

**Table 8.47C Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Numbers in Thousands, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0            | 0            | 752                                    | 750                                    | 316  | 311  | 648   | 638   | 1,831                                 | 1,750                                 | 399                     | 400                     | 303  | 327  | 1,947                      | 1,912                      |
| <b>ILLICIT DRUGS</b>                            | 210          | 263          | 161                                    | 189                                    | 104  | 120  | 125   | 131   | 135                                   | 169                                   | 105                     | 132                     | 94   | 111  | 178                        | 211                        |
| Marijuana                                       | 150          | 167          | 111                                    | 110                                    | 69   | 60   | 83  | 91  | 90                                    | 116                                   | 67                      | 80                      | 59   | 57   | 122                        | 140                        |
| Cocaine   | 86           | 93           | 75                                     | 66                                     | 47   | 50   | 57  | 37  | 44                                    | 63                                    | 39                      | 49                      | 36   | 45   | 74                         | 77                         |
| Heroin  | 68           | 88           | 57                                     | 44                                     | 39   | 29   | 42  | 31  | 34                                    | 76                                    | 35                      | 26                      | 29   | 23   | 55                         | 82                         |
| Hallucinogens                                   | 37           | 31           | 31                                     | 26                                     | 18   | 21   | 25  | 15  | 20                                    | 16                                    | 17                      | 22                      | 16   | 19   | 33                         | 20                         |
| Inhalants                                       | 21           | 26           | 19                                     | 22                                     | 5  | 13   | 18  | 18  | 8                                     | 14                                    | 10                      | 14                      | 9  | 10   | 18                         | 22                         |
| Methamphetamine                                 | 91           | 96           | 66                                     | 84                                     | 43   | 68   | 51  | 48  | 61                                    | 44                                    | 40                      | 73                      | 39   | 61   | 79                         | 63                         |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 130          | 150          | 106                                    | 117                                    | 73   | 80   | 75  | 84  | 74                                    | 83                                    | 73                      | 83                      | 66   | 67   | 104                        | 115                        |
| Pain Relievers                                  | 110          | 135          | 90                                     | 101                                    | 60   | 64   | 63  | 77  | 62                                    | 75                                    | 59                      | 69                      | 53   | 51   | 90                         | 104                        |
| Stimulants                                      | 55           | 53           | 48                                     | 46                                     | 33   | 35   | 34  | 30  | 26                                    | 25                                    | 35                      | 34                      | 32   | 34   | 42                         | 38                         |
| Tranquilizers or Sedatives                      | 68           | 72           | 57                                     | 66                                     | 44   | 42   | 39  | 50  | 34                                    | 30                                    | 43                      | 52                      | 42   | 39   | 50                         | 49                         |
| Tranquilizers                                   | 62           | 67           | 51                                     | 64                                     | 40   | 41   | 35  | 49  | 33                                    | 18                                    | 37                      | 51                      | 37   | 38   | 48                         | 43                         |
| Sedatives                                       | 39           | 29           | 37                                     | 17                                     | 27   | 15   | 25  | 8   | 13                                    | 24                                    | 33                      | 15                      | 28   | 15   | 22                         | 24                         |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 124          | 155          | 100                                    | 107                                    | 66   | 67   | 74  | 80  | 71                                    | 100                                   | 64                      | 71                      | 56   | 52   | 102                        | 127                        |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 172          | 204          | 134                                    | 152                                    | 87   | 109  | 103   | 95  | 107                                   | 127                                   | 87                      | 112                     | 79   | 95   | 146                        | 160                        |
| <b>ALCOHOL</b>                                  | 324          | 352          | 206                                    | 238                                    | 124  | 117  | 166   | 199   | 270                                   | 261                                   | 126                     | 141                     | 109  | 110  | 318                        | 335                        |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 111          | 147          | 94                                     | 114                                    | 64   | 76   | 72  | 80  | 67                                    | 89                                    | 59                      | 80                      | 55   | 72   | 97                         | 119                        |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 373          | 407          | 252                                    | 284                                    | 154  | 153  | 196   | 222   | 301                                   | 298                                   | 159                     | 177                     | 137  | 144  | 359                        | 373                        |
| <b>ILLICIT DRUGS ONLY</b>                       | 173          | 206          | 128                                    | 143                                    | 82   | 92   | 100   | 103   | 113                                   | 141                                   | 89                      | 103                     | 77   | 82   | 146                        | 170                        |
| <b>ALCOHOL ONLY</b>                             | 305          | 318          | 181                                    | 205                                    | 104  | 92   | 150   | 178   | 260                                   | 245                                   | 110                     | 114                     | 92   | 83   | 299                        | 305                        |
| <b>NO SUBSTANCE USE DISORDER</b>                | 373          | 407          | 659                                    | 673                                    | 257  | 263  | 587   | 593   | 1,771                                 | 1,690                                 | 352                     | 336                     | 264  | 281  | 1,868                      | 1,835                      |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.47D Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Percentages, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0.00         | 0.00         | 0.00                                   | 0.00                                   | 0.00                                       | 0.00                                       | 0.00  | 0.00  | 0.00                                  | 0.00                                  | 0.00                    | 0.00                    | 0.00   | 0.00   | 0.00                       | 0.00                       |
| <b>ILLICIT DRUGS</b>                            | 0.08         | 0.11         | 0.33                                   | 0.37                                   | 0.83                                       | 0.95                                       | 0.34  | 0.35  | 0.07                                  | 0.08                                  | 0.56                    | 0.68                    | 0.78   | 0.88   | 0.08                       | 0.09                       |
| Marijuana                                       | 0.06         | 0.07         | 0.23                                   | 0.23                                   | 0.59                                       | 0.52                                       | 0.23  | 0.25  | 0.04                                  | 0.06                                  | 0.38                    | 0.44                    | 0.52   | 0.49   | 0.05                       | 0.06                       |
| Cocaine   | 0.03         | 0.04         | 0.16                                   | 0.14                                   | 0.42                                       | 0.43                                       | 0.16  | 0.10  | 0.02                                  | 0.03                                  | 0.22                    | 0.27                    | 0.33   | 0.38   | 0.03                       | 0.03                       |
| Heroin  | 0.03         | 0.04         | 0.12                                   | 0.09                                   | 0.34                                       | 0.25                                       | 0.12  | 0.09  | 0.02                                  | 0.04                                  | 0.20                    | 0.15                    | 0.26   | 0.20   | 0.02                       | 0.04                       |
| Hallucinogens                                   | 0.01         | 0.01         | 0.07                                   | 0.06                                   | 0.16                                       | 0.19                                       | 0.07  | 0.04  | 0.01                                  | 0.01                                  | 0.10                    | 0.12                    | 0.15   | 0.17   | 0.01                       | 0.01                       |
| Inhalants                                       | 0.01         | 0.01         | 0.04                                   | 0.05                                   | 0.05                                       | 0.11                                       | 0.05  | 0.05  | 0.00                                  | 0.01                                  | 0.06                    | 0.08                    | 0.08   | 0.09   | 0.01                       | 0.01                       |
| Methamphetamine                                 | 0.04         | 0.04         | 0.14                                   | 0.17                                   | 0.38                                       | 0.58                                       | 0.14  | 0.13  | 0.03                                  | 0.02                                  | 0.23                    | 0.41                    | 0.35   | 0.52   | 0.03                       | 0.03                       |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.05         | 0.06         | 0.22                                   | 0.24                                   | 0.62                                       | 0.68                                       | 0.21  | 0.23  | 0.04                                  | 0.04                                  | 0.40                    | 0.46                    | 0.57   | 0.56   | 0.05                       | 0.05                       |
| Pain Relievers                                  | 0.04         | 0.05         | 0.19                                   | 0.21                                   | 0.52                                       | 0.55                                       | 0.18  | 0.21  | 0.03                                  | 0.04                                  | 0.33                    | 0.39                    | 0.47   | 0.44   | 0.04                       | 0.05                       |
| Stimulants                                      | 0.02         | 0.02         | 0.10                                   | 0.10                                   | 0.29                                       | 0.30                                       | 0.10  | 0.08  | 0.01                                  | 0.01                                  | 0.20                    | 0.19                    | 0.28   | 0.29   | 0.02                       | 0.02                       |
| Tranquilizers or Sedatives                      | 0.03         | 0.03         | 0.12                                   | 0.14                                   | 0.38                                       | 0.36                                       | 0.11  | 0.14  | 0.02                                  | 0.01                                  | 0.24                    | 0.29                    | 0.37   | 0.34   | 0.02                       | 0.02                       |
| Tranquilizers                                   | 0.02         | 0.03         | 0.11                                   | 0.13                                   | 0.35                                       | 0.35                                       | 0.10  | 0.14  | 0.02                                  | 0.01                                  | 0.21                    | 0.29                    | 0.34   | 0.32   | 0.02                       | 0.02                       |
| Sedatives                                       | 0.02         | 0.01         | 0.08                                   | 0.04                                   | 0.24                                       | 0.13                                       | 0.07  | 0.02  | 0.01                                  | 0.01                                  | 0.19                    | 0.08                    | 0.26   | 0.13   | 0.01                       | 0.01                       |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 0.05         | 0.06         | 0.21                                   | 0.22                                   | 0.57                                       | 0.58                                       | 0.21  | 0.22  | 0.04                                  | 0.05                                  | 0.36                    | 0.40                    | 0.49   | 0.45   | 0.04                       | 0.06                       |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.07         | 0.08         | 0.28                                   | 0.31                                   | 0.72                                       | 0.89                                       | 0.29  | 0.26  | 0.05                                  | 0.06                                  | 0.47                    | 0.59                    | 0.67   | 0.77   | 0.06                       | 0.07                       |
| <b>ALCOHOL</b>                                  | 0.13         | 0.14         | 0.39                                   | 0.46                                   | 0.97                                       | 0.91                                       | 0.43  | 0.52  | 0.13                                  | 0.13                                  | 0.68                    | 0.70                    | 0.92   | 0.86   | 0.13                       | 0.14                       |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.04         | 0.06         | 0.20                                   | 0.23                                   | 0.55                                       | 0.63                                       | 0.20  | 0.22  | 0.03                                  | 0.04                                  | 0.33                    | 0.43                    | 0.49   | 0.60   | 0.04                       | 0.05                       |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.15         | 0.16         | 0.46                                   | 0.53                                   | 1.11                                       | 1.13                                       | 0.50  | 0.57  | 0.14                                  | 0.14                                  | 0.81                    | 0.83                    | 1.09   | 1.07   | 0.15                       | 0.16                       |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.07         | 0.08         | 0.27                                   | 0.29                                   | 0.68                                       | 0.77                                       | 0.28  | 0.28  | 0.06                                  | 0.07                                  | 0.49                    | 0.55                    | 0.66   | 0.68   | 0.06                       | 0.07                       |
