

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
School Health Coordination														
Percentage of schools that ever used the School Health Index or other self-assessment tool to assess school policies, activities, and programs in the following areas:														
Physical education and physical activity								66.0	64.0	58.8	53.6	Decreased, 2018-2024	Not available	Decreased
Nutrition			57.2	61.1	58.7	58.9	64.8	62.0	54.7	52.8	53.1	Decreased, 2008-2024	Increased, 2008-2016 Decreased, 2016-2024	No change
Tobacco-use prevention			53.0	58.6	59.3	59.4	61.1	64.7	63.8	60.7	53.8	No linear change	Increased, 2008-2020 Decreased, 2020-2024	Decreased
Alcohol- and other drug-use prevention									61.8	61.1	55.1	Decreased, 2020-2024	Not available	Decreased
Chronic health conditions (e.g., asthma, food allergies)								46.5	36.4	36.8	37.3	Decreased, 2018-2024	Not available	No change
Unintentional injury and violence prevention (safety)			49.7	49.1	50.7	46.1	49.6	43.6	39.1	39.9		Decreased, 2010-2024	No change, 2010-2018 Decreased, 2018-2024	No change
Sexual health, including HIV, other STI, and pregnancy prevention								52.8	50.2	47.9	50.3	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that did the following activities:														
Reviewed district's local wellness policy						33.1		89.0	85.9	75.1	82.1	Decreased, 2014-2024	Not available	Increased
Helped revise district's local wellness policy								66.8	59.3	34.6	49.4	Decreased, 2018-2024	Not available	Increased
Communicated to school staff about district's local wellness policy								72.2	72.1	70.0	65.4	Decreased, 2018-2024	Not available	Decreased
Communicated to parents and families about district's local wellness policy								42.5	53.6	47.1	55.4	Increased, 2018-2024	Not available	Increased
Communicated to students about district's local wellness policy								45.8	46.6	51.1	47.4	No linear change	Not available	Decreased
Measured school's compliance with district's local wellness policy								50.3	46.0	36.4	46.6	Decreased, 2018-2024	Not available	Increased
Developed an action plan that describes steps to meet requirements of district's local wellness policy								35.5	33.2	33.2	36.4	No linear change	Not available	No change
Percentage of schools that have one or more than one group (e.g., a school health council, committee, team) that offers guidance on the development of policies or coordinates activities on health topics		73.9	74.9	73.5	78.0	67.5	77.8	77.2	72.7	70.0	66.7	Decreased, 2006-2024	No change, 2006-2018 Decreased, 2018-2024	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that have a school health council, committee, or team that did the following activities during the past year:*																
Identified student health needs based on a review of relevant data					73.8	79.8	79.4	75.7	79.7	81.7	85.4	Increased, 2012-2024	No quadratic change	Increased		
Recommended new or revised health and safety policies and activities to school administrators or the school improvement team					80.2	76.1	81.1	78.7	76.5	70.4	78.2	Decreased, 2012-2024	No quadratic change	Increased		
Sought funding or leveraged resources to support health and safety priorities for students and staff					80.4	85.1	85.7	79.5	77.1	80.5	88.1	No linear change	No change, 2012-2020 Increased, 2020-2024	Increased		
Communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members					69.9	86.5	87.6	88.4	87.3	82.6	85.6	Increased, 2012-2024	Increased, 2012-2016 Decreased, 2016-2024	No change		
Reviewed health-related curricula or instructional materials						72.5	81.3	74.8	80.9	87.3	85.6	Increased, 2014-2024	No quadratic change	No change		

* Among schools that have one or more than one group that offers guidance on the development of policies or coordinates activities on health topics.

