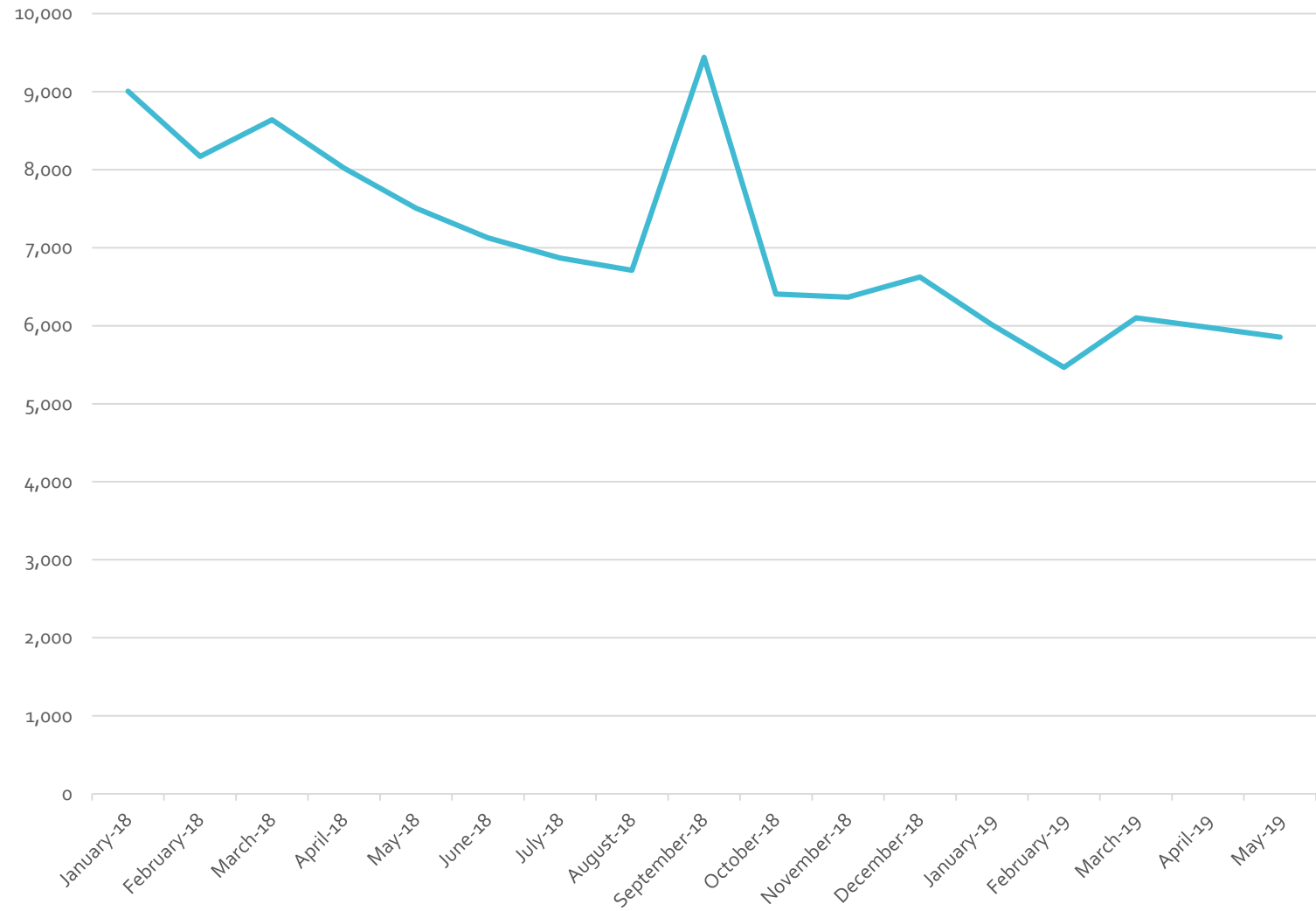
July 10, 2019

Melissa DeNoon, R.Ph., SD PDMP Director

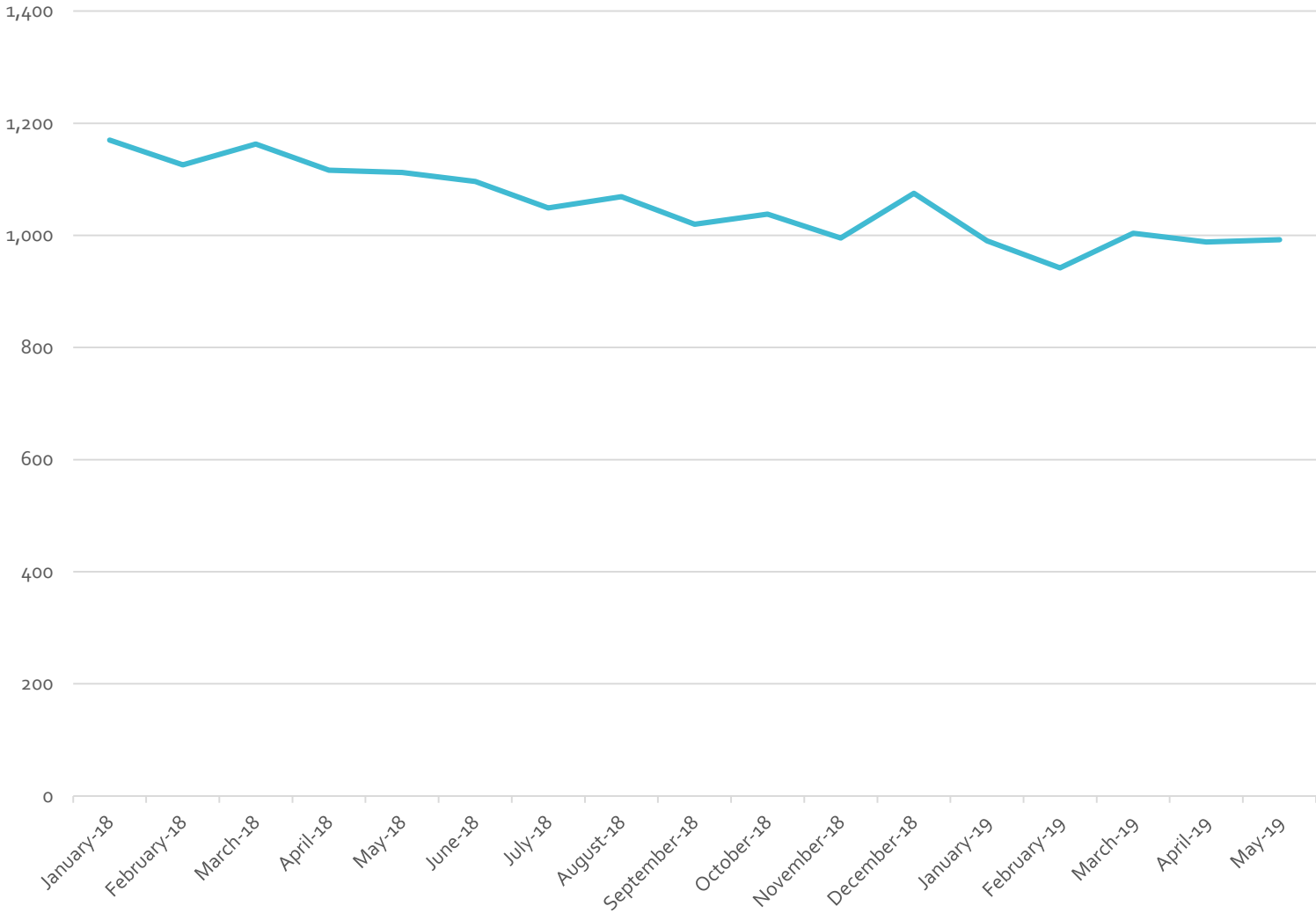
PMP AWA^Rx^E Enhancements

- Clinical Alerts
- Prescriber Reports
