

# **Medications for OUD in the ED (MOUD in ED)**

**Maine Medical Association-Center for Quality Improvement**

**February 16, 2022**

**We would like to thank DHHS for funding this initiative!**

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# ***Training, TA and Toolkit Developed in Partnership***

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BlueWater  
Emergency Partners

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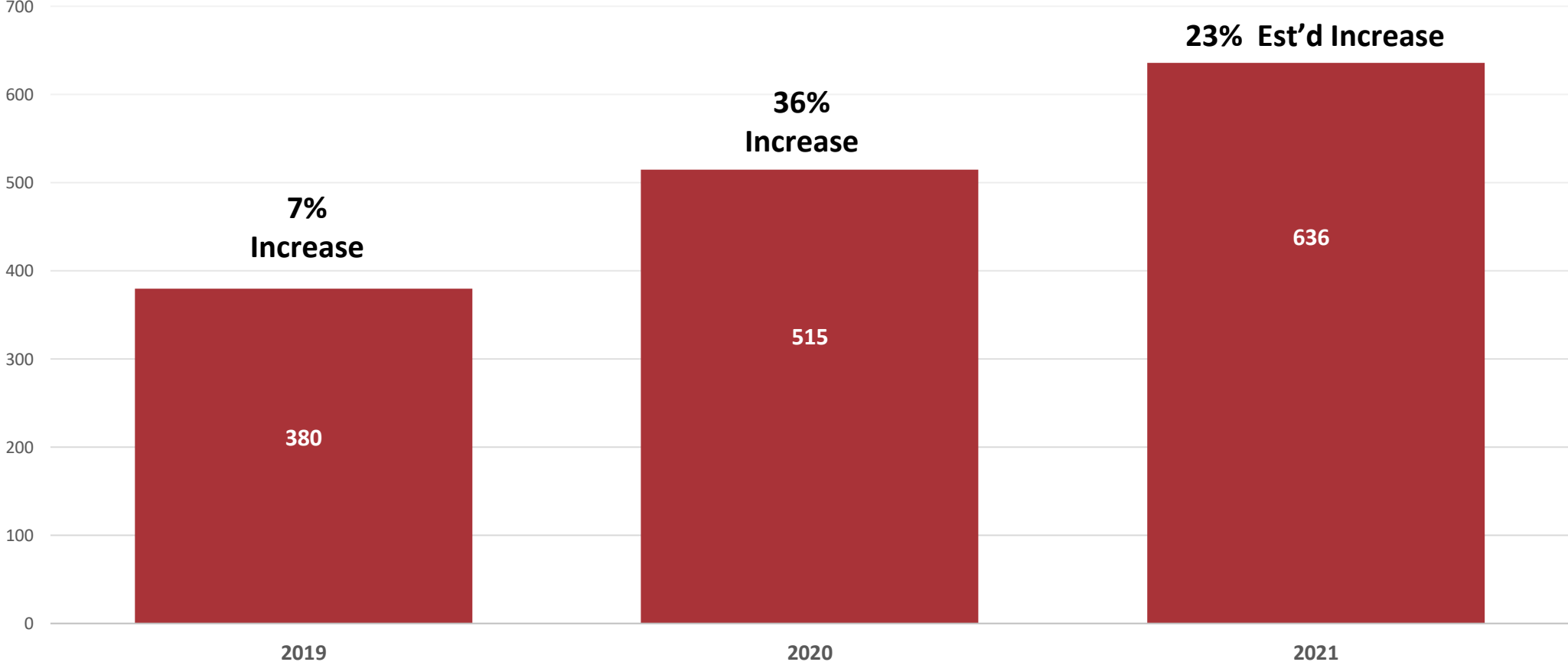
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Maine Medical  
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Maine Medical  
Association – Center  
for Quality  
Improvement

# Maine Overdose Trends

ME DRUG DEATHS 2019-2021



# Interventions to Prevent Fatal Overdoses

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## Keeping people alive until they get treatment

- Naloxone (Narcan)
- Increasing supply of naloxone in community
- Distribution to those who will be bystanders
- In 2021 Maine Naloxone Distribution Initiative distributed 77,480 doses Jan-Nov
- Get people into treatment –just one example
  - OPTIONS program referred 263 & distributed 909 doses of naloxone in their first program year.

