

**KENTUCKY**  
**2018 School Health Profiles Report**  
**Weighted Lead Health Education Teacher Survey Results**

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1. Percentage of schools in which students take the following number of required health education courses in grades 6 through 12.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. 0 courses	0.0	†	81	40.3	33.3 - 47.7	105	4.6	1.0 - 18.0	21	21.9	18.3 - 26.0	207
b. 1 course	77.6	70.8 - 83.2	81	24.5	18.3 - 31.8	105	57.4	45.0 - 69.0	21	47.2	42.8 - 51.8	207
c. 2 courses	12.6	8.3 - 18.7	81	9.2	5.8 - 14.4	105	19.2	11.4 - 30.4	21	11.5	8.8 - 14.9	207
d. 3 courses	2.4	0.8 - 6.5	81	21.9	16.9 - 27.9	105	14.2	5.9 - 30.5	21	14.0	11.0 - 17.6	207
e. 4 or more courses	7.5	4.7 - 11.8	81	4.1	2.0 - 8.2	105	4.6	1.0 - 18.0	21	5.4	3.6 - 7.9	207

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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2. Percentage of schools that taught a required health education course in each of the following grades.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Sixth grade	§	§	§	38.1	30.1 - 46.8	84	29.6	12.7 - 54.8	10	37.2	29.8 - 45.3	94
b. Seventh grade	§	§	§	44.0	36.2 - 52.1	94	39.3	22.5 - 59.0	15	43.4	36.1 - 50.9	109
c. Eighth grade	§	§	§	39.9	32.3 - 48.0	94	33.9	18.6 - 53.5	15	39.1	32.1 - 46.6	109
d. Ninth grade	97.2	92.5 - 99.0	73	-	-	2	94.9	80.2 - 98.9	19	96.8	92.7 - 98.6	94
e. Tenth grade	18.5	12.9 - 25.8	66	§	§	§	5.5	1.2 - 21.5	16	15.8	11.1 - 22.0	82
f. Eleventh grade	12.0	7.8 - 18.0	65	§	§	§	5.5	1.2 - 21.5	16	10.6	7.0 - 15.8	81
g. Twelfth grade	12.0	7.8 - 18.0	65	§	§	§	5.5	1.2 - 21.5	16	10.6	7.0 - 15.8	81

\*Among schools with students in that grade.

- Results are suppressed due to insufficient number of respondents in subgroup.

§ Grade is not applicable for type of school.

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3. Percentage of schools that require students who fail a required health education course to repeat it.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
100.0	†	79	36.1	26.7 - 46.7	56	94.9	80.3 - 98.9	19	74.5	69.5 - 78.9	154

\*Among schools in which students take one or more required health education courses in any of grades 6 through 12.

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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4. Percentage of schools in which those who teach health education are provided with each of the following materials.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Goals, objectives, and expected outcomes for health education	89.4	83.3 - 93.5	85	88.4	83.3 - 92.1	108	100.0	†	20	89.9	86.5 - 92.5	213
b. A chart describing the annual scope and sequence of instruction for health education	71.4	63.4 - 78.2	85	65.8	60.2 - 71.1	106	65.3	45.7 - 80.8	20	67.9	63.3 - 72.1	211
c. Plans for how to assess student performance in health education	78.8	70.8 - 85.0	85	70.2	63.7 - 76.0	108	60.1	43.0 - 75.0	20	72.4	67.7 - 76.7	213
d. A written health education curriculum	81.6	74.6 - 87.1	84	71.7	65.2 - 77.3	108	85.1	69.1 - 93.5	20	76.6	72.2 - 80.5	212

\*Among schools that teach health education.

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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5. Percentage of schools in which the health education curriculum addresses each of the following skills.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N	Interval		N	Interval		N	Interval		N	Interval
a. Comprehending concepts related to health promotion and disease prevention to enhance health	100.0	†	88	86.3	81.1 - 90.2	121	95.6	82.8 - 99.0	22	92.0	89.1 - 94.3	231
b. Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors	100.0	†	88	85.7	80.4 - 89.7	121	95.6	82.8 - 99.0	22	91.7	88.7 - 94.0	231
c. Accessing valid information and products and services to enhance health	97.8	94.1 - 99.2	88	82.3	76.5 - 86.9	120	90.9	76.4 - 96.8	22	88.7	85.2 - 91.4	230
d. Using interpersonal communication skills to enhance health and avoid or reduce health risks	100.0	†	88	85.7	80.8 - 89.4	122	95.6	82.8 - 99.0	22	91.7	88.9 - 93.8	232
e. Using decision-making skills to enhance health	100.0	†	88	85.6	81.2 - 89.2	122	95.6	82.8 - 99.0	22	91.7	89.1 - 93.7	232
f. Using goal-setting skills to enhance health	98.8	95.0 - 99.7	88	86.4	81.7 - 90.1	122	95.6	82.8 - 99.0	22	91.7	88.9 - 93.8	232
g. Practicing health-enhancing behaviors to avoid or reduce risks	100.0	†	88	84.9	79.9 - 88.8	122	95.6	82.8 - 99.0	22	91.2	88.4 - 93.5	232
h. Advocating for personal, family, and community health	98.9	95.5 - 99.7	88	83.2	77.9 - 87.5	122	90.9	76.4 - 96.8	22	89.5	86.3 - 92.0	232

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6. Percentage of schools in which those who teach sexual health education are provided with each of the following materials.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Goals, objectives, and expected outcomes for sexual health education	83.4	76.8 - 88.4	78	75.5	67.5 - 82.0	75	77.1	60.2 - 88.3	21	79.0	74.2 - 83.2	174
b. A written health education curriculum that includes objectives and content addressing sexual health education	77.0	69.3 - 83.2	78	69.3	60.7 - 76.7	75	81.7	65.7 - 91.3	21	74.1	68.9 - 78.7	174
c. A chart describing the annual scope and sequence of instruction for sexual health education	60.9	52.6 - 68.6	77	61.8	53.4 - 69.5	75	52.7	34.8 - 69.9	21	60.3	54.6 - 65.6	173
d. Strategies that are age-appropriate, relevant, and actively engage students in learning	76.9	69.0 - 83.2	78	69.3	61.2 - 76.3	75	66.8	51.5 - 79.3	21	72.2	67.0 - 76.8	174
e. Methods to assess student knowledge and skills related to sexual health education	76.9	69.1 - 83.2	78	69.2	60.7 - 76.7	75	72.2	54.2 - 85.1	21	72.8	67.4 - 77.6	174

\*Among schools that teach sexual health education.  
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7. Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay, bisexual, transgender, and questioning youth.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
48.3	41.6 - 55.2	83	29.9	24.2 - 36.3	114	52.5	38.3 - 66.2	21	38.6	34.4 - 43.1	218

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8. Percentage of schools in which health education instruction is required for students in any of grades 6 through 12.

