

**2017 YOUTH RISK BEHAVIOR SURVEY RESULTS**  
**Select U.S. States and Large Urban School Districts High School Surveys**  
**Risk Behaviors and Transgender Report**

**Unintentional Injuries/Violence**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	5.6 (5.0-6.3)	26,280	16.1 (10.8-23.3)	470	13.9 (7.3-24.8)	443	Yes	No	No
QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)	14.5 (13.8-15.3)	92,205	29.6 (24.5-35.3)	2,263	24.6 (19.1-31.0)	1,928	Yes	Yes	No
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	4.3 (3.7-5.0)	43,903	21.6 (15.1-29.9)	978	19.7 (13.0-28.8)	760	Yes	Yes	No
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	36.1 (34.1-38.2)	43,581	50.8 (42.8-58.8)	1,166	51.9 (43.1-60.7)	931	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	11.8 (10.9-12.7)	38,253	29.0 (22.0-37.1)	666	25.9 (20.4-32.4)	664	Yes	Yes	No
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	3.5 (3.0-4.0)	101,956	20.0 (16.1-24.7)	2,396	17.1 (13.5-21.4)	2,102	Yes	Yes	No
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	3.4 (2.9-3.9)	64,769	21.2 (16.8-26.4)	1,864	17.3 (12.8-22.9)	1,484	Yes	Yes	No
QN15: Percentage of students who 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)	5.8 (5.3-6.5)	71,692	26.9 (21.4-33.1)	1,231	24.6 (19.2-31.0)	1,277	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)	5.3 (4.8-5.7)	111123	23.8 (20.0-28.1)	2,613	22.4 (18.2-27.3)	2,296	Yes	Yes	No
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)	20.0 (19.1-20.9)	69,066	38.2 (32.7-43.9)	1,140	32.6 (26.4-39.5)	1,198	Yes	Yes	No
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)	7.0 (6.5-7.5)	99,153	26.4 (21.8-31.5)	2,388	20.3 (15.9-25.6)	2,035	Yes	Yes	No
QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)	7.4 (6.8-8.0)	108358	23.8 (19.0-29.3)	2,361	20.6 (16.0-26.1)	2,091	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
Q20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)	9.8 (9.1-10.7)	58,820	31.4 (25.5-38.1)	1,683	25.8 (18.0-35.5)	1,378	Yes	Yes	No
Q21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	7.9 (7.2-8.7)	55,470	22.9 (17.4-29.5)	1,287	22.3 (15.2-31.5)	1,063	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	7.3 (6.8-7.9)	70,596	26.4 (21.1-32.5)	1,752	21.8 (16.7-27.8)	1,419	Yes	Yes	No
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	17.7 (17.0-18.5)	98,191	34.6 (29.8-39.8)	2,285	30.7 (24.9-37.3)	1,972	Yes	Yes	No
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	14.8 (14.2-15.4)	117,741	29.6 (24.4-35.4)	2,517	24.3 (19.5-29.9)	2,269	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN25: Percentage of students who felt sad or hopeless (almost every day for ≥2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	30.1 (29.1-31.1)	116630	53.1 (47.7-58.4)	2,475	51.4 (44.5-58.3)	2,229	Yes	Yes	No
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	15.7 (15.0-16.4)	97,810	43.9 (38.3-49.7)	2,273	40.6 (33.9-47.7)	1,952	Yes	Yes	No
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	13.2 (12.5-14.0)	104119	39.3 (33.1-45.8)	2,327	35.2 (28.2-42.9)	2,012	Yes	Yes	No
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	7.4 (6.8-8.0)	67,711	34.6 (27.1-42.9)	1,069	26.9 (19.8-35.4)	1,139	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
Q29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	2.3 (2.0-2.7)	36,189	16.5 (10.9-24.3)	552	8.5 (5.0-14.1)	588	Yes	Yes	No

