Opioid Prescription Drug Monitoring Surveillance Report, 2015

Opioid Taskforce Meeting
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Presenter:

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Overview

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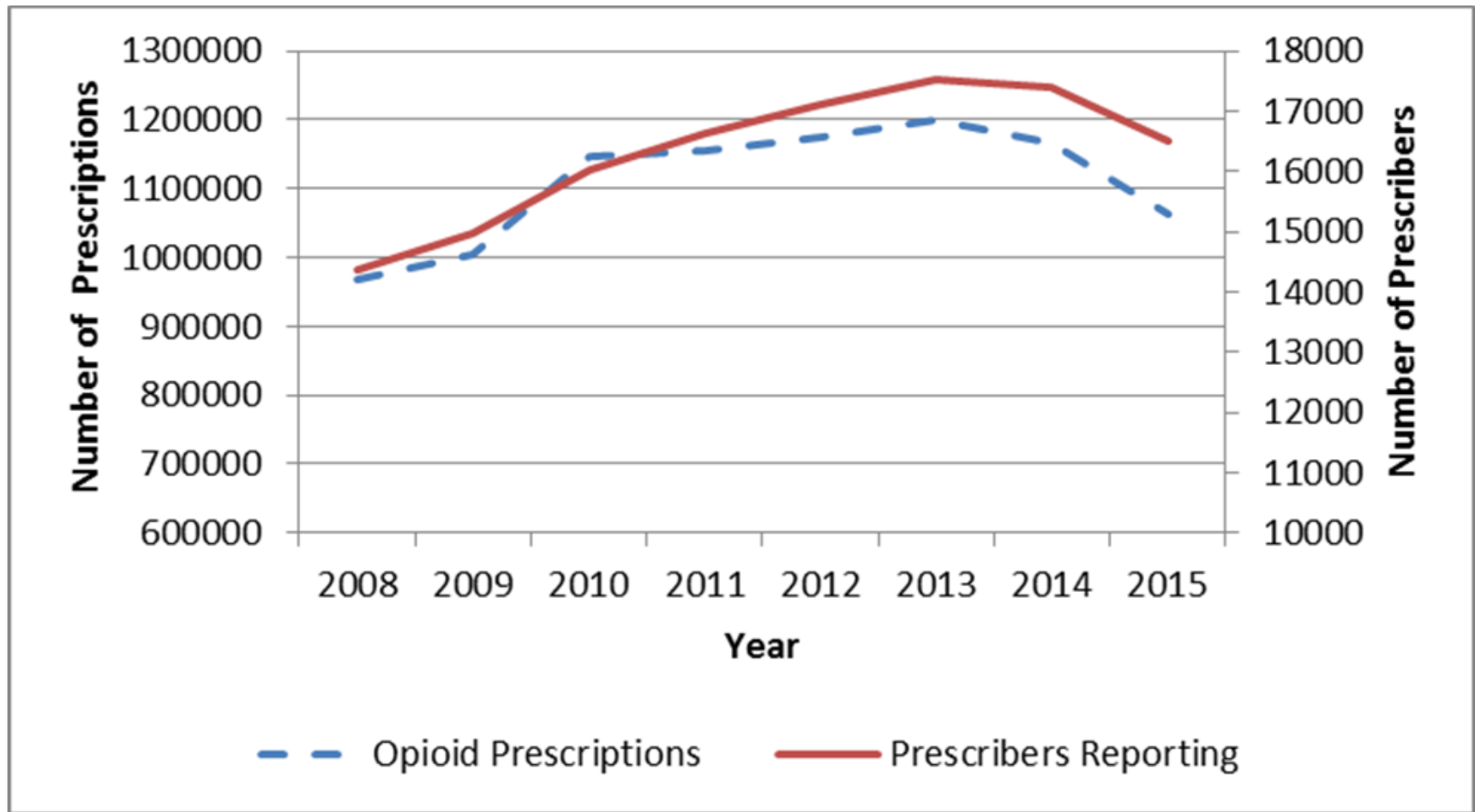- Strengths & Limitations