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that use the following types of security staff during the regular school day:														
Security guards (private or school employees/contractors)										6.2	8.5	Increased, 2022-2024	Not available	Increased
School resource officers (SROs)										28.1	24.0	Decreased, 2022-2024	Not available	Decreased
Police officers other than SROs (i.e., county or local law enforcement)										11.7	6.9	Decreased, 2022-2024	Not available	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Before- or After-School Programs														
Percentage of schools that have taken any of the following actions related to before- or after-school programs														
Included before- or after-school settings as part of the School Improvement Plan									36.9	49.3	52.3	Increased, 2020-2024	Not available	No change
Encouraged before- or after-school program staff or leaders to participate in school health council, committee, or team meetings									38.9	39.8	48.0	Increased, 2020-2024	Not available	Increased
Partnered with community-based organizations (e.g., Boys & Girls Clubs, YMCA, 4H Clubs) to provide students with before- or after-school programming									45.9	46.1	55.7	Increased, 2020-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Sexual and Gender Minority Students														
Percentage of schools that have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity			22.6	32.4	36.9	40.1	53.5	51.1	55.5	72.6	75.1	Increased, 2008-2024	No quadratic change	No change
Percentage of schools with student-led clubs that support LGBT youth			22.6	32.4	36.9	40.1	53.5	51.1	55.5	72.6	75.1	Increased, 2008-2024	No quadratic change	No change
Percentage of schools that engage in the following LGBTQ youth-related practices:														
Identify "safe spaces" (e.g., a counselor's office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff				66.8	65.1	73.5	82.5	83.8	92.7	93.8	97.7	Increased, 2010-2024	Increased, 2010-2020 Increased, 2020-2024	Increased
Prohibit harassment based on a student's perceived or actual sexual orientation or gender identity				96.4	95.5	95.9	99.3	98.5	100.0	99.2	100.0	Increased, 2010-2024	†	Increased
Encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity				80.2	76.8	82.4	83.1	88.3	93.4	98.5	96.1	Increased, 2010-2024	Increased, 2010-2020 Increased, 2020-2024	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that engage in the following LGBTQ youth-related practices:																
Facilitate access to providers not on school property who have experience in providing health services, including HIV/STI testing and counseling, to LGBTQ youth				54.2	57.2	67.6	69.0	66.7	71.5	74.7	70.1	Increased, 2010-2024	Increased, 2010-2014 Increased, 2014-2024	Decreased		
Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth				62.1	63.8	68.5	70.5	66.7	78.2	84.1	80.6	Increased, 2010-2024	Increased, 2010-2020 No change, 2020-2024	Decreased		
Percentage of schools in which school staff received professional development to support lesbian, gay, bisexual, and transgender students									70.9	63.8	59.3	Decreased, 2020-2024	Not available	Decreased		
Percentage of schools that performed all of the following activities to communicate with parents and families									0.8	2.3	9.2	Increased, 2020-2024	Not available	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Bullying and Sexual Harassment															
Percentage of schools in which all staff received professional development on preventing, identifying, and responding to student bullying and sexual harassment, including electronic aggression						90.3	85.5	88.1	93.5	89.9	93.0	Increased, 2014-2024	Increased, 2014-2020 No change, 2020-2024	Increased	
Percentage of schools that have a designated staff member to whom students can confidentially report student bullying and sexual harassment, including electronic aggression						100.0	100.0	100.0	98.4	100.0	100.0	Decreased, 2014-2024	†	¶	
Percentage of schools that have written protocols for the following suicide prevention practices:															
Assessing student suicide risk											86.7	92.8	Increased, 2022-2024	Not available	Increased
Notifying parents when a student is at risk for suicide											88.9	94.4	Increased, 2022-2024	Not available	Increased
Referring students at risk for suicide to mental health services											88.9	93.7	Increased, 2022-2024	Not available	Increased
Responding to a suicide attempt at school											79.7	88.1	Increased, 2022-2024	Not available	Increased
Supporting students returning to school after a suicide attempt											74.2	85.1	Increased, 2022-2024	Not available	Increased
Responding to the death of a student or staff member from suicide											73.5	80.3	Increased, 2022-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

¶ Analysis cannot be conducted when response rates are 100% for a census or 2022 and 2024 prevalence estimates are both 0% or 100%.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Required Physical Education														
Percentage of schools that taught required physical education in the following grades:*														
6th grade		97.7	100.0	100.0	100.0	100.0	98.9	100.0	100.0	100.0	100.0	Increased, 2006-2024	†	¶
7th grade		99.1	98.8	100.0	100.0	100.0	99.1	100.0	100.0	100.0	99.0	No linear change	†	Decreased
8th grade		99.1	98.8	100.0	100.0	100.0	99.1	100.0	98.1	100.0	99.0	No linear change	†	Decreased

* Among schools with students in that grade. The results published here for 2012 and prior years may not match previously published numbers because the manner in which these were calculated changed in 2014.

¹Based on trend analyses using a logistic regression model, $p < 0.05$.

²Based on t-test analysis, $p < 0.05$.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

¶ Analysis cannot be conducted when response rates are 100% for a census or 2022 and 2024 prevalence estimates are both 0% or 100%.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that taught required physical education in the following grades:*														
9th grade		96.3	87.2	89.6	93.2	88.0	94.8	93.6	94.8	98.0	96.5	Increased, 2006-2024	Decreased, 2006-2010 Increased, 2010-2024	No change
10th grade		87.2	76.7	82.0	77.5	80.1	87.6	73.4	82.8	81.0	86.0	No linear change	Decreased, 2006-2014 No change, 2014-2024	Increased
11th grade		58.7	67.7	52.0	56.8	53.1	69.7	45.2	49.6	59.4	65.5	No linear change	Decreased, 2006-2020 Increased, 2020-2024	Increased
12th grade		54.6	65.2	48.0	54.7	52.1	68.0	39.2	46.1	55.5	54.8	Decreased, 2006-2024	No quadratic change	No change

* Among schools with students in that grade. The results published here for 2012 and prior years may not match previously published numbers because the manner in which these were calculated changed in 2014.