- Coming Soon - NarxCare

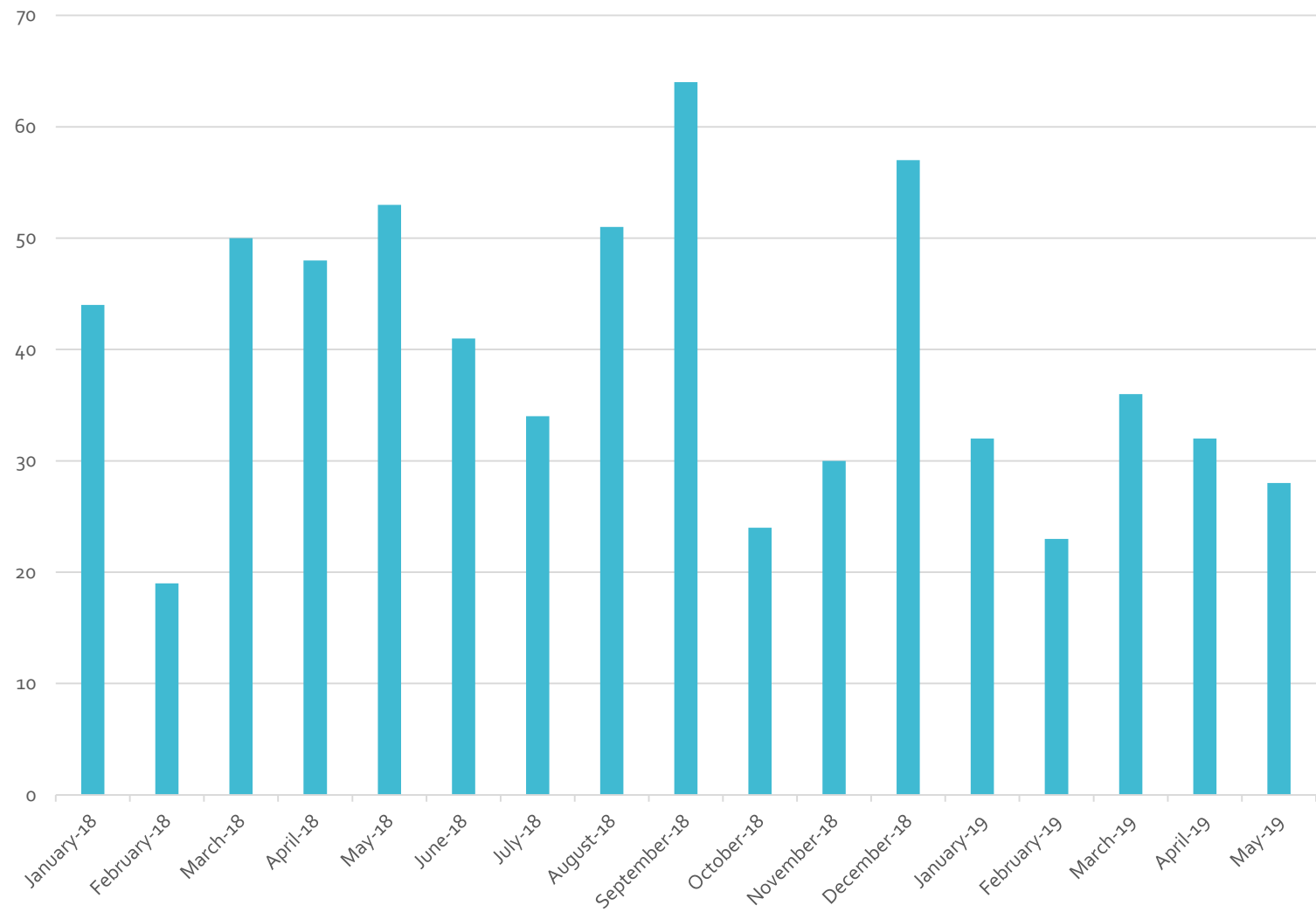
Total Clinical Alerts for All Prescribers



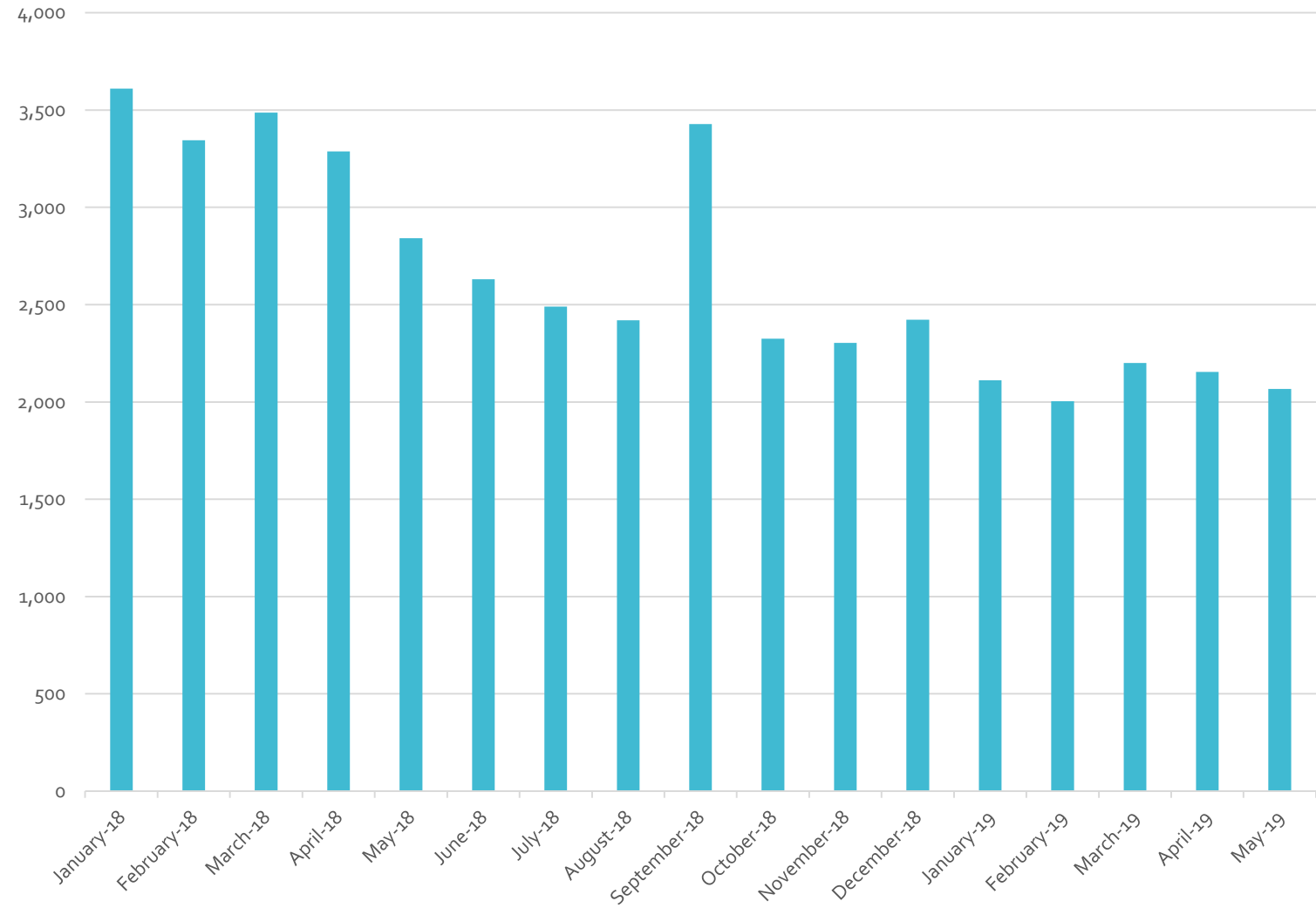
Total Prescribers Receiving Clinical Alerts