| <b>ALCOHOL ONLY</b>                             | 0.12         | 0.13         | 0.35                                   | 0.41                                   | 0.84                                       | 0.76                                       | 0.39  | 0.47  | 0.13                                  | 0.12                                  | 0.60                    | 0.60                    | 0.79   | 0.68   | 0.13                       | 0.13                       |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.15         | 0.16         | 0.46                                   | 0.53                                   | 1.11                                       | 1.13                                       | 0.50  | 0.57  | 0.14                                  | 0.14                                  | 0.81                    | 0.83                    | 1.09   | 1.07   | 0.15                       | 0.16                       |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.47P Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | da           |              | da                                     |  | da   |  | da  |   | da                                    |                                       | da                      |                         | da   |  | da                         |                            |
| <b>ILLICIT DRUGS</b>                            | 0.1055       |              | 0.2388                                 |  | 0.1026                                     |  | 0.7850  |   | 0.2662                                |                                       | 0.0290                  |                         | 0.2110   |  | 0.4460                     |                            |
| Marijuana                                       | 0.0783       |              | 0.2415                                 |  | 0.9726                                     |  | 0.1459  |   | 0.1787                                |                                       | 0.0353                  |                         | 0.5377   |  | 0.3974                     |                            |
| Cocaine   | 0.8828       |              | 0.4826                                 |  | 0.6175                                     |  | 0.1340  |   | 0.3287                                |                                       | 0.4111                  |                         | 0.7424   |  | 0.8783                     |                            |
| Heroin  | 0.2456       |              | 0.0633                                 |  | 0.1768                                     |  | 0.2034  |   | 0.9663                                |                                       | 0.1577                  |                         | 0.3974   |  | 0.5833                     |                            |
| Hallucinogens                                   | 0.5891       |              | 0.4528                                 |  | 0.3201                                     |  | 0.0434  |   | 0.9100                                |                                       | 0.1448                  |                         | 0.3167   |  | 0.0467                     |                            |
| Inhalants                                       | 0.4456       |              | 0.9471                                 |  | 0.4918                                     |  | 0.7706  |   | 0.1707                                |                                       | 0.9005                  |                         | 0.8264   |  | 0.2941                     |                            |
| Methamphetamine                                 | 0.5127       |              | 0.2436                                 |  | 0.0282                                     |  | 0.4901  |   | 0.5665                                |                                       | 0.0409                  |                         | 0.1241   |  | 0.5210                     |                            |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.9154       |              | 0.8775                                 |  | 0.6558                                     |  | 0.8727  |   | 0.8303                                |                                       | 0.9940                  |                         | 0.7933   |  | 0.8891                     |                            |
| Pain Relievers                                  | 0.9960       |              | 0.9076                                 |  | 0.7129                                     |  | 0.8655  |   | 0.9749                                |                                       | 0.5502                  |                         | 0.3249   |  | 0.5535                     |                            |
| Stimulants                                      | 0.9444       |              | 0.8095                                 |  | 0.5138                                     |  | 0.3150  |   | 0.8757                                |                                       | 0.6963                  |                         | 0.8800   |  | 0.4861                     |                            |
| Tranquilizers or Sedatives                      | 0.5294       |              | 0.9184                                 |  | 0.9450                                     |  | 0.9551  |   | 0.1857                                |                                       | 0.9676                  |                         | 0.5995   |  | 0.2819                     |                            |
| Tranquilizers                                   | 0.5871       |              | 0.7907                                 |  | 0.8124                                     |  | 0.8776  |   | 0.0401                                |                                       | 0.6637                  |                         | 0.8075   |  | 0.1823                     |                            |
| Sedatives                                       | 0.0708       |              | 0.0189                                 |  | 0.2168                                     |  | 0.0302  |   | 0.8096                                |                                       | 0.0355                  |                         | 0.1132   |  | 0.5271                     |                            |
| Benzodiazepines                                 | --           |              | --                                     |  | --   |  | --  |   | --                                    |                                       | --                      |                         | --   |  | --                         |                            |
| Opioids   | 0.6264       |              | 0.5185                                 |  | 0.4417                                     |  | 0.8252  |   | 0.8686                                |                                       | 0.3339                  |                         | 0.2360   |  | 0.8955                     |                            |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.7157       |              | 0.8327                                 |  | 0.1315                                     |  | 0.3130  |   | 0.8761                                |                                       | 0.1776                  |                         | 0.3485   |  | 0.7979                     |                            |
| <b>ALCOHOL</b>                                  | 0.5865       |              | 0.1864                                 |  | 0.4051                                     |  | 0.0334  |   | 0.6047                                |                                       | 0.7858                  |                         | 0.1837   |  | 0.7524                     |                            |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.0883       |              | 0.1983                                 |  | 0.4067                                     |  | 0.3224  |   | 0.2905                                |                                       | 0.0793                  |                         | 0.3929   |  | 0.3541                     |                            |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.3690       |              | 0.1609                                 |  | 0.9003                                     |  | 0.0914  |   | 0.8793                                |                                       | 0.2867                  |                         | 0.5706   |  | 0.6743                     |                            |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.3686       |              | 0.6270                                 |  | 0.1928                                     |  | 0.6839  |   | 0.4936                                |                                       | 0.1769                  |                         | 0.3895   |  | 0.7468                     |                            |
| <b>ALCOHOL ONLY</b>                             | 0.8987       |              | 0.4384                                 |  | 0.1095                                     |  | 0.0642  |   | 0.3781                                |                                       | 0.4291                  |                         | 0.0246   |  | 0.9955                     |                            |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.3690       |              | 0.1609                                 |  | 0.9003                                     |  | 0.0914  |   | 0.8793                                |                                       | 0.2867                  |                         | 0.5706   |  | 0.6743                     |                            |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.48C Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 to 25, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Numbers in Thousands, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0            | 0            | 241                                    | 195                                    | 97   | 90   | 198   | 165   | 411                                   | 416                                   | 134                     | 130                     | 105  | 102  | 483                        | 463                        |
| <b>ILLICIT DRUGS</b>                            | 92           | 92           | 72                                     | 71                                     | 44   | 45   | 54  | 53  | 65                                    | 68                                    | 47                      | 54                      | 40   | 43   | 79                         | 85                         |
| Marijuana                                       | 83           | 85           | 62                                     | 62                                     | 37   | 40   | 45  | 47  | 58                                    | 60                                    | 36                      | 49                      | 31   | 36   | 70                         | 75                         |
| Cocaine   | 27           | 27           | 22                                     | 19                                     | 18   | 14   | 15  | 14  | 15                                    | 19                                    | 15                      | 15                      | 14   | 13   | 24                         | 23                         |
| Heroin  | 25           | 19           | 23                                     | 16                                     | 18   | 9  | 13  | 13  | 11                                    | 8                                     | 14                      | 11                      | 13   | 10   | 17                         | 15                         |
| Hallucinogens                                   | 21           | 21           | 19                                     | 15                                     | 13   | 13   | 14  | 8   | 10                                    | 14                                    | 9                       | 12                      | 8  | 11   | 19                         | 16                         |
| Inhalants                                       | 9            | 12           | 9                                      | 10                                     | 5  | 2  | 7   | 10  | 2                                     | 7                                     | 7                       | 7                       | 4  | 7  | 6                          | 10                         |
| Methamphetamine                                 | 28           | 21           | 25                                     | 17                                     | 20   | 12   | 14  | 12  | 11                                    | 12                                    | 15                      | 12                      | 13   | 11   | 19                         | 16                         |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 45           | 41           | 37                                     | 30                                     | 26   | 24   | 26  | 19  | 25                                    | 30                                    | 28                      | 25                      | 25   | 22   | 35                         | 34                         |
| Pain Relievers                                  | 31           | 28           | 26                                     | 19                                     | 19   | 15   | 18  | 13  | 18                                    | 20                                    | 20                      | 15                      | 18   | 14   | 24                         | 24                         |
| Stimulants                                      | 22           | 26           | 21                                     | 17                                     | 14   | 15   | 15  | 9   | 9                                     | 20                                    | 17                      | 15                      | 15   | 13   | 15                         | 21                         |
| Tranquilizers or Sedatives                      | 33           | 25           | 26                                     | 21                                     | 19   | 17   | 18  | 13  | 18                                    | 15                                    | 20                      | 19                      | 18   | 16   | 25                         | 18                         |
| Tranquilizers                                   | 32           | 25           | 26                                     | 21                                     | 19   | 16   | 18  | 13  | 18                                    | 15                                    | 19                      | 19                      | 18   | 16   | 25                         | 18                         |
| Sedatives                                       | 8            | 4            | 6                                      | 3                                      | 5  | 3  | 3   | *   | 4                                     | 3                                     | 6                       | 3                       | 6  | 3  | 5                          | 3                          |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 37           | 32           | 32                                     | 24                                     | 25   | 16   | 21  | 18  | 20                                    | 22                                    | 22                      | 18                      | 21   | 15   | 27                         | 27                         |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 57           | 52           | 47                                     | 39                                     | 34   | 29   | 33  | 28  | 33                                    | 39                                    | 35                      | 31                      | 30   | 26   | 45                         | 45                         |
| <b>ALCOHOL</b>                                  | 106          | 104          | 78                                     | 72                                     | 46   | 40   | 58  | 59  | 89                                    | 86                                    | 55                      | 52                      | 47   | 40   | 104                        | 104                        |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 55           | 56           | 43                                     | 40                                     | 25   | 26   | 34  | 30  | 37                                    | 41                                    | 29                      | 31                      | 25   | 25   | 47                         | 50                         |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 123          | 122          | 98                                     | 96                                     | 60   | 55   | 72  | 75  | 107                                   | 104                                   | 65                      | 70                      | 56   | 53   | 124                        | 126                        |
| <b>ILLICIT DRUGS ONLY</b>                       | 74           | 73           | 54                                     | 56                                     | 36   | 34   | 39  | 43  | 53                                    | 52                                    | 37                      | 41                      | 33   | 32   | 63                         | 64                         |
| <b>ALCOHOL ONLY</b>                             | 90           | 89           | 60                                     | 60                                     | 38   | 31   | 43  | 50  | 76                                    | 72                                    | 46                      | 41                      | 40   | 31   | 86                         | 86                         |
| <b>NO SUBSTANCE USE DISORDER</b>                | 123          | 122          | 190                                    | 160                                    | 72   | 72   | 171   | 137   | 378                                   | 376                                   | 106                     | 104                     | 82   | 85   | 437                        | 410                        |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.48D Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 to 25, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Percentages, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0.00         | 0.00         | 0.00                                   | 0.00                                   | 0.00                                       | 0.00                                       | 0.00  | 0.00  | 0.00                                  | 0.00                                  | 0.00                    | 0.00                    | 0.00   | 0.00   | 0.00                       | 0.00                       |
| <b>ILLICIT DRUGS</b>                            | 0.27         | 0.27         | 0.67                                   | 0.71                                   | 1.44                                       | 1.49                                       | 0.76  | 0.77  | 0.25                                  | 0.26                                  | 0.95                    | 1.05                    | 1.25   | 1.30   | 0.25                       | 0.27                       |
