TABLE 11
Trends in Harmfulness of Drugs as Perceived by 12th Graders

Percentage saying great risk a How much do you think people risk harming themselves (physically or in other ways), if they . . . 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 15.1 11.4 10.0 13.0 12.7 14.8 15.1 Try marijuana once or twice 9.5 8.1 11.5 14.7 18.4 19.0 23.1 Smoke marijuana occasionally 14.7 19.1 24.5 18 1 15.0 13.4 12.4 13.5 18.3 20.6 22.6 25.0 30.4 31.7 36.5 36.9 Smoke marijuana regularly 43.3 38.6 34.9 42.0 50.4 57.6 60.4 62.8 66.9 70.4 71.3 73.5 77.0 77.8 Try synthetic marijuana once or twice Take synthetic marijuana occasionally 49.4 45.7 43.2 42.7 41.6 43.9 45.5 44.9 44.7 45.4 43.5 42.0 44.9 45.7 46.0 44.7 Try LSD once or twice Take LSD regularly 81.4 80.8 79.1 81.1 82.4 83.0 83.5 83.5 83.2 83.8 82.9 82.6 83.8 84.2 84.3 84.5 Try PCP once or twice 55.6 58.8 56.6 55.2 Try ecstasy (MDMA, Molly) once or twice b Try salvia once or twice of Take salvia occasionally 42 6 Try cocaine once or twice 39.1 35.6 33.2 31.5 31.3 32.1 32.8 33.0 35.7 34.0 33.5 47.9 59 4 Take cocaine occasionally 542 66.8 71.8 73.9 73.1 91.1 Take cocaine regularly 72.3 68.2 68.2 69.5 69.2 71.2 73.0 74.3 78.8 79.0 82.2 88.5 89.2 Try crack once or twice 57.0 62.1 62.9 64.3 Take crack occasionally 70.4 73.2 75.3 80.4 Take crack regularly 84.6 84.8 85.6 91.6 45.3 51.7 53.9 Try cocaine powder once or twice 53.8 61.9 71.1 Take cocaine powder occasionally 56.8 65.8 Take cocaine powder regularly 81.4 82.9 83.9 90.2 Try heroin once or twice 60.1 58.9 55.8 52.9 50.4 52.1 52.9 51.1 50.8 49.8 47.3 45.8 53.6 53.8 55.4 Take heroin occasionally 75.6 75.6 71.9 71.4 70.9 70.9 72.2 69.8 71.8 70.7 69.8 68.2 74.6 73.8 75.5 76.6 Take heroin regularly 87.2 88.6 86.1 86.6 87.5 86.2 87.5 86.0 86.1 87.2 86.0 87.1 88.7 88.8 89.5 90.2 Try heroin once or twice without using a needle Take heroin occasionally without using a needle Try any narcotic other than heroin (codeine, Vicodin, OxyContin, Percocet, etc.) once or twice Take any narcotic other than heroin occasionally Take any narcotic other than heroin regularly Try amphetamines once or twice ' 35.4 33.4 30.8 29.9 29.7 29.7 26.4 25.3 24.7 25.4 25.2 25.1 32.2 Take amphetamines regularly <sup>d</sup> 66.6 67.3 71.2 67.3 67.1 64.8 67.1 67.2 69.4 69.8 71.2 69.0 69.9 69.1 66.1 64.7 Try Adderall once or twice e Try Adderall occasionally e Try crystal methamphetamine (ice) once or twice Try bath salts (synthetic stimulants) once or twice Take bath salts (synthetic stimulants) occasionally Try sedatives (barbiturates) once or twice 1 34.8 32.5 31.2 31.3 30.7 30.9 28.4 27.5 27.0 27.4 26.1 25.4 30.9 32.4 Take sedatives (barbiturates) regularly <sup>†</sup> 69.1 67.7 68.6 68.4 71.6 72.2 69.9 67.6 67.7 68.5 68.3 67.2 69.4 69.6 70.5 70.2 Try one or two drinks of an alcoholic beverage (beer, wine, liquor) 5.3 4.8 4.1 3.4 4.1 3.8 4.6 3.5 4.2 4.6 5.0 4.6 6.2 6.0 6.0 8.3 22.6 20.3 21.6 21.6 21.6 23.0 24.4 25.1 26.2 27.3 31.3 Take one or two drinks nearly every day 21.5 21.2 18.5 19.6 28.5 63.1 66.8 68.4 69.8 66.5 69.7 68.5 69.8 70.9 Take four or five drinks nearly every day 63.5 61.0 62.9 66.2 65.7 64.5 65.5 Have five or more drinks once or twice each weekend 37.0 34.7 34.5 34.9 35.9 36.3 36.0 38.6 41.7 43.0 39.1 41.9 42.6 47.1 Smoke one or more packs of cigarettes per day 51.3 56.4 58.4 59.0 63.0 63.7 63.3 60.5 61.2 63.8 66.5 66.0 68.6 68.0 67.2 68.2 Use electronic cigarettes (e-cigarettes) regularly g Vape an e-liquid with nicotine ocasionally 9 Vape an e-liquid with nicotine regularly <sup>g</sup> Smoke little cigars or cigarillos regularly Use smokeless tobacco regularly 25.8 30.0 33.2 32.9 34.2 Take steroids 63.8 69.9

