

How can we combat the opioid epidemic

Jenn Waljee

Chad Brummett

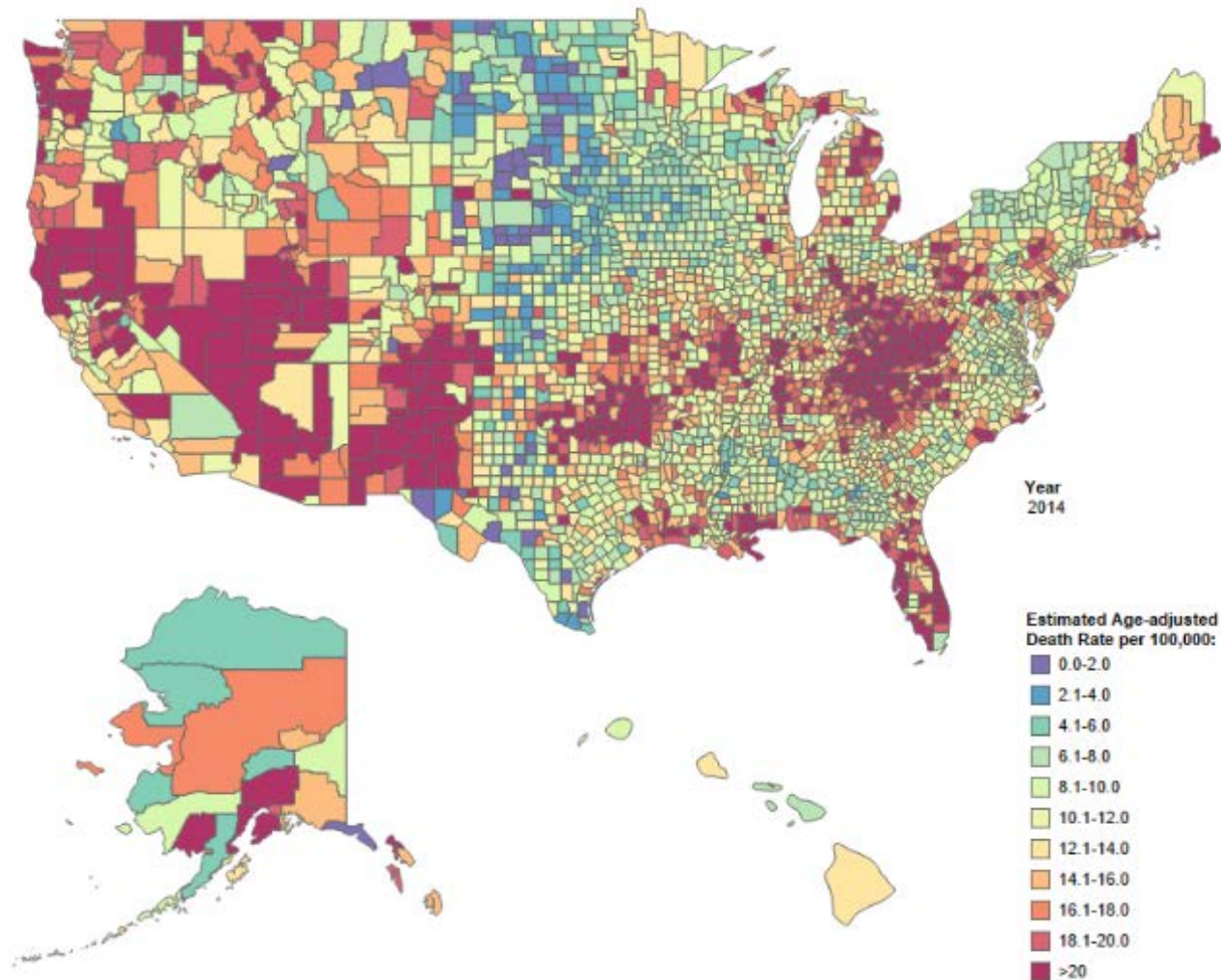
Mike Englesbe

Opioid dependence is the most significant public health threat in the United States.

