

Supplementary Table 1. Sociodemographics and marijuana/tobacco use among young adults in 6 US metropolitan statistical areas assessed in Sept-Dec 2018 (baseline), N=3,006

| Variable | No legalized marijuana retail | | | | | Legalized marijuana retail | | p |
|---|---------------------------------------|--|---------------------------------------|------------------------------------|------------------------------------|--|--|-------|
| | Total N=3006 n (%) or M (SD) | Atlanta N=593 N (%) or M (SD) | Boston N=575 N (%) or M (SD) | MSP N=543 N (%) or M (SD) | OKC N=319 N (%) or M (SD) | San Diego N=474 N (%) or M (SD) | Seattle N=502 N (%) or M (SD) | |
| <i>Sociodemographics</i> | | | | | | | | |
| Age, M (SD) | 24.56 (4.72) | 24.86 (4.75) | 24.40 (4.56) | 23.78 (4.44) | 25.43 (4.87) | 24.84 (4.99) | 24.39 (4.65) | <.001 |
| Male, N (%)* | 1271 (42.3) | 249 (42.0) | 240 (41.7) | 233 (42.9) | 125 (39.2) | 205 (43.2) | 219 (43.6) | <.001 |
| Sexual minority, N (%) | 950 (31.6) | 135 (22.8) | 191 (33.2) | 218 (40.1) | 91 (28.5) | 115 (24.1) | 200 (39.8) | <.001 |
| Race, N (%) | | | | | | | | <.001 |
| White | 2151 (71.6) | 341 (57.5) | 425 (73.9) | 447 (82.3) | 255 (79.9) | 315 (66.5) | 368 (73.3) | |
| Black | 159 (5.3) | 84 (14.2) | 21 (3.7) | 20 (3.7) | 8 (2.5) | 13 (2.7) | 13 (2.6) | |
| Asian | 367 (12.2) | 116 (19.6) | 82 (14.3) | 32 (5.9) | 16 (5.0) | 67 (14.1) | 54 (10.8) | |
| Other | 329 (11.0) | 52 (8.7) | 47 (8.2) | 44 (8.1) | 40 (12.6) | 79 (16.7) | 67 (13.4) | |
| Hispanic, N (%) | 343 (11.4) | 61 (10.3) | 53 (9.2) | 34 (6.3) | 30 (9.4) | 118 (24.9) | 47 (9.4) | <.001 |
| <i>Marijuana use, N (%)</i> | | | | | | | | |
| Lifetime | 2126 (70.7) | 376 (63.4) | 398 (69.2) | 406 (74.8) | 203 (63.6) | 335 (70.7) | 408 (81.3) | <.001 |
| Past-month | 1178 (39.2) | 175 (29.4) | 227 (39.5) | 214 (39.4) | 95 (29.8) | 190 (40.1) | 277 (55.2) | <.001 |
| <i>Marijuana use characteristics</i> | | | | | | | | |
| Number of days used, past 30 days, M (SD) | 13.41 (11.54) | 12.19 (11.27) | 13.58 (11.12) | 12.75 (11.48) | 12.15 (11.48) | 12.08 (11.08) | 15.91 (12.09) | .002 |
| Times used per day, M (SD) | 2.64 (2.68) | 2.59 (2.83) | 2.42 (2.26) | 2.31 (2.36) | 2.98 (2.96) | 2.79 (3.01) | 2.88 (2.76) | .004 |
| Ways ever used, N (%) | | | | | | | | |
| Smoke | 1128 (95.8) | 170 (97.1) | 214 (94.3) | 210 (98.1) | 93 (97.9) | 177 (93.2) | 264 (95.3) | .077 |
| Pipe/Bong | 1007 (85.5) | 150 (85.7) | 188 (82.8) | 191 (89.3) | 79 (83.2) | 165 (86.8) | 234 (85.5) | .518 |
| Ingest | 1001 (85.0) | 144 (82.3) | 182 (80.2) | 183 (85.5) | 73 (76.8) | 176 (92.6) | 243 (87.7) | <.001 |
| Vape | 905 (76.8) | 126 (72.0) | 174 (76.7) | 167 (78.0) | 65 (68.4) | 152 (80.0) | 221 (79.8) | .048 |
| Other | 70 (5.9) | 7 (4.0) | 12 (5.3) | 15 (7.0) | 6 (6.3) | 8 (4.2) | 22 (7.9) | .615 |
| Way used most of the time, N (%) | | | | | | | | <.001 |
| Smoke | 621 (52.7) | 102 (58.3) | 128 (56.4) | 140 (65.4) | 59 (62.1) | 61 (32.1) | 131 (47.3) | |
| Pipe/Bong | 173 (14.7) | 28 (16.0) | 27 (11.9) | 23 (10.7) | 12 (12.6) | 32 (16.8) | 51 (18.4) | |
| Ingest | 105 (8.9) | 13 (7.4) | 15 (6.6) | 16 (7.5) | 7 (7.4) | 27 (14.2) | 27 (9.7) | |
| Vape | 250 (21.2) | 29 (16.6) | 54 (23.8) | 31 (14.5) | 14 (14.7) | 68 (35.8) | 54 (19.5) | |
| Other | 19 (1.6) | 1 (0.6) | 1 (0.4) | 2 (0.9) | 1 (1.1) | 1 (0.5) | 13 (4.7) | |
| Prefer not to answer | 10 (0.8) | 2 (1.1) | 2 (0.9) | 2 (0.9) | 2 (2.1) | 1 (0.5) | 1 (0.4) | |
| <i>Past-month use of any tobacco product N (%)</i> | | | | | | | | |
| Cigarettes | 1534 (51.0) | 352 (59.4) | 327 (56.9) | 255 (47.0) | 151 (47.3) | 256 (54.0) | 193 (38.4) | <.001 |
| E-cigarettes | 808 (26.9) | 122 (20.6) | 129 (22.4) | 159 (29.3) | 86 (27.0) | 117 (24.7) | 195 (38.8) | <.001 |
| Little cigars/cigarillos | 1133 (37.7) | 176 (29.7) | 188 (32.7) | 217 (40.0) | 134 (42.0) | 171 (36.1) | 247 (49.2) | <.001 |
| Little cigars/cigarillos | 378 (12.6) | 71 (12.0) | 51 (8.9) | 75 (13.8) | 44 (13.8) | 52 (11.0) | 85 (16.9) | .003 |