| Marijuana                                       | 0.24         | 0.25         | 0.60                                   | 0.64                                   | 1.28                                       | 1.38                                       | 0.64  | 0.70  | 0.22                                  | 0.23                                  | 0.76                    | 0.96                    | 1.01   | 1.13   | 0.22                       | 0.24                       |
| Cocaine   | 0.08         | 0.08         | 0.25                                   | 0.22                                   | 0.67                                       | 0.51                                       | 0.25  | 0.22  | 0.06                                  | 0.08                                  | 0.33                    | 0.32                    | 0.49   | 0.43   | 0.08                       | 0.08                       |
| Heroin  | 0.07         | 0.06         | 0.24                                   | 0.18                                   | 0.70                                       | 0.36                                       | 0.21  | 0.21  | 0.04                                  | 0.03                                  | 0.30                    | 0.23                    | 0.43   | 0.33   | 0.06                       | 0.05                       |
| Hallucinogens                                   | 0.06         | 0.06         | 0.21                                   | 0.17                                   | 0.49                                       | 0.48                                       | 0.22  | 0.13  | 0.04                                  | 0.06                                  | 0.20                    | 0.27                    | 0.28   | 0.37   | 0.07                       | 0.06                       |
| Inhalants                                       | 0.03         | 0.04         | 0.10                                   | 0.11                                   | 0.19                                       | 0.07                                       | 0.12  | 0.15  | 0.01                                  | 0.03                                  | 0.15                    | 0.15                    | 0.15   | 0.23   | 0.02                       | 0.03                       |
| Methamphetamine                                 | 0.08         | 0.06         | 0.27                                   | 0.19                                   | 0.76                                       | 0.44                                       | 0.23  | 0.20  | 0.04                                  | 0.05                                  | 0.33                    | 0.27                    | 0.45   | 0.38   | 0.06                       | 0.06                       |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.13         | 0.12         | 0.41                                   | 0.33                                   | 0.96                                       | 0.86                                       | 0.42  | 0.30  | 0.10                                  | 0.12                                  | 0.62                    | 0.53                    | 0.82   | 0.71   | 0.12                       | 0.12                       |
| Pain Relievers                                  | 0.09         | 0.08         | 0.29                                   | 0.22                                   | 0.72                                       | 0.55                                       | 0.28  | 0.21  | 0.07                                  | 0.08                                  | 0.44                    | 0.33                    | 0.61   | 0.45   | 0.08                       | 0.08                       |
| Stimulants                                      | 0.06         | 0.08         | 0.23                                   | 0.19                                   | 0.55                                       | 0.55                                       | 0.23  | 0.14  | 0.04                                  | 0.08                                  | 0.38                    | 0.33                    | 0.51   | 0.45   | 0.05                       | 0.07                       |
| Tranquilizers or Sedatives                      | 0.10         | 0.07         | 0.29                                   | 0.24                                   | 0.75                                       | 0.62                                       | 0.29  | 0.20  | 0.07                                  | 0.06                                  | 0.44                    | 0.39                    | 0.63   | 0.54   | 0.09                       | 0.06                       |
| Tranquilizers                                   | 0.09         | 0.07         | 0.29                                   | 0.23                                   | 0.74                                       | 0.62                                       | 0.29  | 0.20  | 0.07                                  | 0.06                                  | 0.43                    | 0.39                    | 0.62   | 0.54   | 0.08                       | 0.06                       |
| Sedatives                                       | 0.02         | 0.01         | 0.07                                   | 0.04                                   | 0.21                                       | 0.13                                       | 0.06  | *   | 0.02                                  | 0.01                                  | 0.14                    | 0.08                    | 0.20   | 0.11   | 0.02                       | 0.01                       |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 0.11         | 0.09         | 0.34                                   | 0.26                                   | 0.92                                       | 0.60                                       | 0.33  | 0.28  | 0.08                                  | 0.09                                  | 0.50                    | 0.38                    | 0.69   | 0.51   | 0.09                       | 0.09                       |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.17         | 0.15         | 0.49                                   | 0.43                                   | 1.20                                       | 1.03                                       | 0.53  | 0.43  | 0.13                                  | 0.15                                  | 0.75                    | 0.64                    | 0.99   | 0.86   | 0.15                       | 0.15                       |
| <b>ALCOHOL</b>                                  | 0.31         | 0.31         | 0.74                                   | 0.69                                   | 1.56                                       | 1.32                                       | 0.83  | 0.80  | 0.33                                  | 0.31                                  | 1.07                    | 0.96                    | 1.43   | 1.20   | 0.32                       | 0.32                       |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.16         | 0.17         | 0.45                                   | 0.42                                   | 0.94                                       | 0.96                                       | 0.50  | 0.45  | 0.14                                  | 0.16                                  | 0.63                    | 0.63                    | 0.86   | 0.82   | 0.16                       | 0.17                       |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.36         | 0.36         | 0.82                                   | 0.88                                   | 1.71                                       | 1.68                                       | 0.98  | 0.98  | 0.38                                  | 0.36                                  | 1.14                    | 1.23                    | 1.51   | 1.48   | 0.37                       | 0.37                       |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.22         | 0.22         | 0.54                                   | 0.60                                   | 1.23                                       | 1.22                                       | 0.60  | 0.66  | 0.20                                  | 0.20                                  | 0.79                    | 0.84                    | 1.06   | 1.02   | 0.20                       | 0.21                       |
| <b>ALCOHOL ONLY</b>                             | 0.26         | 0.26         | 0.63                                   | 0.61                                   | 1.35                                       | 1.11                                       | 0.66  | 0.72  | 0.28                                  | 0.27                                  | 0.95                    | 0.82                    | 1.24   | 0.97   | 0.27                       | 0.28                       |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.36         | 0.36         | 0.82                                   | 0.88                                   | 1.71                                       | 1.68                                       | 0.98  | 0.98  | 0.38                                  | 0.36                                  | 1.14                    | 1.23                    | 1.51   | 1.48   | 0.37                       | 0.37                       |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.48P Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 18 to 25, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | da           |              | da                                     |  | da   |  | da  |   | da                                    |                                       | da                      |                         | da   |  | da                         |                            |
| <b>ILLICIT DRUGS</b>                            | 0.4055       |              | 0.4394                                 |  | 0.9533                                     |  | 0.3139  |   | 0.7832                                |                                       | 0.1610                  |                         | 0.7076   |  | 0.9115                     |                            |
| Marijuana                                       | 0.0592       |              | 0.0365                                 |  | 0.4599                                     |  | 0.0350  |   | 0.5168                                |                                       | 0.0233                  |                         | 0.2953   |  | 0.3088                     |                            |
| Cocaine   | 0.4494       |              | 0.5511                                 |  | 0.4044                                     |  | 0.9932  |   | 0.5780                                |                                       | 0.8491                  |                         | 0.7965   |  | 0.3425                     |                            |
| Heroin  | 0.0457       |              | 0.0846                                 |  | 0.0975                                     |  | 0.4853  |   | 0.1891                                |                                       | 0.2647                  |                         | 0.4116   |  | 0.1624                     |                            |
| Hallucinogens                                   | 0.7623       |              | 0.3440                                 |  | 0.7731                                     |  | 0.0786  |   | 0.0813                                |                                       | 0.3307                  |                         | 0.4354   |  | 0.6457                     |                            |
| Inhalants                                       | 0.4501       |              | 0.8465                                 |  | 0.0740                                     |  | 0.5761  |   | 0.0627                                |                                       | 0.4797                  |                         | 0.8705   |  | 0.0917                     |                            |
| Methamphetamine                                 | 0.1384       |              | 0.0934                                 |  | 0.1329                                     |  | 0.4015  |   | 0.7945                                |                                       | 0.5275                  |                         | 0.7211   |  | 0.2177                     |                            |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.1940       |              | 0.0215                                 |  | 0.4394                                     |  | 0.0108  |   | 0.5733                                |                                       | 0.2889                  |                         | 0.1648   |  | 0.3147                     |                            |
| Pain Relievers                                  | 0.0397       |              | 0.0087                                 |  | 0.1270                                     |  | 0.0268  |   | 0.8422                                |                                       | 0.0698                  |                         | 0.0513   |  | 0.2439                     |                            |
| Stimulants                                      | 0.9890       |              | 0.0759                                 |  | 0.7681                                     |  | 0.0143  |   | 0.0391                                |                                       | 0.3907                  |                         | 0.3796   |  | 0.5859                     |                            |
| Tranquilizers or Sedatives                      | 0.1558       |              | 0.1440                                 |  | 0.4486                                     |  | 0.1833  |   | 0.5353                                |                                       | 0.5309                  |                         | 0.4240   |  | 0.0905                     |                            |
| Tranquilizers                                   | 0.2128       |              | 0.1791                                 |  | 0.4967                                     |  | 0.2180  |   | 0.6433                                |                                       | 0.6304                  |                         | 0.5008   |  | 0.1182                     |                            |
| Sedatives                                       | 0.0879       |              | 0.1363                                 |  | 0.4802                                     |  | *   |   | 0.3820                                |                                       | 0.2148                  |                         | 0.2568   |  | 0.2025                     |                            |
| Benzodiazepines                                 | --           |              | --                                     |  | --   |  | --  |   | --                                    |                                       | --                      |                         | --   |  | --                         |                            |
| Opioids   | 0.0092       |              | 0.0039                                 |  | 0.0319                                     |  | 0.0667  |   | 0.4498                                |                                       | 0.0574                  |                         | 0.0471   |  | 0.1114                     |                            |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.1926       |              | 0.0292                                 |  | 0.2373                                     |  | 0.0606  |   | 0.7421                                |                                       | 0.6680                  |                         | 0.4787   |  | 0.1840                     |                            |
| <b>ALCOHOL</b>                                  | 0.9607       |              | 0.9771                                 |  | 0.1265                                     |  | 0.2588  |   | 0.9173                                |                                       | 0.2781                  |                         | 0.0874   |  | 0.8619                     |                            |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.6821       |              | 0.6781                                 |  | 0.9259                                     |  | 0.6589  |   | 0.9647                                |                                       | 0.5694                  |                         | 0.7614   |  | 0.9627                     |                            |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.6244       |              | 0.6684                                 |  | 0.1776                                     |  | 0.1358  |   | 0.9431                                |                                       | 0.9723                  |                         | 0.1817   |  | 0.7978                     |                            |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.4576       |              | 0.5380                                 |  | 0.8870                                     |  | 0.3695  |   | 0.7565                                |                                       | 0.2050                  |                         | 0.8266   |  | 0.8579                     |                            |
| <b>ALCOHOL ONLY</b>                             | 0.8429       |              | 0.7862                                 |  | 0.0653                                     |  | 0.3032  |   | 0.8859                                |                                       | 0.0933                  |                         | 0.0236   |  | 0.8192                     |                            |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.6244       |              | 0.6684                                 |  | 0.1776                                     |  | 0.1358  |   | 0.9431                                |                                       | 0.9723                  |                         | 0.1817   |  | 0.7978                     |                            |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.49C Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Numbers in Thousands, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0            | 0            | 684                                    | 701                                    | 298  | 290  | 598   | 609   | 1,795                                 | 1,680                                 | 374                     | 369                     | 284  | 302  | 1,895                      | 1,824                      |