How can we fix this problem

Who owns this problem

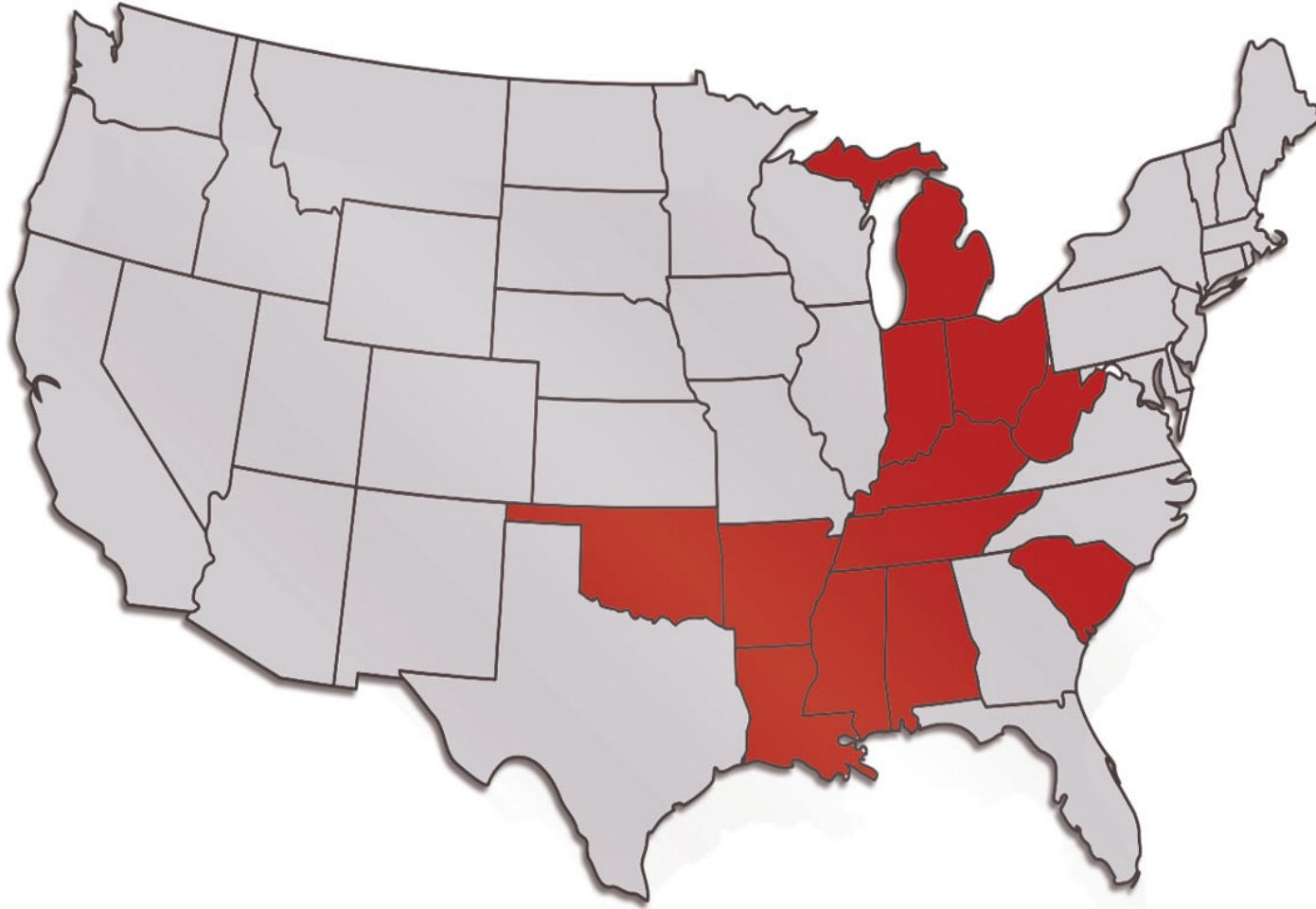
Drug Poisoning Mortality: 2014



Designed by L. Rossen, B. Bastian & Y. Chong. SOURCE: CDC/NCHS, National Vital Statistics System.

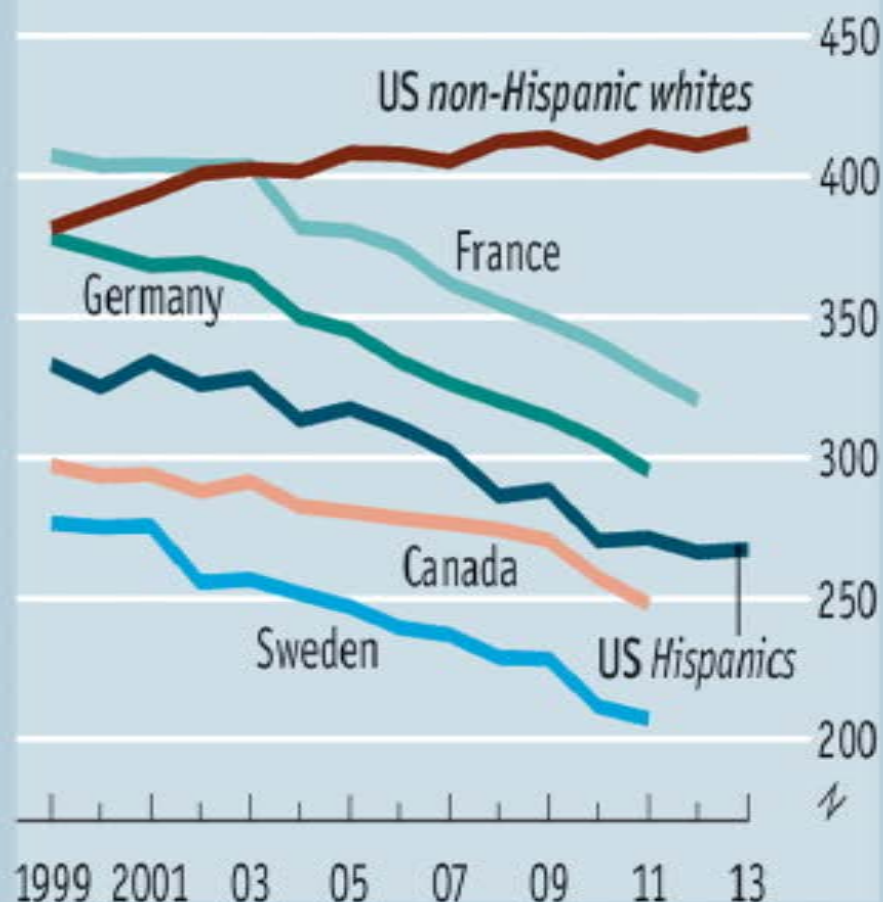
Obtained from <https://blogs.cdc.gov/nchs-data-visualization/drug-poisoning-mortality/>