¹Based on trend analyses using a logistic regression model, $p < 0.05$.

²Based on t-test analysis, $p < 0.05$.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Physical Education and Physical Activity														
Percentage of schools that engage in the following physical education practices:														
Provide physical education teachers with a written physical education curriculum that aligns with national standards for physical education									73.4	77.3	72.2	No linear change	Not available	Decreased
Require physical education teachers to follow a written physical education curriculum									76.0	65.7	68.3	Decreased, 2020-2024	Not available	No change
Allow the use of waivers, exemptions, or substitutions for physical education requirements for one grading period or longer									44.0	38.2	39.3	Decreased, 2020-2024	Not available	No change
Allow teachers to exclude students from physical education to punish them for inappropriate behavior or failure to complete class work in another class									2.5	3.9	7.0	Increased, 2020-2024	Not available	Increased
Require physical education teachers to be certified, licensed, or endorsed by the state in physical education									99.1	98.4	97.7	Decreased, 2020-2024	Not available	No change
Limit physical education class sizes so that they are the same size as other subject areas									67.6	76.6	72.8	Increased, 2020-2024	Not available	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that engage in the following physical education practices:														
Have a dedicated budget for physical education materials and equipment									95.9	99.2	96.2	No linear change	Not available	Decreased
Provide adapted physical education (i.e., special courses separate from regular PE courses) for students with disabilities as appropriate									83.9	79.6	81.5	No linear change	Not available	No change
Include students with disabilities in regular physical education courses as appropriate									100.0	100.0	100.0	§	Not available	¶
Percentage of schools in which students participate in physical activity in classrooms during the school day outside of physical education					68.6	71.9	81.6	83.1	87.8	79.6	79.2	Increased, 2012-2024	Increased, 2012-2020 Decreased, 2020-2024	No change
Percentage of schools that offer opportunities for all students to be physically active during the school day, such as recess, lunchtime intramural activities, or physical activity clubs									84.6	90.6	90.9	Increased, 2020-2024	Not available	No change
Percentage of schools that offer interscholastic sports to students					86.1	92.0	94.1	89.8	87.7	93.9	92.4	Increased, 2012-2024	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

§ Analysis cannot be conducted when response rates are 100% for a census or prevalence estimates are all 0% or 100%.

