



Trends in the Prevalence of Selected Risk Behaviors and Obesity for All Students National YRBS: 1991–2011

The national Youth Risk Behavior Survey (YRBS) monitors priority health risk behaviors that contribute to the leading causes of death, disability, and social problems among youth and adults in the United States. The national YRBS is conducted every two years during the spring semester and provides data representative of 9th through 12th grade students in public and private schools throughout the United States.

1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	Changes from 1991–2011 ¹	Change from 2009–2011 ²
Rarely or never wore a seat belt (when riding in a car driven by someone else)												
25.9 (20.8–31.7) ³	19.1 (16.6–21.9)	21.7 (18.4–25.4)	19.3 (16.0–23.0)	16.4 (13.7–19.4)	14.1 (12.5–15.9)	18.2 (14.3–22.9)	10.2 (8.5–12.1)	11.1 (8.9–13.8)	9.7 (8.2–11.4)	7.7 (6.5–9.1)	Decreased, 1991–2011	Decreased
Rode with a driver who had been drinking alcohol one or more times (in a car or other vehicle during the 30 days before the survey)												
39.9 (37.7–42.2)	35.3 (32.7–38.1)	38.8 (35.0–42.7)	36.6 (34.4–38.8)	33.1 (30.8–35.4)	30.7 (28.7–32.8)	30.2 (28.1–32.5)	28.5 (26.5–30.5)	29.1 (27.2–31.2)	28.3 (26.7–29.9)	24.1 (22.9–25.3)	Decreased, 1991–2011	Decreased
Carried a weapon on at least 1 day (for example, a gun, knife, or club during the 30 days before the survey)												
26.1 (23.7–28.5)	22.1 (19.8–24.6)	20.0 (18.8–21.4)	18.3 (16.5–20.2)	17.3 (15.4–19.3)	17.4 (15.5–19.5)	17.1 (15.4–19.0)	18.5 (16.9–20.2)	18.0 (16.3–19.8)	17.5 (16.1–19.0)	16.6 (15.4–18.0)	Decreased, 1991–1999 No change, 1999–2011	No change
Did not go to school because they felt unsafe at school or on their way to or from school on at least 1 day (during the 30 days before the survey)												
NA ⁴	4.4 (3.7–5.2)	4.5 (3.8–5.3)	4.0 (3.4–4.7)	5.2 (4.0–6.8)	6.6 (5.7–7.7)	5.4 (4.7–6.3)	6.0 (4.9–7.4)	5.5 (4.7–6.3)	5.0 (4.3–5.7)	5.9 (5.1–6.9)	No change, 1993–2011	No change
Attempted suicide one or more times (during the 12 months before the survey)												
7.3 (6.4–8.3)	8.6 (7.9–9.5)	8.7 (7.9–9.5)	7.7 (6.8–8.7)	8.3 (7.3–9.4)	8.8 (8.0–9.7)	8.5 (7.4–9.6)	8.4 (7.6–9.3)	6.9 (6.3–7.6)	6.3 (5.7–7.0)	7.8 (7.1–8.5)	No change, 1991–2001 Decreased, 2001–2011	Increased
Smoked cigarettes on a least 1 day (during the 30 days before the survey)												
27.5 (24.8–30.3)	30.5 (28.6–32.4)	34.8 (32.5–37.2)	36.4 (34.1–38.7)	34.8 (32.3–37.4)	28.5 (26.4–30.6)	21.9 (19.8–24.2)	23.0 (20.7–25.5)	20.0 (17.6–22.6)	19.5 (17.9–21.2)	18.1 (16.7–19.5)	Increased, 1991–1997 Decreased, 1997–2011	No change
Had at least one drink of alcohol on at least 1 day (during the 30 days before the survey)												
50.8 (47.9–53.7)	48.0 (45.9–50.2)	51.6 (49.2–54.1)	50.8 (47.9–53.6)	50.0 (47.4–52.7)	47.1 (44.8–49.3)	44.9 (42.5–47.4)	43.3 (40.5–46.1)	44.7 (42.4–47.0)	41.8 (40.2–43.4)	38.7 (37.2–40.3)	No change, 1991–1999 Decreased, 1999–2011	Decreased