12 STATES HAVE MORE PAINKILLER PRESCRIPTIONS THAN PEOPLE

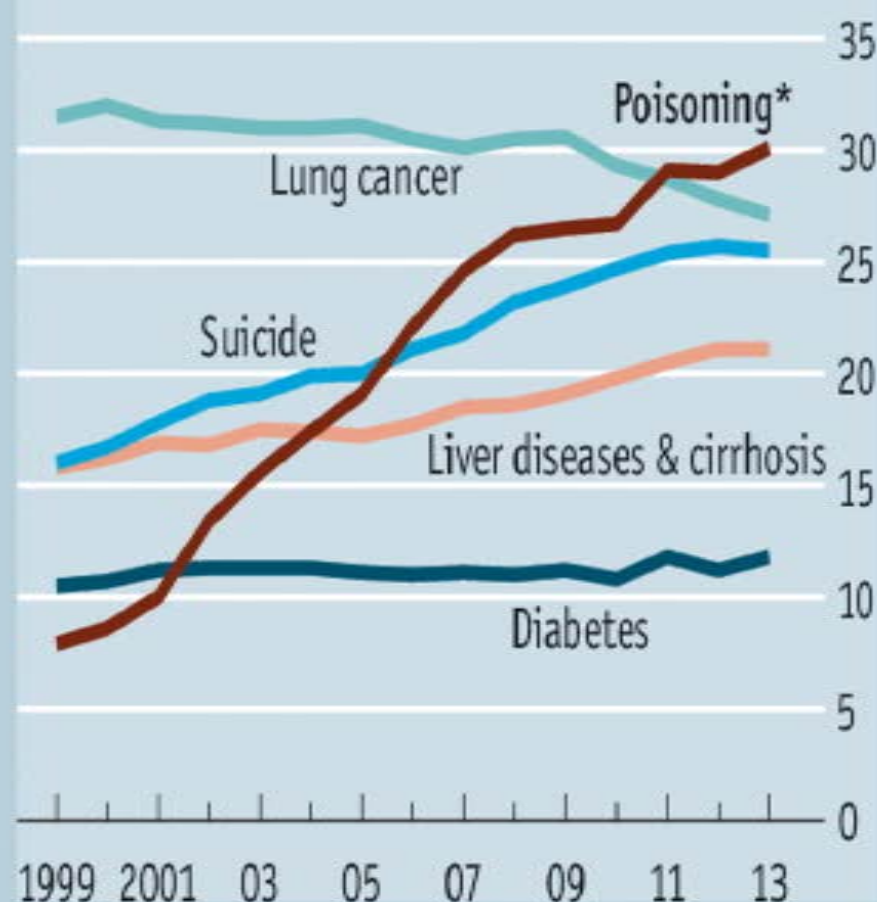


Deaths per 100,000 population, aged 45-54

By country

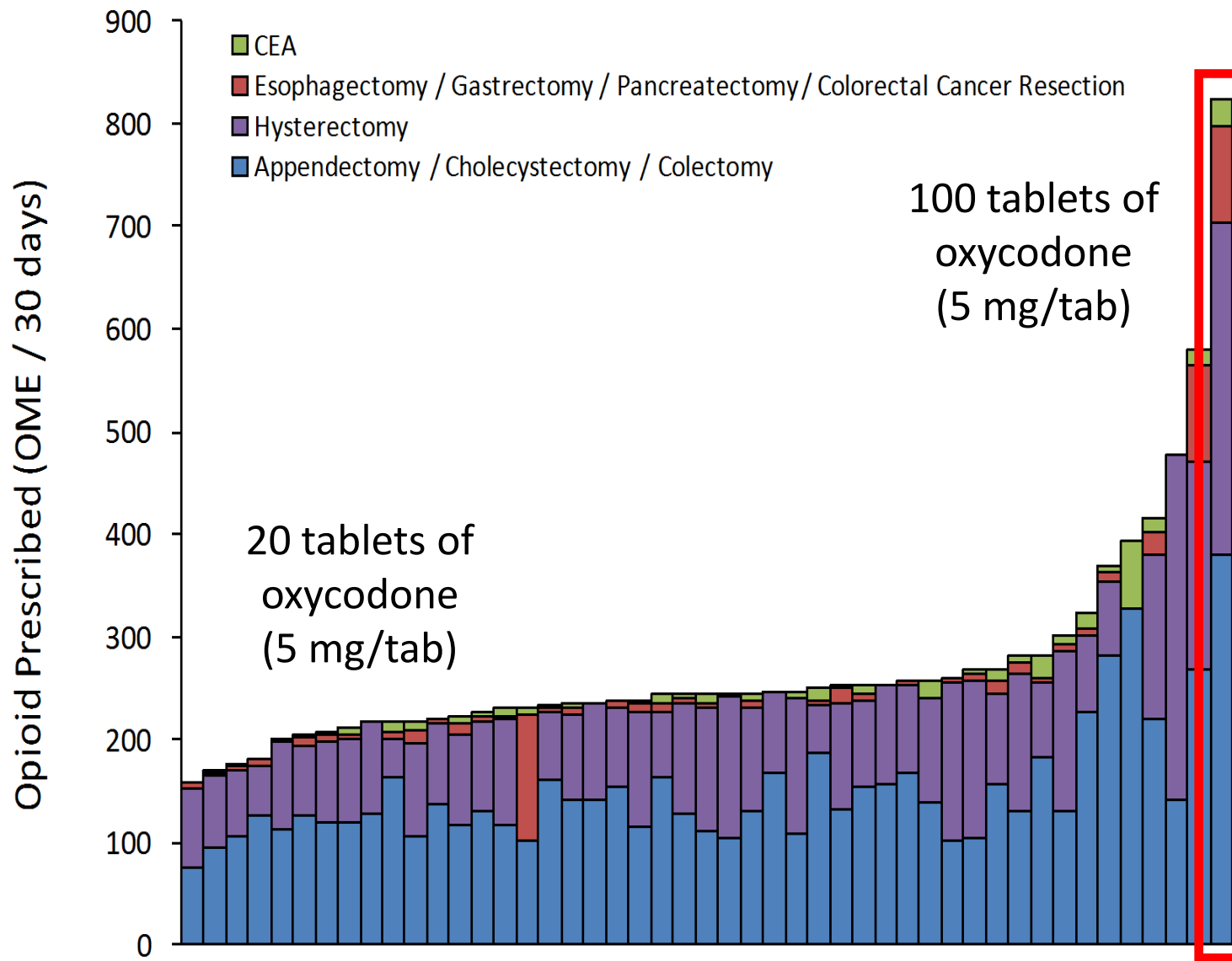


Non-Hispanic white Americans, by cause

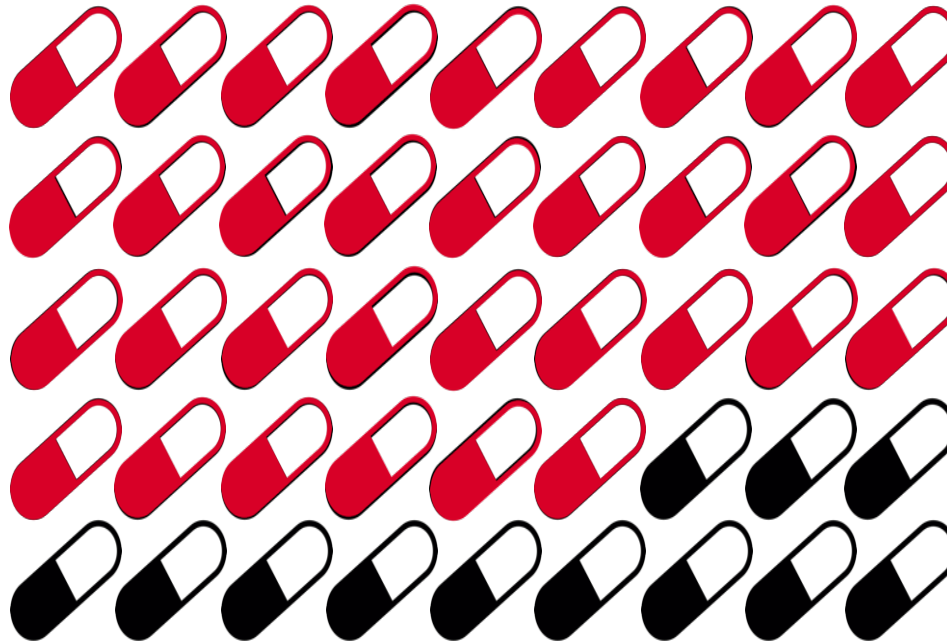


Source: "Rising morbidity and mortality in midlife among white non-Hispanic Americans in the 21st century", by Anne Case and Angus Deaton

*Drug-related overdoses, etc.



45 tablets of Norco (5/325)

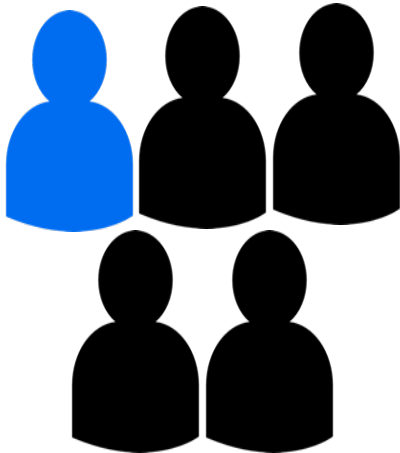


70 – 75% unused

Hill MV, McMahon ML, Stucke RS, Barth RJ, Jr. Wide Variation and Excessive Dosage of Opioid Prescriptions for Common General Surgical Procedures. Ann Surg. 2017;265(4):709-714.