¶ Analysis cannot be conducted when response rates are 100% for a census or 2022 and 2024 prevalence estimates are both 0% or 100%.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that offer opportunities for students to participate in physical activity through organized physical activities or access to facilities or equipment for physical activity during the following times:														
Before the school day					48.2	41.8	47.9	53.3	34.1	42.2	Decreased, 2014-2024	No quadratic change	Increased	
After the school day							84.9	91.2	92.4	94.5	Increased, 2018-2024	Not available	Increased	
Percentage of schools that have a joint use agreement for shared use of the following school or community facilities:														
Physical activity facilities					49.6	56.2	57.2	66.9	64.3	62.2	68.4	Increased, 2012-2024	Increased, 2012-2018 No change, 2018-2024	Increased
Kitchen facilities and equipment							41.0	32.7	35.9	38.4	No linear change	Not available	No change	
Gardens								29.4	26.9	34.9	Increased, 2020-2024	Not available	Increased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that have a written plan for providing opportunities for students to be physically active before, during, and after school									12.2	16.3	15.4	Increased, 2020-2024	Not available	No change
Percentage of schools that have assessed opportunities available to students to be physically active before, during, or after school									52.1	48.0	49.6	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Tobacco-Use Prevention Policies														
Percentage of schools that have adopted a policy prohibiting tobacco use		100.0	100.0	100.0	98.5	98.4	100.0	98.5	100.0	100.0	99.3	Decreased, 2006-2024	†	Decreased
Percentage of schools that follow a policy that mandates a “tobacco-free environment”		63.1	63.1	60.8	54.9	66.8	66.0	68.9	77.1	74.1	65.7	Increased, 2006-2024	No quadratic change	Decreased
Percentage of schools that follow a policy that mandates a “tobacco-free environment” including prohibiting electronic vapor products							51.7	57.0	75.3	74.1	65.7	Increased, 2016-2024	Not available	Decreased
Percentage of schools that take the following actions when students are caught using electronic vapor products														
Issue a warning to the student										74.2	76.0	No linear change	Not available	No change
Confiscate product										96.0	97.7	Increased, 2022-2024	Not available	Increased
Notify parents or guardians										95.9	97.7	Increased, 2022-2024	Not available	Increased
Develop a behavior contract with the student										85.0	85.1	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that take the following actions when students are caught using electronic vapor products														
Refer to a school counselor										95.3	93.8	No linear change	Not available	No change
Refer to a school administrator										94.4	96.9	Increased, 2022-2024	Not available	Increased
Refer to an assistance, education, or cessation program										78.7	84.4	Increased, 2022-2024	Not available	Increased
Refer to legal authorities (e.g., school resource officer)										53.1	54.7	No linear change	Not available	No change
Issue an in-school suspension (half day or full day)										68.0	73.1	Increased, 2022-2024	Not available	Increased
Issue an after-school or weekend detention										23.8	26.4	No linear change	Not available	No change
Issue an out-of-school suspension										43.8	48.7	Increased, 2022-2024	Not available	Increased
Expel from school										1.5	3.1	Increased, 2022-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Nutrition-Related Policies and Practices														
Percentage of schools that always or almost always offer fruits or non-fried vegetables at school celebrations when foods or beverages are offered			36.5	52.4	50.8	59.1	62.3	58.8	52.1	45.2	47.0	No linear change	Increased, 2008-2016 Decreased, 2016-2024	No change
Percentage of schools in which students can purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar	75.5	79.9	70.1	60.9	54.9	45.6	43.7	42.0	23.4	23.9	Decreased, 2006-2024	No quadratic change	No change	