1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	Changes from 1991–2011 ¹	Change from 2009–2011 ²
Used marijuana one or more times (during the 30 days before the survey)												
14.7 (12.6–17.0)	17.7 (15.3–20.3)	25.3 (23.5–27.3)	26.2 (24.0–28.5)	26.7 (24.2–29.4)	23.9 (22.3–25.5)	22.4 (20.2–24.6)	20.2 (18.6–22.0)	19.7 (17.8–21.8)	20.8 (19.4–22.3)	23.1 (21.5–24.7)	Increased, 1991–1999 Decreased, 1999–2011	Increased
Ever used methamphetamines one or more times (also called “speed”, “crystal”, “crank”, or “ice”, during their life)												
NA	NA	NA	NA	9.1 (7.9–10.5)	9.8 (8.3–11.5)	7.6 (6.7–8.7)	6.2 (5.3–7.2)	4.4 (3.7–5.3)	4.1 (3.6–4.6)	3.8 (3.4–4.3)	Decreased, 1999–2011	No change
Ever had sexual intercourse												
54.1 (50.5–57.8)	53.0 (50.2–55.8)	53.1 (48.4–57.7)	48.4 (45.2–51.6)	49.9 (46.1–53.7)	45.6 (43.2–48.1)	46.7 (44.0–49.4)	46.8 (43.4–50.2)	47.8 (45.1–50.6)	46.0 (42.9–49.2)	47.4 (45.0–49.9)	Decreased, 1991–2001 No change, 2001–2011	No change
Had sexual intercourse with four or more persons (during their life)												
18.7 (16.6–21.0)	18.7 (16.8–20.9)	17.8 (15.2–20.7)	16.0 (14.6–17.5)	16.2 (13.7–19.0)	14.2 (13.0–15.6)	14.4 (12.9–16.1)	14.3 (12.8–15.8)	14.9 (13.4–16.5)	13.8 (12.4–15.4)	15.3 (14.2–16.4)	Decreased, 1991–2001 No change 2001–2011	No change
Used a condom during last sexual intercourse (among students who were currently sexually active)												
46.2 (42.8–49.6)	52.8 (50.0–55.6)	54.4 (50.7–58.0)	56.8 (55.2–58.4)	58.0 (53.6–62.3)	57.9 (55.6–60.1)	63.0 (60.5–65.5)	62.8 (60.6–64.9)	61.5 (59.4–63.6)	61.1 (59.0–63.1)	60.2 (57.5–62.9)	Increased, 1991–2003 No change, 2003–2011	No change
Did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)												
16.5 (14.6–18.6)	15.3 (13.7–17.0)	15.8 (13.6–18.2)	15.3 (13.5–17.1)	14.9 (13.2–16.8)	13.3 (11.7–15.0)	11.3 (9.9–13.0)	12.7 (11.4–14.3)	12.2 (10.8–13.7)	11.9 (10.7–13.2)	12.9 (11.6–14.2)	Decreased, 1991–2011	No change
Attended physical education daily (5 days in an average week when they were in school)												
41.6 (36.0–47.3)	34.3 (29.5–39.4)	25.4 (16.9–36.2)	27.4 (22.1–33.5)	29.1 (20.3–39.7)	32.2 (27.4–37.4)	28.4 (22.9–34.7)	33.0 (27.8–38.6)	30.3 (25.4–35.8)	33.3 (27.7–39.3)	31.5 (26.1–37.4)	Decreased, 1991–1995 No change, 1995–2011	No change
Obese (students who were ≥ 95 th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)												
NA	NA	NA	NA	10.6 (9.4–11.8)	10.5 (9.5–11.5)	12.0 (10.7–13.4)	13.0 (12.1–13.9)	12.8 (11.8–13.9)	11.8 (10.8–12.9)	13.0 (11.7–14.4)	Increased, 1999–2011	No change

¹ Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade.

² Based on t-test analyses, p < 0.05.

³ 95% confidence interval.

⁴ Not available.

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