# *Nonfatal Overdoses*

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- Deaths represent 7% of reported overdoses in 2021 January through November
- We are saving 93% of overdose victims
  - Nonfatal overdoses 8619
  - Fatal overdoses 578

# January - November 2021

Overdose Type	Number	Percent
Fatal	578	7%
EMS-Non Transport	2186	25%
Community Reversals	1876	22%
Law Enforcement/No EMS	12	<1%
Emergency Dept.	3967	46%

<b>TOTAL FATAL</b>	<b>578</b>	<b>7%</b>
<b>TOTAL NONFATAL</b>	<b>8,041</b>	<b>93%</b>
<b>TOTAL OVERDOSES.</b>	<b>8,619</b>	<b>100%</b>

# Why MOUD in the ED

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High mortality following non-fatal opioid overdose:

- Recent analysis of 17,568 ED visits for nonfatal opioid overdose found following outcomes in 12 months post ED visit:
  - 2.1 deaths per 100 person-years from opioid-associated mortality
  - 4.7 deaths per 100 person-years from all-cause mortality
- Only 30% of OD rescues in ED's received MOUD in year following OD
- Individuals who had received buprenorphine had significant reductions in both all-cause and opioid-associated mortality
- Addnl analysis of 17,241 ED visits for nonfatal opioid overdose found one-year all cause mortality of 5.5% and 1-month mortality of 1.1%

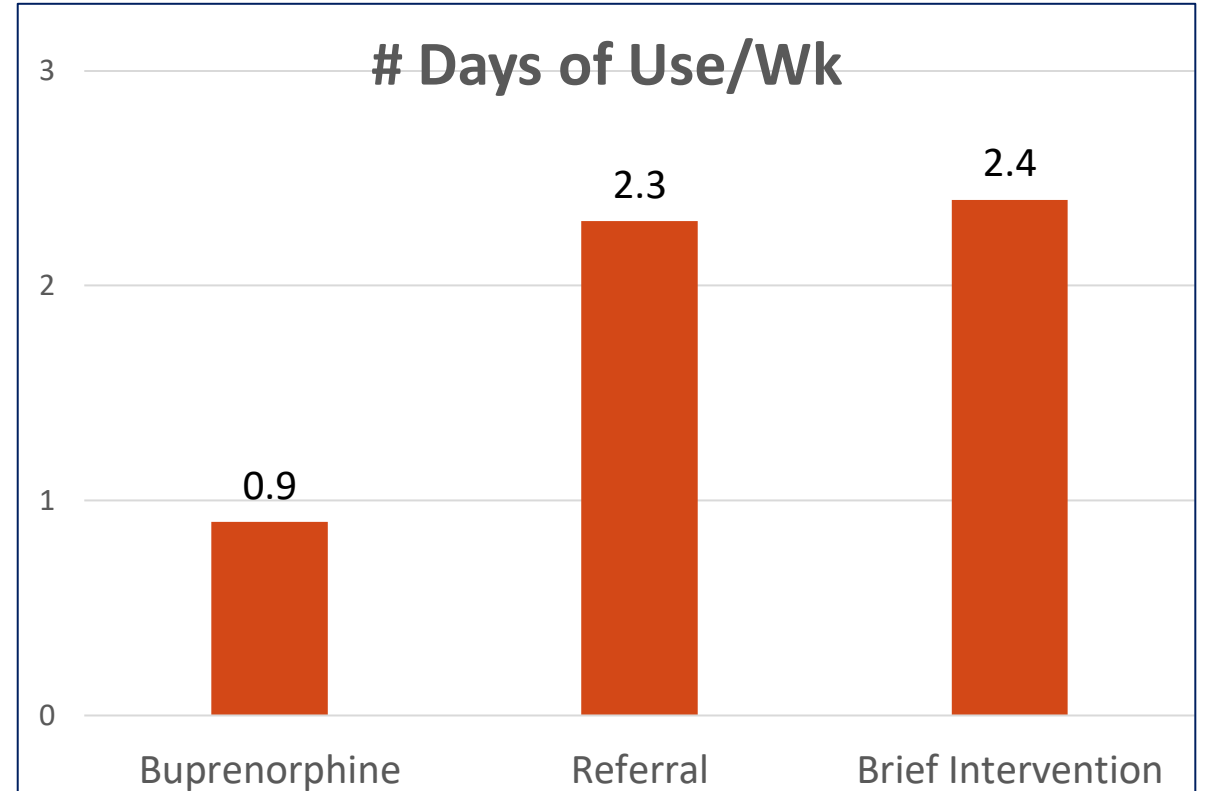
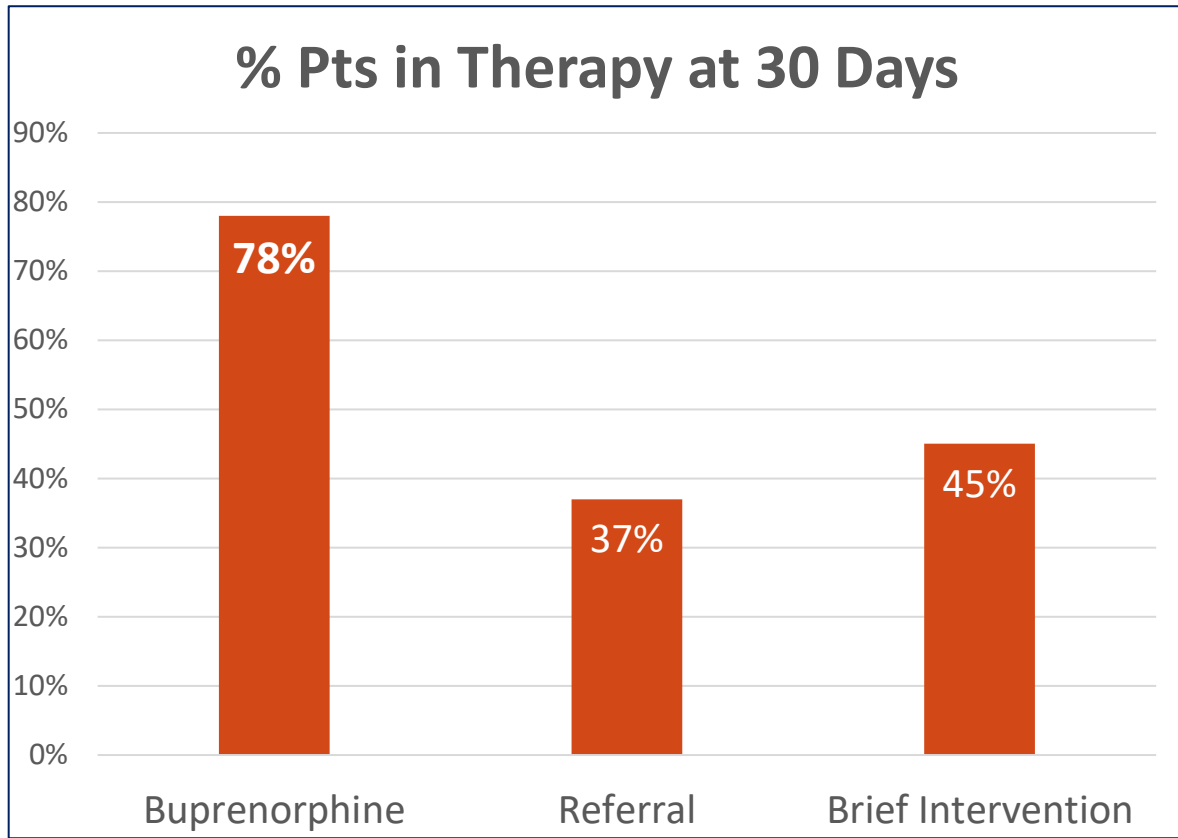
[Use of Medication-Assisted Treatment in Emergency Departments \(samhsa.gov\)](https://www.samhsa.gov)