Surgeons facilitate DIVERSION

Share Opioids



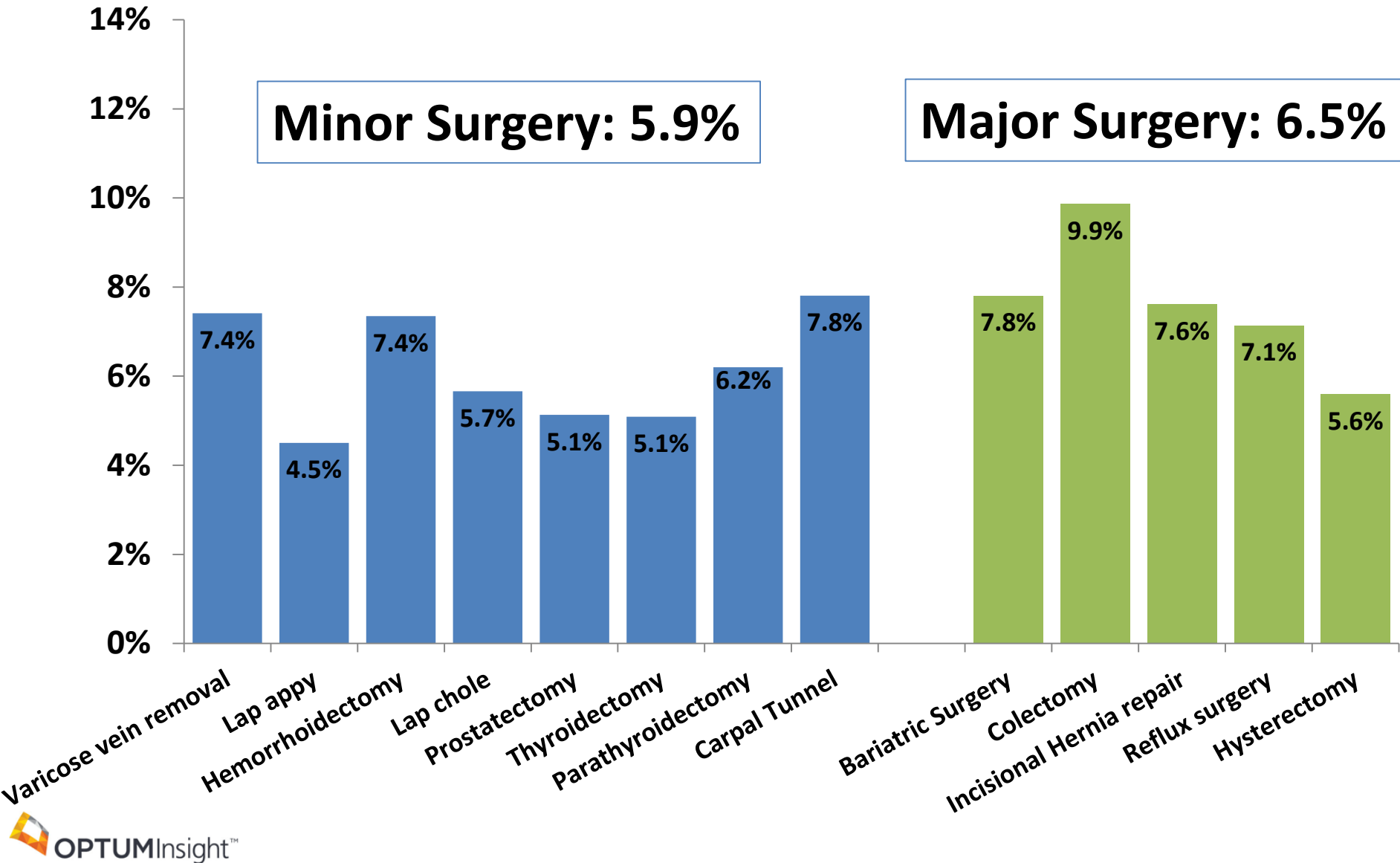
30%

62 Million unused pills a year in Michigan

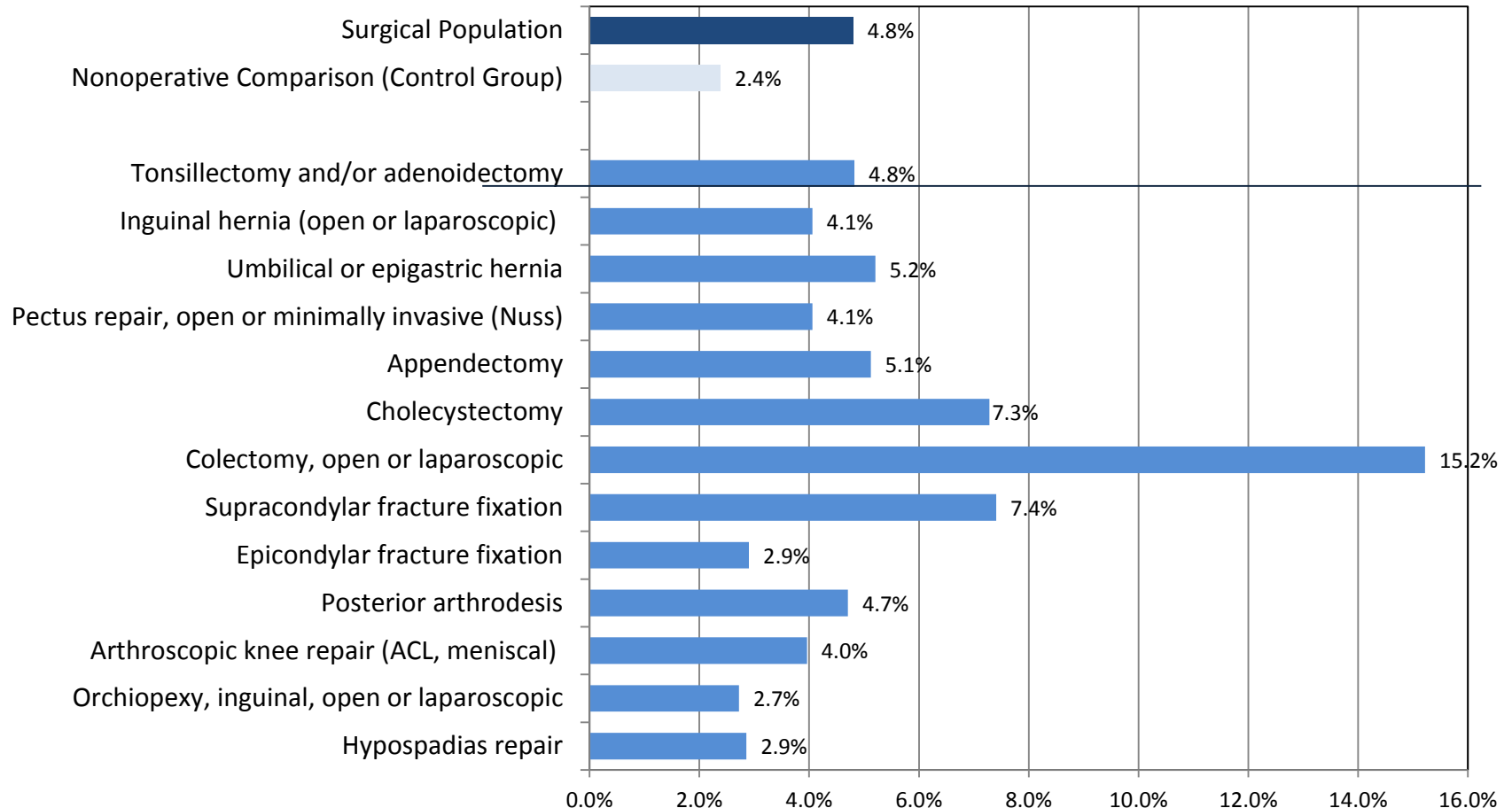


1. HCUP Fast Stats. Healthcare Cost and Utilization Project (HCUP). March 2017. Agency for Healthcare Research and Quality, Rockville, MD.
2. HCUP Central Distributor SASD File Composition. Healthcare Cost and Utilization Project (HCUP). March 2017. Agency for Healthcare Research and Quality, Rockville, MD.

