|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplemental table. County-level characteristics associated with buprenorphine dispensing in 2018** | | | | |
|  | **Coefficient (95% CI)** | **p-value** |  |  |
| **Treatment capacity (waivered buprenorphine providers per 1,000)** | 0.07 (0.06, 0.08) | <0.001 |  |  |
|  |  |  |  |  |
| **Drug overdose death rate (2017)** | 0.02 (0.02, 0.03) | <0.001 |  |  |
|  |  |  |  |  |
| **Percent male** | -0.07 (-0.11, -0.04) | <0.001 |  |  |
|  |  |  |  |  |
| **Percent non-Hispanic white** | 0.02 (0.02, 0.03) | <0.001 |  |  |
|  |  |  |  |  |
| **Percent disabled** | 0.03 (0.01, 0.05) | 0.024 |  |  |
|  |  |  |  |  |
| **Insurance status (%)** |  |  |  |  |
| Uninsured | 0.02 (-3.01, 0.05) | 0.291 |  |  |
| Medicare | -0.05 (-0.04, -0.01) | <0.001 |  |  |
| Medicaid | 0.03 (0.01, 0.04) | 0.001 |  |  |
|  |  |  |  |  |
| **Percent unemployed** | 0.02 (-0.03, 0.08) | 0.416 |  |  |
|  |  |  |  |  |
| **Percent without a high school diploma** | 0.005 (-0.02, 0.03) | 0.676 |  |  |
|  |  |  |  |  |
| **Income below the Federal Poverty Level (%)** | 0.04 (0.02, 0.06) | <0.001 |  |  |
|  |  |  |  |  |
| **Urban/Rural\*** |  |  |  |  |
| Metropolitan | Ref |  |  |  |
| Micropolitan | -0.14 (-0.26, -0.01) | 0.032 |  |  |
| Noncore | -0.53 (-0.67, -0.39) | <0.001 |  |  |

**Data Sources:** IQVIA Xponent 2018. Data extracted in 2019 (**Buprenorphine dispensing)**; Substance Abuse and Mental Health Services Administration (treatment capacity); National Vital Statistics System (drug overdose death rates); American Community Survey (percent male, percentage non-Hispanic white, percentage disabled, insurance status, percent unemployed, percentage without a high school diploma, income below the Federal Poverty Level); National Center for Health Statistics (urban/rural status).

Results are from multivariable negative binomial regression model that include 2881 (91.7%) U.S. counties.

\*2013 NCHS Urban-Rural Classification Scheme was used for the creation of the county type variables (https://www.cdc.gov/nchs/data\_access/urban\_rural.htm).

CI = confidence interval.