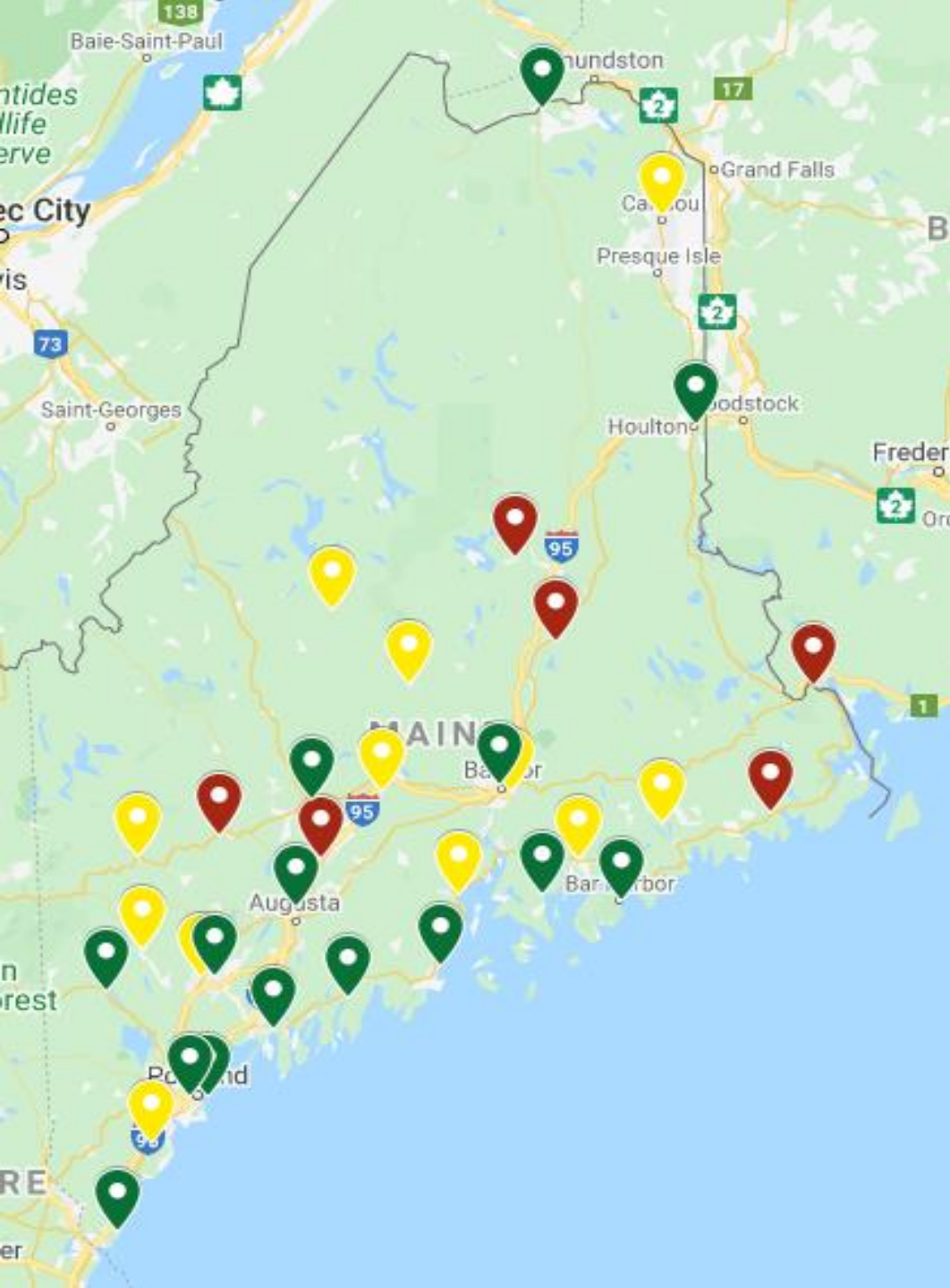
# Why MOUD in the ED

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- Opportunity to motivate individuals to accept treatment
- Effectively treat opioid withdrawal
- Initiate evidence-based, standard of care treatment
- Refer individuals to ongoing treatment and supports
- Reduce harm by offering overdose education and naloxone distribution
- Dramatically improve opioid cause and all-cause mortality in 12 mos post overdose
- Shown to improve outcomes for individuals with OUD by nearly 100%, doubling 30-day retention compared to groups not receiving MOUD in ED