New Persistent Use



Postoperative opioid dependence happens in pediatric patients

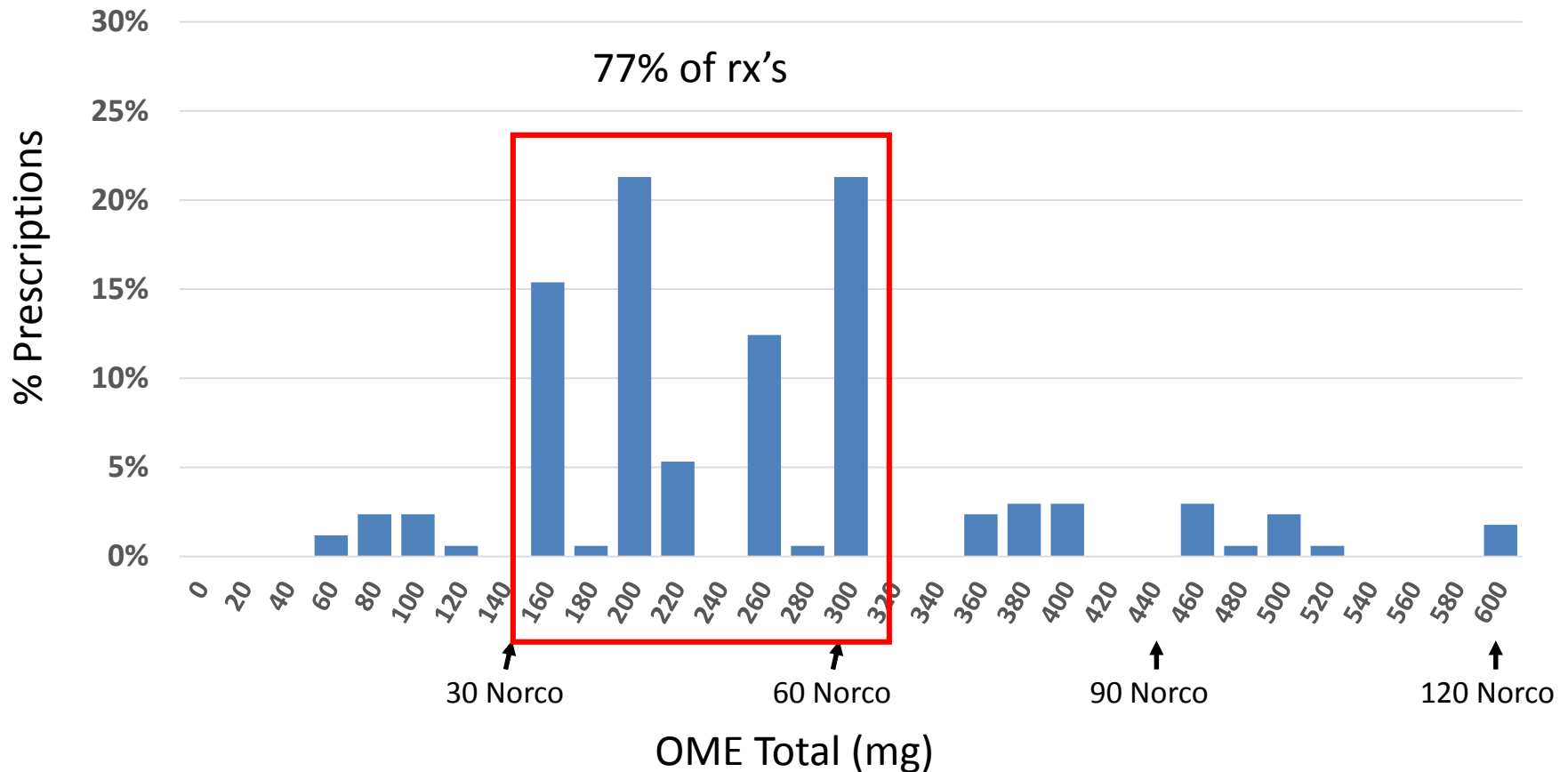


Opioid Prescribing Guidelines: Laparoscopic Cholecystectomy



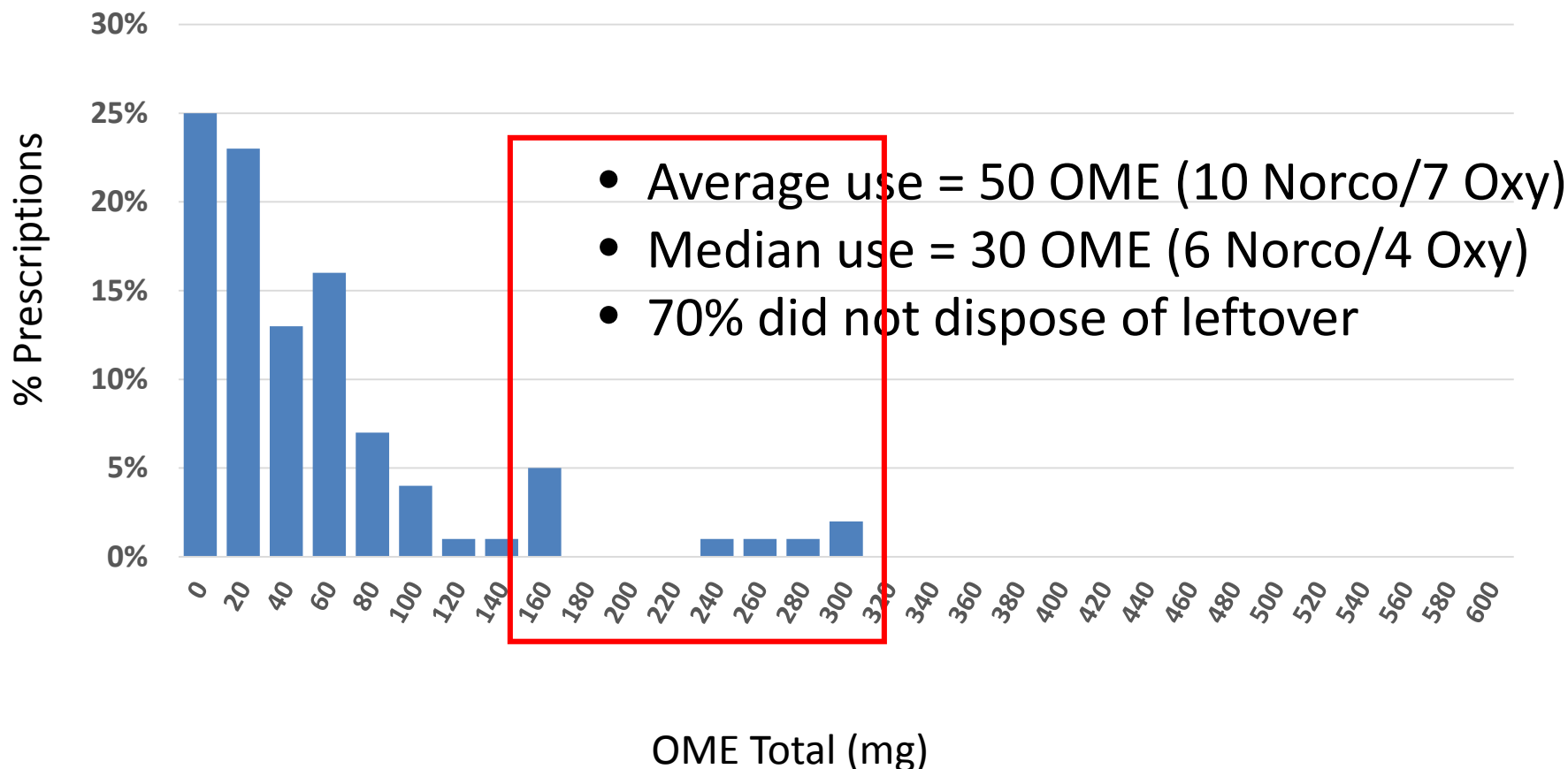
Laparoscopic Cholecystectomy

Opioids Prescribed After Surgery



Laparoscopic Cholecystectomy

Opioids **Used** After Surgery



Let's get smart about prescribing

