

**TABLE 14**  
**Trends in Lifetime Prevalence of Use of Various Drugs for Grades 8, 10, and 12 Combined**

(Entries are percentages.)

|  | 1991        | 1992  | 1993 | 1994        | 1995        | 1996        | 1997        | 1998       | 1999       | 2000       | 2001       | 2002       | 2003 | 2004        | 2005        |
|--|-------------|-------|------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------|-------------|-------------|
| Any Illicit Drug <sup>b</sup>                      | 30.4        | 29.8  | 32.1 | 35.7        | 38.9        | 42.2        | 43.3        | 42.3       | 41.9       | 41.0       | 40.9       | 39.5       | 37.5 | 36.4        | 35.7        |
| Any Illicit Drug other than Marijuana <sup>b</sup> | 19.7        | 19.7  | 21.2 | 22.0        | 23.6        | 24.2        | 24.0        | 23.1       | 22.7       | 22.1‡      | 23.2       | 21.1       | 19.8 | 19.3        | 18.6        |
| Any Illicit Drug including Inhalants <sup>b</sup>  | 36.8        | 36.3  | 38.8 | 41.9        | 44.9        | 47.4        | 48.2        | 47.4       | 46.9       | 46.2       | 45.5       | 43.7       | 41.9 | 41.3        | 41.0        |
| Marijuana/Hashish                                  | 22.7        | 21.1  | 23.4 | 27.8        | 31.6        | 35.6        | <b>37.8</b> | 36.5       | 36.4       | 35.3       | 35.3       | 34.0       | 32.4 | 31.4        | 30.8        |
| Inhalants  | 17.0        | 16.9  | 18.2 | 18.6        | <b>19.4</b> | 19.1        | 18.6        | 18.1       | 17.5       | 16.4       | 15.3       | 13.6       | 13.4 | 13.7        | 14.1        |
| Hallucinogens                                      | 6.1         | 6.3   | 7.0  | 7.7         | 8.9         | 10.0        | 10.2        | 9.5        | 9.0        | 8.5‡       | <b>9.2</b> | 7.6        | 6.9  | 6.3         | 5.9         |
| LSD  | 5.5         | 5.7   | 6.5  | 6.9         | 8.1         | 8.9         | <b>9.1</b>  | 8.3        | 7.9        | 7.2        | 6.5        | 5.0        | 3.7  | 3.0         | 2.6         |
| Hallucinogens other than LSD                       | 2.4         | 2.5   | 2.7  | 3.6         | 3.9         | 4.8         | 4.9         | 4.8        | 4.4        | 4.5‡       | <b>6.7</b> | 6.0        | 5.8  | 5.6         | 5.4         |
| Ecstasy (MDMA) <sup>c</sup> , original             | —           | —     | —    | —           | —           | 4.9         | 5.2         | 4.5        | 5.3        | 7.2        | <b>8.0</b> | 6.9        | 5.4  | 4.7         | 4.0         |
| Revised  | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | —           | —           |
| Cocaine  | 4.6         | 4.0   | 4.1  | 4.5         | 5.1         | 6.0         | 6.6         | 7.0        | <b>7.2</b> | 6.5        | 5.9        | 5.7        | 5.3  | 5.5         | 5.5         |
| Crack  | 2.0         | 1.9   | 2.0  | 2.5         | 2.8         | 3.2         | 3.4         | <b>3.8</b> | <b>3.8</b> | 3.5        | 3.2        | 3.2        | 2.9  | 2.9         | 2.8         |
| Other cocaine                                      | 4.1         | 3.5   | 3.6  | 3.9         | 4.2         | 5.2         | 5.9         | 6.1        | <b>6.3</b> | 5.6        | 5.1        | 4.8        | 4.5  | 4.7         | 4.7         |
| Heroin   | 1.1         | 1.3   | 1.3  | 1.6         | 1.9         | 2.1         | 2.1         | <b>2.2</b> | <b>2.2</b> | 2.1        | 1.7        | 1.7        | 1.5  | 1.5         | 1.5         |
| With a needle                                      | —           | —     | —    | —           | 1.1         | 1.2         | 1.1         | 1.1        | <b>1.3</b> | 1.0        | 0.9        | 0.9        | 0.9  | 0.9         | 0.9         |
| Without a needle                                   | —           | —     | —    | —           | 1.3         | 1.7         | 1.7         | 1.6        | 1.6        | <b>1.8</b> | 1.3        | 1.3        | 1.3  | 1.2         | 1.1         |
| Amphetamines <sup>b</sup>                          | 12.9        | 12.5  | 13.8 | 14.3        | 15.2        | 15.5        | 15.2        | 14.5       | 14.0       | 13.5       | 13.9       | 13.1       | 11.8 | 11.2        | 10.3        |
| Methamphetamine                                    | —           | —     | —    | —           | —           | —           | —           | —          | <b>6.5</b> | 6.2        | 5.8        | 5.3        | 5.0  | 4.5         | 3.9         |
| Tranquilizers                                      | 5.5         | 5.3   | 5.4  | 5.5         | 5.8         | 6.5         | 6.6         | 6.9        | 7.0        | 6.9‡       | <b>7.9</b> | <b>7.9</b> | 7.3  | 7.1         | 6.8         |
| Alcohol  | 80.1        | 79.2‡ | 68.4 | 68.4        | 68.2        | 68.4        | <b>68.8</b> | 67.4       | 66.4       | 66.6       | 65.5       | 62.7       | 61.7 | 60.5        | 58.6        |
| Been drunk   | <b>46.3</b> | 44.9  | 44.6 | 44.3        | 44.5        | 45.1        | 45.7        | 44.0       | 43.7       | 44.0       | 43.4       | 40.5       | 38.9 | 39.4        | 38.4        |
| Flavored alcoholic beverages                       | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | <b>54.7</b> | <b>54.7</b> |
| Cigarettes   | 53.5        | 53.0  | 54.0 | 54.6        | 55.8        | <b>57.8</b> | 57.4        | 56.0       | 54.5       | 51.8       | 49.1       | 44.2       | 40.8 | 39.6        | 37.4        |
| Smokeless tobacco                                  | —           | 26.2  | 25.6 | <b>26.3</b> | 26.0        | 25.7        | 22.7        | 21.1       | 19.4       | 17.9       | 16.6       | 15.2       | 14.1 | 13.6        | 13.8        |
| Any Vaping <sup>d</sup>                            | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | —           | —           |
| Vaping nicotine                                    | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | —           | —           |
| Vaping marijuana                                   | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | —           | —           |
| Vaping just flavoring                              | —           | —     | —    | —           | —           | —           | —           | —          | —          | —          | —          | —          | —    | —           | —           |
| Steroids   | 1.9         | 1.8   | 1.8  | 2.1         | 2.1         | 1.8         | 2.1         | 2.3        | 2.8        | 3.0        | <b>3.3</b> | <b>3.3</b> | 3.0  | 2.5         | 2.1         |

