Supplemental Online Content

Korthuis PT, Cook RR, Foot CA, et al. Association of methamphetamine and opioid use with nonfatal overdose in rural communities. JAMA Netw Open. 2022;5(8):e2226544. doi:10.1001/jamanetworkopen.2022.26544

eTable 1. Participant Survey Items for Eligibility and Measures

eTable 2. Overall and Site-Specific Prevalence of Methamphetamine (MA) Use, N = 1271 Rural Opioid Initiative Participants at an RDS Depth of 3 or Higher

This supplemental material has been provided by the authors to give readers additional information about their work.
**Table 1.** Participant Survey Items for Eligibility and Measures

| Purpose | Questions and Response Options |
|---------|--------------------------------|
| **Background** | |
| Eligibility | How old are you? | _______ years old |
| Eligibility | What is the zip code where you have slept most in the past 30 days? (If you don’t know, ask the research staff person for help.) | ___ ___ ___ ___ |
| **Drug Use** | Have you ever used _____ to get high? |
| Eligibility, Measure | … heroin? | □ Yes □ No □ Don’t know | If yes, when did you last use heroin to get high? Please enter the two digit MONTH, followed by the two digit DAY, followed by the four digit YEAR. It’s ok if you don’t remember the exact date. Your best guess is fine. |
| Eligibility, Measure | … street fentanyl or carfentanil powder? | □ Yes □ No □ Don’t know | If yes, when did you last use fentanyl or carfentanil to get high? Please enter the two digit MONTH, followed by the two digit DAY, followed by the four digit YEAR. It’s ok if you don’t remember the exact date. Your best guess is fine. |
| Eligibility, Measure | … opiate painkillers – like oxycodone, Percocet, Percodan, OxyContin, hydrocodone, Vicodin, Lorcet, Lortab, Norco, Morphine, Dilaudid, Opana, T3s, fentanyl patch etc.? | □ Yes □ No □ Don’t know | If yes, when did you last use opiate painkillers to get high? Please enter the two digit MONTH, followed by the two digit DAY, followed by the four digit YEAR. It’s ok if you don’t remember the exact date. Your best guess is fine. |
| Measure | … methamphetamine, crystal meth or amphetamine? | □ Yes □ No □ Don’t know | If yes, when did you last use methamphetamine, crystal meth or amphetamine to get high? Please enter the two digit MONTH, followed by the two digit DAY, followed by the four digit YEAR. It’s ok if you don’t remember the exact date. Your best guess is fine. |
| Eligibility, Measure | Have you ever injected drugs to get high? | □ Yes | □ No | If yes, when did you last inject drugs to get high? Please enter the two digit MONTH, followed by the two digit DAY, followed by the four digit YEAR. It’s OK if you don’t remember the exact date. Your best guess is fine.  
___/___/____  
MO/DAY/YEAR |
|---|---|---|---|---|
| Overdose Experiences | Have you ever overdosed? By overdose, I mean if you passed out, turned blue, or stopped breathing from using drugs. | □ Yes | □ No | □ Don’t know |
| Measure | How many times in your life have you overdosed? | □ _________ times |
| Measure | When was the last time you had an overdose? Please enter the two digit MONTH followed by the two digit DAY followed by the four digit YEAR. It’s OK if you don’t remember the exact date. Your best guess is fine. | _______ / _______ /________  
Month  Day  Year |
| Treatment Access | In the past 6 months, did you try to get any of the following treatments but were unable to? Choose all that apply. | □ Buprenorphine maintenance – like Suboxone or Subutex – from a doctor or program | □ Methadone maintenance from a clinic |
| Measure | Naltrexone shots – like Vivitrol | □ Buprenorphine shots – like Sublocade |
| | Outpatient drug treatment | □ Residential or inpatient drug treatment |
| | Drug detox |
| Naloxone Possession | Do you currently have naloxone or Narcan with you or at home? | □ Yes | □ No | □ Don’t know |
**eTable 2.** Overall and Site-Specific Prevalence of Methamphetamine (MA) Use, N = 1271 Rural Opioid Initiative Participants at an RDS Depth of 3 or Higher.

| Region | Unweighted | Weighted |
|--------|------------|----------|
|        | N (%) | MA Prevalence % (95% CI) | N (%) | MA Prevalence % (95% CI) |
| Overall | 1271 (100) | 86 (70, 94) | 4,484 (100) | 83 (65, 93) |
| IL | 38 (3) | 82 (68, 92) | 117 (3) | 89 (76, 97) |
| KY | 208 (16) | 82 (76, 87) | 911 (20) | 67 (52, 82) |
| NC | 181 (14) | 92 (88, 96) | 641 (14) | 90 (83, 96) |
| NE<sup>a</sup> | 372 (29) | 33 (28, 38) | 544 (12) | 31 (26, 36) |
| OH | 129 (10) | 89 (84, 94) | 397 (9) | 78 (61, 93) |
| OR | 57 (4) | 98 (95, 100) | 174 (4) | 97 (90, 100) |
| WI | 286 (23) | 90 (86, 93) | 1,702 (38) | 88 (82, 93) |
| WV | NA | NA | NA | NA |

<sup>a</sup>Includes Massachusetts, New Hampshire, Vermont.

MA = methamphetamine. CI = Confidence Interval. NA = Not applicable; West Virginia did not collect respondent driven sampling data required for calculating depth.