| <b>ILLICIT DRUGS</b>                            | 186          | 236          | 147                                    | 172                                    | 95   | 111  | 113   | 119   | 115                                   | 152                                   | 94                      | 118                     | 83   | 102  | 159                        | 189                        |
| Marijuana                                       | 119          | 135          | 94                                     | 92                                     | 57   | 44   | 73  | 80  | 70                                    | 96                                    | 57                      | 63                      | 48   | 46   | 104                        | 115                        |
| Cocaine   | 82           | 88           | 70                                     | 63                                     | 45   | 48   | 54  | 35  | 41                                    | 59                                    | 36                      | 45                      | 34   | 41   | 70                         | 74                         |
| Heroin  | 61           | 85           | 50                                     | 41                                     | 33   | 27   | 39  | 29  | 32                                    | 75                                    | 32                      | 24                      | 25   | 21   | 51                         | 81                         |
| Hallucinogens                                   | 30           | 22           | 25                                     | 21                                     | 13   | 17   | 22  | 12  | 18                                    | 8                                     | 14                      | 18                      | 14   | 16   | 27                         | 12                         |
| Inhalants                                       | 19           | 23           | 17                                     | 20                                     | 2  | 13   | 17  | 15  | 8                                     | 12                                    | 8                       | 12                      | 8  | 8  | 17                         | 20                         |
| Methamphetamine                                 | 84           | 92           | 60                                     | 81                                     | 37   | 66   | 49  | 46  | 59                                    | 42                                    | 36                      | 71                      | 35   | 60   | 75                         | 61                         |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 118          | 145          | 97                                     | 112                                    | 68   | 76   | 69  | 81  | 68                                    | 79                                    | 66                      | 78                      | 61   | 63   | 97                         | 111                        |
| Pain Relievers                                  | 104          | 134          | 84                                     | 98                                     | 57   | 62   | 59  | 76  | 59                                    | 75                                    | 55                      | 67                      | 49   | 48   | 86                         | 104                        |
| Stimulants                                      | 49           | 45           | 42                                     | 43                                     | 29   | 32   | 31  | 29  | 24                                    | 15                                    | 30                      | 31                      | 27   | 31   | 39                         | 31                         |
| Tranquilizers or Sedatives                      | 56           | 67           | 50                                     | 62                                     | 39   | 39   | 34  | 48  | 26                                    | 26                                    | 37                      | 49                      | 37   | 36   | 40                         | 45                         |
| Tranquilizers                                   | 50           | 61           | 43                                     | 60                                     | 34   | 37   | 29  | 47  | 25                                    | 11                                    | 31                      | 48                      | 32   | 34   | 39                         | 39                         |
| Sedatives                                       | 38           | 29           | 37                                     | 17                                     | 27   | 14   | 25  | 8   | 12                                    | 23                                    | 32                      | 14                      | 28   | 14   | 21                         | 24                         |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 116          | 153          | 94                                     | 104                                    | 61   | 65   | 69  | 79  | 67                                    | 100                                   | 60                      | 68                      | 52   | 49   | 98                         | 125                        |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 160          | 196          | 126                                    | 146                                    | 83   | 105  | 96  | 90  | 100                                   | 122                                   | 80                      | 106                     | 73   | 91   | 135                        | 153                        |
| <b>ALCOHOL</b>                                  | 303          | 333          | 189                                    | 225                                    | 114  | 111  | 155   | 188   | 254                                   | 250                                   | 115                     | 132                     | 98   | 101  | 301                        | 319                        |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 100          | 130          | 84                                     | 102                                    | 59   | 71   | 62  | 71  | 56                                    | 79                                    | 51                      | 72                      | 49   | 66   | 85                         | 107                        |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 344          | 385          | 230                                    | 268                                    | 140  | 142  | 181   | 213   | 282                                   | 284                                   | 145                     | 162                     | 124  | 133  | 336                        | 356                        |
| <b>ILLICIT DRUGS ONLY</b>                       | 153          | 189          | 118                                    | 133                                    | 73   | 86   | 94  | 94  | 97                                    | 129                                   | 80                      | 95                      | 67   | 77   | 131                        | 156                        |
| <b>ALCOHOL ONLY</b>                             | 287          | 307          | 170                                    | 196                                    | 95   | 88   | 142   | 171   | 247                                   | 237                                   | 100                     | 106                     | 83   | 76   | 286                        | 295                        |
| <b>NO SUBSTANCE USE DISORDER</b>                | 344          | 385          | 612                                    | 636                                    | 252  | 249  | 548   | 570   | 1,737                                 | 1,628                                 | 339                     | 318                     | 255  | 263  | 1,822                      | 1,758                      |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.49D Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Percentages, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0.00         | 0.00         | 0.00                                   | 0.00                                   | 0.00                                       | 0.00                                       | 0.00  | 0.00  | 0.00                                  | 0.00                                  | 0.00                    | 0.00                    | 0.00   | 0.00   | 0.00                       | 0.00                       |
| <b>ILLICIT DRUGS</b>                            | 0.09         | 0.11         | 0.38                                   | 0.42                                   | 1.02                                       | 1.16                                       | 0.38  | 0.39  | 0.07                                  | 0.09                                  | 0.69                    | 0.84                    | 0.96   | 1.08   | 0.08                       | 0.09                       |
| Marijuana                                       | 0.06         | 0.06         | 0.25                                   | 0.24                                   | 0.64                                       | 0.51                                       | 0.25  | 0.26  | 0.04                                  | 0.05                                  | 0.44                    | 0.48                    | 0.58   | 0.53   | 0.05                       | 0.06                       |
| Cocaine   | 0.04         | 0.04         | 0.19                                   | 0.16                                   | 0.51                                       | 0.53                                       | 0.19  | 0.11  | 0.02                                  | 0.03                                  | 0.28                    | 0.34                    | 0.42   | 0.47   | 0.04                       | 0.04                       |
| Heroin  | 0.03         | 0.04         | 0.13                                   | 0.10                                   | 0.38                                       | 0.30                                       | 0.13  | 0.10  | 0.02                                  | 0.04                                  | 0.24                    | 0.18                    | 0.30   | 0.24   | 0.03                       | 0.04                       |
| Hallucinogens                                   | 0.01         | 0.01         | 0.07                                   | 0.05                                   | 0.15                                       | 0.19                                       | 0.07  | 0.04  | 0.01                                  | 0.00                                  | 0.11                    | 0.14                    | 0.17   | 0.18   | 0.01                       | 0.01                       |
| Inhalants                                       | 0.01         | 0.01         | 0.05                                   | 0.05                                   | 0.02                                       | 0.15                                       | 0.06  | 0.05  | 0.00                                  | 0.01                                  | 0.06                    | 0.10                    | 0.10   | 0.09   | 0.01                       | 0.01                       |
| Methamphetamine                                 | 0.04         | 0.04         | 0.16                                   | 0.21                                   | 0.43                                       | 0.74                                       | 0.17  | 0.15  | 0.03                                  | 0.02                                  | 0.28                    | 0.54                    | 0.43   | 0.69   | 0.04                       | 0.03                       |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.06         | 0.07         | 0.25                                   | 0.29                                   | 0.76                                       | 0.84                                       | 0.23  | 0.27  | 0.04                                  | 0.05                                  | 0.50                    | 0.59                    | 0.72   | 0.72   | 0.05                       | 0.06                       |
| Pain Relievers                                  | 0.05         | 0.06         | 0.22                                   | 0.25                                   | 0.65                                       | 0.69                                       | 0.20  | 0.25  | 0.03                                  | 0.04                                  | 0.42                    | 0.50                    | 0.60   | 0.56   | 0.04                       | 0.05                       |
| Stimulants                                      | 0.02         | 0.02         | 0.11                                   | 0.11                                   | 0.33                                       | 0.36                                       | 0.11  | 0.10  | 0.01                                  | 0.01                                  | 0.23                    | 0.23                    | 0.34   | 0.36   | 0.02                       | 0.02                       |
| Tranquilizers or Sedatives                      | 0.03         | 0.03         | 0.13                                   | 0.16                                   | 0.44                                       | 0.43                                       | 0.12  | 0.16  | 0.01                                  | 0.01                                  | 0.29                    | 0.37                    | 0.45   | 0.41   | 0.02                       | 0.02                       |
| Tranquilizers                                   | 0.02         | 0.03         | 0.11                                   | 0.16                                   | 0.40                                       | 0.42                                       | 0.10  | 0.16  | 0.01                                  | 0.01                                  | 0.24                    | 0.36                    | 0.40   | 0.40   | 0.02                       | 0.02                       |
| Sedatives                                       | 0.02         | 0.01         | 0.10                                   | 0.04                                   | 0.31                                       | 0.16                                       | 0.08  | 0.03  | 0.01                                  | 0.01                                  | 0.25                    | 0.11                    | 0.34   | 0.16   | 0.01                       | 0.01                       |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 0.05         | 0.07         | 0.25                                   | 0.27                                   | 0.70                                       | 0.72                                       | 0.24  | 0.26  | 0.04                                  | 0.06                                  | 0.45                    | 0.52                    | 0.62   | 0.57   | 0.05                       | 0.06                       |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.08         | 0.09         | 0.32                                   | 0.36                                   | 0.91                                       | 1.11                                       | 0.32  | 0.30  | 0.06                                  | 0.07                                  | 0.59                    | 0.76                    | 0.85   | 0.99   | 0.07                       | 0.08                       |
| <b>ALCOHOL</b>                                  | 0.14         | 0.16         | 0.45                                   | 0.54                                   | 1.17                                       | 1.14                                       | 0.49  | 0.60  | 0.14                                  | 0.14                                  | 0.84                    | 0.90                    | 1.13   | 1.08   | 0.14                       | 0.15                       |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.05         | 0.06         | 0.22                                   | 0.26                                   | 0.66                                       | 0.77                                       | 0.21  | 0.24  | 0.03                                  | 0.04                                  | 0.40                    | 0.53                    | 0.60   | 0.75   | 0.04                       | 0.05                       |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.16         | 0.18         | 0.54                                   | 0.63                                   | 1.37                                       | 1.39                                       | 0.56  | 0.67  | 0.15                                  | 0.16                                  | 1.02                    | 1.06                    | 1.37   | 1.35   | 0.16                       | 0.17                       |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.07         | 0.09         | 0.30                                   | 0.34                                   | 0.80                                       | 0.95                                       | 0.31  | 0.31  | 0.06                                  | 0.07                                  | 0.60                    | 0.70                    | 0.79   | 0.86   | 0.07                       | 0.08                       |
| <b>ALCOHOL ONLY</b>                             | 0.13         | 0.14         | 0.41                                   | 0.48                                   | 1.01                                       | 0.95                                       | 0.46  | 0.55  | 0.14                                  | 0.13                                  | 0.74                    | 0.75                    | 0.96   | 0.85   | 0.14                       | 0.14                       |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.16         | 0.18         | 0.54                                   | 0.63                                   | 1.37                                       | 1.39                                       | 0.56  | 0.67  | 0.15                                  | 0.16                                  | 1.02                    | 1.06                    | 1.37   | 1.35   | 0.16                       | 0.17                       |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.