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:														
Chocolate candy	13.4	12.2	11.0	12.7	7.1	5.4	2.6	2.5	0.8	1.5	Decreased, 2006-2024	No change, 2006-2012 Decreased, 2012-2024	No change	
Other kinds of candy	15.7	14.2	14.1	16.3	9.5	3.9	3.5	3.3	3.1	3.1	Decreased, 2006-2024	No change, 2006-2012 Decreased, 2012-2024	No change	
Salty snacks that are not low in fat (e.g., regular potato chips)	36.5	37.0	26.7	31.0	16.5	9.9	9.5	11.8	5.4	6.9	Decreased, 2006-2024	No quadratic change	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:														
Low sodium or “no added salt” pretzels, crackers, or chips						32.4	27.5	29.7	25.9	18.7	14.7	Decreased, 2014-2024	Decreased, 2014-2020 Decreased, 2020-2024	Decreased
Cookies, crackers, cakes, pastries, or other baked goods that are not low in fat			39.8	33.4	29.4	18.9	9.7	12.1	15.0	6.9	6.9	Decreased, 2008-2024	Decreased, 2008-2016 Decreased, 2016-2024	No change
Ice cream or frozen yogurt that is not low in fat			37.6	27.5	25.7	12.5	7.8	10.3	11.7	7.0	9.3	Decreased, 2008-2024	Decreased, 2008-2016 No change, 2016-2024	Increased
2% or whole milk (plain or flavored)		54.4	59.4	52.1	26.2	17.4	18.5	18.5	21.5	11.6	8.6	Decreased, 2006-2024	No change, 2006-2010 Decreased, 2010-2024	Decreased
Nonfat or 1% (low-fat) milk (plain)						30.6	32.1	24.3	29.5	14.8	11.6	Decreased, 2014-2024	No change, 2014-2020 Decreased, 2020-2024	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:														
Water ices or frozen slushes that do not contain juice			17.5	14.1	12.4	5.5	7.8	6.7	6.5	5.4	7.0	Decreased, 2008-2024	Decreased, 2008-2014 No change, 2014-2024	No change
Soda pop or fruit drinks that are not 100% juice	39.3	26.5	18.4	22.1	11.2	8.5	5.4	5.7	5.6	5.4	Decreased, 2006-2024	Decreased, 2006-2018 No change, 2018-2024	No change	
Sports drinks (e.g., Gatorade)	56.3	52.4	41.4	36.6	28.7	20.7	20.7	16.8	14.6	13.2	Decreased, 2006-2024	Decreased, 2006-2016 Decreased, 2016-2024	No change	
Energy drinks (e.g., Red Bull, Monster)					1.6	1.5	0.0	0.0	2.4	0.8	No linear change	†	Decreased	
Plain water, with or without carbonation								38.5	36.6	20.3	20.0	Decreased, 2018-2024	Not available	No change
Calorie-free, flavored water, with or without carbonation								24.2	24.3	16.2	15.3	Decreased, 2018-2024	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:																
100% fruit or vegetable juice						38.7	38.1	28.3	28.3	18.2	14.7	Decreased, 2014-2024	Decreased, 2014-2020 Decreased, 2020-2024	Decreased		
Foods or beverages containing caffeine			26.1	16.8	21.0	19.9	13.3	13.1	18.8	8.0	4.6	Decreased, 2008-2024	Decreased, 2008-2020 Decreased, 2020-2024	Decreased		
Fruits (not fruit juice)			50.4	42.9	35.2	28.4	31.3	21.8	30.7	13.4	9.3	Decreased, 2008-2024	No quadratic change	Decreased		
Non-fried vegetables (not vegetable juice)			36.6	35.8	25.5	22.8	24.4	16.3	21.1	11.1	9.3	Decreased, 2008-2024	No quadratic change	No change		
Percentage of schools that do not sell expanded list of less healthy foods and beverages	28.8	23.7	35.1	42.3	58.5	73.8	71.1	72.4	81.4	81.5		Increased, 2006-2024	Increased, 2006-2016 Increased, 2016-2024	No change		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that have done any of the following during the current school year:														
Priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages			9.1	12.2	11.2	18.1	16.2	12.1	14.0	12.0	11.0	No linear change	Increased, 2008-2014 Decreased, 2014-2024	No change
Collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating			64.7	70.8	74.3	66.3	68.8	54.7	58.4	52.3	47.0	Decreased, 2008-2024	Increased, 2008-2012 Decreased, 2012-2024	Decreased
Provided information to students or families on the nutrition and caloric content of foods available			46.1	51.9	57.3	51.5	62.3	56.8	57.7	52.9	64.6	Increased, 2008-2024	No quadratic change	Increased
Conducted taste tests to determine food preferences for nutritious items			46.6	54.3	57.5	58.7	63.0	62.8	52.5	39.5	51.5	Decreased, 2008-2024	Increased, 2008-2016 Decreased, 2016-2024	Increased
