

Supplemental Digital Content 2. Patient demographic and hospital characteristics of adolescent patients presenting to US Emergency Departments with substance use and mental health conditions as the primary diagnosis/reason, 1997-2010.

| Characteristics | Primary Substance Use Visit n = 1366 | | Primary Mental Health Visit n = 3831 | |
|-------------------|---|---------------------|---|---------------------|
| | Unweighted number of visits (n) | Weighted % (95% CI) | Unweighted number of visits (n) | Weighted % (95% CI) |
| Age Category | | | | |
| 11-13 years | 29 | 3.2 (1.4-4.9) | 400 | 10.4 (8.8-11.9) |
| 14-18 years | 501 | 38.8 (35.3-42.2) | 1460 | 38.9 (36.4-41.4) |
| 19-24 years | 836 | 58.1 (54.5-61.6) | 1971 | 50.8 (48.2-53.3) |
| Sex | | | | |
| Female | 566 | 43.9 (40.3-47.5) | 1990 | 52.8 (50.4-55.1) |
| Male | 800 | 56.1 (52.5-59.7) | 1841 | 47.2 (44.9-49.6) |
| Race/Ethnicity | | | | |
| White | 839 | 67.1 (63.2-71.0) | 1986 | 66.2 (63.3-69.1) |
| Black | 186 | 15.0 (12.2-17.9) | 860 | 19.8 (17.5-22.1) |
| Hispanic | 227 | 14.6 (11.4-17.8) | 651 | 11.4 (9.7-13.2) |
| Other | 50 | 3.3 (2.0-4.5) | 153 | 2.6 (1.8-3.4) |
| Insurance | | | | |
| Private | 484 | 35.7 (31.8-39.6) | 1163 | 33.9 (31.5-36.2) |
| Medicare | 6 | 0.2 (0-0.5) | 90 | 2.5 (1.6-3.3) |
| Medicaid | 263 | 19.8 (16.2-23.3) | 1367 | 33.4 (30.8-35.9) |
| Uninsured | 405 | 29.7 (26.3-33.1) | 761 | 20.6 (18.7-22.6) |
| Other | 206 | 14.6 (12.1-17.2) | 436 | 9.7 (8.3-11.1) |
| Setting | | | | |
| Urban | 1045 | 88.9 (83.8-94.0) | 2878 | 84.5 (77.9-91.1) |
| Rural | 90 | 11.1 (6.0-16.2) | 309 | 15.5 (8.9-22.1) |
| Region | | | | |
| Northeast | 422 | 21.8 (17.6-26.1) | 1532 | 24.0 (19.6-28.4) |
| Midwest | 262 | 21.4 (17.2-25.7) | 734 | 26.9 (21.8-32.0) |
| South | 348 | 31.7 (26.6-36.8) | 961 | 32.7 (28.2-37.1) |
| West | 334 | 25.0 (20.1-30.0) | 604 | 16.4 (13.1-19.8) |
| Ambulance Arrival | 467 | 43.9 (40.1-47.7) | 830 | 26.2 (23.7-28.6) |
| Weekend | 503 | 37.0 (33.2-40.8) | 913 | 25.5 (23.6-27.3) |
| Shift* | | | | |
| Day | 283 | 19.7 (16.0-22.5) | 1203 | 29.8 (27.6-32.1) |
| Swing | 527 | 39.3 (35.6-42.9) | 1811 | 49.4 (47.1-51.7) |
| Night | 529 | 41.0 (37.3-44.8) | 726 | 20.8 (18.8-22.7) |

*Day: 7a-3p; Swing: 3p-11p; Night: 11p-7a