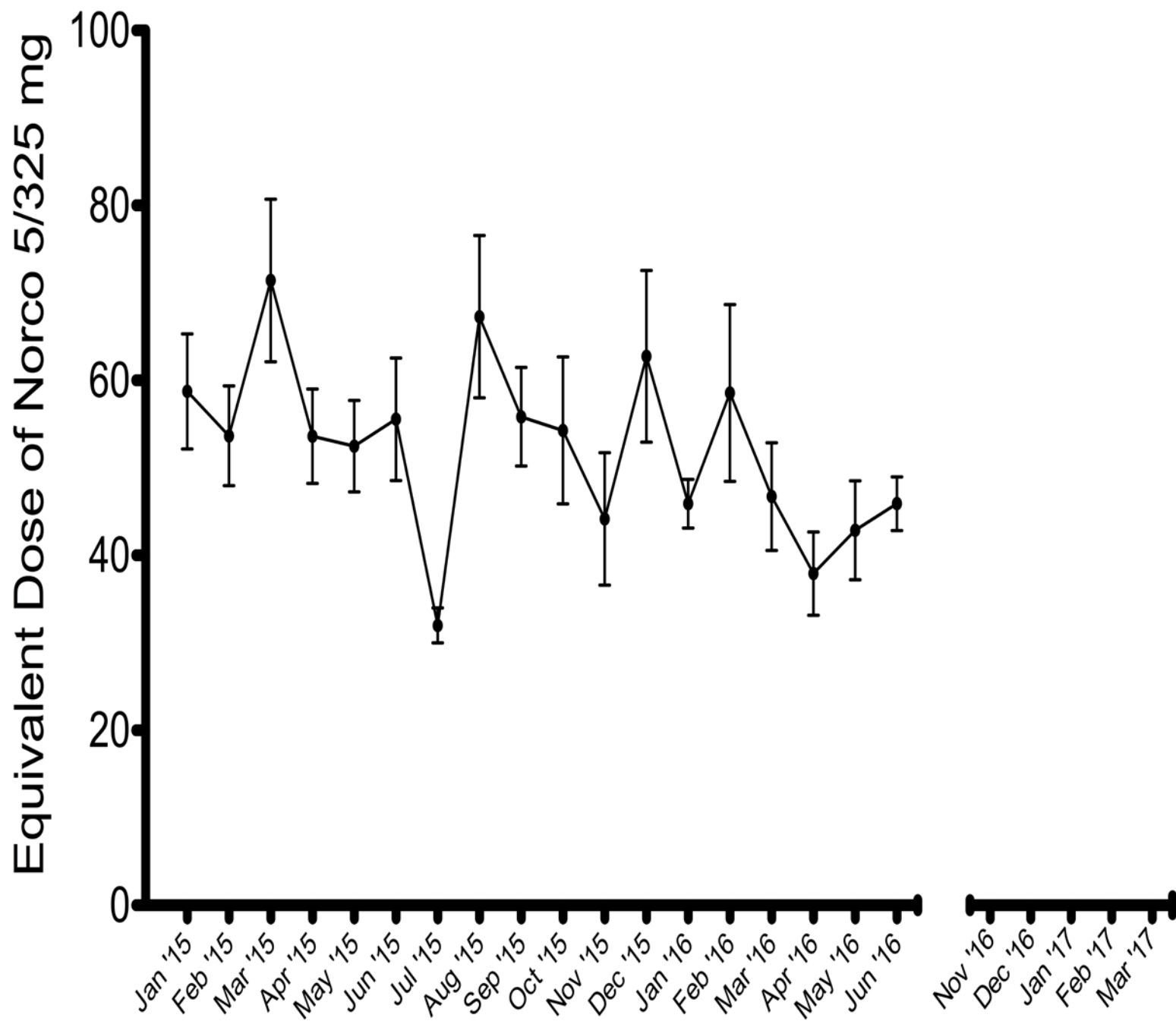
15 Oxycodone 5 mg

1q4-6 PRN

15 Norco 5/325 mg

1q4-6 PRN

+ Tylenol AND Motrin



Some examples of recognizing excess and creating a guideline

Procedure	Avg rx	Avg taken	Recommendation
Lap chole	30	10	15
Lap inguinal hernia repair	30	5	15
Open inguinal hernia repair	30	10	15
Partial mastectomy w/ SLNB	20	5	10
Partial mastectomy	20	3	5

