



# Opioid Prescription Drug Monitoring Surveillance Report, 2015

Opioid Taskforce Meeting  
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# Overview

- Purpose
- CURES System
- Sacramento County Prescribers Utilization
- Opioid Misuse Risk Indicators
- Recommended Actions
- Strengths & Limitations

# Purpose

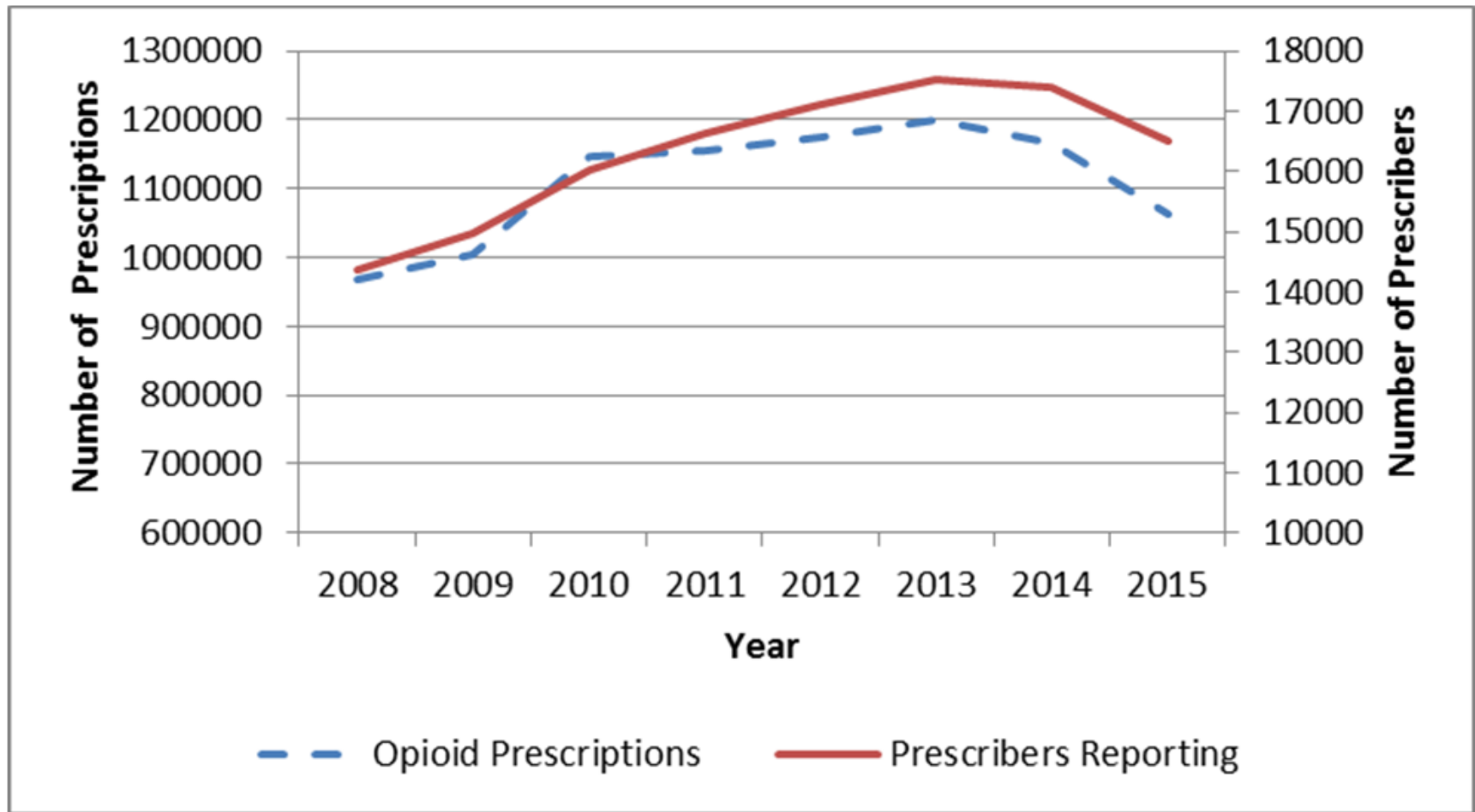
- **Identify risk factors** of prescription opioid misuse in Sacramento County
- **Provide evidence-based recommended actions** to achieve the following:
  - Improve opioid surveillance data
  - Coordinate prevention efforts
  - Establish concrete goals to reduce prescription opioid misuse