D'Onofrio, JAMA, 2015

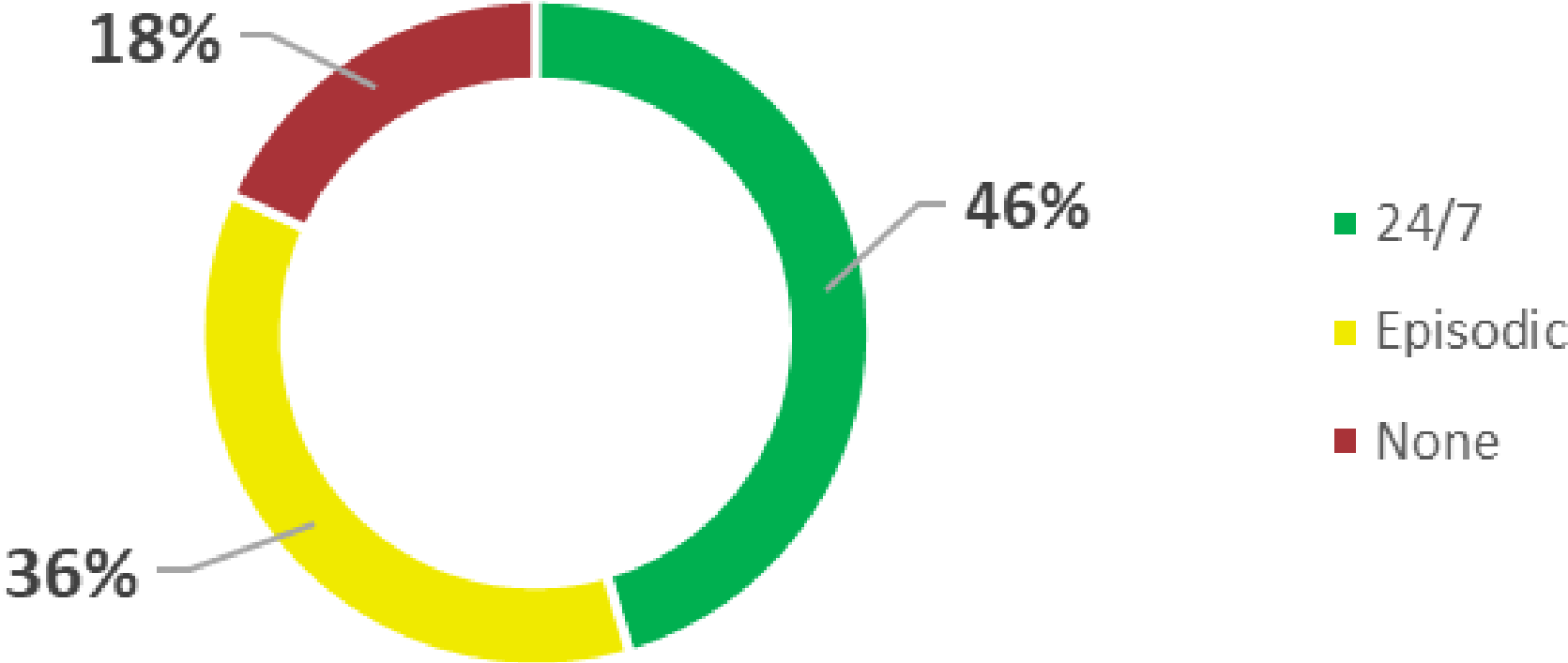


## Maine Hospital EDs: Availability of MOUD

24/7 Availability	Green
Episodic Availability	Yellow
No Availability	Red

# Maine Hospital EDs: MOUD Availability

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Risk	Location	Referral Partner	Risk	Location	Referral Partner
Green	Bridgton Hospital (CMHC)	Crooked River Counseling	Red	Northern Light Inland Hospital	
Red	Calais Regional Hospital		Yellow	Northern Light Maine Coast Mem Hosp	
Yellow	Cary Medical Center	AMHC	Green	Northern Light Blue Hill Memorial Hospital	Blue Hill Family Med
Yellow	Central Maine Medical Center	New CMHC IOP Program	Yellow	Northern Light Mayo Regional Hospital	
Red	Downeast Community Hospital		Yellow	Northern Light Sebecook Valley Hospital Pittsfield	
Red	Franklin Memorial	It was Evergreen Behavioral Health	Green	Northern Light Mercy Hospital	Internal IOP as well as Spurwink and Amistad
Green	Houlton Regional	AMHC	Green	Pen Bay Medical Center	Maine Behavioral Health or ARC Damariscotta
Green	Maine General Medical Center	Outpatient Plus Program MGMC	Red	Penobscot Valley Hospital	
Green	Maine Medical Center	Maine Behavioral Health	Green	Redington Fairview General Hospital	KBH
Green	Mid Coast Hospital	ARC	Yellow	Rumford Hospital	Crooked River Counseling
Green	Miles Memorial Hospital	ARC Damariscotta	Green	St. Joseph Hospital	Penobscot Community Health Center
Red	Millinocket Regional Hospital		Green	St. Mary's Regional Health Center	St Mary's Behavioral Hlth
Green	Mount Desert Island Hospital	AMHC	Yellow	Stephens Memorial Hospital	Western Maine Fam Med or Common Gr Counseling
Yellow	Northern Light AR Gould	AMHC	Yellow	Southern Maine Medical Center	Maine Behavioral Health
Yellow	Northern Light Charles A Dean Memorial Hospital		Yellow	Waldo County General Hospital	Waldo County Family Med

# Thank you

**MMA-CQI has created a toolkit that provides training materials, recommended protocols, and resources to Emergency Departments implementing or improving initiation of MOUD**

**For more information, training, protocol development, troubleshooting, clinical consultation, or additional resources, please contact:**

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