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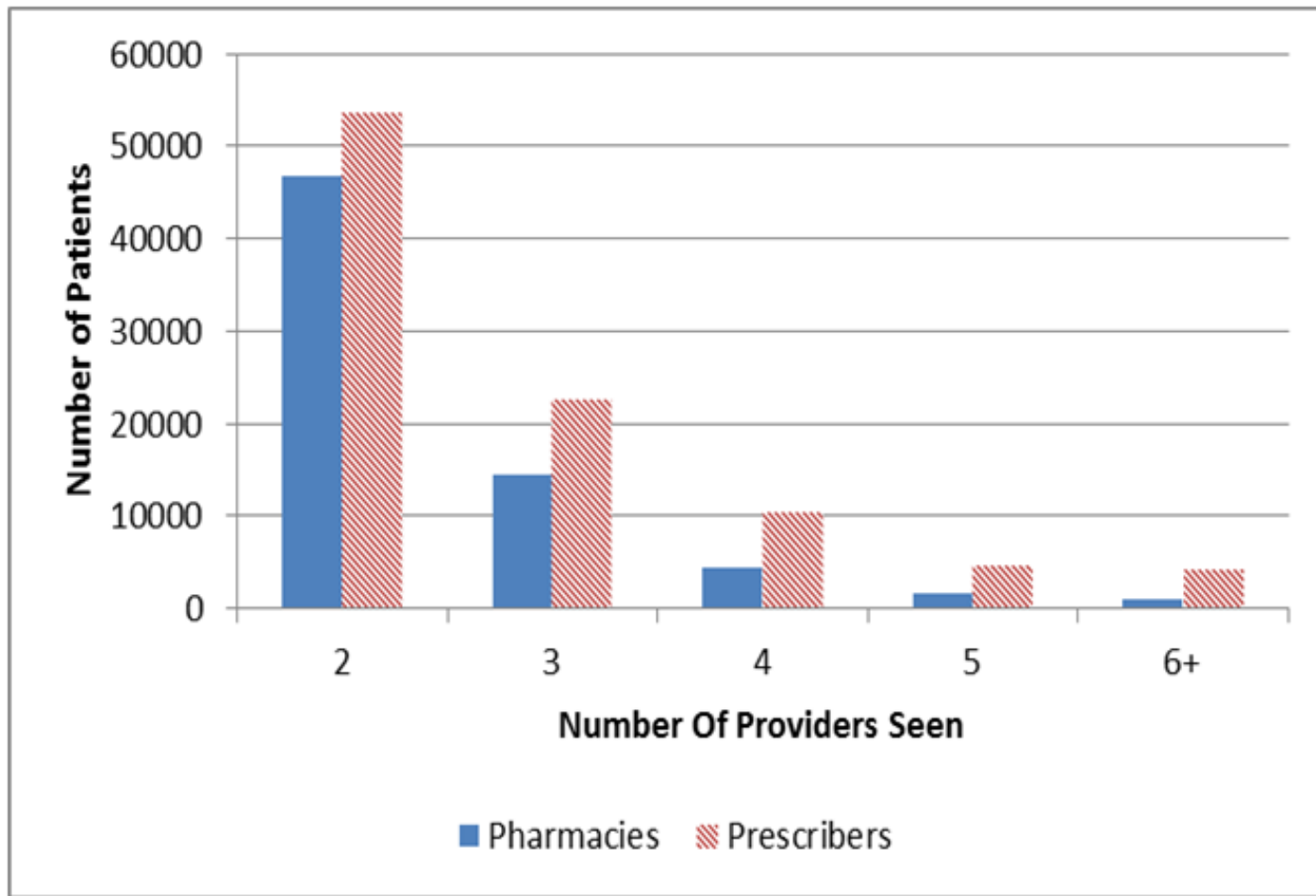
Number of Opioid Prescriptions and Opioid Prescribers Reporting, Sacramento County, 2008-2015