Approximate weighted N = 2,804 2,918 3,052 3,770 3,250 3,234 3,604 3,557 3,305 3,262 3,250 3,020 3,315 3,276 2,796 2,553

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## TABLE 11 (cont.)

## Trends in **Harmfulness** of Drugs as Perceived by 12th Graders

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

Notes. Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. '‡' indicates that the question changed the following year. See relevant footnote for that drug. Any apparent inconsistency between the change estimate and the prevalence estimates for the two most recent years is due to rounding.

<sup>a</sup>Answer alternatives were: (1) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, and (5) Can't say, drug unfamiliar.

"In 2011 the question on perceived risk of using salvia once or twice appeared at the end of a form. In 2012 the question was moved to an earlier section of the same form. A question on perceived risk of using salvia occasionally was also added following the question on perceived risk of trying salvia once or twice. These changes likely explain the discontinuity in the 2012 results.

<sup>d</sup>In 2011 the list of examples was changed from uppers, pep pills, bennies, speed to uppers, speed, Adderall, Ritalin, etc. These changes likely explain the discontinuity in the 2011 results.

eIn 2014 "(without a doctor's orders)" added to the questions on perceived risk of using Adderall.

In 2004 the question text was changed from barbiturates to sedatives/barbiturates and the list of examples was changed from downers, goofballs, reds, yellows, etc. to just downers. These changes likely explain the discontinuity in the 2004 results.

<sup>9</sup>Based on two of six forms; N is two times the N indicated.

<sup>&</sup>lt;sup>b</sup> Beginning in 2014 data are based on the revised question which included "Molly." 2014 and 2015 data are not comparable to earlier years due to the revision of the question text.