| | | | | | | | | |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| Large cigars | 213 (7.1) | 44 (7.4) | 39 (6.8) | 40 (7.4) | 30 (9.4) | 31 (6.5) | 29 (5.8) | .497 |
| Hookah | 278 (9.2) | 76 (12.8) | 37 (6.4) | 52 (9.6) | 27 (8.5) | 40 (8.4) | 46 (9.2) | .010 |
| Smokeless tobacco | 105 (3.5) | 20 (3.4) | 18 (3.1) | 13 (2.4) | 10 (3.1) | 27 (5.7) | 17 (3.4) | .103 |
| <i>Psychosocial factors</i> | | | | | | | | |
| Parental use of... N (%) | | | | | | | | |
| Marijuana | 331 (28.1) | 39 (22.3) | 59 (26.0) | 60 (28.0) | 33 (34.7) | 51 (26.8) | 89 (32.1) | .136 |
| Tobacco | 462 (39.2) | 64 (36.6) | 89 (39.2) | 94 (43.9) | 49 (51.6) | 61 (32.1) | 105 (37.9) | .021 |
| Number of friends using... M (SD) | | | | | | | | |
| Marijuana | 0.81 (0.39) | 0.73 (0.44) | 0.82 (0.38) | 0.86 (0.35) | 0.71 (0.46) | 0.79 (0.46) | 0.91 (0.29) | <.001 |
| Tobacco | 0.11 (0.12) | 0.10 (0.13) | 0.09 (0.11) | 0.11 (0.12) | 0.13 (0.14) | 0.10 (0.12) | 0.13 (0.13) | <.001 |
| Depressive symptoms, M (SD) | 1.98 (1.75) | 1.92 (1.76) | 1.82 (1.68) | 1.82 (0.12) | 1.65 (0.17) | 1.77 (0.13) | 1.77 (0.11) | .937 |

Note: p-values indicate omnibus tests (per ANOVA and Chi-Square) across MSAs. * 87 reported "other" sex.