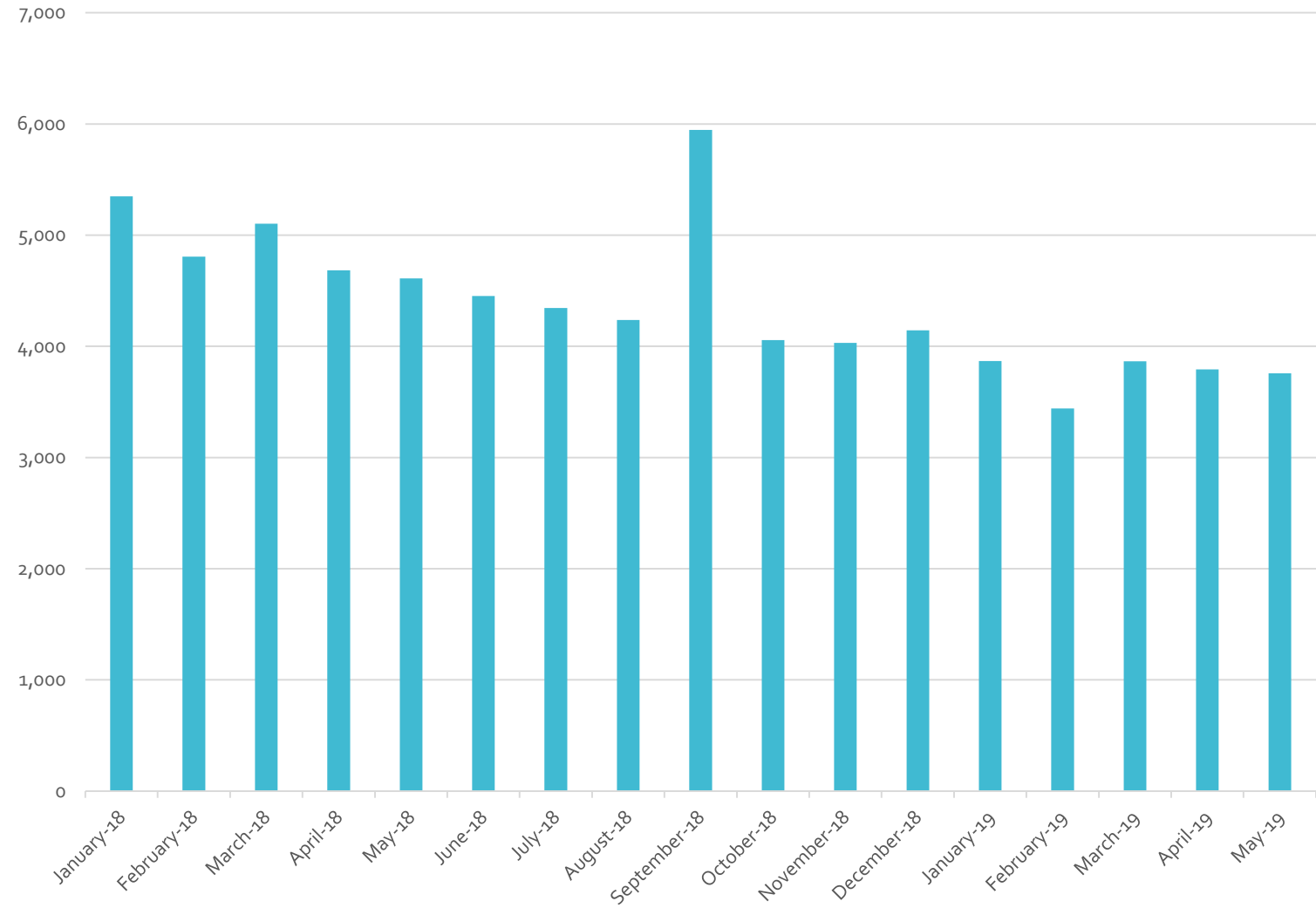
Multiple Provider Episode Threshold Alerts



Daily Active MME Threshold Alerts



Concurrent Opioid and Benzodiazepine Threshold Alerts



NarxCare – The Enhanced PDMP Report

- 2018 BJA COAP Grant Project
- Available to users accessing SD's PMP AWARxE platform through both the web portal and PMP Gateway clinical workflow integrations
- Enables a more comprehensive approach in addressing substance use disorder (SUD)
 - Analysis of rx data to provide patient risk scores
 - Visualizes usage patterns to help further ID potential risk factors
- Provides tools and resources to support patient needs
 - Printable CDC patient information sheets
 - SAMHSA supported Buprenorphine Treatment Locator

NarxCare Patient Risk Scores

Header

Scores and
Indicators

The screenshot shows the NarxCare Patient Risk Scores interface. At the top, there is a navigation bar with a 'Menu' icon and the user name 'James E. Hutzenga'. Below the navigation bar, the breadcrumb 'RxSearch > Patient Request' is visible. The main header area displays the patient's name 'MICHELLE JORDAN, 76F' and the NarxCare logo. There are two tabs: 'Narx Report' (active) and 'Resources'. The report date is '10/19/2017', and there are links for 'Download PDF' and 'Download CSV'. Below the header, there are two expandable sections: '+ JORDAN, MICHELLE' and '- Risk Indicators'. The 'Risk Indicators' section is expanded, showing three columns: 'NARX SCORES', 'OVERDOSE RISK SCORE', and 'ADDITIONAL RISK INDICATORS (3)'. The 'NARX SCORES' column shows Narcotic: 900, Sedative: 620, and Stimulant: 000. The 'OVERDOSE RISK SCORE' column shows a score of 790 (range 0-999). The 'ADDITIONAL RISK INDICATORS (3)' column lists three indicators: 1) >= 4 opioid or sedative dispensing pharmacies in any 90 day period in the last 2 years; 2) >= 5 opioid or sedative providers in any year in the last 2 years; 3) > 100 MME total and 40 MME/day average. Each column has an 'Explain this score' or 'Explain these indicators' link at the bottom.

