

Suggestions for increased access to Methadone in the US

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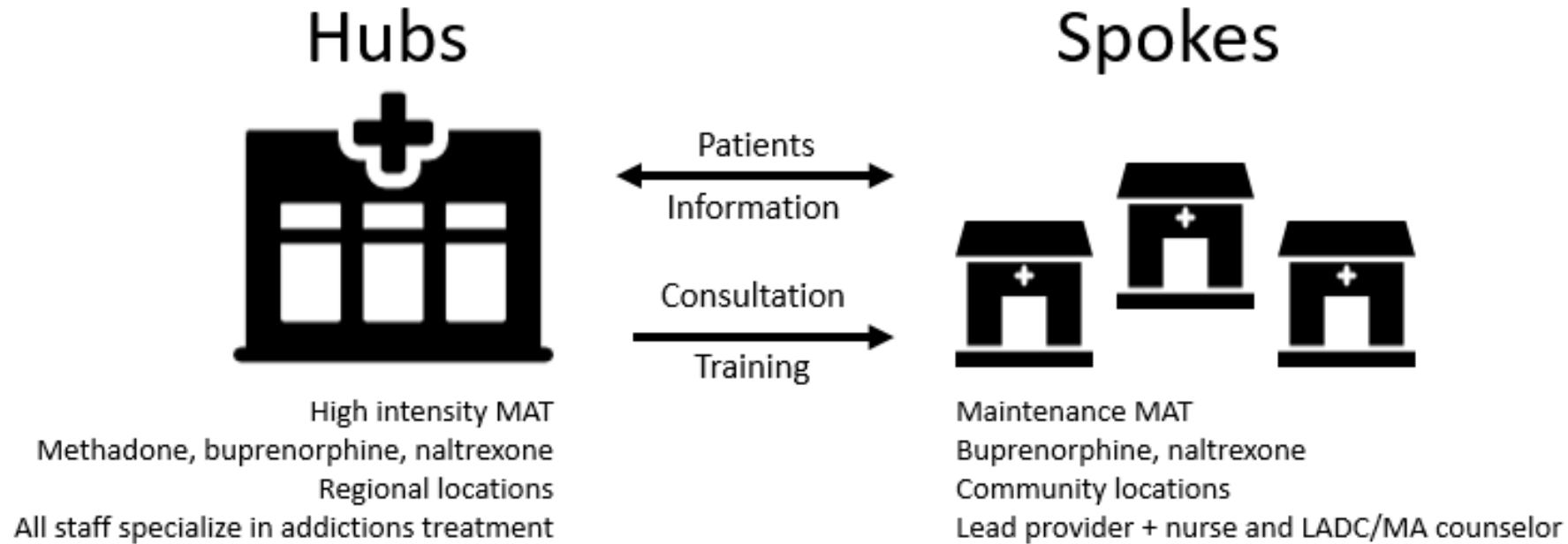
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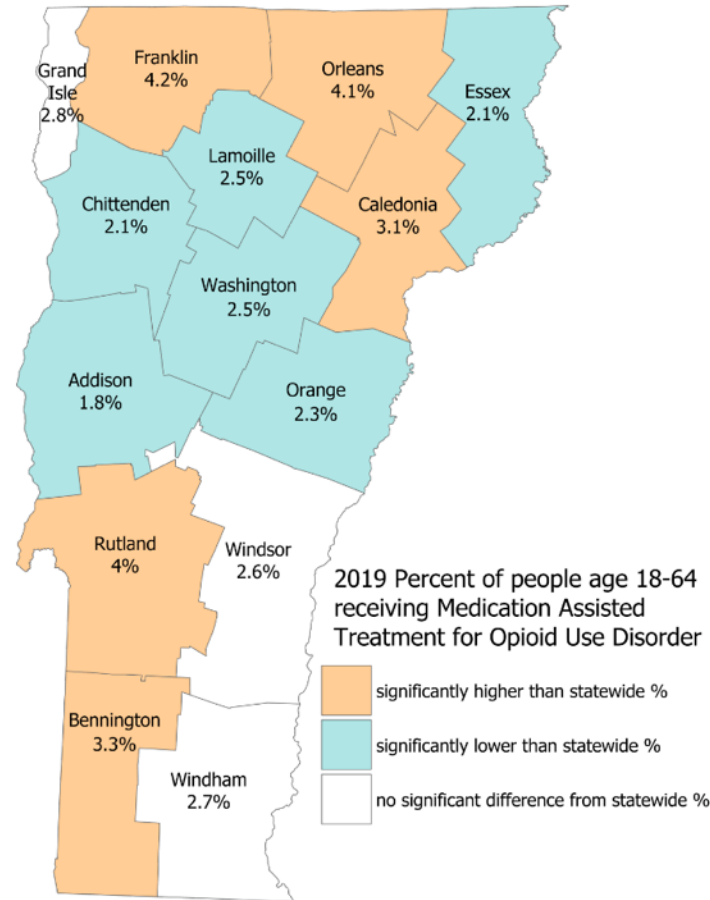
Disclosures and Conflicts

None to report

Hub and Spoke Model



Access to care through hubs, spoke prescribers and Rapid Access to MAT in Emergency Departments varies by county



