

DISPARITIES IN OPIOID ABUSE TREATMENT (OAT)

Amy Bunch, ENHS Kathryn Bardwell, BCHS Max Morvant, HPSM Sarah Grunblatt, EPID

PUBH 6600: Culminating Experience / Capstone Spring 2022

POLL QUESTIONS

QUESTION 1:

In 2019, how many people in the United States had an opioid use disorder in the past year?

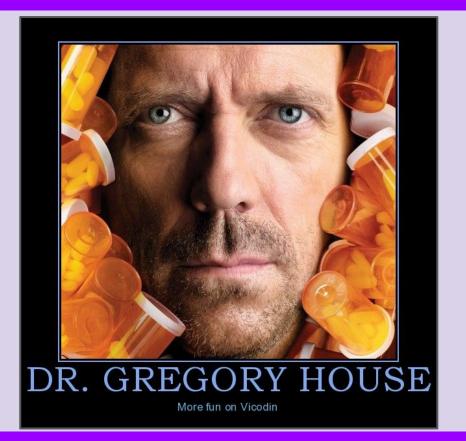
- **A.** 350,000
- B. 1.6 million
- C. 2.3 million
- D. 5.4 million

QUESTION 2:

Do you support public dollars being allocated towards opioid abuse treatment?

- A. Yes
- B. No
- C. Unsure

OPIOID EXAMPLE: HYDROCODONE



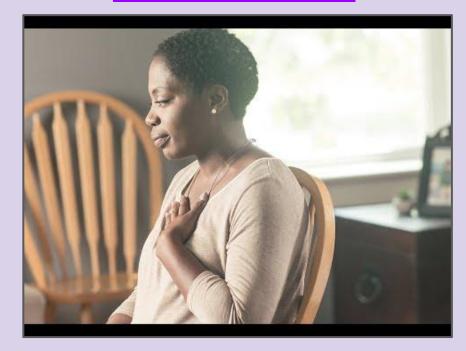
- Vicodin contains a combination of acetaminophen and hydrocodone.
- Hydrocodone is an opioid pain medication.
- An opioid is sometimes called a narcotic.
- Acetaminophen is a less potent pain reliever that increases the effects of hydrocodone.

Vicodin uses, Side Effects & Safety Information. Drugs.com. (n.d.). Retrieved February 1, 2022, from https://www.drugs.com/vicodin.html#:~-text=Vicodin%20contains%20a%20combination%20of%20acetaminophen%20 and%20hydrocodone..the%20relief%20of%20moderatef%20to%20enderatef%20psin.

WHAT ARE OPIOIDS?

- According to the National Institute on Drug Abuse,
 opioids are medications that act on the nervous system to relieve pain.
- They reduce the intensity of pain signals reaching the brain and affect those brain areas controlling emotion, which diminishes the effects of a painful stimulus.
- VIDEO: It only takes a little to lose a lot.

BRENDA'S STORY:



WHAT IS THE U.S. OPIOID EPIDEMIC?

- In the late 1990s, pharmaceutical companies reassured the medical community that patients would not become addicted to opioid pain relievers.
- Healthcare providers began to prescribe them at greater rates.
- Increased prescription of opioid medications led to widespread misuse of both prescription and non-prescription opioids before it became clear that these medications could indeed be highly addictive.
- In 2017 Department of Health and Human Services (HHS) declared a public health emergency and announced a "5-Point Strategy To Combat the Opioid Crisis."

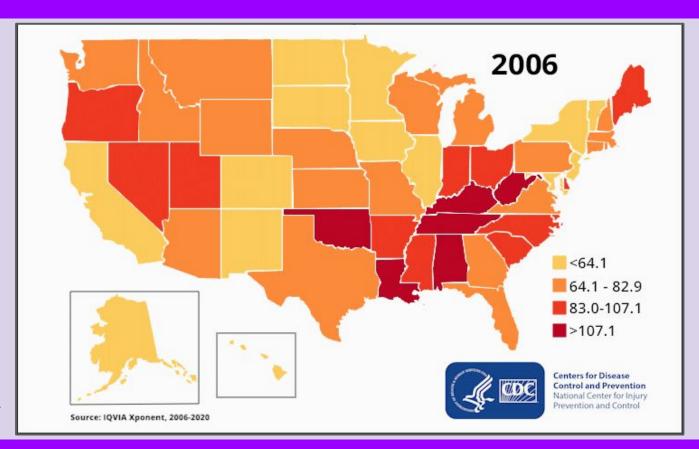


U.S. OPIOID DISPENSING RATES PER 100 PEOPLE 2020

From 2006 to 2020, how have rates improved over time?