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
100.0	†	87	62.3	55.8 - 68.4	114	95.6	82.8 - 99.0	22	79.4	75.7 - 82.6	223

† Confidence intervals not applicable for 0 percent or 100 percent.  
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9. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Alcohol- or other drug-use prevention	98.8	95.1 - 99.7	90	85.6	80.2 - 89.7	122	95.6	82.8 - 99.0	22	91.3	88.2 - 93.6	234
b. Asthma	71.8	65.7 - 77.2	90	59.3	52.8 - 65.4	122	69.0	52.6 - 81.7	22	64.7	60.3 - 68.8	234
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	98.8	95.1 - 99.7	90	85.1	80.4 - 88.8	123	95.6	82.8 - 99.0	22	91.0	88.2 - 93.2	235
d. Emotional and mental health	98.8	95.1 - 99.7	90	83.6	78.3 - 87.8	122	91.2	77.3 - 97.0	22	89.8	86.6 - 92.2	234
e. Epilepsy or seizure disorder	60.0	53.0 - 66.5	89	42.2	35.4 - 49.3	121	55.2	41.6 - 68.0	22	49.8	45.1 - 54.5	232
f. Food allergies	89.0	82.9 - 93.1	90	67.2	60.7 - 73.0	123	82.5	66.3 - 91.9	22	76.4	72.1 - 80.2	235
g. Foodborne illness prevention	85.5	78.7 - 90.4	90	65.1	58.7 - 71.0	123	73.0	54.6 - 85.9	22	73.1	68.7 - 77.2	235
h. Human immunodeficiency virus (HIV) prevention	97.5	93.2 - 99.1	88	71.7	65.3 - 77.3	113	90.9	76.4 - 96.8	22	83.1	79.3 - 86.3	223
i. Human sexuality	87.1	81.3 - 91.3	88	58.7	51.7 - 65.4	113	91.2	77.3 - 97.0	22	72.4	68.0 - 76.4	223

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9. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
j. Infectious disease prevention (e.g., influenza [flu] prevention)	100.0	†	90	84.2	79.0 - 88.3	123	91.2	77.3 - 97.0	22	90.5	87.4 - 92.9	235
k. Injury prevention and safety	97.8	93.9 - 99.2	90	82.9	77.3 - 87.4	123	91.2	77.3 - 97.0	22	89.0	85.6 - 91.7	235
l. Nutrition and dietary behavior	100.0	†	90	92.6	88.1 - 95.5	117	95.4	82.1 - 99.0	21	95.6	93.0 - 97.2	228
m. Physical activity and fitness	100.0	†	89	93.5	89.3 - 96.2	120	95.6	82.8 - 99.0	22	96.0	93.6 - 97.6	231
n. Pregnancy prevention	96.3	94.3 - 97.6	87	63.8	56.7 - 70.4	114	85.5	68.9 - 94.0	21	77.7	73.5 - 81.4	222
o. Sexually transmitted disease (STD) prevention	95.1	92.1 - 97.0	88	68.2	61.5 - 74.2	114	90.9	76.4 - 96.8	22	80.3	76.4 - 83.7	224
p. Suicide prevention	97.7	93.6 - 99.2	90	83.8	77.8 - 88.4	123	95.6	82.8 - 99.0	22	89.9	86.3 - 92.5	235
q. Tobacco-use prevention	98.8	95.1 - 99.7	90	84.3	78.7 - 88.6	119	95.6	82.8 - 99.0	22	90.7	87.4 - 93.1	231
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	98.8	95.1 - 99.7	90	90.5	85.7 - 93.8	123	95.6	82.8 - 99.0	22	94.0	91.1 - 95.9	235

† Confidence intervals not applicable for 0 percent or 100 percent.  
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10. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Identifying tobacco products and the harmful substances they contain	95.4	90.7 - 97.8	90	81.8	76.1 - 86.4	119	90.9	76.4 - 96.8	22	87.6	84.1 - 90.5	231
b. Identifying short- and long-term health consequences of tobacco use	95.4	90.7 - 97.8	90	82.6	77.0 - 87.1	119	90.9	76.4 - 96.8	22	88.0	84.6 - 90.8	231
c. Identifying social, economic, and cosmetic consequences of tobacco use	88.7	82.4 - 92.9	90	77.6	71.3 - 82.9	119	86.1	70.2 - 94.2	22	82.4	78.3 - 86.0	231
d. Understanding the addictive nature of nicotine	94.2	89.2 - 97.0	90	81.0	74.9 - 85.9	120	90.9	76.4 - 96.8	22	86.7	83.0 - 89.8	232
e. Effects of nicotine on the adolescent brain	89.7	84.3 - 93.3	90	73.9	67.4 - 79.4	120	77.8	64.6 - 87.0	22	79.9	75.9 - 83.5	232
f. Effects of tobacco use on athletic performance	84.5	77.6 - 89.6	90	72.1	65.6 - 77.7	120	86.1	70.2 - 94.2	22	77.9	73.6 - 81.7	232
g. Effects of second-hand smoke and benefits of a smoke-free environment	95.4	90.7 - 97.8	90	79.9	74.3 - 84.6	119	90.9	76.4 - 96.8	22	86.6	83.1 - 89.5	231
h. Understanding the social influences on tobacco use, including media, family, peers, and culture	90.7	84.8 - 94.5	89	79.2	73.0 - 84.2	119	90.4	75.2 - 96.7	21	84.4	80.4 - 87.7	229
i. Identifying reasons why students do and do not use tobacco	92.0	86.4 - 95.4	90	77.2	70.9 - 82.5	120	90.9	76.4 - 96.8	22	83.8	79.9 - 87.2	232
j. Making accurate assessments of how many peers use tobacco	77.3	70.0 - 83.2	89	63.2	56.7 - 69.3	120	68.6	52.6 - 81.2	22	68.8	64.2 - 73.0	231

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	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
k. Using interpersonal communication skills to avoid tobacco use (e.g., refusal skills, assertiveness)	91.9	86.2 - 95.4	89	80.3	74.3 - 85.1	120	90.9	76.4 - 96.8	22	85.5	81.7 - 88.6	231
l. Using goal-setting and decision-making skills related to not using tobacco	90.0	84.0 - 93.9	90	76.7	70.2 - 82.1	119	82.1	65.6 - 91.7	22	82.0	77.8 - 85.6	231
m. Finding valid information and services related to tobacco-use prevention and cessation	85.5	78.6 - 90.4	89	69.6	63.2 - 75.4	120	73.4	58.7 - 84.2	22	75.6	71.3 - 79.5	231
n. Supporting others who abstain from or want to quit using tobacco	84.4	78.1 - 89.2	90	67.1	60.5 - 73.0	120	68.6	56.8 - 78.4	22	73.5	69.2 - 77.4	232
o. Identifying harmful effects of tobacco use on fetal development	89.5	84.2 - 93.2	90	68.2	61.3 - 74.4	119	82.9	71.5 - 90.4	22	77.4	73.1 - 81.1	231
p. Relationship between using tobacco and alcohol or other drugs	93.1	88.9 - 95.7	90	77.6	71.4 - 82.8	120	82.5	71.7 - 89.8	22	83.7	79.9 - 86.8	232
q. How addiction to tobacco use can be treated	93.2	87.9 - 96.3	89	72.0	65.5 - 77.6	119	90.9	76.4 - 96.8	22	81.4	77.4 - 84.9	230
r. Understanding school policies and community laws related to the sale and use of tobacco products	90.0	84.0 - 93.9	90	75.1	69.0 - 80.5	120	77.4	59.7 - 88.8	22	80.7	76.6 - 84.3	232
s. Benefits of tobacco cessation programs	83.3	76.1 - 88.7	89	62.0	55.3 - 68.3	120	63.9	46.7 - 78.1	22	69.8	65.2 - 74.1	231