Menu James E. Hutzenga

RxSearch > Patient Request

STATE DEPARTMENT OF HEALTH
Powered by NarxCare

MICHELLE JORDAN, 76F

Narx Report Resources

Date: 10/19/2017 Download PDF Download CSV

+ JORDAN, MICHELLE

- Risk Indicators

NARX SCORES			OVERDOSE RISK SCORE	ADDITIONAL RISK INDICATORS (3)
Narcotic	Sedative	Stimulant	790 (range 0-999)	<ul style="list-style-type: none">1 >= 4 opioid or sedative dispensing pharmacies in any 90 day period in the last 2 years1 >= 5 opioid or sedative providers in any year in the last 2 years1 > 100 MME total and 40 MME/day average
900	620	000		
Explain these scores			Explain this score	Explain these indicators

Narx Scores

- Each report contains three type-specific use scores called Narx Scores which numerically represent the PDMP data for a patient
- Narx Scores are calculated for narcotics (opioids), sedatives, and stimulants and have these characteristics:
 - Each score is three digits ranging from 000-999
 - The last digit of each score represents the number of active prescriptions of that type according to dispensation information in the PDMP
 - The scores correspond to the number of literature-based risk factors present within the PDMP data including:
 - Number of prescribers
 - Number of pharmacies
 - Amount of medication dispensed (often in MMEs)
 - Number of times a similar type of medication from different prescribers overlaps
 - The time elapsed for any risk factor will decrease its contribution to the score

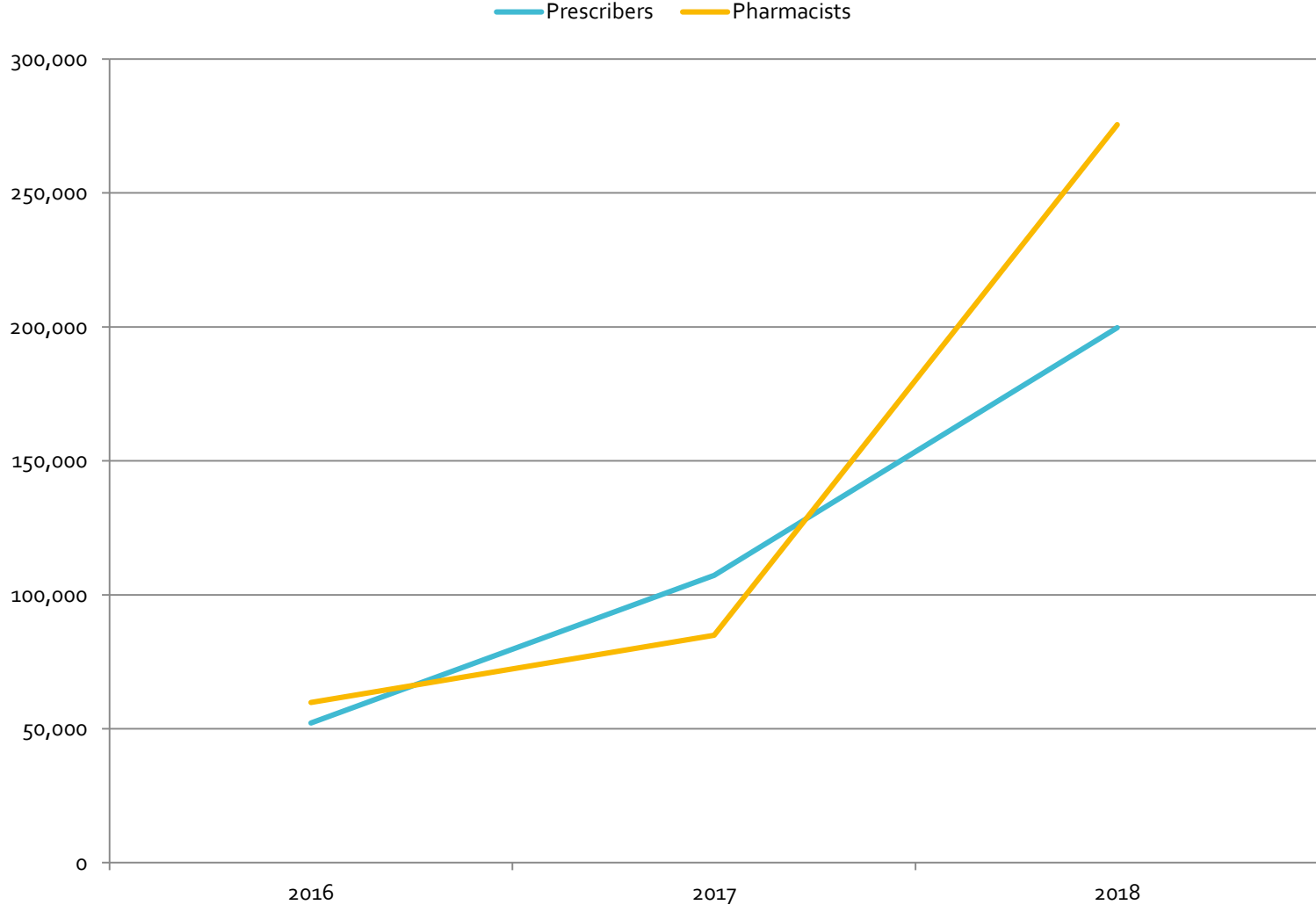
NarxCare Graph Interpretation

- Prescriptions are color coded and users can select or deselect drug type at the top of the graph
 - Narcotics (opioids) are **red**
 - Buprenorphine is **purple**
 - Sedatives (benzodiazepines, sleep aids, etc.) are **blue**
 - Stimulants are **green**
 - Other is grey
- The graph is in reverse time order; the most recent prescriptions are displayed on the left side and the oldest are on the right side
- Each graph pixel represents one day; 1 day appears as a narrow vertical bar and a 30 day rx appears as a rectangle about 1 cm wide
- The graph is interactive