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**Tobacco Use**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	22.6 (20.6-24.7)	34,819	32.9 (26.4-40.2)	536	29.4 (22.3-37.6)	543	Yes	No	No
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	7.7 (6.4-9.2)	49,886	24.7 (18.6-32.0)	794	20.8 (15.4-27.4)	840	Yes	Yes	No
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	6.6 (5.5-7.8)	108852	22.4 (18.5-26.9)	2,524	17.3 (13.8-21.4)	2,250	Yes	Yes	No
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	1.5 (0.9-2.4)	108852	7.8 (5.3-11.3)	2,524	5.1 (3.3-7.6)	2,250	Yes	Yes	No
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	1.1 (0.6-1.9)	108852	6.7 (4.4-10.1)	2,524	4.0 (2.5-6.5)	2,250	Yes	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	7.1 (5.0-9.9)	3,333	38.3 (21.3-58.8)	196	20.1 (8.0-42.3)	143	Yes	No	Yes
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	39.8 (37.6-42.0)	96,977	46.6 (38.7-54.7)	1,933	40.8 (33.7-48.4)	1,728	No	No	No
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	15.4 (14.2-16.7)	109,968	30.2 (25.5-35.3)	2,277	22.8 (18.5-27.8)	2,128	Yes	Yes	Yes

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
Q36: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products and who were aged <18 years)	11.5 (8.7-15.2)	8,835	20.2 (14.9-26.8)	534	15.5 (10.0-23.2)	330	Yes	No	No
Q37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	4.1 (3.6-4.6)	99,148	21.7 (17.6-26.4)	2,378	17.5 (14.0-21.6)	2,075	Yes	Yes	No
Q38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	6.2 (5.4-7.2)	106,468	27.8 (23.2-33.0)	2,493	19.5 (15.4-24.4)	2,206	Yes	Yes	Yes

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	9.7 (8.4-11.1)	97,946	35.0 (30.2-40.2)	2,333	26.0 (21.1-31.7)	2,041	Yes	Yes	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	11.1 (9.9-12.4)	97,928	37.1 (32.2-42.2)	2,349	28.8 (23.6-34.5)	2,058	Yes	Yes	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	19.2 (17.8-20.7)	92,493	44.6 (39.0-50.4)	2,249	34.8 (29.0-41.1)	1,967	Yes	Yes	Yes
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)	43.6 (39.2-48.0)	5,952	36.0 (18.7-58.0)	172	25.8 (14.1-42.3)	148	No	Yes	No

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)	58.1 (56.3-59.9)	79,292	70.0 (63.7-75.6)	1,766	62.9 (56.0-69.2)	1,524	Yes	No	No
QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	14.7 (13.9-15.5)	105,745	39.5 (33.9-45.4)	2,110	31.0 (26.0-36.5)	2,038	Yes	Yes	Yes
QN42: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	26.7 (25.5-28.0)	110,438	34.2 (28.7-40.1)	1,961	32.2 (26.5-38.4)	1,941	Yes	No	No
QN43: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol)	39.9 (37.4-42.4)	11,136	15.6 (7.7-29.0)	226	39.6 (23.3-58.6)	183	Yes	No	Yes

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN44: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	12.1 (11.2-13.2)	102663	18.1 (13.9-23.2)	1,998	16.6 (12.7-21.4)	1,905	Yes	Yes	No
QN45: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	2.6 (1.9-3.5)	44,581	9.1 (5.6-14.6)	613	3.4 (1.9-5.9)	679	Yes	No	Yes
QN46: Percentage of students who ever used marijuana (one or more times during their life)	36.0 (34.0-38.1)	72,521	43.8 (36.9-51.0)	1,501	39.6 (31.9-47.8)	1,356	Yes	No	No
QN47: Percentage of students who tried marijuana for the first time before age 13 years	6.0 (5.4-6.7)	112803	22.7 (18.4-27.7)	2,220	15.4 (12.0-19.5)	2,130	Yes	Yes	Yes

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	20.1 (18.9-21.5)	115170	30.3 (25.4-35.7)	2,265	23.9 (19.0-29.5)	2,158	Yes	No	No
QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	3.5 (3.0-4.0)	105647	27.2 (22.8-32.0)	2,532	22.0 (17.9-26.7)	2,211	Yes	Yes	No
QN50: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	5.5 (4.7-6.4)	47,568	31.1 (24.2-38.9)	775	20.9 (14.5-29.2)	788	Yes	Yes	No
QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	1.5 (1.3-1.8)	104444	26.1 (22.2-30.3)	2,512	18.6 (14.9-23.1)	2,196	Yes	Yes	Yes