**Table 8.49P Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | da           |              | da                                     |  | da   |  | da  |   | da                                    |                                       | da                      |                         | da   |  | da                         |                            |
| <b>ILLICIT DRUGS</b>                            | 0.1208       |              | 0.3205                                 |  | 0.0824                                     |  | 0.9437  |   | 0.2270                                |                                       | 0.0834                  |                         | 0.2178   |  | 0.3614                     |                            |
| Marijuana                                       | 0.2854       |              | 0.8855                                 |  | 0.6152                                     |  | 0.6084  |   | 0.1831                                |                                       | 0.3349                  |                         | 0.9111   |  | 0.5716                     |                            |
| Cocaine   | 0.6913       |              | 0.5840                                 |  | 0.4141                                     |  | 0.1171  |   | 0.2213                                |                                       | 0.4219                  |                         | 0.6549   |  | 0.8819                     |                            |
| Heroin  | 0.5256       |              | 0.1839                                 |  | 0.4626                                     |  | 0.2703  |   | 0.8566                                |                                       | 0.2731                  |                         | 0.5714   |  | 0.8143                     |                            |
| Hallucinogens                                   | 0.3663       |              | 0.7984                                 |  | 0.2904                                     |  | 0.2215  |   | 0.1656                                |                                       | 0.2777                  |                         | 0.4866   |  | 0.0338                     |                            |
| Inhalants                                       | 0.6486       |              | 0.8588                                 |  | 0.1443                                     |  | 0.5402  |   | 0.5503                                |                                       | 0.7674                  |                         | 0.7020   |  | 0.7243                     |                            |
| Methamphetamine                                 | 0.2612       |              | 0.0786                                 |  | 0.0052                                     |  | 0.6201  |   | 0.6002                                |                                       | 0.0191                  |                         | 0.0916   |  | 0.7358                     |                            |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.5592       |              | 0.3551                                 |  | 0.4604                                     |  | 0.5352  |   | 0.6773                                |                                       | 0.7015                  |                         | 0.8059   |  | 0.6207                     |                            |
| Pain Relievers                                  | 0.5987       |              | 0.5853                                 |  | 0.9427                                     |  | 0.4919  |   | 0.9233                                |                                       | 0.9254                  |                         | 0.6820   |  | 0.3718                     |                            |
| Stimulants                                      | 0.9646       |              | 0.5986                                 |  | 0.3866                                     |  | 0.9239  |   | 0.1852                                |                                       | 0.3775                  |                         | 0.5422   |  | 0.3017                     |                            |
| Tranquilizers or Sedatives                      | 0.9743       |              | 0.5837                                 |  | 0.7744                                     |  | 0.6249  |   | 0.2224                                |                                       | 0.8224                  |                         | 0.8488   |  | 0.7217                     |                            |
| Tranquilizers                                   | 0.9376       |              | 0.3507                                 |  | 0.5401                                     |  | 0.4782  |   | 0.0142                                |                                       | 0.4893                  |                         | 0.9335   |  | 0.4957                     |                            |
| Sedatives                                       | 0.1261       |              | 0.0341                                 |  | 0.2656                                     |  | 0.0515  |   | 0.6871                                |                                       | 0.0581                  |                         | 0.1673   |  | 0.6632                     |                            |
| Benzodiazepines                                 | --           |              | --                                     |  | --   |  | --  |   | --                                    |                                       | --                      |                         | --   |  | --                         |                            |
| Opioids   | 0.8701       |              | 0.9110                                 |  | 0.9297                                     |  | 0.8054  |   | 0.9809                                |                                       | 0.6716                  |                         | 0.5792   |  | 0.6019                     |                            |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.4087       |              | 0.3443                                 |  | 0.0490                                     |  | 0.6482  |   | 0.9322                                |                                       | 0.1069                  |                         | 0.2113   |  | 0.8771                     |                            |
| <b>ALCOHOL</b>                                  | 0.5445       |              | 0.1670                                 |  | 0.7310                                     |  | 0.0576  |   | 0.6521                                |                                       | 0.4991                  |                         | 0.4498   |  | 0.7341                     |                            |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.0764       |              | 0.2122                                 |  | 0.4034                                     |  | 0.3423  |   | 0.2124                                |                                       | 0.1032                  |                         | 0.4163   |  | 0.2563                     |                            |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.3841       |              | 0.1789                                 |  | 0.5352                                     |  | 0.1938  |   | 0.9143                                |                                       | 0.2710                  |                         | 0.9228   |  | 0.6468                     |                            |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.4500       |              | 0.7642                                 |  | 0.1430                                     |  | 0.4504  |   | 0.4832                                |                                       | 0.3729                  |                         | 0.3897   |  | 0.7091                     |                            |
| <b>ALCOHOL ONLY</b>                             | 0.9712       |              | 0.3648                                 |  | 0.3044                                     |  | 0.0981  |   | 0.4064                                |                                       | 0.8408                  |                         | 0.1298   |  | 0.9793                     |                            |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.3841       |              | 0.1789                                 |  | 0.5352                                     |  | 0.1938  |   | 0.9143                                |                                       | 0.2710                  |                         | 0.9228   |  | 0.6468                     |                            |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.50C Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 to 49, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Numbers in Thousands, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0            | 0            | 420                                    | 444                                    | 193  | 198  | 363   | 369   | 955                                   | 925                                   | 236                     | 243                     | 186  | 200  | 1,040                      | 1,047                      |
| <b>ILLICIT DRUGS</b>                            | 138          | 165          | 107                                    | 138                                    | 70   | 85   | 83  | 101   | 89                                    | 98                                    | 67                      | 90                      | 59   | 81   | 122                        | 132                        |
| Marijuana                                       | 87           | 104          | 70                                     | 81                                     | 40   | 44   | 57  | 66  | 55                                    | 72                                    | 40                      | 53                      | 37   | 44   | 78                         | 88                         |
| Cocaine   | 61           | 73           | 51                                     | 56                                     | 40   | 41   | 31  | 32  | 32                                    | 42                                    | 33                      | 42                      | 31   | 38   | 46                         | 54                         |
| Heroin  | 47           | 38           | 36                                     | 35                                     | 23   | 24   | 29  | 25  | 28                                    | 17                                    | 24                      | 22                      | 18   | 19   | 39                         | 31                         |
| Hallucinogens                                   | 27           | 22           | 20                                     | 21                                     | 13   | 17   | 16  | 12  | 18                                    | 8                                     | 14                      | 18                      | 14   | 15   | 23                         | 12                         |
| Inhalants                                       | 9            | 21           | 9                                      | 17                                     | 2  | 8  | 9   | 15  | *                                     | 12                                    | 8                       | 8                       | 8  | 8  | 4                          | 20                         |
| Methamphetamine                                 | 58           | 74           | 45                                     | 60                                     | 29   | 47   | 37  | 36  | 38                                    | 38                                    | 31                      | 44                      | 30   | 39   | 49                         | 56                         |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 84           | 89           | 71                                     | 78                                     | 46   | 52   | 52  | 56  | 47                                    | 45                                    | 49                      | 48                      | 41   | 47   | 66                         | 72                         |
| Pain Relievers                                  | 68           | 78           | 58                                     | 64                                     | 38   | 37   | 41  | 51  | 35                                    | 44                                    | 40                      | 35                      | 34   | 34   | 52                         | 68                         |
| Stimulants                                      | 42           | 40           | 35                                     | 37                                     | 25   | 29   | 25  | 23  | 23                                    | 15                                    | 26                      | 29                      | 23   | 29   | 33                         | 26                         |
| Tranquilizers or Sedatives                      | 42           | 38           | 37                                     | 36                                     | 22   | 27   | 28  | 23  | 21                                    | 11                                    | 25                      | 24                      | 22   | 23   | 30                         | 28                         |
| Tranquilizers                                   | 37           | 35           | 32                                     | 33                                     | 20   | 25   | 22  | 22  | 20                                    | 11                                    | 21                      | 22                      | 20   | 20   | 29                         | 27                         |
| Sedatives                                       | 21           | 16           | 19                                     | 16                                     | 12   | 14   | 16  | 8   | 8                                     | *                                     | 17                      | 14                      | 14   | 14   | 12                         | 9                          |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 78           | 84           | 64                                     | 69                                     | 42   | 41   | 47  | 53  | 44                                    | 46                                    | 44                      | 38                      | 36   | 34   | 62                         | 72                         |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 117          | 132          | 90                                     | 110                                    | 63   | 76   | 66  | 73  | 72                                    | 73                                    | 61                      | 73                      | 53   | 67   | 98                         | 106                        |
| <b>ALCOHOL</b>                                  | 206          | 223          | 140                                    | 158                                    | 88   | 82   | 110   | 134   | 166                                   | 162                                   | 88                      | 94                      | 75   | 74   | 199                        | 210                        |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 79           | 97           | 65                                     | 80                                     | 48   | 55   | 45  | 61  | 48                                    | 53                                    | 41                      | 58                      | 38   | 51   | 66                         | 79                         |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 238          | 264          | 167                                    | 200                                    | 102  | 107  | 131   | 159   | 187                                   | 186                                   | 103                     | 123                     | 88   | 104  | 232                        | 240                        |
| <b>ILLICIT DRUGS ONLY</b>                       | 111          | 129          | 83                                     | 106                                    | 51   | 66   | 69  | 77  | 72                                    | 81                                    | 54                      | 71                      | 47   | 64   | 98                         | 105                        |