Table continued on next page.

**TABLE 14 (continued)**  
**Trends in Lifetime Prevalence of Use of Various Drugs for Grades 8, 10, and 12 Combined**

(Entries are percentages.)

|  | 2006 | 2007 | 2008        | 2009 | 2010 | 2011 | 2012 | 2013              | 2014        | 2015       | 2016              | 2017        | 2016–2017<br>change | Peak year–2017 change |   | Low year–2017 change |                        |
|--|------|------|-------------|------|------|------|------|-------------------|-------------|------------|-------------------|-------------|---------------------|-----------------------|---|----------------------|------------------------|
|  |      |      |             |      |      |      |      |                   |             |            |                   |             |                     | Absolute<br>change    | Proportional<br>change (%) <sup>a</sup> | Absolute<br>change   | Proportional<br>change |
| Any Illicit Drug <sup>b</sup>                      | 34.0 | 32.7 | 32.6        | 33.2 | 34.4 | 34.7 | 34.1 | 36.0 <sup>‡</sup> | <b>34.9</b> | 34.3       | <u>32.6</u>       | 33.4        | +0.8                | -1.5                  | -4.4                                    | +0.8                 | +2.3                   |
| Any Illicit Drug other than Marijuana <sup>b</sup> | 18.2 | 17.7 | 16.8        | 16.5 | 16.8 | 16.1 | 15.5 | 16.8 <sup>‡</sup> | <b>15.8</b> | 15.1       | 14.3              | <u>14.0</u> | -0.3                | -1.8 s                | -11.5                                   | —                    | —                      |
| Any Illicit Drug including Inhalants <sup>b</sup>  | 39.3 | 38.0 | 37.9        | 37.9 | 38.8 | 38.7 | 37.9 | 39.3 <sup>‡</sup> | <b>37.9</b> | 37.4       | <u>34.9</u>       | 36.5        | +1.6 s              | -1.5                  | -3.9                                    | +1.6 s               | +4.6                   |
| Marijuana/Hashish                                  | 28.9 | 27.9 | <u>27.9</u> | 29.0 | 30.4 | 31.0 | 30.7 | 32.0              | 30.5        | 30.0       | 28.6              | 29.3        | +0.7                | -8.5 sss              | -22.4                                   | +1.4                 | +5.1                   |
| Inhalants  | 13.7 | 13.5 | 13.1        | 12.5 | 12.1 | 10.6 | 10.0 | 8.9               | 8.8         | 7.5        | <u>6.5</u>        | 6.7         | +0.2                | -12.7 sss             | -65.7                                   | +0.2                 | +2.7                   |
| Hallucinogens                                      | 5.7  | 5.8  | 5.6         | 5.3  | 5.8  | 5.7  | 5.0  | 5.0               | 4.3         | 4.3        | 4.3               | <u>4.2</u>  | -0.1                | -5.0 sss              | -54.2                                   | —                    | —                      |
| LSD  | 2.5  | 2.6  | 2.7         | 2.5  | 2.8  | 2.7  | 2.5  | 2.6               | <u>2.4</u>  | 2.8        | 3.1               | 3.1         | 0.0                 | -6.0 sss              | -66.2                                   | +0.7 s               | +27.0                  |
| Hallucinogens other than LSD                       | 5.2  | 5.1  | 4.8         | 4.7  | 5.0  | 4.9  | 4.3  | 4.1               | 3.5         | 3.1        | 3.0               | <u>2.9</u>  | -0.1                | -3.7 sss              | -56.2                                   | —                    | —                      |
| Ecstasy (MDMA) <sup>c</sup> , original             | 4.3  | 4.5  | 4.1         | 4.6  | 5.5  | 5.5  | 4.6  | 4.7               | 3.5         | —          | —                 | —           | —                   | —                     | —                                       | —                    | —                      |
| Revised  | —    | —    | —           | —    | —    | —    | —    | —                 | <b>5.0</b>  | 4.0        | 3.1               | <u>3.0</u>  | -0.1                | -2.0 sss              | -40.3                                   | —                    | —                      |
| Cocaine  | 5.3  | 5.2  | 4.8         | 4.2  | 3.8  | 3.4  | 3.3  | 3.1               | 2.9         | 2.7        | <u>2.3</u>        | 2.5         | +0.1                | -4.7 sss              | -65.7                                   | +0.1                 | +5.5                   |
| Crack  | 2.6  | 2.5  | 2.2         | 2.0  | 1.9  | 1.6  | 1.5  | 1.5               | 1.3         | 1.3        | <u>1.0</u>        | 1.1         | +0.1                | -2.8 sss              | -71.7                                   | +0.1                 | +6.2                   |
| Other cocaine                                      | 4.7  | 4.6  | 4.1         | 3.7  | 3.4  | 3.1  | 2.9  | 2.7               | 2.5         | 2.3        | <u>2.1</u>        | 2.1         | 0.0                 | -4.2 sss              | -66.6                                   | 0.0                  | +0.8                   |