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10N. Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year.\*

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
62.2	54.9 - 69.0	88	54.0	47.2 - 60.6	119	50.4	35.7 - 65.0	22	56.6	51.8 - 61.2	229

\*Responses to question 10 a through s all are "yes."  
 N = Unweighted number of observations

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11. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
a. How HIV and other STDs are transmitted	§	§	§	57.7	50.5 - 64.7	101	-	-	17	57.9	51.4 - 64.2	118
b. Health consequences of HIV, other STDs, and pregnancy	§	§	§	56.7	49.8 - 63.4	101	-	-	17	56.2	50.1 - 62.2	118
c. The benefits of being sexually abstinent	§	§	§	60.9	53.6 - 67.7	97	-	-	17	63.2	56.5 - 69.4	114
d. How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy	§	§	§	47.2	40.0 - 54.5	98	-	-	17	48.2	41.6 - 54.8	115
e. The influences of family, peers, media, technology and other factors on sexual risk behaviors	§	§	§	56.6	49.0 - 63.9	96	-	-	17	57.0	50.0 - 63.8	113
f. Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	§	§	§	53.4	46.5 - 60.2	101	-	-	17	54.3	47.7 - 60.6	118

- Results are suppressed due to insufficient number of respondents in subgroup.

§ Grade is not applicable for type of school.

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		High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
		Percent	95% Confidence		Percent	95% Confidence		Percent	95% Confidence		Percent	95% Confidence	
			Interval	N		Interval	N		Interval	N		Interval	N
g.	Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	§	§	§	48.6	41.9 - 55.5	101	-	-	17	50.2	43.8 - 56.5	118
h.	Influencing and supporting others to avoid or reduce sexual risk behaviors	§	§	§	47.1	39.8 - 54.5	99	-	-	17	46.4	39.6 - 53.3	116
i.	Efficacy of condoms, that is, how well condoms work and do not work	§	§	§	33.3	26.8 - 40.5	102	-	-	17	34.5	28.4 - 41.1	119
j.	The importance of using condoms consistently and correctly	§	§	§	27.5	21.3 - 34.7	102	-	-	17	28.7	22.9 - 35.3	119
k.	How to obtain condoms	§	§	§	21.0	15.5 - 27.6	102	-	-	17	22.2	17.2 - 28.3	119
l.	How to correctly use a condom	§	§	§	18.0	12.8 - 24.8	101	-	-	16	19.1	14.2 - 25.1	117

- Results are suppressed due to insufficient number of respondents in subgroup.  
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 N = Unweighted number of observations

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	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
m. Methods of contraception other than condoms	§	§	§	28.4	22.4 - 35.2	102	-	-	17	31.1	25.5 - 37.2	119
n. The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy	§	§	§	27.5	21.7 - 34.1	102	-	-	17	30.3	24.8 - 36.3	119
o. How to create and sustain healthy and respectful relationships	§	§	§	59.6	52.0 - 66.8	96	-	-	17	61.3	54.3 - 67.9	113
p. The importance of limiting the number of sexual partners	§	§	§	40.2	33.4 - 47.4	101	-	-	17	41.3	35.1 - 47.7	118
q. Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health	§	§	§	40.0	33.4 - 47.0	101	-	-	17	41.9	35.7 - 48.4	118
r. Sexual orientation	§	§	§	19.1	13.9 - 25.8	101	-	-	17	20.7	15.7 - 26.7	118
s. Gender roles, gender identity, or gender expression	§	§	§	20.1	14.6 - 26.9	101	-	-	17	24.1	19.0 - 30.0	118
t. The relationship between alcohol and other drug use and sexual risk behaviors	§	§	§	53.7	46.3 - 61.0	95	-	-	17	55.5	48.7 - 62.1	112

- Results are suppressed due to insufficient number of respondents in subgroup.

§ Grade is not applicable for type of school.

N = Unweighted number of observations



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11. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. How HIV and other STDs are transmitted	96.3	91.7 - 98.4	84	-	-	2	100.0	†	19	97.1	93.5 - 98.8	105
b. Health consequences of HIV, other STDs, and pregnancy	96.3	91.7 - 98.4	84	-	-	2	100.0	†	19	97.1	93.5 - 98.8	105
c. The benefits of being sexually abstinent	96.3	91.7 - 98.4	84	-	-	2	100.0	†	19	97.1	93.5 - 98.8	105
d. How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy	89.1	82.6 - 93.3	84	-	-	2	100.0	†	19	91.4	86.3 - 94.7	105
e. The influences of family, peers, media, technology and other factors on sexual risk behaviors	91.3	85.5 - 95.0	84	-	-	2	100.0	†	19	93.2	88.5 - 96.1	105
f. Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	89.1	82.6 - 93.3	84	-	-	2	100.0	†	19	91.4	86.3 - 94.7	105

- Results are suppressed due to insufficient number of respondents in subgroup.

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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11. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
g. Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy	87.9	81.3 - 92.4	84	-	-	2	100.0	†	19	90.5	85.3 - 94.0	105
h. Influencing and supporting others to avoid or reduce sexual risk behaviors	88.9	82.6 - 93.2	84	-	-	2	90.3	76.1 - 96.5	19	89.4	84.1 - 93.2	105
i. Efficacy of condoms, that is, how well condoms work and do not work	80.2	72.7 - 86.0	83	-	-	2	100.0	†	19	84.5	78.5 - 89.0	104
j. The importance of using condoms consistently and correctly	75.1	67.4 - 81.5	82	-	-	2	95.4	82.0 - 99.0	19	79.7	73.4 - 84.8	103
k. How to obtain condoms	71.8	63.6 - 78.9	83	-	-	2	89.9	73.8 - 96.6	19	76.0	69.1 - 81.8	104
l. How to correctly use a condom	57.9	49.1 - 66.3	81	-	-	2	-	-	18	60.7	52.9 - 68.1	101

- Results are suppressed due to insufficient number of respondents in subgroup.