| <b>ALCOHOL ONLY</b>                             | 191          | 203          | 123                                    | 137                                    | 70   | 64   | 102   | 120   | 154                                   | 153                                   | 74                      | 73                      | 61   | 54   | 184                        | 195                        |
| <b>NO SUBSTANCE USE DISORDER</b>                | 238          | 264          | 367                                    | 387                                    | 156  | 162  | 326   | 328   | 914                                   | 898                                   | 203                     | 205                     | 159  | 165  | 981                        | 998                        |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.50D Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 to 49, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Percentages, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0.00         | 0.00         | 0.00                                   | 0.00                                   | 0.00                                       | 0.00                                       | 0.00  | 0.00  | 0.00                                  | 0.00                                  | 0.00                    | 0.00                    | 0.00   | 0.00   | 0.00                       | 0.00                       |
| <b>ILLICIT DRUGS</b>                            | 0.14         | 0.16         | 0.45                                   | 0.56                                   | 1.11                                       | 1.26                                       | 0.47  | 0.57  | 0.11                                  | 0.12                                  | 0.82                    | 1.00                    | 1.11   | 1.34   | 0.13                       | 0.14                       |
| Marijuana                                       | 0.09         | 0.10         | 0.31                                   | 0.35                                   | 0.70                                       | 0.73                                       | 0.33  | 0.39  | 0.07                                  | 0.09                                  | 0.51                    | 0.63                    | 0.73   | 0.80   | 0.08                       | 0.10                       |
| Cocaine   | 0.06         | 0.07         | 0.23                                   | 0.24                                   | 0.70                                       | 0.67                                       | 0.19  | 0.19  | 0.04                                  | 0.05                                  | 0.43                    | 0.51                    | 0.60   | 0.69   | 0.05                       | 0.06                       |
| Heroin  | 0.05         | 0.04         | 0.16                                   | 0.15                                   | 0.41                                       | 0.40                                       | 0.17  | 0.15  | 0.04                                  | 0.02                                  | 0.31                    | 0.28                    | 0.36   | 0.35   | 0.04                       | 0.03                       |
| Hallucinogens                                   | 0.03         | 0.02         | 0.09                                   | 0.09                                   | 0.23                                       | 0.28                                       | 0.10  | 0.07  | 0.02                                  | 0.01                                  | 0.19                    | 0.22                    | 0.28   | 0.29   | 0.02                       | 0.01                       |
| Inhalants                                       | 0.01         | 0.02         | 0.04                                   | 0.08                                   | 0.03                                       | 0.14                                       | 0.05  | 0.09  | *                                     | 0.02                                  | 0.10                    | 0.09                    | 0.16   | 0.14   | 0.00                       | 0.02                       |
| Methamphetamine                                 | 0.06         | 0.07         | 0.20                                   | 0.26                                   | 0.51                                       | 0.78                                       | 0.22  | 0.21  | 0.05                                  | 0.05                                  | 0.41                    | 0.54                    | 0.60   | 0.73   | 0.05                       | 0.06                       |
| Misuse of Psychotherapeutics                    | 0.08         | 0.09         | 0.31                                   | 0.33                                   | 0.78                                       | 0.85                                       | 0.30  | 0.33  | 0.06                                  | 0.06                                  | 0.62                    | 0.58                    | 0.80   | 0.84   | 0.07                       | 0.08                       |
| Pain Relievers                                  | 0.07         | 0.08         | 0.26                                   | 0.28                                   | 0.65                                       | 0.61                                       | 0.24  | 0.30  | 0.04                                  | 0.06                                  | 0.51                    | 0.43                    | 0.67   | 0.62   | 0.06                       | 0.07                       |
| Stimulants                                      | 0.04         | 0.04         | 0.16                                   | 0.16                                   | 0.44                                       | 0.49                                       | 0.15  | 0.13  | 0.03                                  | 0.02                                  | 0.34                    | 0.35                    | 0.46   | 0.53   | 0.04                       | 0.03                       |
| Tranquilizers or Sedatives                      | 0.04         | 0.04         | 0.17                                   | 0.16                                   | 0.40                                       | 0.44                                       | 0.17  | 0.14  | 0.03                                  | 0.01                                  | 0.33                    | 0.30                    | 0.44   | 0.42   | 0.03                       | 0.03                       |
| Tranquilizers                                   | 0.04         | 0.03         | 0.14                                   | 0.14                                   | 0.36                                       | 0.41                                       | 0.13  | 0.13  | 0.02                                  | 0.01                                  | 0.27                    | 0.28                    | 0.40   | 0.38   | 0.03                       | 0.03                       |
| Sedatives                                       | 0.02         | 0.02         | 0.09                                   | 0.07                                   | 0.21                                       | 0.24                                       | 0.09  | 0.05  | 0.01                                  | *                                     | 0.23                    | 0.17                    | 0.27   | 0.26   | 0.01                       | 0.01                       |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 0.08         | 0.08         | 0.29                                   | 0.30                                   | 0.72                                       | 0.68                                       | 0.28  | 0.31  | 0.06                                  | 0.06                                  | 0.56                    | 0.47                    | 0.71   | 0.64   | 0.07                       | 0.08                       |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.12         | 0.13         | 0.39                                   | 0.45                                   | 1.02                                       | 1.15                                       | 0.39  | 0.42  | 0.09                                  | 0.09                                  | 0.76                    | 0.82                    | 0.99   | 1.13   | 0.11                       | 0.11                       |
| <b>ALCOHOL</b>                                  | 0.21         | 0.22         | 0.57                                   | 0.63                                   | 1.38                                       | 1.22                                       | 0.61  | 0.73  | 0.20                                  | 0.20                                  | 1.04                    | 1.06                    | 1.32   | 1.23   | 0.20                       | 0.22                       |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.08         | 0.10         | 0.28                                   | 0.34                                   | 0.82                                       | 0.87                                       | 0.27  | 0.36  | 0.06                                  | 0.07                                  | 0.52                    | 0.70                    | 0.74   | 0.92   | 0.07                       | 0.09                       |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.24         | 0.26         | 0.65                                   | 0.77                                   | 1.47                                       | 1.48                                       | 0.70  | 0.84  | 0.23                                  | 0.23                                  | 1.16                    | 1.30                    | 1.49   | 1.62   | 0.24                       | 0.25                       |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.11         | 0.13         | 0.36                                   | 0.45                                   | 0.86                                       | 1.06                                       | 0.40  | 0.44  | 0.09                                  | 0.10                                  | 0.68                    | 0.84                    | 0.91   | 1.13   | 0.11                       | 0.11                       |
| <b>ALCOHOL ONLY</b>                             | 0.19         | 0.20         | 0.51                                   | 0.57                                   | 1.14                                       | 1.03                                       | 0.58  | 0.67  | 0.19                                  | 0.19                                  | 0.89                    | 0.86                    | 1.12   | 0.96   | 0.19                       | 0.20                       |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.24         | 0.26         | 0.65                                   | 0.77                                   | 1.47                                       | 1.48                                       | 0.70  | 0.84  | 0.23                                  | 0.23                                  | 1.16                    | 1.30                    | 1.49   | 1.62   | 0.24                       | 0.25                       |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.50P Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 26 to 49, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | da           |              | da                                     |  | da   |  | da  |   | da                                    |                                       | da                      |                         | da   |  | da                         |                            |
| <b>ILLICIT DRUGS</b>                            | 0.0503       |              | 0.0393                                 |  | 0.1117                                     |  | 0.1902  |   | 0.6454                                |                                       | 0.0315                  |                         | 0.0970   |  | 0.3177                     |                            |
| Marijuana                                       | 0.0531       |              | 0.1192                                 |  | 0.3008                                     |  | 0.2507  |   | 0.3062                                |                                       | 0.0286                  |                         | 0.3493   |  | 0.3837                     |                            |
| Cocaine   | 0.3463       |              | 0.7338                                 |  | 0.6558                                     |  | 0.9284  |   | 0.2526                                |                                       | 0.6121                  |                         | 0.7744   |  | 0.3790                     |                            |
| Heroin  | 0.1295       |              | 0.4831                                 |  | 0.9770                                     |  | 0.3402  |   | 0.0582                                |                                       | 0.5455                  |                         | 0.8739   |  | 0.1785                     |                            |
| Hallucinogens                                   | 0.5742       |              | 0.8280                                 |  | 0.3718                                     |  | 0.5072  |   | 0.1668                                |                                       | 0.3432                  |                         | 0.5530   |  | 0.0723                     |                            |
| Inhalants                                       | 0.2462       |              | 0.6159                                 |  | 0.2865                                     |  | 0.9529  |   | *                                     |                                       | 0.6011                  |                         | 0.6999   |  | 0.1112                     |                            |
| Methamphetamine                                 | 0.0309       |              | 0.0398                                 |  | 0.0040                                     |  | 0.9809  |   | 0.4729                                |                                       | 0.0892                  |                         | 0.1701   |  | 0.1049                     |                            |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.6474       |              | 0.2328                                 |  | 0.4724                                     |  | 0.3801  |   | 0.2054                                |                                       | 0.8190                  |                         | 0.5514   |  | 0.7803                     |                            |
| Pain Relievers                                  | 0.7361       |              | 0.6479                                 |  | 0.6512                                     |  | 0.3767  |   | 0.8197                                |                                       | 0.3822                  |                         | 0.6385   |  | 0.3015                     |                            |
| Stimulants                                      | 0.8365       |              | 0.4156                                 |  | 0.5125                                     |  | 0.6891  |   | 0.2408                                |                                       | 0.4703                  |                         | 0.6134   |  | 0.4797                     |                            |
| Tranquilizers or Sedatives                      | 0.7407       |              | 0.6552                                 |  | 0.3683                                     |  | 0.7504  |   | 0.0593                                |                                       | 0.9176                  |                         | 0.8145   |  | 0.4989                     |                            |
| Tranquilizers                                   | 0.9371       |              | 0.4813                                 |  | 0.2850                                     |  | 0.8728  |   | 0.0860                                |                                       | 0.5854                  |                         | 0.7832   |  | 0.4962                     |                            |