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	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life)	1.7 (1.4-2.0)	91,922	24.9 (20.9-29.3)	2,298	19.6 (15.0-25.3)	1,961	Yes	Yes	No
QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	3.1 (2.7-3.4)	73,301	31.6 (26.8-36.8)	2,032	21.2 (17.2-25.7)	1,653	Yes	Yes	Yes
QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life)	5.4 (4.5-6.5)	81,372	30.4 (25.2-36.0)	2,185	17.7 (14.4-21.6)	1,845	Yes	Yes	Yes
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	2.6 (1.9-3.4)	11,970	26.6 (18.5-36.7)	219	11.2 (5.4-21.7)	188	Yes	Yes	Yes

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**Alcohol/Other Drug Use**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
Q56: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)	11.9 (10.8-13.1)	104,666	35.9 (31.3-40.7)	2,521	30.6 (23.8-38.3)	2,226	Yes	Yes	No
Q57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	1.6 (1.3-1.9)	67,350	21.2 (17.2-25.9)	1,791	15.5 (11.8-20.1)	1,503	Yes	Yes	No
Q58: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	21.6 (20.4-22.7)	92,919	34.9 (29.0-41.2)	2,041	32.9 (26.4-40.2)	1,799	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.



**2017 YOUTH RISK BEHAVIOR SURVEY RESULTS**  
**Select U.S. States and Large Urban School Districts High School Surveys**  
**Risk Behaviors and Transgender Report**

**Sexual Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN59: Percentage of students who ever had sexual intercourse	34.2 (32.6-35.9)	81,509	43.1 (35.1-51.4)	1,194	32.8 (26.8-39.5)	1,234	Yes	No	No
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years	3.0 (2.6-3.4)	104718	14.9 (11.0-19.9)	1,551	11.0 (7.7-15.4)	1,656	Yes	Yes	No
QN61: Percentage of students who had sexual intercourse with four or more persons during their life	7.4 (6.7-8.1)	102649	16.4 (11.9-22.0)	1,543	11.5 (7.6-16.8)	1,630	Yes	No	No
QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	24.5 (23.0-26.0)	103472	27.8 (21.8-34.7)	1,553	24.7 (19.7-30.6)	1,646	No	No	No
QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	18.5 (17.1-20.0)	24,439	30.0 (20.8-41.2)	540	38.2 (24.9-53.5)	397	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Sexual Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	56.1 (53.8-58.4)	24,402	36.2 (24.4-50.1)	524	42.8 (28.7-58.1)	387	Yes	No	No
QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	24.4 (22.5-26.4)	24,027	12.2 (6.7-21.4)	561	14.7 (7.7-26.3)	413	Yes	Yes	No
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	6.0 (5.3-6.8)	24,027	1.7 (0.9-3.2)	561	16.4 (6.3-36.4)	413	Yes	No	Yes
QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active))	4.7 (3.9-5.7)	24,027	10.0 (2.6-31.5)	561	0.8 (0.4-1.9)	413	No	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Risk Behaviors and Transgender Report**

**Sexual Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	35.1 (32.9-37.4)	24,027	23.9 (12.6-40.5)	561	32.0 (19.7-47.5)	413	No	No	No
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	12.1 (10.7-13.6)	23,794	2.5 (1.4-4.4)	508	10.2 (4.1-23.2)	375	Yes	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Sexual Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	12.9 (11.4-14.7)	24,027	29.7 (21.5-39.5)	561	20.1 (12.0-31.6)	413	Yes	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>‡</sup>	13.3 (12.3-14.4)	108218	19.8 (15.2-25.4)	2,063	18.3 (13.3-24.8)	1,916	Yes	No	No
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>‡</sup>	15.4 (14.9-16.0)	108218	11.7 (9.0-15.2)	2,063	13.8 (10.6-17.8)	1,916	Yes	No	No
QN68: Percentage of students who described themselves as slightly or very overweight	31.2 (30.0-32.3)	92,416	25.7 (21.1-30.9)	2,307	41.5 (32.9-50.7)	1,921	Yes	Yes	Yes
QN69: Percentage of students who were trying to lose weight	45.2 (43.9-46.5)	47,652	51.8 (42.1-61.3)	753	48.4 (40.2-56.6)	748	No	No	No
QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	29.0 (28.1-29.8)	110233	38.1 (32.3-44.3)	2,666	34.8 (29.3-40.8)	2,346	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