# Controlled Substance Utilization Review and Evaluation System (CURES)

CA-wide database of Schedule II-IV prescriptions  
dispensed

- 1997: CURES replaced TTP system
- 2009: searchable, client-facing component of CURES
- 2013: pharmacists must report dispensations
- 2016: Providers must register for CURES account (no requirement to search)

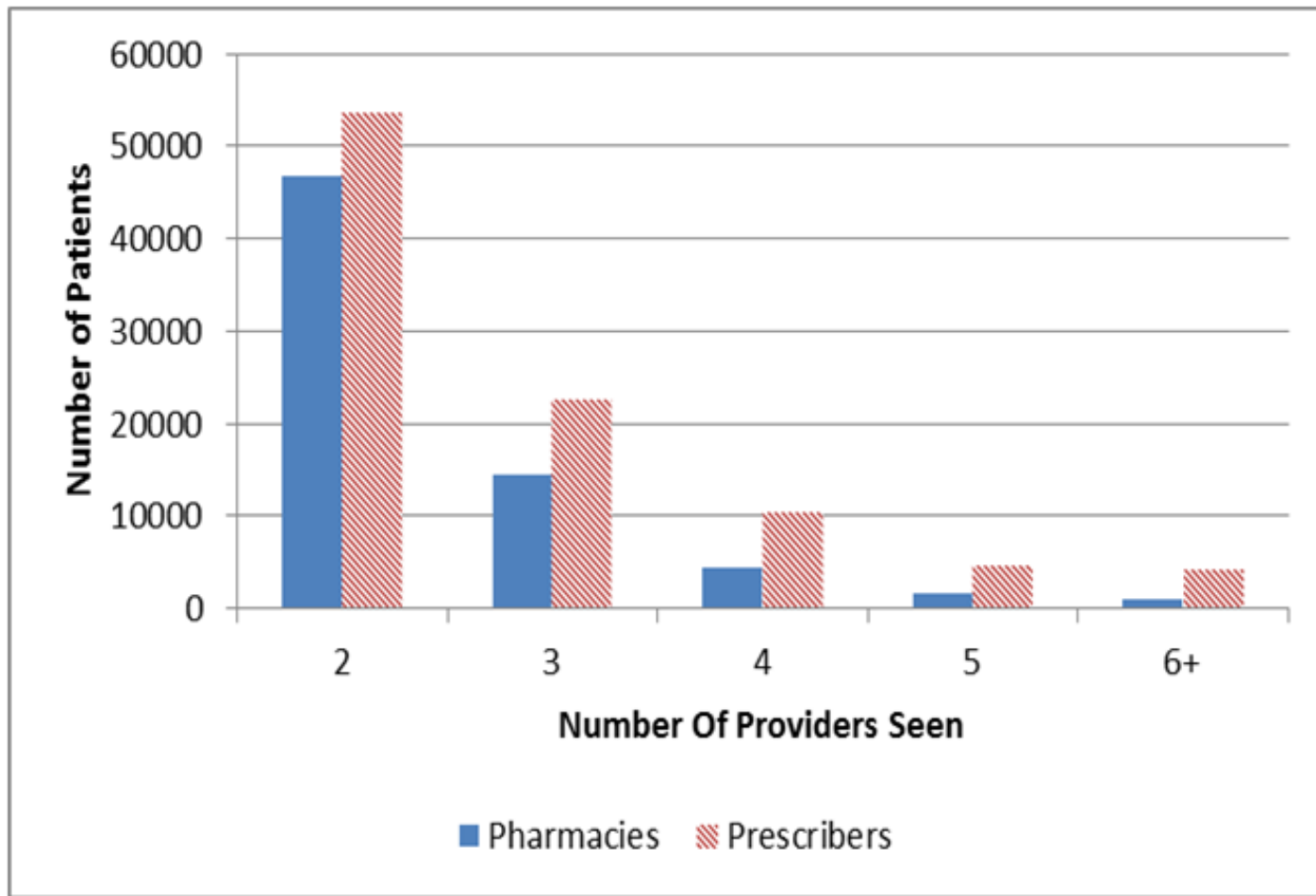
# Number of Opioid Prescriptions and Opioid Prescribers Reporting, Sacramento County, 2008-2015