| Heroin   | 1.4  | 1.4  | 1.3         | 1.4  | 1.4  | 1.2  | 1.0  | 1.0               | 0.9         | 0.7        | 0.6               | <u>0.6</u>  | 0.0                 | -1.6 sss              | -73.4                                   | —                    | —                      |
| With a needle                                      | 0.9  | 0.8  | 0.8         | 0.8  | 0.9  | 0.8  | 0.6  | 0.7               | 0.7         | 0.5        | 0.4               | <u>0.4</u>  | 0.0                 | -0.9 sss              | -70.8                                   | —                    | —                      |
| Without a needle                                   | 1.0  | 1.0  | 0.9         | 0.9  | 1.0  | 0.9  | 0.7  | 0.7               | 0.6         | 0.5        | 0.4               | <u>0.4</u>  | 0.0                 | -1.4 sss              | -77.8                                   | —                    | —                      |
| Amphetamines <sup>b</sup>                          | 10.1 | 9.5  | 8.6         | 8.6  | 8.9  | 8.6  | 8.3  | 10.5 <sup>‡</sup> | <b>9.7</b>  | 9.1        | 8.1               | <u>7.7</u>  | -0.5                | -2.0 sss              | -20.9                                   | —                    | —                      |
| Methamphetamine                                    | 3.4  | 2.5  | 2.5         | 2.2  | 2.2  | 1.8  | 1.6  | 1.5               | 1.4         | 1.1        | <u>0.8</u>        | 0.9         | 0.0                 | -5.7 sss              | -86.6                                   | 0.0                  | +5.0                   |
| Tranquilizers                                      | 7.0  | 6.7  | 6.3         | 6.5  | 6.6  | 6.0  | 5.8  | 5.2               | 5.3         | <u>5.2</u> | 5.5               | 5.6         | +0.1                | -2.2 sss              | -28.5                                   | +0.4                 | -28.5                  |
| Alcohol  | 57.0 | 56.3 | 55.1        | 54.6 | 53.6 | 51.5 | 50.0 | 48.4              | 46.4        | 45.2       | 41.9              | <u>41.7</u> | -0.2                | -27.0 sss             | -39.3                                   | —                    | —                      |
| Been drunk   | 37.6 | 36.6 | 35.1        | 35.9 | 34.2 | 32.5 | 32.8 | 31.7              | 29.2        | 28.2       | 26.4              | <u>26.0</u> | -0.4                | -20.3 sss             | -43.9                                   | —                    | —                      |
| Flavored alcoholic beverages                       | 53.1 | 51.3 | 49.3        | 47.9 | 46.7 | 44.5 | 42.7 | 41.1              | 38.8        | 37.4       | 33.8              | <u>33.5</u> | -0.3                | -21.1 sss             | -38.7                                   | —                    | —                      |
| Cigarettes   | 35.0 | 33.3 | 31.3        | 31.2 | 30.9 | 28.7 | 27.0 | 25.6              | 22.9        | 21.1       | 18.2              | <u>17.0</u> | -1.2 s              | -40.8 sss             | -70.5                                   | —                    | —                      |
| Smokeless tobacco                                  | 13.3 | 12.9 | 12.3        | 13.5 | 14.5 | 13.8 | 13.5 | 12.8              | 12.1        | 11.3       | 10.3              | <u>8.7</u>  | -1.6 s              | -17.6 sss             | -66.9                                   | —                    | —                      |
| Any Vaping <sup>d</sup>                            | —    | —    | —           | —    | —    | —    | —    | —                 | —           | 29.9       | 26.6 <sup>‡</sup> | 28.2        | —                   | —                     | —                                       | —                    | —                      |
| Vaping nicotine                                    | —    | —    | —           | —    | —    | —    | —    | —                 | —           | —          | —                 | 18.9        | —                   | —                     | —                                       | —                    | —                      |
| Vaping marijuana                                   | —    | —    | —           | —    | —    | —    | —    | —                 | —           | —          | —                 | 8.5         | —                   | —                     | —                                       | —                    | —                      |
| Vaping just flavoring                              | —    | —    | —           | —    | —    | —    | —    | —                 | —           | —          | —                 | 24.9        | —                   | —                     | —                                       | —                    | —                      |
| Steroids   | 2.0  | 1.8  | 1.6         | 1.5  | 1.5  | 1.5  | 1.4  | 1.5               | 1.4         | 1.5        | 1.3               | <u>1.2</u>  | 0.0                 | -2.0 sss              | -62.0                                   | —                    | —                      |