<sup>‡</sup>Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN71: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	11.8 (11.1-12.5)	111347	22.4 (18.8-26.4)	2,678	17.5 (13.7-22.2)	2,354	Yes	Yes	No
QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	6.4 (6.0-6.8)	109520	12.4 (9.8-15.5)	2,634	10.9 (7.3-16.0)	2,315	Yes	Yes	No
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	57.7 (56.7-58.7)	109520	48.1 (42.2-54.1)	2,634	54.2 (48.4-59.9)	2,315	Yes	No	No
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	27.9 (26.9-28.9)	109520	22.4 (17.3-28.5)	2,634	24.7 (20.4-29.6)	2,315	No	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNFR3: Percentage of students who ate fruit or drank 100% fruit juices three or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	16.0 (15.3-16.7)	109520	16.3 (11.9-21.9)	2,634	12.4 (9.6-15.9)	2,315	No	Yes	No
QN72: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	41.5 (40.1-42.9)	91,627	42.1 (36.7-47.6)	2,336	44.8 (37.4-52.4)	1,982	No	No	No
QN73: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	37.5 (36.3-38.7)	91,819	40.9 (34.7-47.4)	2,350	43.0 (36.4-49.9)	2,001	No	No	No
QN74: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	52.6 (51.1-54.1)	91,627	44.0 (38.6-49.6)	2,319	48.4 (40.0-56.8)	1,983	Yes	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN75: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	18.7 (17.5-19.9)	90,967	30.8 (26.2-35.8)	2,312	26.8 (19.5-35.7)	1,968	Yes	No	No
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	7.7 (7.0-8.4)	89,897	9.8 (7.1-13.4)	2,198	11.4 (6.9-18.1)	1,896	No	No	No
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	57.9 (56.6-59.2)	89,897	62.3 (56.7-67.6)	2,198	58.4 (49.9-66.4)	1,896	No	No	No
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	23.9 (22.9-24.9)	89,897	32.0 (27.0-37.3)	2,198	27.7 (22.3-33.8)	1,896	Yes	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.



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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	12.0 (11.3-12.7)	89,897	18.5 (13.8-24.3)	2,198	14.2 (11.1-18.0)	1,896	Yes	No	No
QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	32.5 (31.3-33.6)	99,788	36.7 (30.7-43.1)	2,459	30.7 (25.1-36.8)	2,138	No	No	No
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	13.9 (12.9-14.8)	99,788	17.2 (13.3-21.9)	2,459	22.5 (18.1-27.6)	2,138	No	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	8.6 (7.9-9.4)	99,788	13.0 (9.6-17.6)	2,459	14.9 (10.8-20.1)	2,138	Yes	Yes	No
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	4.7 (4.1-5.4)	99,788	8.7 (6.0-12.6)	2,459	8.9 (5.7-13.6)	2,138	Yes	Yes	No
QN77: Percentage of students who did not drink milk (during the 7 days before the survey)	27.8 (26.6-29.1)	34,482	29.3 (23.5-35.8)	650	34.4 (27.5-42.2)	659	No	No	No
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	27.6 (26.4-28.8)	34,482	26.2 (19.8-33.8)	650	25.8 (19.8-32.9)	659	No	No	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNMILK2: Percentage of students who drank two or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	16.6 (15.6-17.6)	34,482	17.0 (11.0-25.3)	650	14.1 (9.5-20.4)	659	No	No	No
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	7.5 (6.9-8.1)	34,482	8.0 (4.3-14.2)	650	5.6 (3.3-9.4)	659	No	No	No
QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)	14.0 (13.3-14.7)	58,812	31.8 (25.4-39.1)	986	17.5 (12.8-23.3)	1,035	Yes	No	Yes