| Sedatives                                       | 0.3251       |              | 0.4976                                 |  | 0.9095                                     |  | 0.2578  |   | *                                     |                                       | 0.4129                  |                         | 0.7740   |  | 0.5860                     |                            |
| Benzodiazepines                                 | --           |              | --                                     |  | --   |  | --  |   | --                                    |                                       | --                      |                         | --   |  | --                         |                            |
| Opioids   | 0.6633       |              | 0.9201                                 |  | 0.5706                                     |  | 0.6105  |   | 0.2818                                |                                       | 0.2527                  |                         | 0.4920   |  | 0.8534                     |                            |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.3127       |              | 0.1279                                 |  | 0.1927                                     |  | 0.4420  |   | 0.6402                                |                                       | 0.2206                  |                         | 0.1946   |  | 0.6570                     |                            |
| <b>ALCOHOL</b>                                  | 0.1814       |              | 0.0364                                 |  | 0.4929                                     |  | 0.0034  |   | 0.9175                                |                                       | 0.8891                  |                         | 0.2224   |  | 0.1817                     |                            |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.0626       |              | 0.0560                                 |  | 0.6565                                     |  | 0.0409  |   | 0.6434                                |                                       | 0.1063                  |                         | 0.4192   |  | 0.2127                     |                            |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.0977       |              | 0.0164                                 |  | 0.6927                                     |  | 0.0090  |   | 0.9889                                |                                       | 0.3570                  |                         | 0.9113   |  | 0.1866                     |                            |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.2708       |              | 0.2757                                 |  | 0.1139                                     |  | 0.9239  |   | 0.7966                                |                                       | 0.1812                  |                         | 0.1702   |  | 0.7155                     |                            |
| <b>ALCOHOL ONLY</b>                             | 0.5162       |              | 0.2070                                 |  | 0.2452                                     |  | 0.0305  |   | 0.7934                                |                                       | 0.3505                  |                         | 0.0352   |  | 0.3417                     |                            |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.0977       |              | 0.0164                                 |  | 0.6927                                     |  | 0.0090  |   | 0.9889                                |                                       | 0.3570                  |                         | 0.9113   |  | 0.1866                     |                            |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.51C Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 50 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Numbers in Thousands, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0            | 0            | 501                                    | 531                                    | 213  | 214  | 448   | 486   | 1,517                                 | 1,450                                 | 273                     | 282                     | 208  | 226  | 1,568                      | 1,546                      |
| <b>ILLICIT DRUGS</b>                            | 119          | 165          | 97                                     | 103                                    | 62   | 75   | 76  | 70  | 74                                    | 116                                   | 64                      | 80                      | 56   | 65   | 101                        | 134                        |
| Marijuana                                       | 75           | 77           | 61                                     | 50                                     | 41   | 3  | 45  | 50  | 43                                    | 58                                    | 42                      | 34                      | 30   | 12   | 62                         | 68                         |
| Cocaine   | 55           | 50           | 49                                     | 28                                     | 20   | 25   | 44  | 13  | 27                                    | 41                                    | 15                      | 16                      | 15   | 15   | 53                         | 47                         |
| Heroin  | 38           | 75           | 35                                     | 17                                     | 24   | 9  | 27  | 14  | 14                                    | 73                                    | 21                      | 9                       | 17   | 9  | 32                         | 74                         |
| Hallucinogens                                   | 15           | *            | 15                                     | 2                                      | *  | 2  | 15  | *   | *                                     | *                                     | *                       | 2                       | *  | 2  | 15                         | *                          |
| Inhalants                                       | 17           | 10           | 15                                     | 10                                     | *  | *  | 15  | *   | 8                                     | *                                     | *                       | 10                      | *  | *  | 17                         | *                          |
| Methamphetamine                                 | 58           | 64           | 37                                     | 58                                     | 23   | 47   | 28  | 34  | 45                                    | 21                                    | 18                      | 56                      | 18   | 46   | 55                         | 26                         |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 81           | 115          | 66                                     | 80                                     | 49   | 56   | 46  | 58  | 49                                    | 67                                    | 45                      | 62                      | 44   | 42   | 68                         | 84                         |
| Pain Relievers                                  | 76           | 108          | 60                                     | 74                                     | 41   | 49   | 43  | 55  | 48                                    | 63                                    | 38                      | 56                      | 35   | 34   | 66                         | 79                         |
| Stimulants                                      | 25           | 22           | 24                                     | 22                                     | *  | 12   | 19  | 18  | 7                                     | *                                     | 15                      | 12                      | *  | 12   | 20                         | 18                         |
| Tranquilizers or Sedatives                      | 38           | 56           | 34                                     | 50                                     | 32   | 28   | 21  | 42  | 15                                    | 23                                    | 27                      | 42                      | 29   | 28   | 26                         | 35                         |
| Tranquilizers                                   | 34           | 50           | 31                                     | 50                                     | 28   | 28   | 21  | 42  | 15                                    | *                                     | 23                      | 42                      | 25   | 27   | 25                         | 28                         |
| Sedatives                                       | 32           | 24           | 31                                     | 4                                      | 24   | 4  | 19  | *   | 9                                     | 23                                    | 27                      | 4                       | 24   | 4  | 18                         | 22                         |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 83           | 126          | 67                                     | 76                                     | 43   | 50   | 51  | 57  | 49                                    | 89                                    | 41                      | 57                      | 36   | 35   | 72                         | 102                        |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 106          | 149          | 85                                     | 97                                     | 53   | 75   | 68  | 61  | 69                                    | 102                                   | 52                      | 79                      | 49   | 64   | 93                         | 117                        |
| <b>ALCOHOL</b>                                  | 224          | 242          | 135                                    | 154                                    | 75   | 74   | 114   | 132   | 187                                   | 194                                   | 77                      | 85                      | 63   | 68   | 218                        | 233                        |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 61           | 85           | 55                                     | 59                                     | 35   | 46   | 43  | 37  | 29                                    | 59                                    | 31                      | 42                      | 31   | 42   | 54                         | 71                         |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 246          | 274          | 159                                    | 171                                    | 95   | 95   | 131   | 145   | 199                                   | 220                                   | 99                      | 104                     | 83   | 84   | 232                        | 258                        |
| <b>ILLICIT DRUGS ONLY</b>                       | 103          | 133          | 81                                     | 84                                     | 51   | 60   | 63  | 60  | 68                                    | 100                                   | 59                      | 68                      | 47   | 50   | 86                         | 112                        |
| <b>ALCOHOL ONLY</b>                             | 217          | 228          | 122                                    | 140                                    | 66   | 58   | 104   | 127   | 186                                   | 186                                   | 70                      | 74                      | 55   | 54   | 213                        | 220                        |
| <b>NO SUBSTANCE USE DISORDER</b>                | 246          | 274          | 462                                    | 500                                    | 182  | 188  | 421   | 465   | 1,481                                 | 1,415                                 | 255                     | 254                     | 190  | 204  | 1,522                      | 1,509                      |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.51D Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 50 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Standard Errors of Percentages, 2017 and 2018**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | 0.00         | 0.00         | 0.00                                   | 0.00                                   | 0.00                                       | 0.00                                       | 0.00  | 0.00  | 0.00                                  | 0.00                                  | 0.00                    | 0.00                    | 0.00   | 0.00   | 0.00                       | 0.00                       |
| <b>ILLICIT DRUGS</b>                            | 0.11         | 0.14         | 0.61                                   | 0.63                                   | 1.93                                       | 2.46                                       | 0.60  | 0.53  | 0.08                                  | 0.12                                  | 1.18                    | 1.50                    | 1.72   | 1.89   | 0.10                       | 0.12                       |
| Marijuana                                       | 0.07         | 0.07         | 0.39                                   | 0.31                                   | 1.33                                       | 0.10                                       | 0.36  | 0.38  | 0.04                                  | 0.06                                  | 0.79                    | 0.67                    | 0.96   | 0.37   | 0.06                       | 0.06                       |
| Cocaine   | 0.05         | 0.04         | 0.31                                   | 0.18                                   | 0.66                                       | 0.87                                       | 0.35  | 0.10  | 0.03                                  | 0.04                                  | 0.28                    | 0.32                    | 0.47   | 0.47   | 0.05                       | 0.04                       |
| Heroin  | 0.03         | 0.07         | 0.23                                   | 0.10                                   | 0.77                                       | 0.32                                       | 0.21  | 0.11  | 0.01                                  | 0.07                                  | 0.40                    | 0.18                    | 0.54   | 0.28   | 0.03                       | 0.07                       |
| Hallucinogens                                   | 0.01         | *            | 0.09                                   | 0.01                                   | *  | 0.08                                       | 0.12  | *   | *                                     | *                                     | *                       | 0.04                    | *  | 0.07   | 0.01                       | *                          |
| Inhalants                                       | 0.01         | 0.01         | 0.09                                   | 0.06                                   | *  | *  | 0.12  | *   | 0.01                                  | *                                     | *                       | 0.19                    | *  | *  | 0.02                       | *                          |
| Methamphetamine                                 | 0.05         | 0.06         | 0.23                                   | 0.36                                   | 0.75                                       | 1.62                                       | 0.23  | 0.26  | 0.05                                  | 0.02                                  | 0.34                    | 1.09                    | 0.57   | 1.38   | 0.05                       | 0.02                       |
| Misuse of Psychotherapeutics                    | 0.07         | 0.10         | 0.42                                   | 0.50                                   | 1.55                                       | 1.88                                       | 0.37  | 0.44  | 0.05                                  | 0.07                                  | 0.84                    | 1.18                    | 1.35   | 1.28   | 0.06                       | 0.08                       |