Source. The Monitoring the Future study, the University of Michigan.

Notes. '—' indicates data not available. '‡' indicates a change in the question text. When a question change occurs, peak levels after that change are used to calculate the peak year to current year difference.

Values in bold equal peak levels since 1991. Values in italics equal peak level before wording change. Underlined values equal lowest level since recent peak level.

Level of significance of difference between classes: s = .05, ss = .01, sss = .001.

Any apparent inconsistency between the change estimate and the prevalence estimates for the two most recent years is due to rounding.

<sup>a</sup>The proportional change is the percent by which the most recent year deviates from the peak year [or the low year] for the drug in question. So, if a drug was at 20% prevalence in the peak year and declined to 10% prevalence in the most recent year, that would reflect a proportional decline of 50%.

<sup>b</sup>In 2013, for the questions on the use of amphetamines, the text was changed on two of the questionnaire forms for 8th and 10th graders and four of the questionnaire forms for 12th graders. This change also impacted the any illicit drug indices. Data presented here include only the changed forms beginning in 2013.

<sup>c</sup>In 2014, the text was changed on one of the questionnaire forms for 8th, 10th, and 12th graders to include "molly" in the description. The remaining forms were changed in 2015. Data for both versions of the question are presented here.

<sup>d</sup>In 2017, the surveys switched from asking about vaping in general to asking separately about vaping nicotine, marijuana, and just flavoring. Beginning in 2017, data presented for any vaping are based on these new questions.