Opioid Recovery Drives

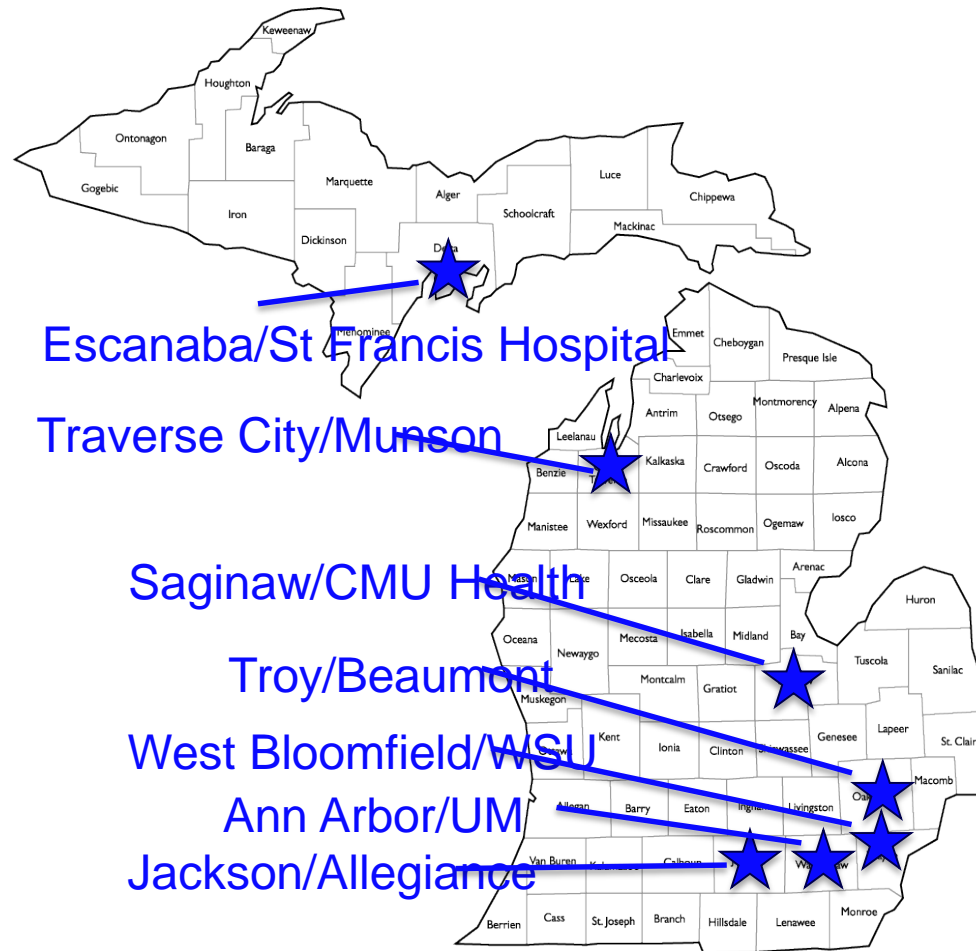
Medication Take-Back Day

Saturday, May 20,
2017
10 a.m. – 2 p.m.



Total number of people	349
Pills	
Estimated weight of pills	181.6 lb
Estimated total number pills	139,658.5
Opioid pills	13,784
Most common - Hydrocodone	5,714
Other medications of interest	
Benzodiazepines and sedatives	3,002
Anti-depressants	6,401
Stimulants	623
Muscle relaxants	565
Anti-epileptics	4,156
Additional information	
Oldest opioid date (by year)	1981
Second oldest opioid (different person)	1985
Most common reason for opioid	Surgery

Opioid Recovery Drive – May 20, 2017



14 bills in Michigan for 2017-2018

Document	Type	Description
SB 0167 of 2017	Senate Bill	Health occupations; physicians; physicians failing to report to Michigan automated prescription system (MAPS) prescriptions of any schedule II-V substances; require to attend certain classes, and provide for sanctions under certain circumstances. Amends secs. 16221 & 16226 of 1978 PA 368 (MCL 333.16221 & 333.16226). TIE BAR WITH: SB 0166'17
SB 0218 of 2017	Senate Bill	Appropriations; other; executive recommendation; provide for omnibus bill. Creates appropriations act.
SB 0236 of 2017	Senate Bill	Health; controlled substances; prescription drug and opioid abuse commission; require to provide recommendations for the instruction of pupils on prescription opioid drug abuse. Amends 1978 PA 368 (MCL 333.1101 - 333.25211) by adding sec. 7113a. TIE BAR WITH: SB 0237'17
SB 0237 of 2017	Senate Bill	Education; curriculum; require instruction on prescription opioid drug abuse prevention. Amends 1976 PA 451 (MCL 380.1 - 380.1852) by adding sec. 1503. TIE BAR WITH: SB 0236'17
SB 0272 of 2017	Senate Bill	Health; controlled substances; requirement for a patient or the patient's representative to sign a form when being prescribed opioids indicating that the patient has received certain information; provide for. Amends 1978 PA 368 (MCL 333.1101 - 333.25211) by adding sec. 7303b.
SB 0273 of 2017	Senate Bill	Health occupations; physicians; physicians to provide information on substance use disorder services to patients being treated for opioid-related overdoses; require. Amends 1978 PA 368 (MCL 333.1101 - 333.25211) by adding secs. 17019 & 17519.
SB 0274 of 2017	Senate Bill	Health; controlled substances; prescription for opioids; limit, and require prescribers to prescribe an opioid antagonist under certain circumstances. Amends sec. 17744b of 1978 PA 368 (MCL 333.17744b) & adds sec. 7333b.
HB 4074 of 2017	House Bill	Insurance; health insurers; abuse-deterrent opioid analgesic drug; require coverage. Amends 1956 PA 218 (MCL 500.100 - 500.8302) by adding sec. 3406u.
HB 4170 of 2017	House Bill	Health; other; physician orders for scope of treatment forms; allow. Amends sec. 20919 of 1978 PA 368 (MCL 333.20919) & adds pt. 56B & sec. 20192a. TIE BAR WITH: HB 4171'17, HB 4173'17, HB 4174'17
HB 4368 of 2017	House Bill	Appropriations; other; executive recommendation; provide for omnibus bill. Creates appropriation act.
HB 4403 of 2017	House Bill	Human services; medical services; acute treatment services and clinical stabilization services for opioid addiction as a covered medical service; allow. Amends sec. 109 of 1939 PA 280 (MCL 400.109).
HB 4406 of 2017	House Bill	Health; controlled substances; prescription drug and opioid abuse commission; require to provide recommendations for the instruction of pupils on prescription opioid drug abuse. Amends 1978 PA 368 (MCL 333.1101 - 333.25211) by adding sec. 7113a. TIE BAR WITH: HB 4407'17
HB 4407 of 2017	House Bill	Education; curriculum; health curriculum; instruction on prescription opioid drug abuse prevention; require. Amends 1976 PA 451 (MCL 380.1 - 380.1852) by adding sec. 1503. TIE BAR WITH: HB 4406'17
HB 4408 of 2017	House Bill	Health; pharmaceuticals; parental consent when prescribing a controlled substance containing an opioid; require under certain circumstances. Amends secs. 16221 & 16226 of 1978 PA 368 (MCL 333.16221 & 333.16226) & adds sec. 7303b.

6%

30%





engaging patients, educating providers, protecting communities

Contact us



filip@umich.edu



caitham@umich.edu



cbrummet@umich.edu

englesbe@umich.edu

7349040287



Conclusion

- ◆ Evaluations
 - Fill out and turn in
- ◆ Questions?
- ◆ See you in October