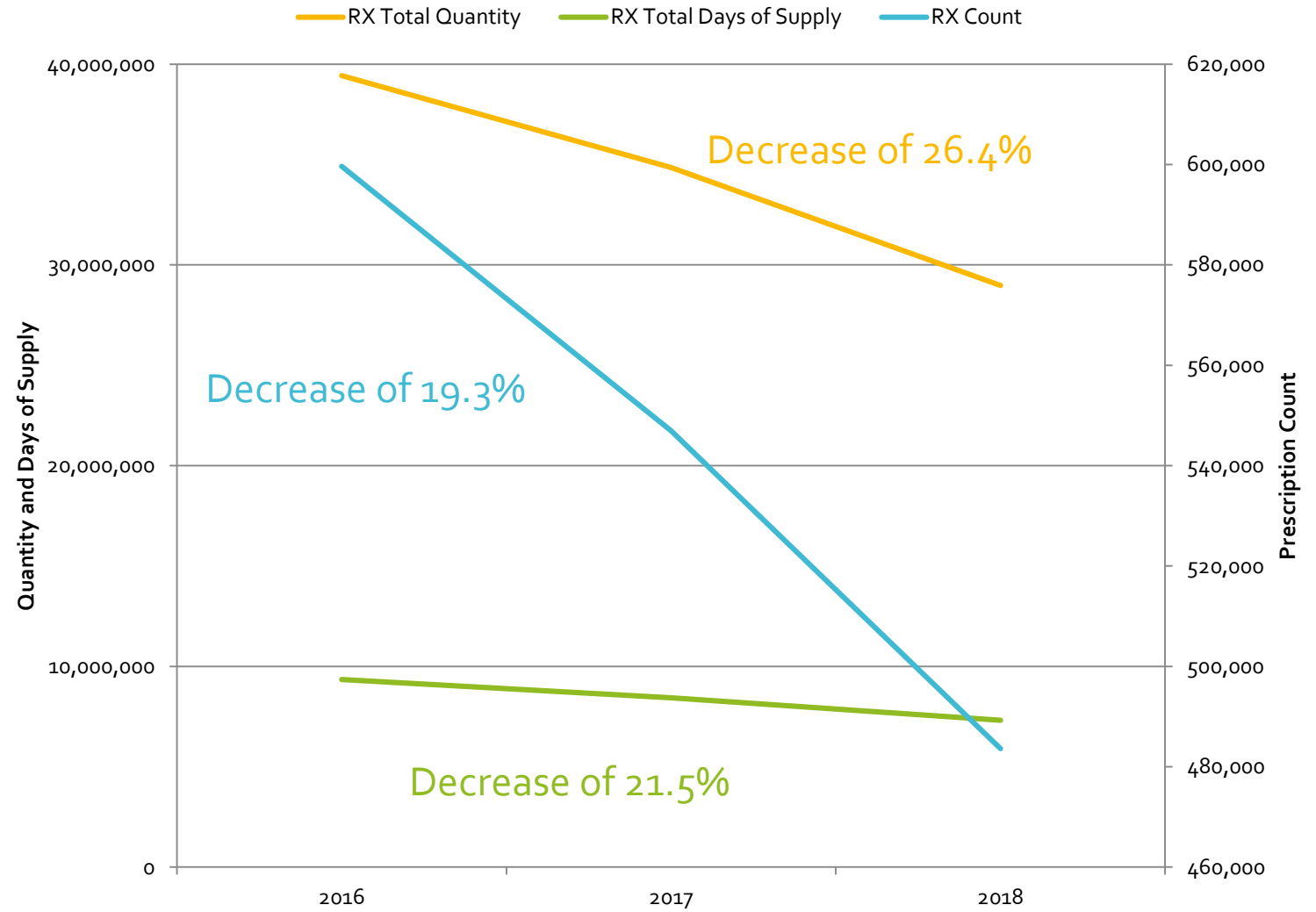
PDMP Grant Updates

- 2016 Harold Rogers PDMP Enhancement Grant
 - Sanford Integration live January 2019
 - NarxCare
 - License Integration Project
- 2018 COAP Category 5 Harold Rogers PDMP Enhancement Grant
 - NarxCare
 - Statewide Gateway Integration Project