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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11. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
m. Methods of contraception other than condoms	78.0	70.1 - 84.3	84	-	-	2	100.0	†	19	82.7	76.4 - 87.6	105
n. The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy	79.2	71.6 - 85.3	84	-	-	2	-	-	18	82.6	76.2 - 87.5	104
o. How to create and sustain healthy and respectful relationships	95.0	89.9 - 97.6	82	-	-	2	100.0	†	19	96.1	92.1 - 98.1	103
p. The importance of limiting the number of sexual partners	85.2	78.1 - 90.3	83	-	-	2	94.9	81.5 - 98.8	19	87.5	81.7 - 91.6	104
q. Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health	90.1	84.6 - 93.8	82	-	-	2	89.9	75.2 - 96.3	19	90.3	85.4 - 93.6	103
r. Sexual orientation	60.4	52.1 - 68.2	83	-	-	2	63.3	45.0 - 78.5	19	61.9	54.4 - 68.8	104
s. Gender roles, gender identity, or gender expression	53.5	45.5 - 61.4	83	-	-	2	59.1	43.3 - 73.3	19	54.6	47.6 - 61.5	104
t. The relationship between alcohol and other drug use and sexual risk behaviors	91.6	85.6 - 95.2	84	-	-	2	100.0	†	19	93.4	88.7 - 96.2	105

- Results are suppressed due to insufficient number of respondents in subgroup.

† Confidence intervals not applicable for 0 percent or 100 percent.

N = Unweighted number of observations

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11N\_1. Percentage of schools that taught all 20 HIV, STD, and pregnancy prevention topics in any of grades 6, 7, or 8 during the current school year.\*

High Schools			Middle Schools			Junior/Senior High Schools			All Schools			
Percent	95% Confidence Interval		Percent	95% Confidence Interval		N	Percent	95% Confidence Interval		Percent	95% Confidence Interval	
	Interval	N		Interval	N			Interval	N			
§	§	§	13.9	9.3 - 20.3	103	-	-	17	14.5	10.4 - 20.0	120	

\*Responses to question 11 a through t all are "yes."

- Results are suppressed due to insufficient number of respondents in subgroup.

§ Grade is not applicable for type of school.

N = Unweighted number of observations

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11N\_2. Percentage of schools that taught all 20 HIV, STD, and pregnancy prevention topics in any of grades 9, 10, 11, or 12 during the current school year.\*

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
42.9	35.0 - 51.2	82	-	-	2	48.6	31.2 - 66.3	19	44.3	37.1 - 51.8	103

\*Responses to question 11 a through t all are "yes."

- Results are suppressed due to insufficient number of respondents in subgroup.

N = Unweighted number of observations

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12. Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 6, 7, or 8 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Comprehend concepts important to prevent HIV, other STDs, and pregnancy	§	§	§	54.9	47.7 - 61.9	101	-	-	17	56.3	49.7 - 62.8	118
b. Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	§	§	§	55.1	47.9 - 62.2	101	-	-	17	55.7	48.9 - 62.3	118
c. Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	§	§	§	47.0	39.9 - 54.2	101	-	-	17	47.1	40.6 - 53.6	118
d. Use interpersonal communication skills to avoid or reduce sexual risk behaviors	§	§	§	50.9	44.0 - 57.7	101	-	-	17	52.1	45.6 - 58.4	118
e. Use decision-making skills to prevent HIV, other STDs, and pregnancy	§	§	§	49.6	42.8 - 56.3	101	-	-	17	50.9	44.5 - 57.3	118
f. Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	§	§	§	58.1	51.3 - 64.5	101	-	-	17	58.3	52.2 - 64.2	118
g. Influence and support others to avoid or reduce sexual risk behaviors	§	§	§	49.2	42.2 - 56.3	101	-	-	17	50.0	43.7 - 56.4	118

- Results are suppressed due to insufficient number of respondents in subgroup.  
 § Grade is not applicable for type of school.  
 N = Unweighted number of observations

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12. Percentage of schools in which teachers assessed the ability of students to do each of the following in a required course for students in any of grades 9, 10, 11, or 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Comprehend concepts important to prevent HIV, other STDs, and pregnancy	93.6	88.0 - 96.7	81	-	-	2	94.9	81.5 - 98.8	19	94.0	89.4 - 96.7	102
b. Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	90.8	84.5 - 94.7	80	-	-	2	94.9	81.5 - 98.8	19	91.8	86.7 - 95.1	101
c. Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	87.3	80.4 - 92.1	81	-	-	2	89.4	73.9 - 96.2	19	88.0	82.2 - 92.2	102
d. Use interpersonal communication skills to avoid or reduce sexual risk behaviors	91.1	84.9 - 95.0	80	-	-	2	94.9	81.5 - 98.8	19	92.1	87.0 - 95.3	101
e. Use decision-making skills to prevent HIV, other STDs, and pregnancy	93.7	88.2 - 96.8	81	-	-	2	94.9	81.5 - 98.8	19	94.1	89.5 - 96.8	102
f. Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	89.7	83.3 - 93.8	80	-	-	2	94.9	81.5 - 98.8	19	91.0	85.8 - 94.4	101
g. Influence and support others to avoid or reduce sexual risk behaviors	83.2	75.7 - 88.8	80	-	-	2	84.8	69.8 - 93.1	19	83.9	77.6 - 88.8	101

- Results are suppressed due to insufficient number of respondents in subgroup.  
N = Unweighted number of observations

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13. Percentage of schools in which teachers provided students with the opportunity to practice communication, decision-making, goal-setting, or refusal skills related to sexual health during the current school year.

High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
95% Confidence			95% Confidence			95% Confidence			95% Confidence		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
61.5	53.4 - 68.9	84	45.6	39.1 - 52.2	116	71.0	56.5 - 82.1	21	53.6	48.9 - 58.3	221



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14. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Benefits of healthy eating	98.8	95.1 - 99.7	89	88.6	83.9 - 92.1	118	91.2	77.3 - 97.0	22	92.5	89.7 - 94.7	229
b. Benefits of drinking plenty of water	97.7	93.8 - 99.2	89	87.1	81.7 - 91.0	120	91.2	77.3 - 97.0	22	91.3	88.1 - 93.7	231
c. Benefits of eating breakfast every day	98.8	95.1 - 99.7	89	85.4	80.1 - 89.5	120	86.5	70.9 - 94.4	22	90.3	87.0 - 92.8	231
d. Food guidance using the current Dietary Guidelines for Americans (e.g., MyPlate)	95.5	90.8 - 97.8	89	84.3	78.5 - 88.8	119	91.2	77.3 - 97.0	22	89.0	85.4 - 91.8	230
e. Using food labels	97.7	93.8 - 99.2	89	82.0	76.5 - 86.4	120	86.5	70.9 - 94.4	22	88.0	84.7 - 90.8	231
f. Differentiating between nutritious and non-nutritious beverages	96.3	91.7 - 98.4	89	83.7	78.2 - 88.0	119	86.5	70.9 - 94.4	22	88.5	85.1 - 91.2	230
g. Balancing food intake and physical activity	98.8	95.1 - 99.7	89	86.0	80.4 - 90.2	120	95.4	82.1 - 99.0	21	91.5	88.2 - 93.9	230
h. Eating more fruits, vegetables, and whole grain products	98.8	95.1 - 99.7	89	86.0	81.3 - 89.7	119	91.2	77.3 - 97.0	22	91.1	88.3 - 93.3	230
i. Choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat)	97.7	93.8 - 99.2	89	81.8	76.3 - 86.3	120	91.2	77.3 - 97.0	22	88.4	85.1 - 91.1	231
j. Choosing foods, snacks, and beverages that are low in added sugars	97.7	93.8 - 99.2	89	85.2	80.4 - 89.1	120	91.2	77.3 - 97.0	22	90.3	87.3 - 92.6	231
k. Choosing foods and snacks that are low in sodium	94.5	89.7 - 97.1	89	81.2	75.6 - 85.7	120	87.3	72.5 - 94.7	22	86.5	83.0 - 89.4	231