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Dietary Behaviors**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	34.8 (33.5-36.2)	58,812	13.6 (10.2-17.8)	986	23.8 (17.2-31.9)	1,035	Yes	Yes	Yes
QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	71.4 (68.9-73.7)	27,992	49.5 (37.1-62.0)	378	54.7 (42.9-66.1)	490	Yes	Yes	No
QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	64.8 (62.3-67.1)	27,992	45.5 (33.7-57.9)	378	45.5 (34.6-56.9)	490	Yes	Yes	No
QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	52.2 (50.5-53.9)	27,992	33.2 (23.1-45.1)	378	36.5 (26.8-47.4)	490	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Risk Behaviors and Transgender Report**

**Physical Activity**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN79: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	44.3 (43.0-45.5)	112206	21.6 (17.2-26.6)	2,674	23.0 (19.0-27.5)	2,351	Yes	Yes	No
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	16.1 (15.4-16.8)	112206	28.4 (23.5-33.9)	2,674	26.1 (21.0-31.9)	2,351	Yes	Yes	No
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	22.7 (21.9-23.6)	112206	11.3 (8.4-15.1)	2,674	8.7 (6.3-11.9)	2,351	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Physical Activity**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)	20.6 (19.4-21.9)	87,287	15.6 (12.0-20.0)	2,289	17.3 (13.2-22.3)	1,951	Yes	No	No
QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	42.1 (41.2-43.0)	90,555	40.1 (35.4-44.9)	2,366	47.6 (40.8-54.4)	2,006	No	No	No
QN82: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	46.9 (44.9-48.9)	79,381	51.3 (44.2-58.4)	2,163	51.8 (46.4-57.3)	1,804	No	No	No
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	22.5 (20.5-24.6)	79,381	12.4 (9.0-16.8)	2,163	19.5 (15.2-24.7)	1,804	Yes	No	Yes

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

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**Risk Behaviors and Transgender Report**

**Physical Activity**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN83: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	54.8 (52.5-57.0)	19,691	43.9 (33.8-54.5)	376	43.3 (31.9-55.6)	375	Yes	No	No
QN84: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	14.4 (13.5-15.4)	81,550	37.8 (31.5-44.6)	2,041	34.1 (24.0-45.8)	1,706	Yes	Yes	No
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	23.1 (22.0-24.1)	48,200	16.5 (11.1-23.8)	879	15.5 (11.0-21.4)	864	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.

**2017 YOUTH RISK BEHAVIOR SURVEY RESULTS**  
**Select U.S. States and Large Urban School Districts High School Surveys**  
**Risk Behaviors and Transgender Report**

**Other**

Health Risk Behavior	Cisgender		Transgender		Not Sure		Difference Between Cisgender and Transgender? <sup>†</sup>	Difference Between Cisgender and Not Sure? <sup>†</sup>	Difference Between Transgender and Not Sure? <sup>†</sup>
	% 95% CI*	N	% 95% CI	N	% 95% CI	N			
QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	12.9 (12.1-13.8)	96,668	30.0 (25.0-35.6)	2,209	20.4 (14.0-28.8)	1,920	Yes	No	Yes
QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	76.7 (75.2-78.1)	68,969	52.4 (46.5-58.2)	1,949	57.6 (48.1-66.6)	1,634	Yes	Yes	No
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	1.6 (1.3-2.0)	68,969	11.5 (7.9-16.5)	1,949	6.4 (4.0-10.2)	1,634	Yes	Yes	Yes
QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	24.2 (23.5-25.0)	83,843	34.1 (28.2-40.6)	2,071	28.0 (20.6-36.8)	1,761	Yes	No	No
QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)	73.6 (71.8-75.3)	62,558	59.0 (51.7-66.0)	1,090	59.9 (51.0-68.1)	1,079	Yes	Yes	No

\*Confidence interval.

<sup>†</sup>Based on t-test analyses, p<0.05.