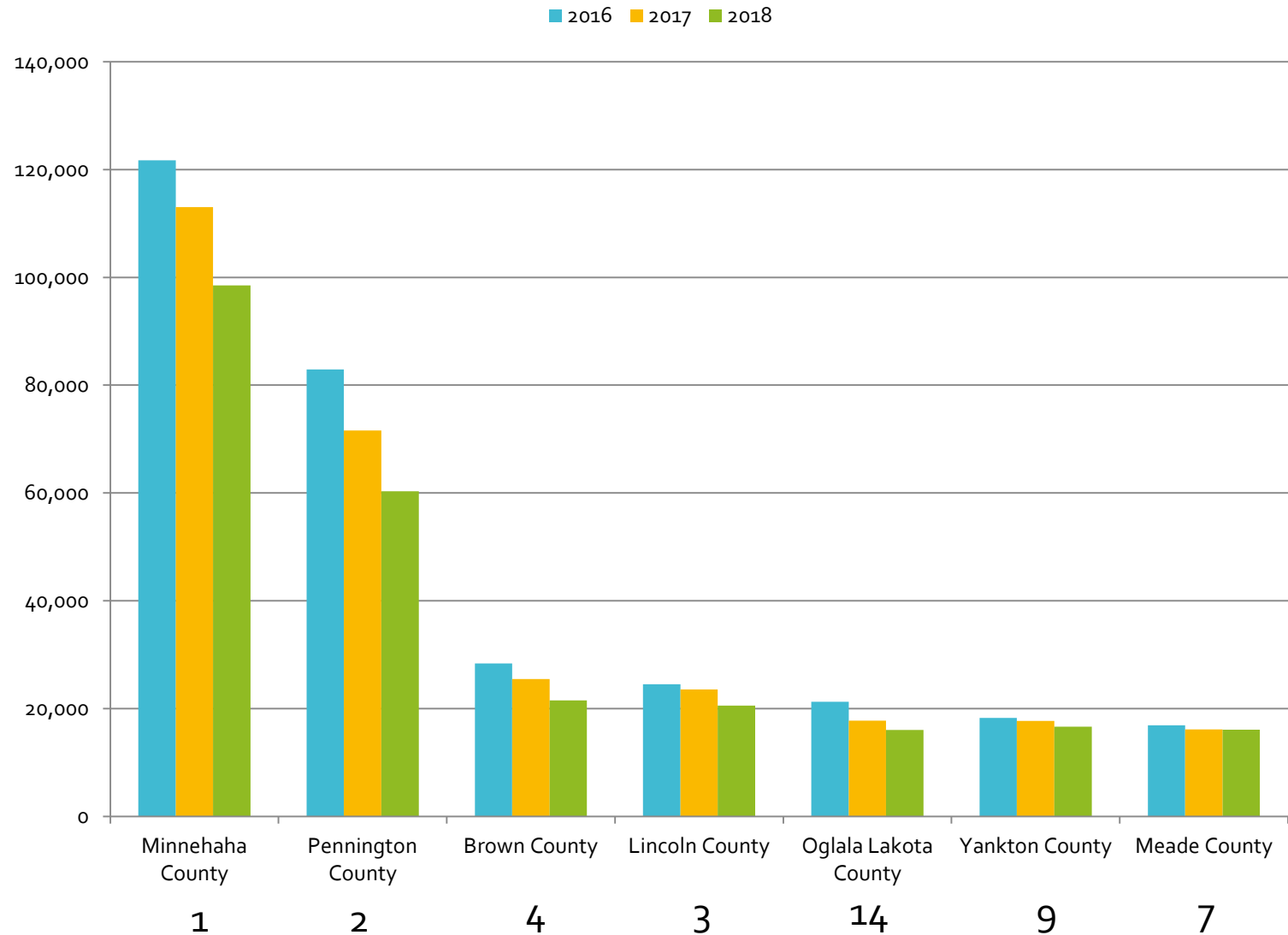
Trending Queries by SD Users



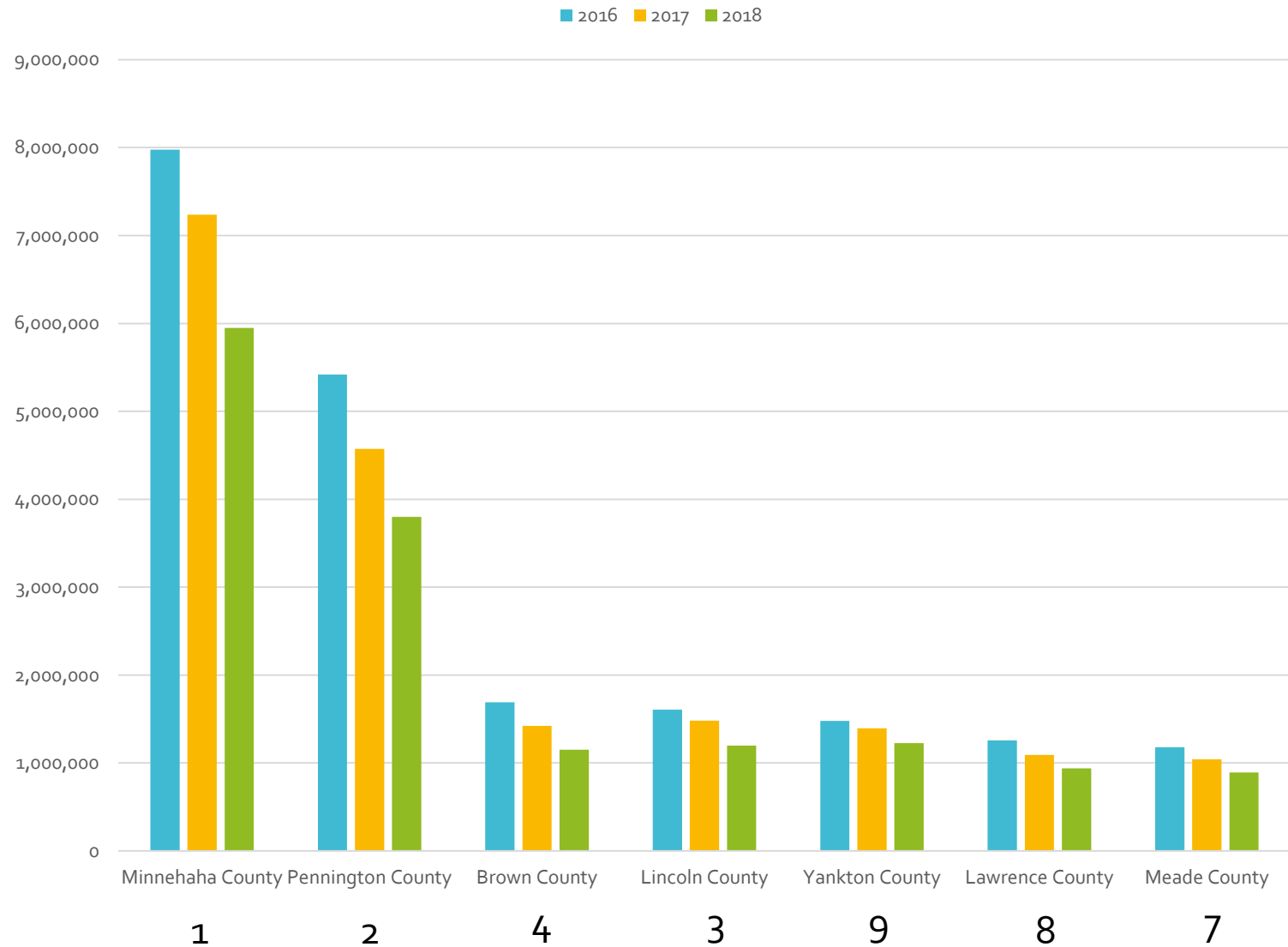
Opioid Prescriptions to SD Patients