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14. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
l. Eating a variety of foods that are high in calcium	92.0	86.3 - 95.4	87	76.3	70.2 - 81.4	120	87.3	72.5 - 94.7	22	82.9	79.0 - 86.2	229
m. Eating a variety of foods that are high in iron	89.7	83.5 - 93.7	88	74.7	68.7 - 79.9	120	87.3	72.5 - 94.7	22	81.3	77.3 - 84.7	230
n. Food safety	87.5	81.6 - 91.7	88	75.7	69.9 - 80.7	119	77.8	60.3 - 88.9	22	80.1	76.1 - 83.6	229
o. Preparing healthy meals and snacks	92.1	86.6 - 95.5	89	79.3	73.4 - 84.2	119	82.1	65.6 - 91.7	22	84.2	80.3 - 87.4	230
p. Risks of unhealthy weight control practices	98.8	95.1 - 99.7	89	81.4	75.8 - 85.9	120	86.5	70.9 - 94.4	22	88.1	84.7 - 90.8	231
q. Accepting body size differences	98.8	95.0 - 99.7	88	78.9	72.6 - 84.1	120	91.2	77.3 - 97.0	22	87.2	83.4 - 90.2	230
r. Signs, symptoms, and treatment for eating disorders	96.5	92.1 - 98.5	88	75.9	70.2 - 80.9	120	87.3	72.5 - 94.7	22	84.4	80.8 - 87.4	230
s. Relationship between diet and chronic diseases	93.9	88.5 - 96.8	88	76.5	70.9 - 81.3	120	82.5	66.3 - 91.9	22	83.3	79.6 - 86.4	230
t. Assessing body mass index (BMI)	96.5	92.2 - 98.5	89	75.4	68.8 - 81.0	118	78.5	65.2 - 87.7	22	83.3	79.4 - 86.7	229
u. The influence of the media on dietary behaviors	97.7	93.8 - 99.2	88	76.9	70.9 - 82.0	120	86.9	71.7 - 94.5	22	85.2	81.6 - 88.3	230
v. Food production, including how food is grown, harvested, processed, packaged, and transported	82.8	75.9 - 88.0	88	63.3	57.0 - 69.3	121	56.7	41.1 - 71.0	20	69.7	65.2 - 73.8	229

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14N. Percentage of schools that taught all 22 nutrition and dietary behavior topics during the current school year.\*

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
71.3	63.9 - 77.8	88	52.8	46.2 - 59.2	121	51.5	34.8 - 67.8	20	59.3	54.6 - 63.9	229

\*Responses to question 14 a through v all are "yes."  
 N = Unweighted number of observations

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15. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Short-term and long-term benefits of physical activity, including reducing the risks for chronic disease	100.0	†	88	90.1	85.1 - 93.6	120	95.4	82.1 - 99.0	21	94.1	91.3 - 96.1	229
b. Mental and social benefits of physical activity	98.8	95.1 - 99.7	89	89.3	84.2 - 92.9	120	95.4	82.1 - 99.0	21	93.3	90.3 - 95.4	230
c. Health-related fitness (i.e., cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition)	96.6	92.3 - 98.5	88	90.1	85.1 - 93.6	120	95.4	82.1 - 99.0	21	92.9	89.9 - 95.1	229
d. Phases of a workout (i.e., warm-up, workout, cool down)	98.9	95.5 - 99.7	88	89.3	84.2 - 92.9	120	91.3	78.1 - 96.9	21	92.9	89.9 - 95.1	229
e. Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity	92.9	87.4 - 96.1	88	86.9	81.7 - 90.7	120	91.3	78.1 - 96.9	21	89.4	86.0 - 92.1	229
f. Decreasing sedentary activities (e.g., television viewing, using video games)	100.0	†	88	89.3	84.2 - 92.9	120	95.4	82.1 - 99.0	21	93.7	90.8 - 95.8	229
g. Preventing injury during physical activity	94.4	89.5 - 97.1	88	87.5	82.0 - 91.4	120	90.9	76.4 - 96.8	21	90.3	86.8 - 92.9	229

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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15. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
h. Weather-related safety (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active)	89.9	83.8 - 93.8	88	73.0	66.2 - 79.0	120	86.7	72.1 - 94.3	21	80.3	75.9 - 84.1	229
i. Dangers of using performance-enhancing drugs (e.g., steroids)	89.8	83.7 - 93.8	89	66.5	60.9 - 71.8	120	82.2	66.4 - 91.5	21	76.3	72.5 - 79.8	230
j. Increasing daily physical activity	100.0	†	88	90.1	85.1 - 93.6	120	95.4	82.1 - 99.0	21	94.1	91.3 - 96.1	229
k. Incorporating physical activity into daily life (without relying on a structured exercise plan or special equipment)	98.9	95.5 - 99.7	88	89.3	84.2 - 92.9	120	90.9	76.4 - 96.8	21	92.9	89.8 - 95.1	229
l. Using safety equipment for specific physical activities	92.0	86.4 - 95.4	88	78.2	72.4 - 83.0	120	86.7	72.1 - 94.3	21	83.9	80.1 - 87.1	229
m. Benefits of drinking water before, during, and after physical activity	100.0	†	88	87.6	82.3 - 91.5	120	90.9	76.4 - 96.8	21	92.3	89.2 - 94.6	229

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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15N. Percentage of schools that taught all 13 physical activity topics during the current school year.\*

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
77.3	69.5 - 83.5	89	59.1	52.7 - 65.2	120	82.2	66.4 - 91.5	21	67.8	63.2 - 72.0	230

\*Responses to question 15 a through m all are "yes."  
 N = Unweighted number of observations

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16. Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year.\*