# Patient Age at Date Opioid Prescription Filled, Sacramento County, 2008 & 2015

Age at Date Filled (All Opioids)	2008 Number of Patients	2015 Number of Patients	Percent Change in Patients from 2008-2015	2008 Number of Prescriptions	2015 Number of Prescriptions	Percent Change in Prescriptions from 2008-2015
0-1	47	280	495.7%	113	488	331.9%
2-17	7,410	7,681	3.7%	9,760	9,517	-2.5%
18-29	49,480	42,082	-15.0%	106,660	78,462	-26.4%
30-39	44,722	44,290	-1.0%	140,468	128,190	-8.7%
40-49	50,312	42,047	-16.4%	211,812	166,850	-21.2%
50-59	49,480	54,353	9.8%	230,438	267,768	16.2%
60-69	29,964	44,032	46.9%	128,750	225,988	75.5%
70+	36,831	42,844	16.3%	140,100	186,666	33.2%

# Multiple Number of Opioid Prescribers, Pharmacies Seen by Patients, Sacramento County, 2015



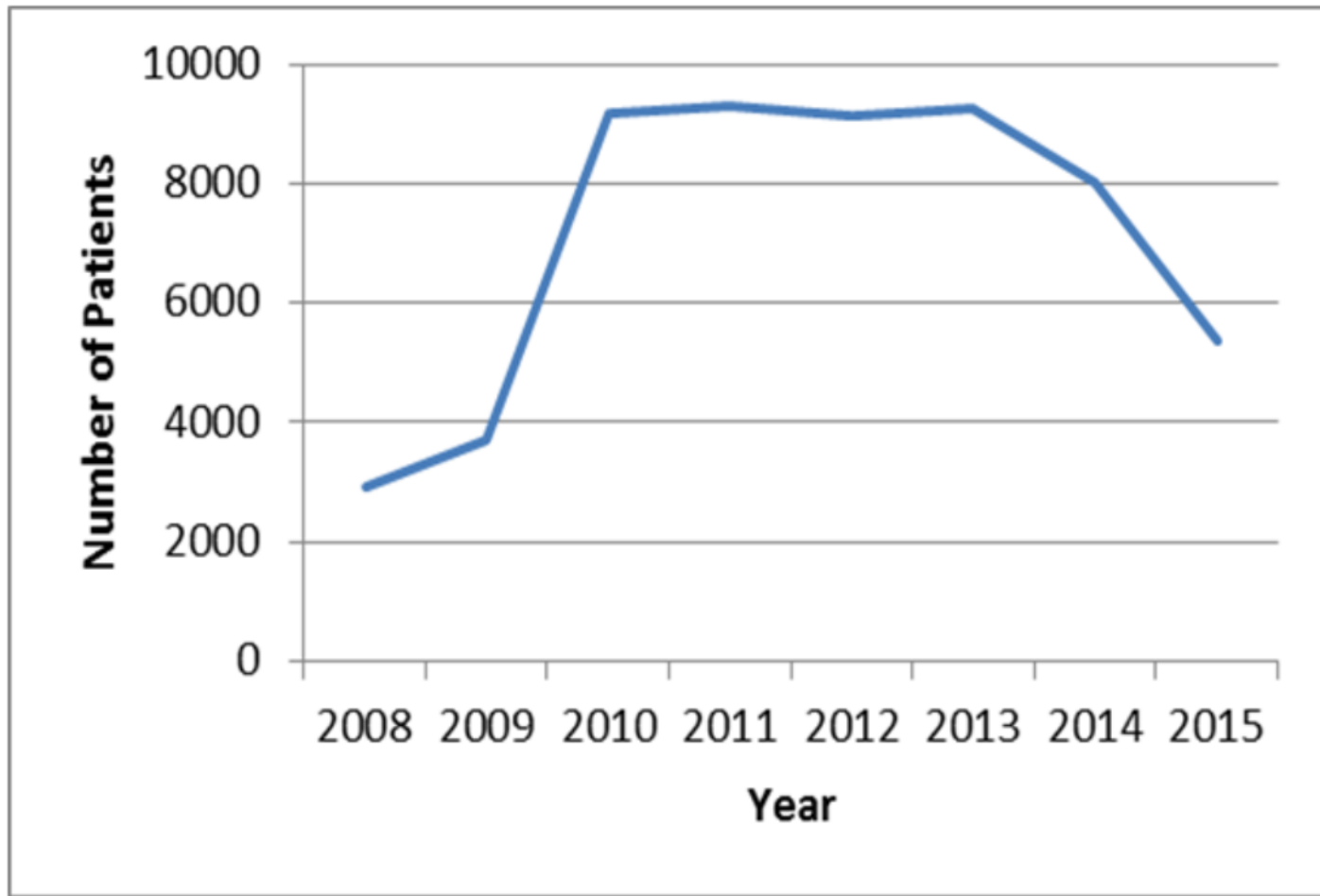
Patients Receiving  $\geq$  30-Day Continuous Supply of Opioid  
Prescriptions\*  $\geq$  90 MME and  $\geq$  120 MME per Day,  
Sacramento County, 2008-2015