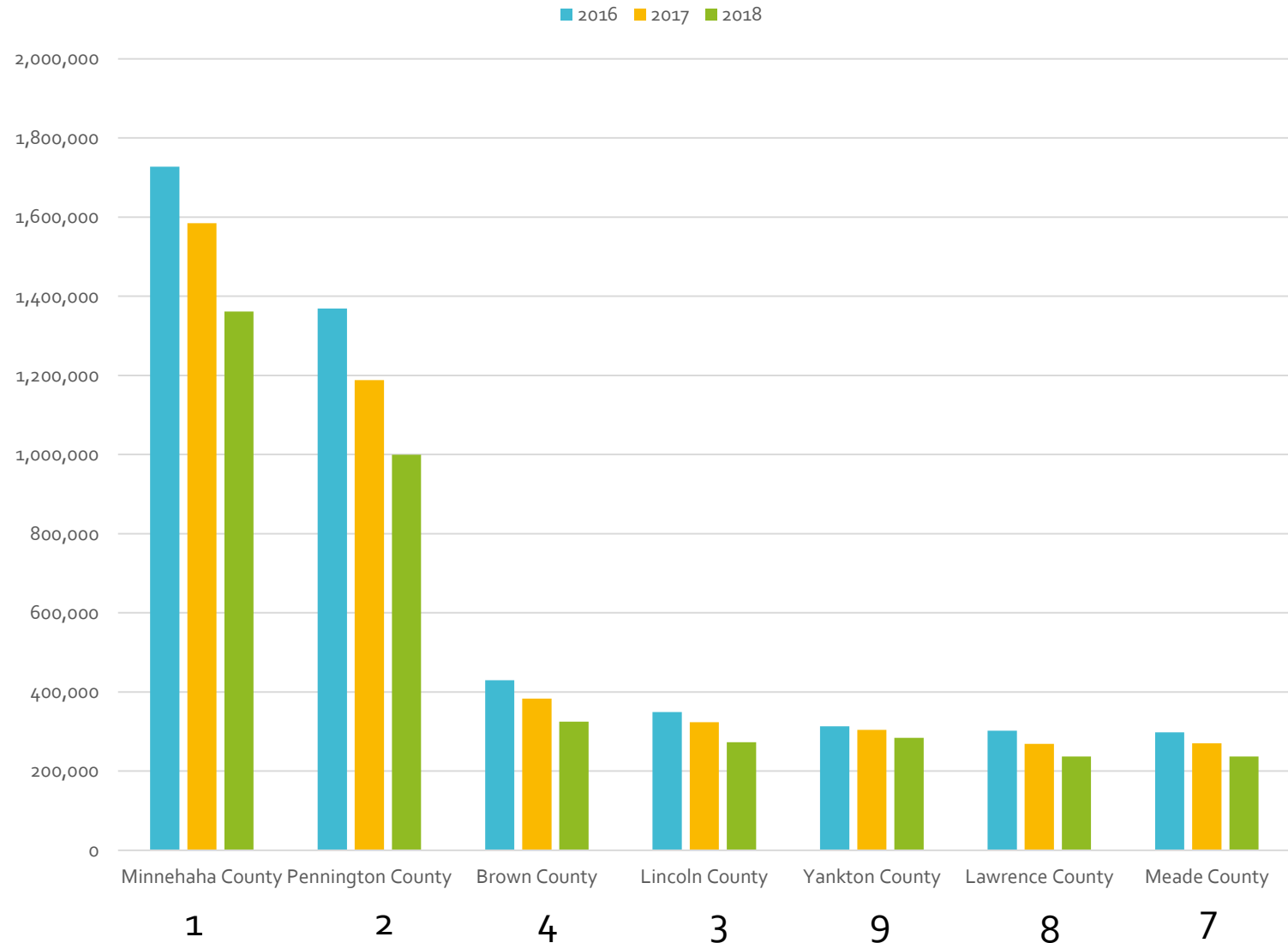
Top Patient Counties by Opioid RX Count



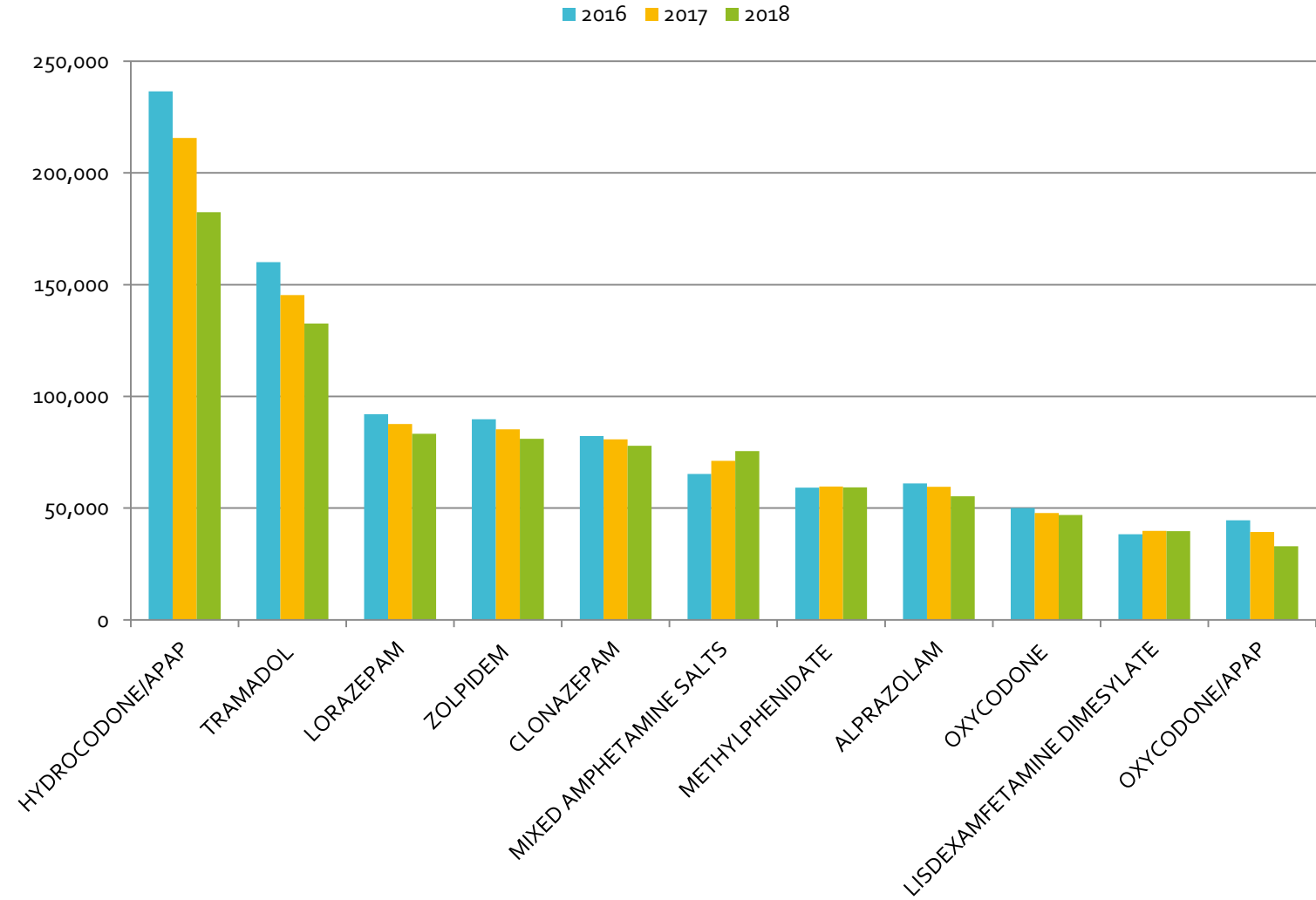
Top Patient Counties by Opioid RX Quantity