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Physical education staff	88.9	82.4 - 93.1	80	89.8	85.0 - 93.2	105	89.8	73.7 - 96.5	19	89.5	86.0 - 92.2	204
b. Health services staff (e.g., nurses)	71.7	63.6 - 78.7	80	75.6	69.0 - 81.2	106	64.1	46.2 - 78.7	19	73.1	68.3 - 77.5	205
c. Mental health or social services staff (e.g., psychologists, counselors, social workers)	59.6	51.0 - 67.6	77	67.5	60.1 - 74.2	106	53.9	37.4 - 69.6	19	63.4	58.1 - 68.4	202
d. Nutrition or food service staff	45.0	36.9 - 53.5	80	62.5	55.1 - 69.3	106	47.9	34.0 - 62.1	19	54.7	49.6 - 59.8	205
e. School health council, committee, or team	65.9	57.7 - 73.3	79	70.7	64.2 - 76.4	106	63.1	49.5 - 74.9	19	68.2	63.5 - 72.6	204

\*Among schools that have health education staff.  
N = Unweighted number of observations

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17. Percentage of schools that provided parents and families with health information designed to increase parent and family knowledge of the following topics during the current school year.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. HIV, other STD, or pregnancy prevention	37.8	29.7 - 46.7	90	25.6	20.3 - 31.7	117	38.0	23.8 - 54.6	21	31.3	26.8 - 36.1	228
b. Tobacco-use prevention	40.2	33.3 - 47.6	90	49.1	42.0 - 56.3	119	50.0	33.7 - 66.3	22	46.0	41.1 - 51.0	231
c. Alcohol- or other drug-use prevention	40.0	32.8 - 47.8	90	45.6	38.4 - 52.9	118	50.0	36.0 - 64.0	22	44.0	39.1 - 49.0	230
d. Physical activity	41.3	34.8 - 48.2	90	55.0	48.2 - 61.5	118	46.0	28.7 - 64.4	22	49.1	44.4 - 53.9	230
e. Nutrition and healthy eating	42.6	35.7 - 49.8	90	53.1	45.9 - 60.1	118	59.9	45.3 - 72.9	22	49.9	45.1 - 54.7	230
f. Asthma	21.2	15.8 - 27.7	90	21.4	16.1 - 27.9	118	36.9	22.6 - 53.9	22	22.8	18.9 - 27.3	230
g. Food allergies	35.6	29.0 - 42.7	90	40.0	33.7 - 46.7	118	50.8	36.3 - 65.2	22	39.5	35.0 - 44.1	230
h. Diabetes	27.8	21.3 - 35.4	90	31.2	24.9 - 38.2	117	27.4	14.3 - 46.0	22	29.6	25.1 - 34.5	229
i. Preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)	65.8	58.5 - 72.5	89	78.0	71.2 - 83.6	116	68.6	53.1 - 80.8	22	72.6	68.0 - 76.8	227



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18. Percentage of schools in which teachers have given students health education homework assignments or activities to do at home with their parents during the current school year.

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
64.3	56.5 - 71.5	86	62.9	55.9 - 69.5	117	59.1	41.6 - 74.6	22	63.1	58.1 - 67.8	225

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19. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Alcohol- or other drug-use prevention	34.2	28.2 - 40.7	90	30.8	25.3 - 37.0	123	31.4	17.1 - 50.3	22	32.1	28.0 - 36.5	235
b. Asthma	16.3	11.1 - 23.3	90	23.0	17.6 - 29.5	124	23.0	11.4 - 40.9	22	20.6	16.8 - 25.1	236
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	31.5	24.4 - 39.7	90	32.7	26.7 - 39.2	124	31.4	18.8 - 47.4	22	32.1	27.7 - 36.9	236
d. Emotional and mental health	41.3	34.7 - 48.3	89	47.2	41.0 - 53.4	124	44.9	32.6 - 57.9	22	44.9	40.6 - 49.3	235
e. Epilepsy or seizure disorder	30.1	23.3 - 37.9	90	39.7	33.0 - 46.9	124	31.4	21.1 - 43.9	22	35.5	30.9 - 40.4	236
f. Food allergies	34.5	27.2 - 42.7	90	40.8	34.0 - 47.9	124	36.2	24.0 - 50.4	22	38.1	33.4 - 43.2	236
g. Foodborne illness prevention	21.3	15.1 - 29.2	90	26.7	20.9 - 33.4	124	22.6	13.1 - 36.2	22	24.4	20.3 - 29.1	236
h. HIV prevention	25.0	19.4 - 31.7	90	22.5	17.6 - 28.3	123	22.2	13.0 - 35.4	22	23.4	19.8 - 27.4	235
i. Human sexuality	24.9	19.3 - 31.5	90	13.5	9.4 - 19.1	123	23.0	13.3 - 36.9	22	18.5	15.2 - 22.4	235

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19. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N	Percent	95% Confidence Interval	N
j. Infectious disease prevention (e.g., flu prevention)	30.5	23.6 - 38.3	89	41.3	34.6 - 48.4	124	54.4	41.4 - 66.7	22	38.7	34.1 - 43.6	235
k. Injury prevention and safety	39.9	32.4 - 48.0	90	44.1	37.8 - 50.5	124	54.4	41.4 - 66.7	22	43.6	39.0 - 48.3	236
l. Nutrition and dietary behavior	33.5	25.8 - 42.2	90	37.2	31.3 - 43.6	124	53.6	44.3 - 62.7	22	37.5	33.0 - 42.2	236
m. Physical activity and fitness	55.7	47.7 - 63.4	90	56.8	50.2 - 63.2	124	54.4	38.7 - 69.2	22	56.2	51.4 - 60.9	236
n. Pregnancy prevention	25.1	19.4 - 31.8	90	12.0	8.7 - 16.3	124	22.2	13.0 - 35.4	22	17.6	14.6 - 21.1	236
o. STD prevention	26.2	20.3 - 33.1	90	13.5	9.9 - 18.2	124	22.2	13.0 - 35.4	22	18.8	15.7 - 22.4	236
p. Suicide prevention	65.5	58.0 - 72.3	90	65.2	58.9 - 71.0	124	58.8	47.2 - 69.4	22	64.7	60.2 - 68.9	236
q. Tobacco-use prevention	27.3	20.6 - 35.1	90	28.2	23.0 - 34.1	124	40.5	25.2 - 57.9	22	29.0	24.9 - 33.5	236
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	59.2	51.6 - 66.4	90	68.0	62.0 - 73.6	124	63.5	50.2 - 75.0	22	64.5	60.1 - 68.7	236