Served locally or regionally grown foods in the cafeteria or classrooms					92.3	94.6	92.4	95.1	90.8	87.8	92.1	Decreased, 2012-2024	No quadratic change	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that have done any of the following during the current school year:														
Planted a school food or vegetable garden					64.7	73.3	75.1	76.9	69.7	70.4	70.2	No linear change	Increased, 2012-2016 Decreased, 2016-2024	No change
Placed fruits and vegetables near the cafeteria cashier, where they are easy to access					84.4	87.8	93.4	92.3	91.8	84.9	92.2	Increased, 2012-2024	Increased, 2012-2016 Decreased, 2016-2024	Increased
Used attractive displays for fruits and vegetables in the cafeteria					75.2	87.3	94.8	87.4	89.5	74.4	85.2	No linear change	Increased, 2012-2016 Decreased, 2016-2024	Increased
Offered a self-serve salad bar to students					67.9	79.9	86.2	83.0	90.2	49.9	82.7	No linear change	Increased, 2012-2016 Decreased, 2016-2024	Increased
Provided students with at least 20 minutes to eat lunch after they receive their meal										98.5	94.4	Decreased, 2022-2024	Not available	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that have done any of the following during the current school year:														
Encouraged students to drink plain water						86.0	92.5	89.4	92.3	92.2	92.3	Increased, 2014-2024	Increased, 2014-2018 Increased, 2018-2024	No change
Prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance						26.7	34.7	30.6	40.6	42.4	37.4	Increased, 2014-2024	Increased, 2014-2020 No change, 2020-2024	Decreased
Prohibited less nutritious foods and beverages (e.g., candy, baked goods) from being sold for fundraising purposes						25.0	47.2	42.7	38.3	45.3	33.5	Increased, 2014-2024	Increased, 2014-2018 Decreased, 2018-2024	Decreased
Percentage of schools that prohibit advertisements for candy, fast food restaurants, or soft drinks in the following locations:														
In school buildings			68.1	72.3	72.7	79.5	85.1	81.2	84.5	83.4	75.8	Increased, 2008-2024	Increased, 2008-2016 Decreased, 2016-2024	Decreased
On school grounds including on the outside of the school building, on playing fields, or other areas of the campus			64.7	63.4	71.9	75.5	78.5	76.6	81.8	83.3	72.7	Increased, 2008-2024	Increased, 2008-2020 Decreased, 2020-2024	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that prohibit advertisements for candy, fast food restaurants, or soft drinks in the following locations:														
On school buses or other vehicles used to transport students			68.8	71.1	73.2	75.7	80.1	77.2	84.5	84.9	74.0	Increased, 2008-2024	Increased, 2008-2020 Decreased, 2020-2024	Decreased
In school publications (e.g., newsletters, newspapers, web sites, other school publications)			69.7	73.4	72.4	74.6	82.2	78.7	82.1	82.4	73.2	Increased, 2008-2024	Increased, 2008-2020 Decreased, 2020-2024	Decreased
In curricula or other educational materials (including assignment books, school supplies, book covers, and electronic media)						72.0	79.1	78.5	76.4	83.1	73.9	Increased, 2014-2024	No change, 2014-2020 No change, 2020-2024	Decreased
Percentage of schools that permit students to have a drinking water bottle with them during the school day					100.0	97.5	98.5	100.0	100.0	99.2	99.2	Increased, 2012-2024	†	No change
Percentage of schools that permit students to have a drinking water bottle with them in either all locations or certain locations during the school day					100.0	97.5	98.5	100.0	100.0	99.2	99.2	Increased, 2012-2024	†	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that offer a free source of drinking water in the following locations:*																
Cafeteria during breakfast						87.8	90.9	93.2	91.7	95.1	96.1	Increased, 2014-2024	No quadratic change	No change		
Cafeteria during lunch						88.7	91.6	95.0	93.3	97.6	96.1	Increased, 2014-2024	No quadratic change	Decreased		
Gymnasium or other indoor physical activity facilities						95.2	93.9	94.3	96.7	96.2	94.3	No linear change	No quadratic change	Decreased		
Outdoor physical activity facilities and sports fields						53.8	60.5	57.2	62.9	62.4	57.5	Increased, 2014-2024	Increased, 2014-2020 Decreased, 2020-2024	Decreased		
Hallways throughout the school						97.5	97.8	96.9	100.0	99.3	100.0	Increased, 2014-2024	†	Increased		