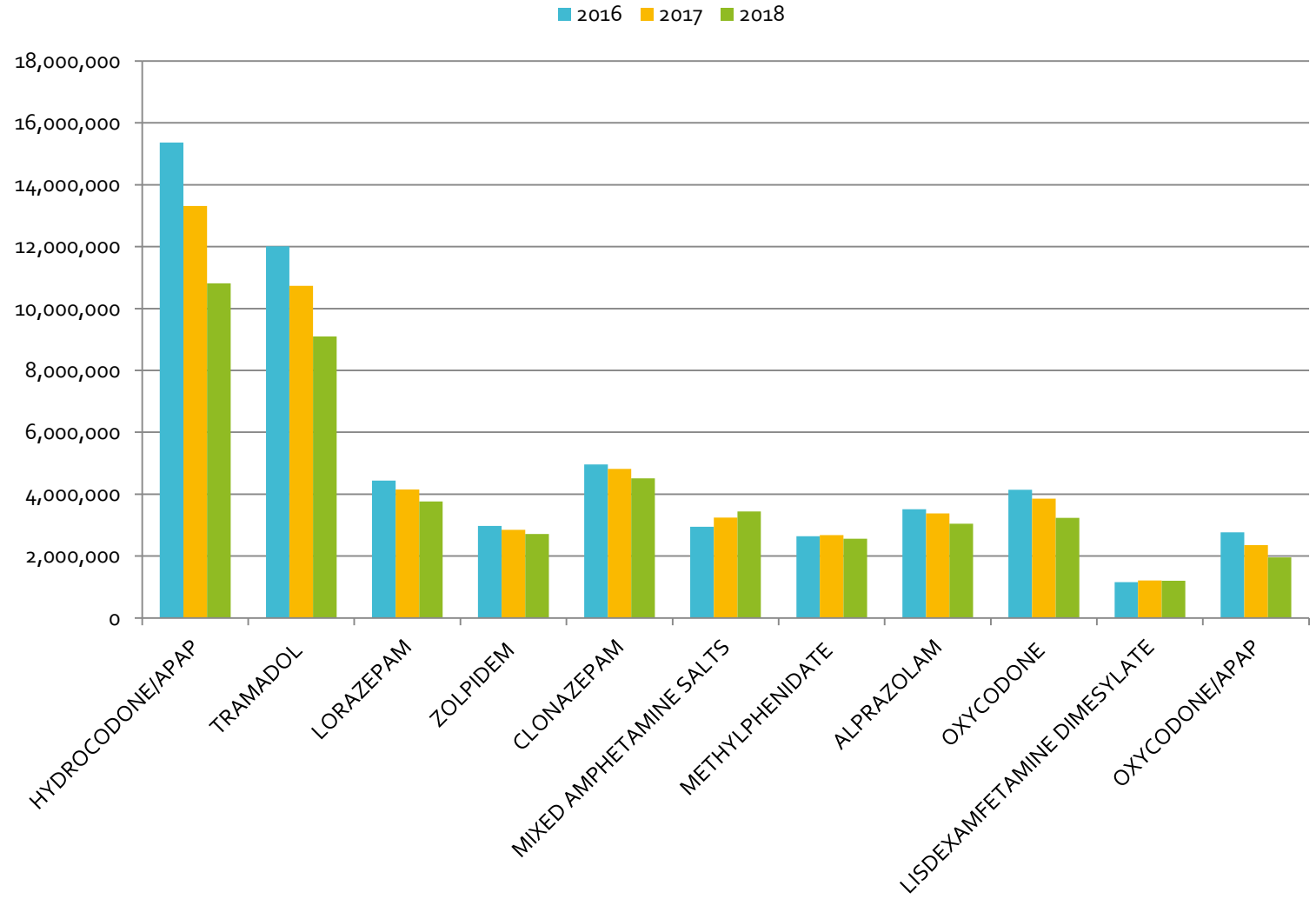
Top Patient Counties by Opioid RX Days of Supply



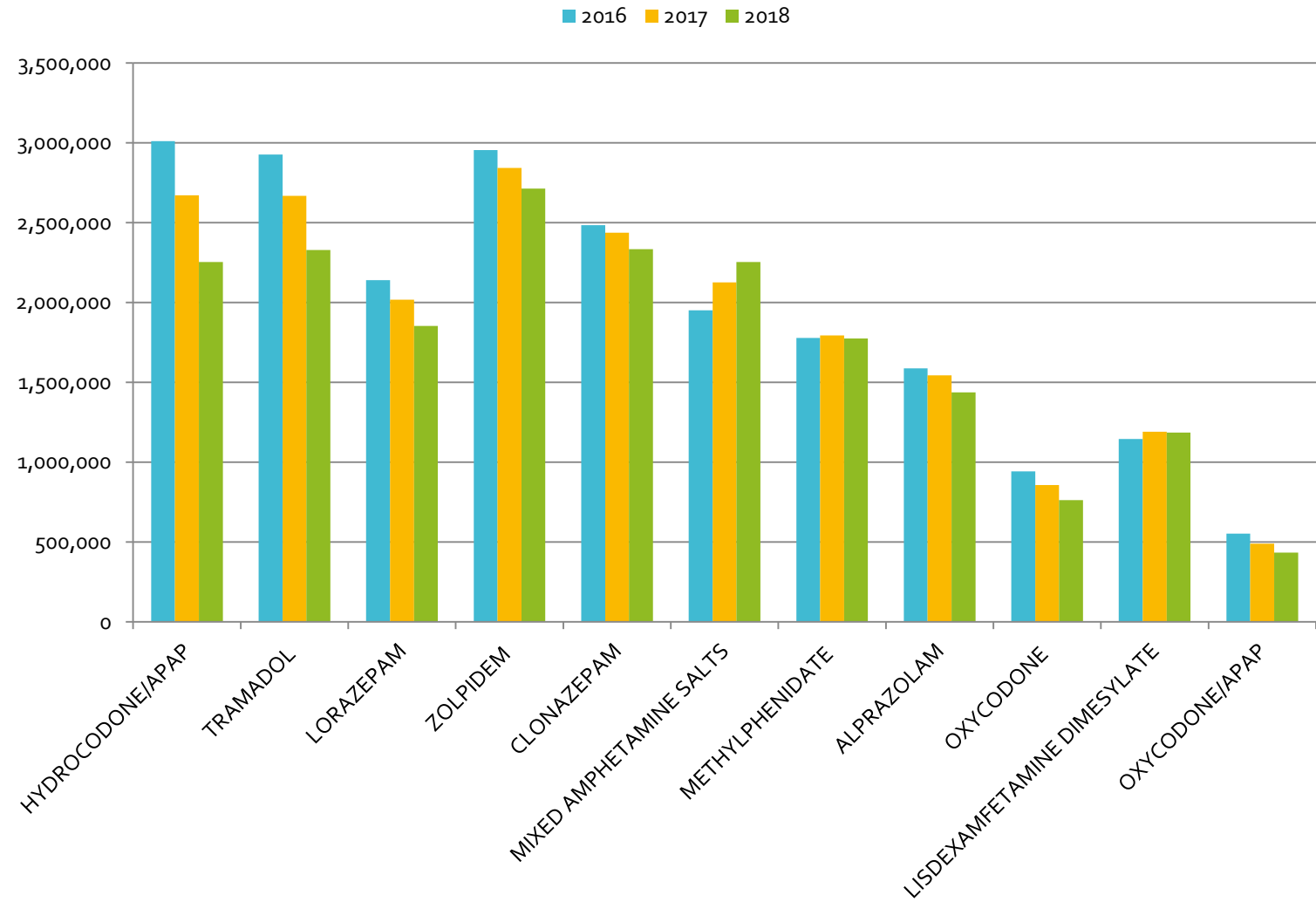
Top Ten CS YOY by RX Count



Top Ten CS YOY by RX Quantity



Top Ten CS YOY by RX Days of Supply



Questions?