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20. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on each of the following topics during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Teaching students with physical, medical, or cognitive disabilities	49.9	42.9 - 57.0	90	54.0	47.3 - 60.6	124	57.6	37.8 - 75.3	21	52.9	48.1 - 57.7	235
b. Teaching students of various cultural backgrounds	40.7	33.4 - 48.4	90	45.1	38.9 - 51.5	124	37.0	22.0 - 55.0	21	42.8	38.2 - 47.5	235
c. Teaching students with limited English proficiency	23.8	17.5 - 31.4	90	31.5	26.5 - 36.9	124	37.0	27.6 - 47.5	21	29.2	25.5 - 33.3	235
d. Teaching students of different sexual orientations or gender identities	19.4	14.5 - 25.4	90	17.8	13.7 - 22.8	124	33.2	20.0 - 49.7	21	19.8	16.6 - 23.4	235
e. Using interactive teaching methods (e.g., role plays, cooperative group activities)	53.6	46.3 - 60.7	90	65.5	58.4 - 72.0	124	66.4	50.8 - 79.1	21	61.4	56.5 - 66.0	235
f. Encouraging family or community involvement	35.2	27.7 - 43.4	89	48.2	40.9 - 55.6	124	37.8	23.0 - 55.2	21	42.7	37.6 - 47.9	234
g. Teaching skills for behavior change	44.5	36.8 - 52.5	88	56.8	50.4 - 62.9	124	56.9	39.4 - 72.8	21	52.5	47.7 - 57.2	233
h. Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	68.2	60.8 - 74.9	89	77.3	71.6 - 82.1	124	75.9	58.2 - 87.7	21	74.0	69.7 - 77.8	234
i. Assessing or evaluating students in health education	49.9	41.3 - 58.6	90	39.9	33.6 - 46.6	124	56.9	42.7 - 70.0	21	45.0	40.1 - 50.0	235

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21. Percentage of schools in which the lead health education teacher received professional development on each of the following topics related to teaching sexual health education during the past two years.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. Aligning lessons and materials with the district scope and sequence for sexual health education	28.8	22.8 - 35.6	88	8.8	6.0 - 12.8	124	38.7	24.4 - 55.4	21	18.5	15.5 - 22.1	233
b. Creating a comfortable and safe learning environment for students receiving sexual health education	24.1	18.3 - 31.0	88	9.0	6.1 - 13.1	124	33.3	20.5 - 49.2	21	16.5	13.5 - 20.0	233
c. Connecting students to on-site or community-based sexual health services	17.9	12.9 - 24.2	88	8.5	5.8 - 12.3	124	24.2	13.8 - 38.8	21	13.2	10.6 - 16.4	233
d. Using a variety of effective instructional strategies to deliver sexual health education	24.4	18.5 - 31.4	88	10.5	7.2 - 14.9	124	38.7	29.2 - 49.3	21	17.9	14.9 - 21.4	233
e. Building student skills in HIV, other STD, and pregnancy prevention	22.9	17.4 - 29.7	89	7.2	4.7 - 10.7	124	33.3	22.5 - 46.3	21	15.1	12.4 - 18.3	234
f. Assessing student knowledge and skills in sexual health education	21.0	15.8 - 27.4	88	11.4	7.9 - 16.0	124	33.3	22.5 - 46.3	21	16.8	13.8 - 20.2	233
g. Understanding current district or school board policies or curriculum guidance regarding sexual health education	21.1	15.5 - 28.1	88	10.5	7.3 - 14.9	124	28.8	16.7 - 44.8	21	15.9	12.8 - 19.5	233

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22. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Alcohol- or other drug-use prevention	77.7	70.6 - 83.4	88	60.1	53.2 - 66.7	123	85.0	76.2 - 91.0	21	68.6	64.0 - 72.9	232
b. Asthma	33.4	26.2 - 41.4	87	42.3	35.8 - 49.2	124	62.5	45.5 - 76.9	21	41.1	36.3 - 46.0	232
c. Chronic disease prevention (e.g., diabetes, obesity prevention)	64.9	56.9 - 72.2	88	64.8	58.3 - 70.7	124	76.7	58.4 - 88.5	21	65.9	61.2 - 70.4	233
d. Emotional and mental health	71.8	64.3 - 78.2	89	65.0	58.6 - 71.0	124	75.8	58.2 - 87.6	21	68.4	63.8 - 72.7	234
e. Epilepsy or seizure disorder	41.0	33.1 - 49.3	88	43.7	37.2 - 50.4	124	60.5	45.4 - 73.9	20	44.2	39.4 - 49.1	232
f. Food allergies	42.3	34.2 - 50.7	88	47.8	41.5 - 54.1	124	57.5	42.8 - 71.0	21	46.7	42.0 - 51.5	233
g. Foodborne illness prevention	43.6	35.8 - 51.7	88	44.6	38.3 - 51.0	123	57.9	42.0 - 72.3	21	45.4	40.7 - 50.2	232
h. HIV prevention	59.6	52.4 - 66.4	88	47.5	40.6 - 54.4	123	80.4	68.7 - 88.5	21	54.8	50.1 - 59.4	232
i. Human sexuality	71.0	64.2 - 77.0	89	51.1	44.9 - 57.2	124	76.3	62.8 - 85.9	21	60.4	56.1 - 64.5	234
j. Infectious disease prevention (e.g., flu prevention)	48.9	41.1 - 56.8	88	49.9	43.3 - 56.6	122	71.2	55.9 - 82.9	21	51.5	46.7 - 56.3	231
k. Injury prevention and safety	53.9	45.8 - 61.8	88	57.0	50.4 - 63.4	123	67.1	50.8 - 80.1	21	56.9	52.0 - 61.6	232

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22. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
l. Nutrition and dietary behavior	69.5	61.7 - 76.3	88	68.7	62.3 - 74.5	123	71.2	55.9 - 82.9	21	69.2	64.6 - 73.5	232
m. Physical activity and fitness	73.1	65.3 - 79.7	88	66.5	60.3 - 72.2	123	71.7	56.6 - 83.1	21	69.3	64.8 - 73.5	232
n. Pregnancy prevention	60.2	52.1 - 67.8	88	46.9	40.6 - 53.3	123	75.4	62.7 - 84.9	21	54.2	49.6 - 58.8	232
o. STD prevention	68.3	60.0 - 75.5	88	49.4	43.2 - 55.6	123	80.4	68.7 - 88.5	21	58.9	54.3 - 63.3	232
p. Suicide prevention	70.8	63.1 - 77.4	89	59.4	52.4 - 66.0	124	80.4	68.7 - 88.5	21	65.3	60.5 - 69.8	234
q. Tobacco-use prevention	63.0	54.3 - 70.9	88	55.3	48.6 - 61.8	124	75.8	62.0 - 85.8	21	59.9	54.9 - 64.6	233
r. Violence prevention (e.g., bullying, fighting, dating violence prevention)	75.2	68.8 - 80.6	88	65.6	58.5 - 72.1	124	90.0	75.4 - 96.4	21	71.2	66.6 - 75.4	233