	90 MME		120 MME	
	Percent of Patients	Number of Prescriptions	Percent of Patients	Number of Prescriptions
<b>2008</b>	11.9%	72,846	7.3%	49,568
<b>2009</b>	12.6%	88,182	7.7%	60,278
<b>2010</b>	13.0%	134,386	7.7%	89,344
<b>2011</b>	13.0%	139,526	7.8%	92,240
<b>2012</b>	13.1%	142,117	8.1%	94,299
<b>2013</b>	12.8%	142,415	7.9%	93,072
<b>2014</b>	12.8%	138,504	8.1%	89,711
<b>2015</b>	13.2%	129,327	8.2%	82,237

*\*Excludes buprenorphine and methadone*



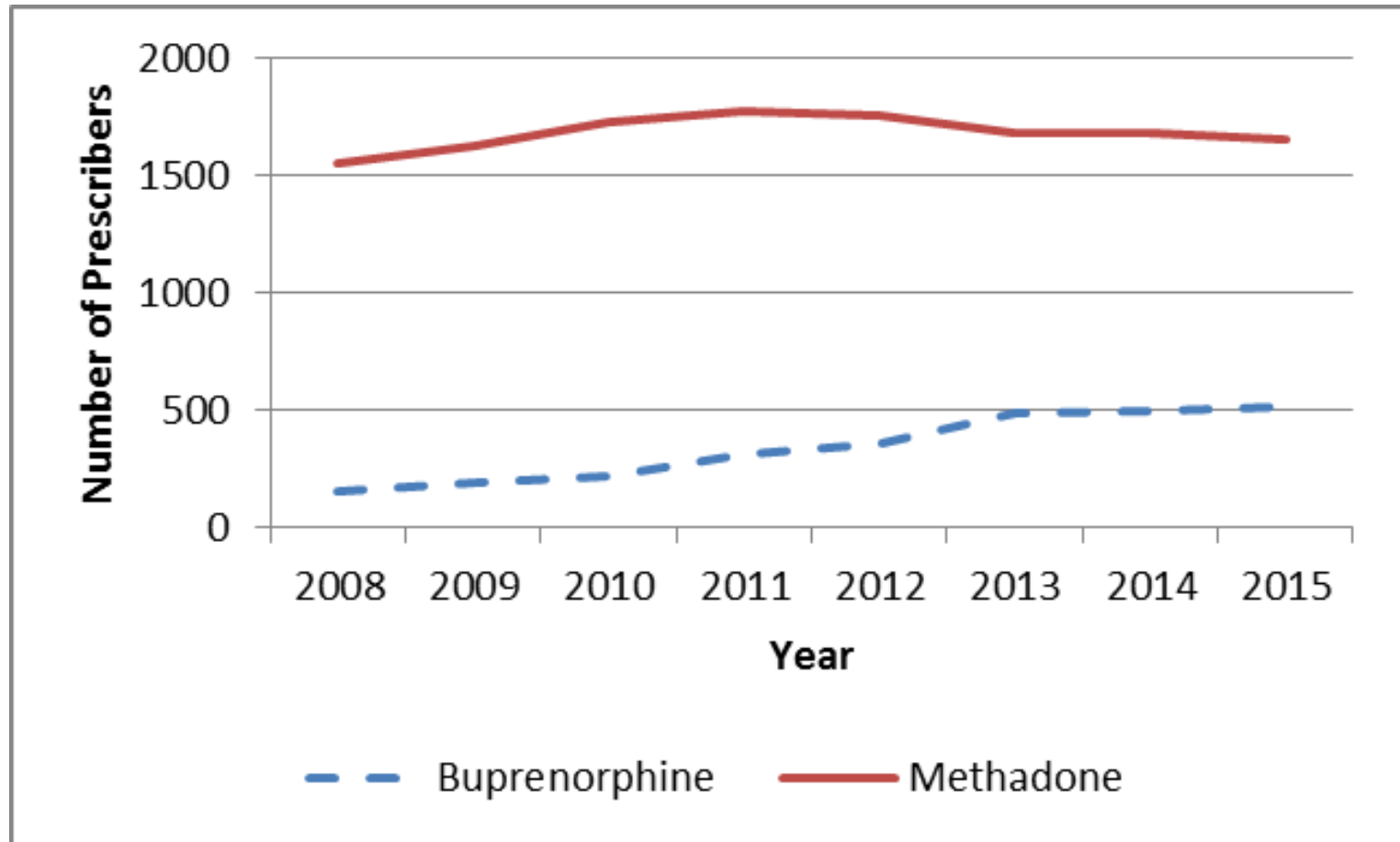
# Number of Patients with Overlapping Opioid and Benzodiazepine Prescriptions, Sacramento County, 2008-2015