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%

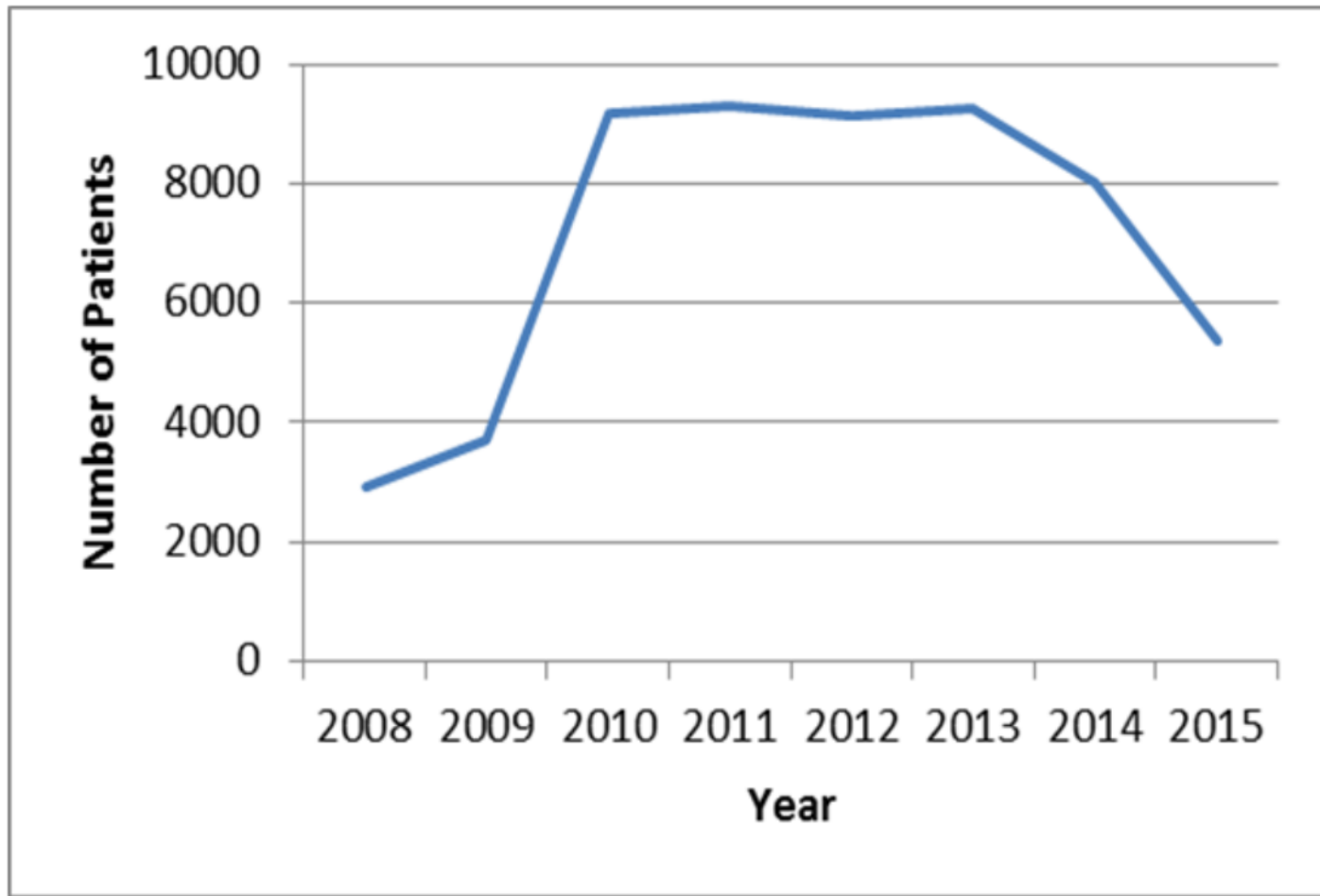# Multiple Number of Opioid Prescribers, Pharmacies Seen by Patients, Sacramento County, 2015