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23. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Teaching students with physical, medical, or cognitive disabilities	68.7	60.5 - 76.0	89	61.4	55.6 - 66.8	124	69.7	53.5 - 82.2	20	64.7	60.2 - 68.9	233
b. Teaching students of various cultural backgrounds	62.0	53.5 - 69.7	89	53.2	46.9 - 59.3	124	62.1	45.9 - 76.0	21	57.1	52.3 - 61.7	234
c. Teaching students with limited English proficiency	59.4	51.0 - 67.3	89	48.5	42.8 - 54.3	124	57.1	39.9 - 72.7	21	53.1	48.5 - 57.7	234
d. Teaching students of different sexual orientations or gender identities	59.5	51.5 - 67.0	89	39.2	32.6 - 46.3	124	66.7	51.4 - 79.1	21	48.9	44.1 - 53.7	234
e. Using interactive teaching methods (e.g., role plays, cooperative group activities)	66.5	58.1 - 74.0	89	62.1	55.8 - 68.1	124	71.2	52.9 - 84.5	21	64.5	59.7 - 69.0	234
f. Encouraging family or community involvement	74.5	66.9 - 80.8	89	65.5	58.6 - 71.7	124	72.1	57.2 - 83.3	21	69.3	64.5 - 73.6	234
g. Teaching skills for behavior change	69.4	61.1 - 76.6	89	61.6	55.5 - 67.4	124	70.9	56.6 - 81.9	21	65.2	60.6 - 69.5	234
h. Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	57.4	49.7 - 64.8	89	64.7	58.0 - 70.9	124	62.1	44.6 - 76.9	21	61.9	57.0 - 66.5	234
i. Assessing or evaluating students in health education	72.2	64.3 - 78.9	89	66.5	59.8 - 72.5	123	71.3	55.9 - 82.9	21	68.9	64.2 - 73.3	233



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24. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics related to teaching sexual health education.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Aligning lessons and materials with the district scope and sequence for sexual health education	63.3	55.7 - 70.2	89	51.8	45.6 - 57.9	124	63.1	46.1 - 77.4	22	56.9	52.3 - 61.4	235
b. Creating a comfortable and safe learning environment for students receiving sexual health education	70.1	63.2 - 76.3	89	54.0	48.0 - 60.0	124	71.9	61.7 - 80.2	22	61.4	57.2 - 65.5	235
c. Connecting students to on-site or community-based sexual health services	69.8	62.4 - 76.3	89	48.3	42.3 - 54.4	124	72.2	57.4 - 83.4	22	58.2	53.7 - 62.4	235
d. Using a variety of effective instructional strategies to deliver sexual health education	71.4	63.9 - 77.9	89	54.8	49.0 - 60.5	124	72.6	58.1 - 83.6	22	62.3	58.0 - 66.5	235
e. Building student skills in HIV, other STD, and pregnancy prevention	72.5	65.6 - 78.5	89	46.1	40.2 - 52.1	124	76.6	63.2 - 86.2	22	58.3	54.1 - 62.4	235
f. Assessing student knowledge and skills in sexual health education	72.4	65.0 - 78.8	89	55.2	49.5 - 60.8	124	63.1	49.6 - 74.9	22	62.0	57.8 - 66.1	235
g. Understanding current district or school board policies or curriculum guidance regarding sexual health education	69.9	61.7 - 77.0	89	54.3	48.0 - 60.5	124	67.1	54.7 - 77.5	22	61.0	56.4 - 65.4	235

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25. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		N			N			N			N	
a. Health and physical education combined	79.6	72.3 - 85.4	83	63.9	56.8 - 70.5	117	76.3	62.8 - 85.9	21	70.6	65.8 - 74.9	221
b. Health education	8.4	4.8 - 14.2	83	4.7	2.9 - 7.6	117	4.2	1.0 - 16.4	21	6.0	4.2 - 8.5	221
c. Physical education	8.5	4.9 - 14.5	83	15.0	10.4 - 21.1	117	0.0	†	21	11.3	8.3 - 15.1	221
d. Other education degree	0.0	†	83	5.3	2.9 - 9.4	117	4.6	1.0 - 18.0	21	3.4	1.9 - 5.8	221
e. Kinesiology, exercise science, or exercise physiology	2.3	0.8 - 6.3	83	1.0	0.2 - 4.0	117	0.0	†	21	1.3	0.6 - 3.1	221
f. Home economics or family and consumer science	0.0	†	83	2.4	1.0 - 5.4	117	10.0	3.4 - 25.7	21	2.3	1.2 - 4.3	221
g. Biology or other science	0.0	†	83	2.6	1.1 - 5.8	117	0.0	†	21	1.4	0.6 - 3.3	221
h. Nursing	0.0	†	83	0.0	†	117	0.0	†	21	0.0	†	221
i. Counseling	0.0	†	83	1.0	0.2 - 4.0	117	0.0	†	21	0.5	0.1 - 2.2	221
j. Public health	0.0	†	83	0.0	†	117	0.0	†	21	0.0	†	221
k. Nutrition	0.0	†	83	1.0	0.2 - 4.0	117	0.0	†	21	0.5	0.1 - 2.2	221
l. Other	1.2	0.3 - 4.8	83	3.3	1.6 - 6.8	117	5.0	1.1 - 19.4	21	2.7	1.5 - 4.9	221

† Confidence intervals not applicable for 0 percent or 100 percent.  
N = Unweighted number of observations

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26. Percentage of schools in which the lead health education teacher is certified, licensed, or endorsed by the state to teach health education in middle school or high school.

<b>High Schools</b>			<b>Middle Schools</b>			<b>Junior/Senior High Schools</b>			<b>All Schools</b>		
95% Confidence Interval			95% Confidence Interval			95% Confidence Interval			95% Confidence Interval		
Percent	Interval	N	Percent	Interval	N	Percent	Interval	N	Percent	Interval	N
97.8	94.1 - 99.2	89	88.7	83.9 - 92.2	123	90.5	75.5 - 96.7	22	92.1	89.1 - 94.3	234

**KENTUCKY**  
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27. Percentage of schools in which the lead health education teacher had the following number of years of experience teaching health education courses or topics.

	High Schools			Middle Schools			Junior/Senior High Schools			All Schools		
	Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval		Percent	95% Confidence Interval	
		Interval	N		Interval	N		Interval	N		Interval	N
a. 1 year	5.8	3.0 - 10.9	88	12.9	8.9 - 18.4	122	13.5	5.6 - 29.1	22	10.5	7.7 - 14.0	232
b. 2 to 5 years	20.9	15.0 - 28.3	88	29.4	24.0 - 35.5	122	8.7	3.0 - 22.7	22	24.4	20.6 - 28.7	232
c. 6 to 9 years	8.0	4.6 - 13.5	88	15.0	11.0 - 20.2	122	27.0	15.9 - 42.0	22	13.7	10.8 - 17.2	232
d. 10 to 14 years	22.3	16.3 - 29.9	88	15.4	11.7 - 20.0	122	9.5	3.3 - 24.5	22	17.3	14.1 - 21.0	232
e. 15 years or more	43.0	35.3 - 51.1	88	27.2	21.2 - 34.2	122	41.3	27.6 - 56.5	22	34.1	29.5 - 39.1	232