Louisiana: 109.2 in 2006 to 68.3 in 2020

Centers for Disease Control and Prevention. (2021, March 24). Prescription opioid overdose death maps. Centers for Disease Control and Prevention. Retrieved February 16, 2022, from https://www.cdc.gov/drugoverdose/deaths/prescription/maps.html Centers for Disease Control and Prevention. (2021, November 10). U.S. opioid dispensing rate maps. Centers for Disease Control and Prevention. Retrieved February 16, 2022, from https://www.cdc.gov/drugoverdose/xrate-maps/index.html



OPIOID USE DISORDER IN THE U.S.: 2019 EPIDEMIOLOGIC DATA

THE OPIOID EPIDEMIC BY THE NUMBERS



70,630 people died from drug overdose in 2019²



10.1 million

people misused prescription opioids in the past year¹



1.6 million
people had an opioid use
disorder in the past year¹



2 million

people used methamphetamine in the past year¹



745,000 people used heroin in the past year¹



50,000
people used heroin for the first time¹



1.6 million

people misused prescription pain relievers for the first time¹



14,480

deaths attributed to overdosing on heroin (in 12-month period ending June 2020)³



48,006

deaths attributed to overdosing on synthetic opioids other than methadone (in 12-month period ending June 2020)³

SOURCES

- 1. 2019 National Survey on Drug Use and Health, 2020.
- 2. NCHS Data Brief No. 394, December 2020.
- NCHS, National Vital Statistics System. Provisional drug overdose death counts.



Assistant Secretary of Public Affairs (ASPA). (n.d.). What is the U.S. opioid epidemic? HHS.gov. Retrieved February 1, 2022. from

https://www.hhs.gov/opioids/about-the-epidemic/index.html

LOUISIANA OPIOID DATA AND SURVEILLANCE

2,121

Drug-involved deaths (death location), 2020

982

Opioid-involved deaths (death location), 2020

13,890

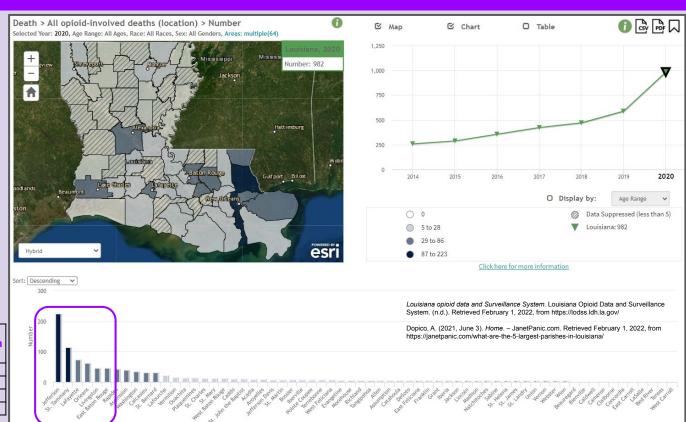
Drug poisoning-related ED visits, 2018

45

Stimulant prescription per 100 people (prescriber location), 2020 74

Opioid analgesic prescriptions per 100 people (prescriber location), 2020

Size Rank	Parish	2020 Population	2020 Opioid- Involved Death Rank
1	East Baton Rouge	443,763	6
2	Jefferson	434,850	1
3	Orleans	390,845	4
4	St. Tammany	255,155	2



TREATMENT OPTIONS



WHAT'S THE ISSUE?



WHAT IS MAT?

Medically Assisted Therapy

Recommended by almost every organization: FDA, CDC, SAMHSA, AMA, ASAM, and NAATP

Three medications

- Methadone
- 2. Buprenorphine
- Naltrexone

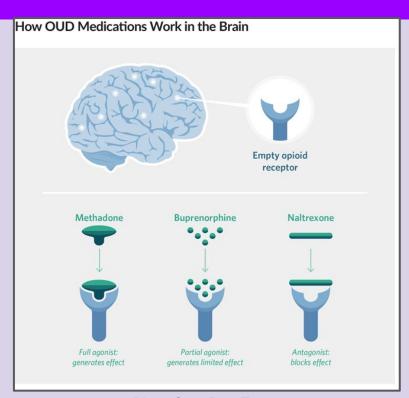


Photo from Pew Trusts

LINKS TO CURRENT MAJOR MEDICAL ORGANIZATION GUIDELINES

- https://www.fda.gov/drugs/information-drug-class/information-about-medication-assisted-treat ment-mat#:~:text=There%20are%20three%20drugs%20approved,with%20counseling%20an d%20psychosocial%20support.
- https://www.samhsa.gov/medication-assisted-treatment
- https://www.ama-assn.org/delivering-care/opioids/medication-assisted-treatment-training-fight
 -substance-abuse
- https://journals.lww.com/journaladdictionmedicine/Fulltext/2020/04001/The_ASAM_National_ Practice_Guideline_for_the.1.aspx
- https://www.naatp.org/sites/naatp.org/files/StrategicPlan2019-2021FINAL5.19.pdf