## TABLE 11 (cont.) Trends in <u>Harmfulness</u> of Drugs as Perceived by <u>12th Graders</u>

Percentage saying great risk a How much do you think people risk harming themselves (physically or in other ways), if they . . . 1991 1997 1998 1999 2000 1992 1995 1996 2005 Try marijuana once or twice 27.1 24.5 21.9 19.5 16.3 15.6 14.9 16.7 15.7 13.7 15.3 16.1 16.1 15.9 16.1 40.6 30.1 25.6 25.9 24.7 24.4 23.9 23.4 23.5 23.2 26.6 25.8 Smoke marijuana occasionally 39.6 35.6 25.4 59.9 57.4 58.3 57.4 53.0 Smoke marijuana regularly 78.6 76.5 72.5 65.0 60.8 58.1 58.5 58.0 Try synthetic marijuana once or twice Take synthetic marijuana occasionally Try LSD once or twice 46.6 42.3 39.5 38.8 36.4 36.2 34.7 37.4 34.9 34.3 33.2 36.7 36.2 36.2 36.5 Take LSD regularly 79.4 79.1 78.1 77.8 76.6 76.5 76.1 75.9 74.1 69.9 50.8 51.5 46.6 Try PCP once or twice 51.7 54.8 49.1 51.0 48.8 46.8 44.8 45.0 46.2 48.3 45.2 47.1 Try ecstasy (MDMA, Molly) once or twice b 33.8 34.5 35.0 37.9 45.7 52.2 60.1 Try salvia once or twice Take salvia occasionally Try cocaine once or twice 52.1 51.1 50.7 50.5 59.4 57.6 57.2 53.7 54.2 53.6 54.6 51.2 Take cocaine occasionally 75.5 73.3 73.7 70.8 72.1 724 70.1 70.1 69.5 69.9 68.3 66.7 Take cocaine regularly 89.3 87.9 88.3 87.1 86.3 85.8 86.2 82.8 Try crack once or twice 60.6 62.4 57.6 58.4 54.6 56.0 54.0 52.2 48.2 48.4 49.4 50.8 47.3 47.8 48.4 73.8 67.3 Take crack occasionally 76.5 76.3 73.9 72.8 71.4 70.3 68.7 65.8 65.4 65.6 63.8 90.1 89.3 87.5 89.6 88.0 86.2 85.3 85.4 85.3 83.2 83.5 83.3 Take crack regularly 88.6 85.8 84.1 Try cocaine powder once or twice 57.1 53.2 55.4 52.0 53.2 51.4 48.5 46.1 47.0 69.8 64.2 63.2 60.8 Take cocaine powder occasionally 70.8 68.6 70.6 69.1 68.8 67.7 65.4 64 7 64 4 61.6 Take cocaine powder regularly 88.9 87.0 88.6 87.8 86.8 86.0 84.1 84.6 85.5 84.4 84.2 82.3 82.7 55.2 52.8 56.0 56.0 55.2 Try heroin once or twice 50.7 50.9 52.5 56.7 57.8 54.2 55.6 58.0 50.9 Take heroin occasionally 74.9 74.2 72.0 72.1 71.0 74.8 76.3 76.9 77.3 74.6 75.9 76.6 78.5 76.0 89.6 88.0 87.2 89.2 87.5 Take heroin regularly 89.2 88.3 89.5 88.9 89.1 89.9 88.3 88.5 89.3 86.8 Try heroin once or twice without using a needle 55.6 58.6 60.5 59.6 58.5 61.6 60.7 60.6 58.9 61.2 60.5 Take heroin occasionally without using a needle 71.2 71.0 74.3 73.4 73.6 747 74.4 74.7 73.0 76.1 73.3 Try any narcotic other than heroin (codeine, Vicodin, OxyContin, Percocet, etc.) once or twice Take any narcotic other than heroin occasionally Take any narcotic other than heroin regularly Try amphetamines once or twice 36.3 32.6 31.3 31.4 28.8 30.8 31.0 35.3 32 2 32.6 34 7 34 4 37.7 Take amphetamines regularly d 74 1 72.4 69.9 67.0 65.9 66.8 66.0 67.7 66.4 66.3 67.1 65.6 67.1 Try Adderall once or twice 5 Try Adderall occasionally e Try crystal methamphetamine (ice) once or twice 57.5 58.3 54.4 55.3 54.4 52.7 51.2 51.3 52.7 53.8 51.2 54.6 61.6 61 9 Try bath salts (synthetic stimulants) once or twice Take bath salts (synthetic stimulants) occasionally Try sedatives (barbiturates) once or twice <sup>1</sup> 32.2 29.2 29.9 26.3 29 1 26.9 29.0 26.1 25.0 25.7 27 9t Take sedatives (barbiturates) regularly f 52.3 70.5 70.2 66.1 63.3 61.6 60.4 56.8 56.3 54.1 50.3 49.3 49.6‡ 54.0 54.1 Try one or two drinks of an alcoholic beverage (beer, wine, liquor) 9.1 8.6 8.2 5.9 7.3 6.7 8.0 8.3 6.4 8.7 7.6 8.4 8.5 7.6 8.6 Take one or two drinks nearly every day 30.6 28.2 27.0 24.8 25.1 24.8 24.3 21.8 21.7 23.4 21.0 20.1 23.0 23.7 Take four or five drinks nearly every day 70.5 67.8 66.2 62.8 65.6 63.0 62.1 61.1 59.9 60.7 58.8 57.8 61.8 Have five or more drinks once or twice 48.6 49.0 48.3 46.5 45.2 49.5 43.0 42.8 43.1 42.7 43.6 42.2 43.5 each weekend 76.5 Smoke one or more packs of cigarettes per day 69.2 69.5 67.6 68.2 68.7 70.8 70.8 73.1 73.3 74.2 72.1 74.0 Use electronic cigarettes (e-cigarettes) regularly g Vape an e-liquid with nicotine ocasionally <sup>g</sup> Vape an e-liquid with nicotine regularly <sup>g</sup> Smoke little cigars or cigarillos regularly Use smokeless tobacco regularly 37.4 42.2 43.6 37.4 35.5 38.9 36.6 33.2 38.6 40.9 41.1 45.4 42.6 43.3 45.0 Take steroids 70.7 69.1 66.1 66.4 67.6 67.2 68.1 62.1 57.9 58.9

Approximate weighted N = 2,549 2,684 2,759 2,591 2,603 2,449 2,579 2,564 2,306 2,130 2,173 2,198 2,466 2,491 2,512

Table continued on next page.