2.36% of 18-64 yr olds

Access to Treatment

8,994

Estimated Vermonters age 18+ receiving MOUD in **hubs and spokes** Q4 2021*

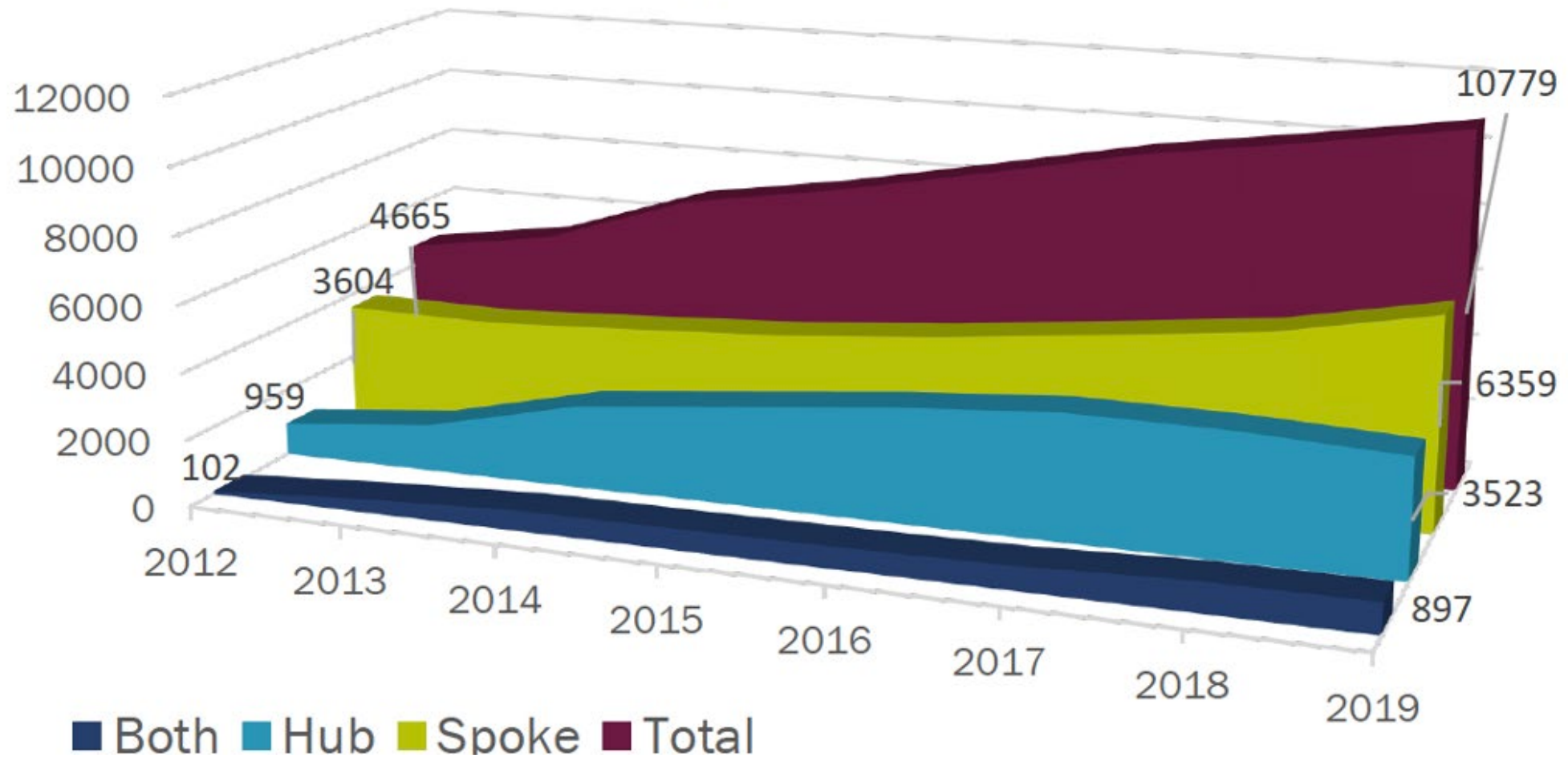
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People waiting for hub services**

15-20k

Estimated people with OUD in need of treatment (includes people in treatment)

Number of Patients Age 18-64 Served in Hubs vs Spokes



National MTD projection

- 1.2% of Adult US population 18-64 (2.4 million of 203 million)
- Profit vs non profit
- Quality of care vs marginal care for profit

Methadone Conundrum

- Providers
 - Fear
 - Diversion
 - Drug use
 - Induction safety
- Patients
 - Fear
 - Missing work/school/childcare
 - No ride to clinic
 - Stigma

1 yr retention 40-50% in Methadone treatment

Video Assisted Dosing Monitoring

- 58 patients- 41 on MTD/ 17 on BPN
- Secure device
- 83% did not meet “Take home criteria” at start of project

Secure device



Video Recording



Asynchronous (store-and-forward) system



Time- and date-
stamped videos



Providers notified
when doses are missed

Video recording

- Of 15,581 videos received
 - ONLY 1 showed evidence of diversion

1 year Results

- 98% in treatment after 1 year
- Prosocial activities increased from 79% to 93%
- Weekly travel time savings of 5.5 hours
- Weekly travel cost savings of \$72.00

Video monitoring/Secure devices

- Can expand access
- Reduce concerns for providers and regulators by giving take homes early in treatment and to people who normally would not qualify based on diversion, safety or drug use concerns

References

Brooklyn JR, Stothart M, Stunell M, Berman VM, Rylant D, Hanson M. [Characterizing the Clinical use of a Novel Video-assisted Dosing Protocol With Secure Medication Dispensers to Reduce Barriers to Opioid Treatment.](#) J Addict Med. 2021 Jul 16;. doi: 10.1097/ADM.00000000000000895. [Epub ahead of print] PubMed PMID: 34282084.

References

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Rawson, R. et al. Assessment of medication for opioid use disorder as delivered within the Vermont hub and spoke system. Journal of Substance Abuse Treatment 97 (2019) 84–90.