* Among schools with that location.

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Health Services														
Percentage of schools that have a full-time registered nurse who provides health services to students			73.6	76.3	77.0	77.2	78.1	77.5	77.1	85.8	88.6	Increased, 2008-2024	No change, 2008-2020 Increased, 2020-2024	Increased
Percentage of schools that have a part-time registered nurse who provides health services to students							33.3	36.1	29.9	30.6	27.8	Decreased, 2016-2024	Not available	No change
Percentage of schools that have a school-based health center that offers health services to students							26.5	21.8	26.2	33.0	25.7	Increased, 2016-2024	Not available	Decreased
Percentage of schools that provide the following services to students:														
HIV testing					1.9	0.8	0.8	0.8	0.7	0.8	3.3	No linear change	No change, 2012-2020 Increased, 2020-2024	Increased
HIV treatment						1.6	0.8	3.1	0.7	1.7	4.9	Increased, 2014-2024	No change, 2014-2020 Increased, 2020-2024	Increased
STI testing						2.4	0.8	1.6	1.6	0.8	5.7	Increased, 2014-2024	No change, 2014-2020 Increased, 2020-2024	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that provide the following services to students:														
STI treatment						3.2	1.7	1.6	1.7	0.8	5.7	No linear change	No change, 2014-2020 Increased, 2020-2024	Increased
Pregnancy testing					5.2	9.5	3.8	4.3	8.3	6.4	13.4	Increased, 2012-2024	Decreased, 2012-2018 Increased, 2018-2024	Increased
Provision of condoms					5.3	12.7	7.5	12.6	24.2	68.5	85.9	Increased, 2012-2024	Increased, 2012-2020 Increased, 2020-2024	Increased
Provision of condom-compatible lubricants (i.e., water- or silicone-based)						3.2	4.7	2.7	6.3	16.0	26.0	Increased, 2014-2024	No change, 2014-2018 Increased, 2018-2024	Increased
Provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])					0.9	0.8	0.8	0.0	0.8	4.8	6.4	Increased, 2012-2024	†	Increased
Prenatal care					0.8	6.3	3.0	1.6	3.2	2.4	2.4	No linear change	No change, 2012-2018 No change, 2018-2024	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that provide the following services to students:														
Human papillomavirus (HPV) vaccine administration					0.7	2.4	1.5	4.1	3.9	0.0	3.2	Increased, 2012-2024	Increased, 2012-2018 Decreased, 2018-2024	Increased
Assessment for alcohol or other drug use, abuse, or dependency								47.4	49.0	39.9	51.2	No linear change	Not available	Increased
Daily medication administration for students with chronic health conditions (e.g., asthma, diabetes)								97.7	95.7	96.1	92.3	Decreased, 2018-2024	Not available	Decreased
Stock rescue or “as needed” medication for any student experiencing a health emergency (e.g., asthma episode, severe allergic reaction)								92.5	91.4	89.8	92.1	No linear change	Not available	Increased
Case management for students with chronic health conditions (e.g., asthma, diabetes)								88.0	89.4	88.1	89.1	No linear change	Not available	No change
Percentage of schools that provide sexual health services to students					100.0	19.0	9.0	17.2	27.0	68.5	87.5	Increased, 2012-2024	†	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:																
HIV testing					55.9	54.7	41.8	48.2	43.5	49.3	59.8	No linear change	Decreased, 2012-2020 Increased, 2020-2024	Increased		
HIV treatment						52.3	45.5	52.0	48.9	48.6	59.8	Increased, 2014-2024	No change, 2014-2020 Increased, 2020-2024	Increased		
nPEP (non-occupational post-exposure prophylaxis for HIV--a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)							45.9	49.1	44.5	46.3	59.0	Increased, 2016-2024	Not available	Increased		
PrEP (pre-exposure prophylaxis for HIV—medication taken daily to prevent HIV infection for those at substantial risk for HIV)									43.5	45.5	59.0	Increased, 2020-2024	Not available	Increased		
STI testing						53.1	43.6	48.3	47.0	54.7	62.2	Increased, 2014-2024	No change, 2014-2018 Increased, 2018-2024	Increased		
STI treatment						51.6	42.7	47.8	46.5	54.3	62.2	Increased, 2014-2024	No change, 2014-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:																
Pregnancy testing					58.1	52.5	47.2	48.3	47.6	56.2	63.1	Increased, 2012-2024	Decreased, 2012-2018 Increased, 2018-2024	Increased		
Provision of condoms					44.7	46.2	42.0	42.5	42.8	54.8	63.8	Increased, 2012-2024	No change, 2012-2020 Increased, 2020-2024	Increased		
Provision of condom-compatible lubricants (i.e., water- or silicone-based)						44.7	40.3	40.5	39.2	47.7	55.6	Increased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])					47.3	46.2	41.9	45.5	46.6	49.6	63.9	Increased, 2012-2024	No change, 2012-2020 Increased, 2020-2024	Increased		
Prenatal care					51.0	49.3	45.6	46.4	44.0	50.1	59.2	Increased, 2012-2024	Decreased, 2012-2020 Increased, 2020-2024	Increased		
Human papillomavirus (HPV) vaccine administration					52.9	47.7	47.9	52.2	50.5	51.7	63.6	Increased, 2012-2024	No change, 2012-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services:																
Alcohol or other drug abuse treatment								75.5	71.1	68.3	75.1	No linear change	Not available	Increased		
Tobacco-use cessation (e.g., individual or group counseling)										70.4	72.0	No linear change	Not available	No change		
Percentage of schools that provide health service referrals to students					100.0	57.9	52.2	55.8	56.0	64.0	71.9	Decreased, 2012-2024	†	Increased		
Percentage of schools that have a protocol that ensures students with a chronic condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs if eligible						73.9	76.1	72.4	73.7	67.3	72.4	Decreased, 2014-2024	No quadratic change	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