## TABLE 11 (cont.) Trends in Harmfulness of Drugs as Perceived by 12th Graders

Percentage saving great risk a How much do you think people risk harming 2017 - 2018themselves (physically or in other ways), if they . . . 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016 2017 2018 2009 change Try marijuana once or twice 12.5 17.8 18.6 17.4 18.5 17.1 15.6 14.8 14.5 12.3 12.9 11.9 12.1 +0.2 Smoke marijuana occasionally 25.9 27.1 25.8 27.4 24.5 22.7 20.6 19.5 16.4 15.8 17.1 14.1 14.3 +0.1 Smoke marijuana regularly 57.9 54.8 51.7 52.4 46.8 45.7 44 1 39.5 36.1 31.9 31.1 29.0 26.7 -22 Try synthetic marijuana once or twice 23.5 25.9 32.5 33.0 35.6 33.0 30.4 -2.6 Take synthetic marijuana occasionally 32.7 36.2 39.4 40.9 43.9 40.0 37.1 -2.9 Try LSD once or twice 37.0 37.1 35.6 34.7 33.1 34.9 35.5 33.2 31.7 30.0 29.0 -1.0 36.1 33.9 Take LSD regularly 67.3 63.6 67.8 65.5 66.8 66.8 62.7 69.3 65.3 60.7 58.2 56.1 55.2 -0.9 Try PCP once or twice 47.0 48.0 47.4 49.7 52.4 53.9 51.6 53.9 53.8 54.4 55.1 53.6 51.7 -1.9 Try ecstasy (MDMA, Molly) once or twice b 59.3 58.1 57.0 53.3 50.6 49.0 49.4 47.5± 47.8 49.5 48.8 49.1 48.2 -0.9 Try salvia once or twice 39.8 36.7± 13.8 129 14 1 13.1 13.0 10.2 9.8 -0.5 23.1 21.3 20.0 17.6 16.3 13.8 12.0 Take salvia occasionally -19 51.6 53.7 52.7 49.5 47.9 Try cocaine once or twice 51.3 53.1 54.0 54.4 51.1 -16 52.5 50.3 52.8 Take cocaine occasionally 69.8 68.8 67.1 71.4 67.8 69.7 69.0 70.2 68.1 66.3 68.6 64.6 62.1 -2.5 Take cocaine regularly 84.6 83.3 80.7 84.4 81.7 83.8 82.6 83.3 80.6 79.1 78.3 74.9 75.2 +0.3 47.3 47.5 51.7 54.5 53.9 Try crack once or twice 47.8 48.4 50.2 52.0 55.6 53.6 51.6 51.3 -0.2 69.5 68.5 66.2 Take crack occasionally 64.8 63.6 65.2 64.7 64.3 66.2 66.5 67.8 65.3 64.4 -0.9 Take crack regularly 82.8 82.6 83.4 84.0 83.8 83.9 84.0 85.4 82.0 81.2 81.9 79.8 79.8 0.0 Try cocaine powder once or twice 45.8 45.1 45.1 46.5 48.2 48.0 48.1 49.9 49.9 49.0 49.3 45.1 44.9 -0.2 Take cocaine powder occasionally 61.9 59.9 61.6 62.6 62.6 64.2 62.6 65.4 64.8 62.8 62.9 60.1 59.8 -0.3 Take cocaine powder regularly 82 1 81.5 82.5 83.4 81.8 83.3 83.3 83.9 81.5 80.1 80.7 78.8 77.6 -12 Try heroin once or twice 59.1 58.4 55.5 59.3 58.3 59.1 59.4 61.7 62.8 64.5 63.0 64.0 61.8 -1.2 79.1 76.2 75.3 79.7 74.8 77.2 78.0 78.2 77.9 78.0 78.7 74.6 75.0 Take heroin occasionally +0.3 89.7 87.8 86.4 89.9 87.9 88.6 87.6 85.7 84.8 85.4 83.3 81.4 Take heroin regularly 85.5 -1.8 60.2 60.8 61.5 61.1 63.3 64.5 65.3 62.5 Try heroin once or twice without using a needle 62.6 63.8 66.1 64.6 