# Percent of Opioid-Naïve Patients Prescribed Long-Acting (LA) or Extended-Release (ER) Opioids by Year, Sacramento County, 2009-2015

	2009	2010	2011	2012	2013	2014	2015
<b>Number of Naïve Patients with LA or ER Prescriptions</b>	4,357	4,000	4,040	3,664	3,521	3,509	3,422
<b>Percent of all Patients on LA/ER Opioids who were Naïve</b>	32.0%	29.5%	31.0%	30.4%	31.9%	33.5%	34.9%

# Number of Prescribers Reporting Buprenorphine, Methadone Prescriptions by Year, Sacramento County, 2008-2015



# Recommended Actions

## Establish Goals for 2020

- Eliminate doctor-shopping
- Decrease by 25%
  - # high dose opioid rx's
  - # overlapping opioid/benzo rx's
- Reduce % opioid-naïve patient prescribed LA or ER opioid by 15%
- Add increase buprenorphine providers?

## Improve Surveillance

- Provider data entry training
- Petition for more complete CURES datasets
- Engage CDPH Opioid Data Taskforce

## Coordinate prevention efforts

- Continue/strengthen opioid taskforce collaboration
- Utilize CDC & CDPH guidance

# Strengths & Limitations

## Strengths

- Large sample size
  - >8.5 million prescriptions
  - 46,424 prescribers
  - 1,227,602 patients
- Indicators adapted from widely-accepted lists developed by reputable health entities

## Limitations

- Data from voluntary reporting years
- Dataset not include:
  - % prescribers registered
  - Prescriber type
  - Patient location
- Methodological issues
  - Field standardization
  - Missing fields

Read the [full report](#) on our [website](#)

**THANK YOU!**

# CDC Indicators for Prescription Opioid Misuse, with Sacramento County 2015 Results

Indicator	2015 Report
Percent of prescribers registered	N/A*
Number of pharmacists registered	N/A*
Number, rate of opioid analgesics per 1,000 residents	Number: 1,063,929 (excluding buprenorphine and methadone) Rate: 677.9
Percent of patients receiving >90 MME daily dose of opioid analgesics	35,899
Rate of Multiple provider episodes for prescription opioids per 100,000 residents	15.2
Percent of patients prescribed long-acting / extended release opioids who were opioid naïve	34.9%
Percent of patient prescription days with overlapping opioid prescriptions	67.6% (of overlapping prescriptions)
Percent of patient prescription days with overlapping opioid and benzodiazepine prescription	50.1%

\*Registration numbers not provided.

# Brandeis University Indicators for Prescription Opioid Misuse, with Sacramento County 2015 Results

<b>Indicator</b>	<b>2015 Report</b>
<b>Opioid prescriptions per 1,000 residents (excluding buprenorphine)</b>	1,370.3
<b>MME per resident per year (excluding buprenorphine)</b>	25.8
<b>Hydrocodone (Norco 5mg equivalent) per resident per year</b>	19.4
<b>Residents on &gt; 100 MME daily for at least 30 days</b>	29,390
<b>Residents on 40 mg or more of methadone for at least 30 days</b>	0
<b>Residents on combo opioid/benzodiazepine for at least 30 days</b>	5,353
<b>Residents on 90 sequential days of opioids per 1,000</b>	1.6
<b>Residents using 6+ prescribers or pharmacies</b>	Prescribers: 4,339 Pharmacies: 960