EVIDENCE FOR MAT

MAT is proven by decades of research to

- Improve survival
- Decrease relapses
- Improve social situations: employment, housing
- Improve birth outcomes for pregnant women
- Decrease emergency room visits

Works best in conjunction with traditional therapy

Criteria: randomized clinical trials, meta analyses, and major organization recs

SELECTED REFERENCES SUPPORTING MAT

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Srivastava A, Clarke S, Hardy K, Kahan M. **Facilitating rapid access to addiction treatment: a randomized controlled trial**. Addict Sci Clin Pract. 2021 May 25;16(1):34. doi: 10.1186/s13722-021-00240-y. PMID: 34034821; PMCID: PMC8152083.

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ARGUMENTS AGAINST MAT

"Trading one addiction for another"

- HHS secretary Tom Price said in 2017 "If we're just substituting one opioid for another, we're not moving the dial much."
- These medications do have abuse potential: roughly 30% of people
- New formulations reduce that risk & increase flexibility
- Still net positive

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ARGUMENTS AGAINST MAT

Criminalization argument

- Old school "war on drugs" idea
- No evidence criminalizing drugs has reduced abuse rates
- Immense societal harms associated with criminalization

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ARGUMENTS AGAINST MAT

"Does not address psycho-social needs of patients"

- This is true! But doesn't mean we shouldn't do both.
- Patients have better outcomes with combined medical and psychosocial help
- We recommend individualized approaches & treatment intensities depending on the person's needs: other mental health issues, pain syndromes, social situations, etc.

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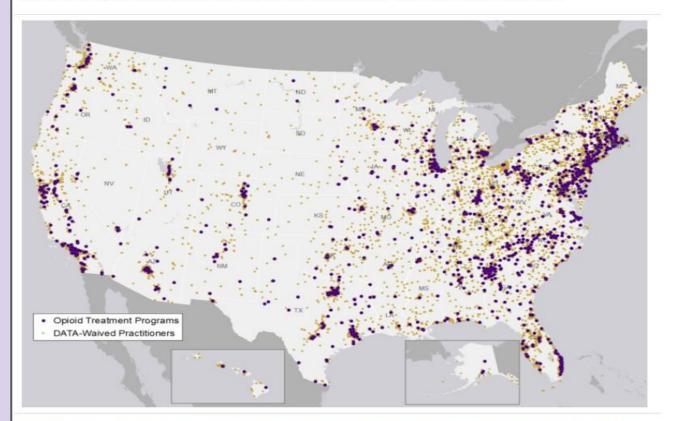
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Figure 1. Location of Opioid Treatment Programs and DATA-Waived Practitioners in the United States



Source: CRS analysis using data from the Substance Abuse and Mental Health Services Administration as of May 9, 2019.

Why is MAT not available to everyone?

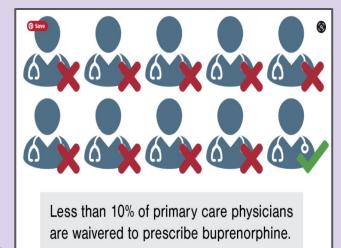
BARRIERS

Practitioner

- Additional training to obtain required waiver
- Only waivered physicians and other certified health professional can prescribe buprenorphine for OUD
- Initial doses must be under specified limits
- Patient caps- 30-100 patients per practitioner
- Practitioners providing MMT need annual registration from DEA
- ONLY oral form and taken under supervision at approved OTP

Insurance

- Fail first- providers have to prescribe less expensive drugs first and wait for failure before insurer will cover more effective medications
- Pre- authorization process requirements for approval
- Require counseling as a condition for coverage



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https://aspe.hhs.gov/reports/state-local-policy-levers-increasing-treatme nt-recovery-capacity-address-opioid-epidemic-final-0

BARRIERS

Facility

- Only federally certified TP may dispense methadone for MMT
- Cap on number of MMT facilities in an area and burdensome approval process