63.1 -1.5 Take heroin occasionally without using a needle 76.2 73.9 73.2 74.8 76.2 74.7 76.1 76.4 73.6 71.1 74.6 72.7 69.6 -3.1 Try any narcotic other than heroin (codeine, Vicodin, OxyContin, Percocet, etc.) once or twice 40 4 39.9 43 1 42.7 44 1 43.6 42.0 43.2 +1.1 38.4 Take any narcotic other than heroin occasionally 54.8 59.0 55.7 54.3 53.8 57.3 58.5 55.5 56.7 +12 Take any narcotic other than heroin regularly 74.9 75.5 73.9 75.8 72.7 73.9 72.4 70.8 71.6 +0.8 Try amphetamines once or twice of 41.9 40.6‡ 34.8 36.3 34.1 34.0 31.9 -2.7 39.5 41.3 39.2 34.3 31.1 29.2 Take amphetamines regularly d 68.1 68.1 65.4 69.0 63.6‡ 58.7 60.0 59.5 55.1 54.3 51.3 50.0 51.1 +1.1 Try Adderall once or twice e 31.2 27.2 31.8 33.6 34.3 32.5 32.0 34.0 +2.0 33.3 Try Adderall occasionally 6 41.6 40.8 35.3 38.8 41.5 41.6 40.9 40.6 40.1 -0.5 Try crystal methamphetamine (ice) once or twice 59.1 60.2 62.2 63.4 64.9 66.5 67.8 72.2 70.2 70.0 70.0 69.3 -2.2 Try bath salts (synthetic stimulants) once or twice 33.2 59.5 59.2 57.5 54.9 51.3 50.7 -0.6 Take bath salts (synthetic stimulants) occasionally 69.9 68.8 67.4 45.0 64.2 61.5 60.7 -0.9 Try sedatives (barbiturates) once or twice f 27.8 27.8 29.4 29.6 28.9 27.4 28.0 27.9 25.9 29.6 28.0 26.9 26.3 -0.6 Take sedatives (barbiturates) regularly f 55.1 50.2 54.7 52.1 52.4 53.9 53.3 50.5 50.6 47.0 44.0 +1.1 56.8 Try one or two drinks of an alcoholic beverage (beer, wine, liquor) 9.3 10.5 10.0 9.4 10.8 9.4 8.7 9.9 8.6 10.3 9.5 9.3 10.2 +0.9 Take one or two drinks nearly every day 25.3 25.1 24.2 23.7 25.4 24.6 23.7 23.1 21.1 21.5 21.6 21.6 22.8 +1.2 Take four or five drinks nearly every day 61.8 60.8 62.4 61.1 62.3 63.6 62.4 61.2 59.1 59.1 +0.4 Have five or more drinks once or twice each weekend 47.6 48.8 45.8 45.4 46.9 47.6 45.8 46.3 48.0 46.3 48.4 45.7 44.7 -0.9 Smoke one or more packs of cigarettes per day 77.3 74.0 74.9 75.0 77.7 78.2 78.2 78.0 75.9 76.5 74.9 -1.1 77.6 Use electronic cigarettes (e-cigarettes) regularly 9 14.2 16.2 18.2 16.1 18.0 +2.0 Vape an e-liquid with nicotine ocasionally 9 16.4 15.8 -0.6 Vape an e-liquid with nicotine regularly g 27.0 27.7 +0.7 Smoke little cigars or cigarillos regularly 38.3 38.2 42.5 +44 s 39.7 39.5 44.3 40.7 38.1 Use smokeless tobacco regularly 45.9 44 0 429 40.8 41 2 42 6 416 38.5 38.4 40.2 +1.8 Take steroids 60.2 57.4 60.8 60.2 59.2 61.1 58.6 54.2 54.6 54.4 54.5 49.1 +1.0

Approximate weighted N = 2,407 2,450 2,389 2,290 2,440 2,408 2,331 2,098 2,067 2,174 1,988 1,919 1,976

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