| Pain Relievers                                  | 0.07         | 0.09         | 0.38                                   | 0.46                                   | 1.33                                       | 1.69                                       | 0.35  | 0.42  | 0.05                                  | 0.06                                  | 0.72                    | 1.08                    | 1.10   | 1.03   | 0.06                       | 0.07                       |
| Stimulants                                      | 0.02         | 0.02         | 0.15                                   | 0.13                                   | *  | 0.41                                       | 0.15  | 0.14  | 0.01                                  | *                                     | 0.28                    | 0.23                    | *  | 0.36   | 0.02                       | 0.02                       |
| Tranquilizers or Sedatives                      | 0.03         | 0.05         | 0.22                                   | 0.32                                   | 1.02                                       | 0.96                                       | 0.17  | 0.32  | 0.02                                  | 0.02                                  | 0.51                    | 0.82                    | 0.92   | 0.84   | 0.02                       | 0.03                       |
| Tranquilizers                                   | 0.03         | 0.04         | 0.20                                   | 0.32                                   | 0.91                                       | 0.96                                       | 0.17  | 0.32  | 0.02                                  | *                                     | 0.43                    | 0.82                    | 0.80   | 0.84   | 0.02                       | 0.03                       |
| Sedatives                                       | 0.03         | 0.02         | 0.20                                   | 0.02                                   | 0.78                                       | 0.12                                       | 0.15  | *   | 0.01                                  | 0.02                                  | 0.51                    | 0.07                    | 0.77   | 0.11   | 0.02                       | 0.02                       |
| Benzodiazepines                                 | --           | --           | --                                     | --                                     | --   | --   | --  | --  | --                                    | --                                    | --                      | --                      | --   | --   | --                         | --                         |
| Opioids   | 0.07         | 0.11         | 0.43                                   | 0.47                                   | 1.39                                       | 1.71                                       | 0.41  | 0.43  | 0.05                                  | 0.09                                  | 0.77                    | 1.09                    | 1.13   | 1.07   | 0.07                       | 0.09                       |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.09         | 0.13         | 0.54                                   | 0.60                                   | 1.67                                       | 2.46                                       | 0.54  | 0.47  | 0.07                                  | 0.10                                  | 0.96                    | 1.48                    | 1.51   | 1.86   | 0.09                       | 0.11                       |
| <b>ALCOHOL</b>                                  | 0.20         | 0.21         | 0.81                                   | 0.92                                   | 2.21                                       | 2.41                                       | 0.87  | 0.97  | 0.19                                  | 0.19                                  | 1.41                    | 1.56                    | 1.92   | 1.98   | 0.20                       | 0.21                       |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.05         | 0.07         | 0.35                                   | 0.37                                   | 1.15                                       | 1.58                                       | 0.34  | 0.28  | 0.03                                  | 0.06                                  | 0.58                    | 0.80                    | 0.98   | 1.26   | 0.05                       | 0.07                       |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.22         | 0.24         | 0.94                                   | 1.01                                   | 2.68                                       | 2.94                                       | 0.98  | 1.06  | 0.20                                  | 0.22                                  | 1.76                    | 1.83                    | 2.46   | 2.35   | 0.21                       | 0.23                       |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.09         | 0.12         | 0.52                                   | 0.52                                   | 1.61                                       | 2.00                                       | 0.50  | 0.45  | 0.07                                  | 0.10                                  | 1.08                    | 1.30                    | 1.46   | 1.48   | 0.08                       | 0.10                       |
| <b>ALCOHOL ONLY</b>                             | 0.19         | 0.20         | 0.74                                   | 0.84                                   | 1.98                                       | 1.94                                       | 0.80  | 0.93  | 0.19                                  | 0.19                                  | 1.29                    | 1.38                    | 1.70   | 1.60   | 0.19                       | 0.20                       |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.22         | 0.24         | 0.94                                   | 1.01                                   | 2.68                                       | 2.94                                       | 0.98  | 1.06  | 0.20                                  | 0.22                                  | 1.76                    | 1.83                    | 2.46   | 2.35   | 0.21                       | 0.23                       |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.51P Substance Use Disorder Status and Substance Use Disorder for Specific Substances in Past Year among Persons Aged 50 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

| Substance Use Disorder Status                   | Total (2017) | Total (2018) | Any Mental Illness <sup>1</sup> (2017) | Any Mental Illness <sup>1</sup> (2018) | Serious Mental Illness <sup>1</sup> (2017) | Serious Mental Illness <sup>1</sup> (2018) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017) | Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018) | No Mental Illness <sup>1</sup> (2017) | No Mental Illness <sup>1</sup> (2018) | MDE <sup>2</sup> (2017) | MDE <sup>2</sup> (2018) | MDE with Severe Impairment <sup>2,3</sup> (2017) | MDE with Severe Impairment <sup>2,3</sup> (2018) | No MDE <sup>2</sup> (2017) | No MDE <sup>2</sup> (2018) |
|---|--------------|--------------|--|--|--|--|---|---|---------------------------------------|---------------------------------------|-------------------------|-------------------------|--|--|----------------------------|----------------------------|
| <b>TOTAL POPULATION</b>                         | da           |              | da                                     |  | da   |  | da  |   | da                                    |                                       | da                      |                         | da   |  | da                         |                            |
| <b>ILLICIT DRUGS</b>                            | 0.7477       |              | 0.3974                                 |  | 0.4820                                     |  | 0.1171  |   | 0.2144                                |                                       | 0.9040                  |                         | 0.9788   |  | 0.6810                     |                            |
| Marijuana                                       | 0.5329       |              | 0.0846                                 |  | 0.0116                                     |  | 0.6049  |   | 0.3581                                |                                       | 0.2476                  |                         | 0.1831   |  | 0.9321                     |                            |
| Cocaine   | 0.6155       |              | 0.1871                                 |  | 0.4671                                     |  | 0.0437  |   | 0.5301                                |                                       | 0.4904                  |                         | 0.6525   |  | 0.5421                     |                            |
| Heroin  | 0.7310       |              | 0.2069                                 |  | 0.1855                                     |  | 0.6048  |   | 0.2913                                |                                       | 0.2560                  |                         | 0.4571   |  | 0.5493                     |                            |
| Hallucinogens                                   | *            |              | 0.3399                                 |  | *  |  | *   |   | *                                     |                                       | *                       |                         | *  |  | *                          |                            |
| Inhalants                                       | 0.5108       |              | 0.7765                                 |  | *  |  | *   |   | *                                     |                                       | *                       |                         | *  |  | *                          |                            |
| Methamphetamine                                 | 0.5634       |              | 0.7912                                 |  | 0.3130                                     |  | 0.5117  |   | 0.1848                                |                                       | 0.1192                  |                         | 0.3212   |  | 0.0293                     |                            |
| Misuse of                                       |              |              |  |  |  |  |   |   |                                       |                                       |                         |                         |  |  |                            |                            |
| Psychotherapeutics                              | 0.6843       |              | 0.8904                                 |  | 0.7571                                     |  | 0.9402  |   | 0.6520                                |                                       | 0.7915                  |                         | 0.7930   |  | 0.6345                     |                            |
| Pain Relievers                                  | 0.6653       |              | 0.7374                                 |  | 0.6408                                     |  | 0.8707  |   | 0.7796                                |                                       | 0.5690                  |                         | 0.9031   |  | 0.7001                     |                            |
| Stimulants                                      | 0.6748       |              | 0.7759                                 |  | *  |  | 0.5305  |   | *                                     |                                       | 0.6830                  |                         | *  |  | 0.4415                     |                            |
| Tranquilizers or Sedatives                      | 0.7447       |              | 0.7423                                 |  | 0.7177                                     |  | 0.3837  |   | 0.9919                                |                                       | 0.8374                  |                         | 0.6623   |  | 0.8771                     |                            |
| Tranquilizers                                   | 0.8624       |              | 0.5307                                 |  | 0.9458                                     |  | 0.3396  |   | *                                     |                                       | 0.6333                  |                         | 0.9117   |  | 0.7942                     |                            |
| Sedatives                                       | 0.2377       |              | 0.0302                                 |  | 0.1284                                     |  | *   |   | 0.4145                                |                                       | 0.0705                  |                         | 0.1237   |  | 0.8378                     |                            |
| Benzodiazepines                                 | --           |              | --                                     |  | --   |  | --  |   | --                                    |                                       | --                      |                         | --   |  | --                         |                            |
| Opioids   | 0.5817       |              | 0.9444                                 |  | 0.7158                                     |  | 0.9263  |   | 0.4786                                |                                       | 0.6990                  |                         | 0.9147   |  | 0.5733                     |                            |
| Illicit Drugs Other Than Marijuana <sup>4</sup> | 0.8157       |              | 0.8340                                 |  | 0.1706                                     |  | 0.1636  |   | 0.6211                                |                                       | 0.3537                  |                         | 0.6678   |  | 0.8841                     |                            |
| <b>ALCOHOL</b>                                  | 0.6839       |              | 0.8974                                 |  | 0.9430                                     |  | 0.9122  |   | 0.6441                                |                                       | 0.4757                  |                         | 0.8855   |  | 0.5082                     |                            |
| <b>BOTH ILLICIT DRUGS AND ALCOHOL</b>           | 0.5672       |              | 0.7131                                 |  | 0.5350                                     |  | 0.3008  |   | 0.1827                                |                                       | 0.6576                  |                         | 0.7584   |  | 0.7049                     |                            |
| <b>ILLICIT DRUGS OR ALCOHOL</b>                 | 0.7377       |              | 0.6091                                 |  | 0.7591                                     |  | 0.5135  |   | 0.9036                                |                                       | 0.6177                  |                         | 0.9642   |  | 0.6204                     |                            |
| <b>ILLICIT DRUGS ONLY</b>                       | 0.9688       |              | 0.4482                                 |  | 0.7000                                     |  | 0.2331  |   | 0.4706                                |                                       | 0.9004                  |                         | 0.7868   |  | 0.8009                     |                            |
| <b>ALCOHOL ONLY</b>                             | 0.5348       |              | 0.9773                                 |  | 0.7252                                     |  | 0.7948  |   | 0.4187                                |                                       | 0.5758                  |                         | 0.9696   |  | 0.4165                     |                            |
| <b>NO SUBSTANCE USE DISORDER</b>                | 0.7377       |              | 0.6091                                 |  | 0.7591                                     |  | 0.5135  |   | 0.9036                                |                                       | 0.6177                  |                         | 0.9642   |  | 0.6204                     |                            |

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year MDE information were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

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