Patient

- Most MMT patients need to be addicted for >1 year with few exceptions
- All MMT must attend comprehensive counseling sessions
- All MMT patients need complete medical evaluation prior to receiving tx
- Daily or near daily travel to MMT facility





"MORE THAN MEDICATION IS NEEDED"

- Counseling is a requirement when receiving treatment from an OTP
 - "Whole person" approach
 - Initial assessments
 - Treatment plan
 - Short term and long term goals
 - Case management
 - Behavioral therapies
- Variety of interventions and treatment modalities
 - Relapse prevention
 - Anger management
 - CBT
 - o MI
 - Anger-management
 - Trauma-related counseling

REDUCE REGULATORY BARRIERS TO MAT PRESCRIBING AND DISPENSING

Federal

- Eliminate patient cap
- Eliminate waiver requirement
- Eliminate restrictions on provider type
- Facilitate office and community based MMT

State

- Don't make state law more restrictive than federal
- Forbid limitation of OTPs through zoning



ENHANCE AVAILABILITY AND AFFORDABILITY OF OAT

Federal

- Enforce the Mental Health Parity and Addiction Equity Act
- Require insurers to cover OAT without cost sharing, prior authorization



State

- Set medicaid reimbursement rate that ensure OAT provider availability
- Allow telehealth and ensure Medicaid reimbursement for services
- Ensure health care facilities employ/contract with authorized OAT providers
- Require EDs to start buprenorphine treatment when appropriate

EXPAND THE OUD TREATMENT WORKFORCE

Federal

- Condition federal funding of residency programs on integrating SUD
- Training and trainees obtaining waivers to prescribe buprenorphine



State

- Mandate training in evidence based pain and addiction treatment
- For all medical practitioners licensed in the state and in state sponsored medical, dental, and nursing schools

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IMPROVE OUTCOMES FOR JUSTICE-INVOLVED INDIVIDUALS

Federal

- Condition federal funding states screening for OUD when entering justice settings
- Offering OAT when indicated
- Ensuring continued access to OAT upon release
- Require drug courts and diversion programs to permit OAT to receive funding



State

- Require drug courts and diversion programs to allow OAT
- Eliminate penalties for relapse
- Upon release enroll eligible individuals in Medicaid and ensure OAT is accessible
- Mandate screening and provision OAT in criminal justice settings

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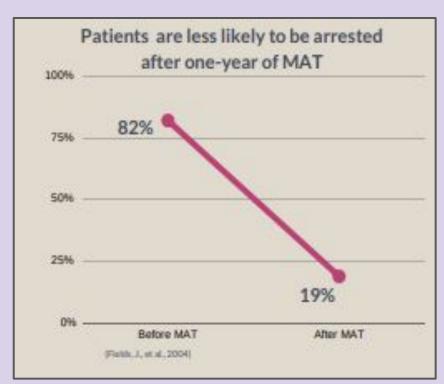
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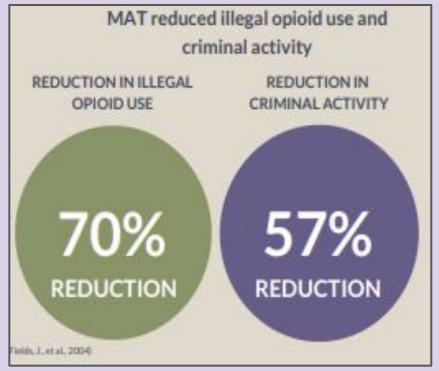




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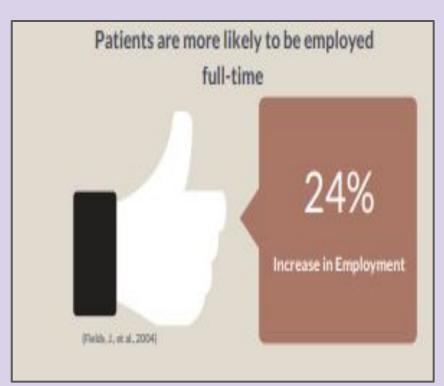
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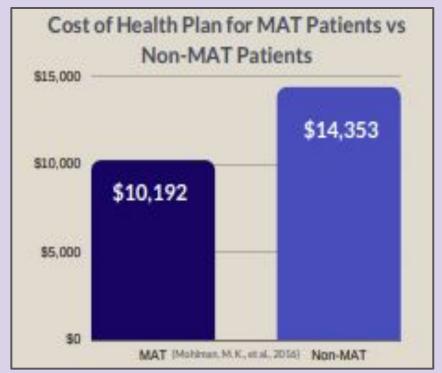




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