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

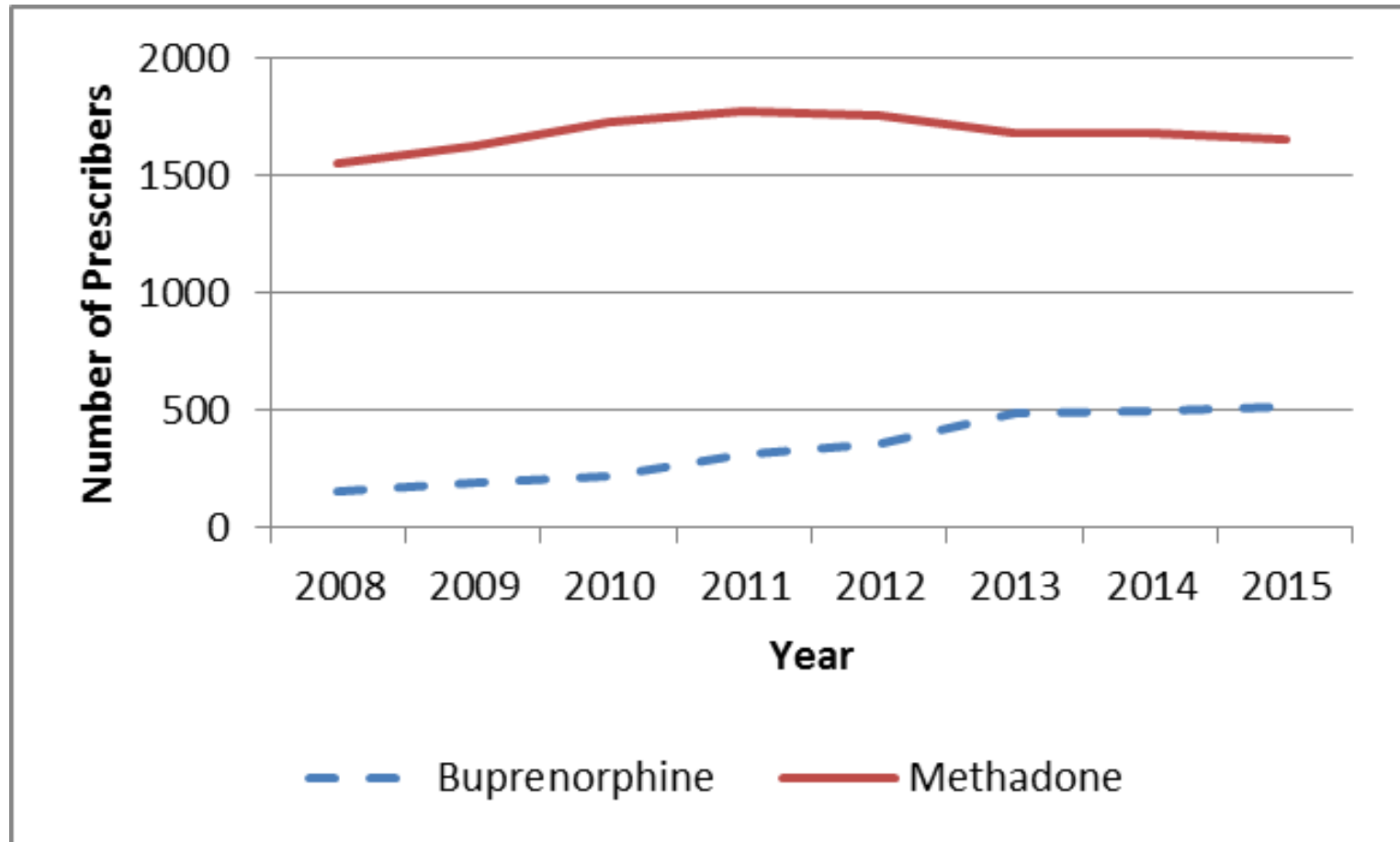|	90 MME		120 MME	
	Percent of Patients	Number of Prescriptions	Percent of Patients	Number of Prescriptions
2008	11.9%	72,846	7.3%	49,568
2009	12.6%	88,182	7.7%	60,278
2010	13.0%	134,386	7.7%	89,344
2011	13.0%	139,526	7.8%	92,240
2012	13.1%	142,117	8.1%	94,299
2013	12.8%	142,415	7.9%	93,072
2014	12.8%	138,504	8.1%	89,711
2015	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
Number of Naïve Patients with LA or ER Prescriptions	4,357	4,000	4,040	3,664	3,521	3,509	3,422
Percent of all Patients on LA/ER Opioids who were Naïve	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

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