† Analysis cannot be conducted when prevalence estimates of 0% or 100% are present.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools that routinely use school records to identify and track students with a current diagnosis of the following chronic conditions:															
Asthma						97.6	95.6	96.7	98.2	94.3	98.5	No linear change	No change, 2014-2018 No change, 2018-2024	Increased	
Food allergies						96.8	96.3	96.7	98.2	95.9	97.7	No linear change	No quadratic change	Increased	
Diabetes						95.9	94.8	95.1	94.7	94.3	97.7	No linear change	No change, 2014-2020 Increased, 2020-2024	Increased	
Epilepsy or seizure disorder						96.7	94.8	95.1	93.2	92.7	96.1	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased	
Obesity						54.5	53.6	38.7	35.1	37.2	35.8	Decreased, 2014-2024	Decreased, 2014-2020 No change, 2020-2024	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that routinely use school records to identify and track students with a current diagnosis of the following chronic conditions:														
Hypertension/high blood pressure						76.3	75.6	73.7	60.4	66.9	69.8	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	No change
Oral health condition (e.g., abscess, tooth decay)								64.0	68.4	53.8	68.3	No linear change	Not available	Increased
Percentage of schools that provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have the following chronic conditions:														
Asthma						78.9	80.2	82.2	76.6	68.2	69.5	Decreased, 2014-2024	No change, 2014-2018 Decreased, 2018-2024	No change
Food allergies						78.0	80.7	81.4	73.4	68.5	68.7	Decreased, 2014-2024	No change, 2014-2018 Decreased, 2018-2024	No change
Diabetes						78.9	80.7	82.2	71.5	67.3	70.1	Decreased, 2014-2024	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have the following chronic conditions:														
Epilepsy or seizure disorder						78.9	79.1	81.4	70.6	68.1	68.5	Decreased, 2014-2024	No quadratic change	No change
Obesity						66.7	59.4	71.7	60.1	56.7	60.5	Decreased, 2014-2024	No quadratic change	Increased
Hypertension/high blood pressure						74.9	71.0	79.9	68.2	64.9	66.4	Decreased, 2014-2024	No quadratic change	No change
Oral health condition (e.g., abscess, tooth decay)								82.0	77.6	71.2	74.2	Decreased, 2018-2024	Not available	No change
Percentage of schools in which any staff received professional development on the following topics during the past two years:														
Basic sexual health overview including community-specific information about STI, HIV, and unplanned pregnancy rates and prevention strategies									52.9	56.3	68.8	Increased, 2020-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which any staff received professional development on the following topics during the past two years:														
Sexual health services that adolescents should receive									50.2	52.4	66.9	Increased, 2020-2024	Not available	Increased
Laws and policies related to adolescent sexual health services, such as minor consent for sexual health services									47.4	57.0	65.4	Increased, 2020-2024	Not available	Increased
Importance of maintaining student confidentiality for sexual health services									58.1	64.6	77.6	Increased, 2020-2024	Not available	Increased
How to create or use a student referral guide for sexual health services									28.5	28.6	47.2	Increased, 2020-2024	Not available	Increased
How to make successful referrals of students to sexual health services									35.2	30.2	49.6	Increased, 2020-2024	Not available	Increased
Best practices for adolescent sexual health services provision, such as making services youth-friendly									39.4	45.4	57.2	Increased, 2020-2024	Not available	Increased
Ensuring sexual health services are inclusive of lesbian, gay, bisexual, transgender, queer, and questioning (LGBTQ) students									48.5	53.5	67.7	Increased, 2020-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which any staff received professional development on all 8 sexual health services									25.1	23.8	40.8	Increased, 2020-2024	Not available	Increased
Percentage of schools that provide the following mental health programs or services to students:														
Universal mental health promotion programs (e.g., Positive Behavioral Interventions and Supports, Social-Emotional Learning programs or supports)										94.5	96.8	Increased, 2022-2024	Not available	Increased
Confidential mental health screening to identify students in need of services (e.g., students at risk of mental health disorders, students experiencing trauma)										88.5	86.0	Decreased, 2022-2024	Not available	Decreased
School-wide trauma-informed practices (i.e., efforts to ensure that all students, including those affected by trauma, are experiencing social, emotional, and educational success)										93.1	93.1	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Family and Community Involvement														
Percentage of schools that have done any of the following activities during the current school year:														
Provided parents with information to support parent-adolescent communication about sex									34.0	35.3	38.1	Increased, 2020-2024	Not available	No change
Provided parents with information to support parent-adolescent communication about topics other than sex									69.1	60.9	75.6	Increased, 2020-2024	Not available	Increased
Provided parents with information about how to monitor their teen						60.7	57.4	63.2	53.7	49.1	54.8	Decreased, 2014-2024	No quadratic change	Increased
Provided parents with information to support one-on-one time between adolescents and their health care providers									22.9	28.5	33.2	Increased, 2020-2024	Not available	Increased
Provided parents with information about physical education and physical activity programs									68.4	70.8	71.4	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that have done any of the following activities during the current school year:														
Involved parents as school volunteers in physical education or physical activity programs									39.7	27.9	48.6	Increased, 2020-2024	Not available	Increased
Linked parents and families to health services and programs in the community						84.9	82.6	86.2	86.0	86.6	85.8	No linear change	No quadratic change	No change
Provided disease-specific education for parents and families of students with chronic health conditions (e.g., asthma, diabetes)								67.5	62.8	57.0	60.4	Decreased, 2018-2024	Not available	No change
Provided parents with information about before- or after-school programs available in the community									79.5	81.1	88.2	Increased, 2020-2024	Not available	Increased
Percentage of schools that implement any of the following school-based positive youth development programs:														
Service-learning programs, that is, community service designed to meet specific learning objectives									57.8	51.8	53.6	Decreased, 2020-2024	Not available	No change
Mentoring programs, that is, programs in which family or community members serve as role models to students or mentor students									50.4	40.1	46.9	No linear change	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Principal Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools that connect students to any of the following community-based positive youth development programs:																
Service-learning programs, that is, community service designed to meet specific learning objectives									49.6	45.9	40.0	Decreased, 2020-2024	Not available	Decreased		
Mentoring programs, that is, programs in which family or community members serve as role models to students or mentor students									62.1	51.2	50.5	Decreased, 2020-2024	Not available	No change		
Percentage of schools with service-learning and mentoring programs									83.6	76.2	75.4	Decreased, 2020-2024	Not available	No change		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Required Health Education														
Percentage of schools that taught a required health education course in each of the following grades:*														
6th grade			61.6	56.8	53.8	62.3	72.2	64.7	74.6	68.3	80.2	Increased, 2008-2024	No quadratic change	Increased
7th grade			73.1	67.9	64.1	63.7	69.2	78.0	78.5	74.8	78.0	Increased, 2008-2024	Decreased, 2008-2012 Increased, 2012-2024	No change
8th grade			73.1	67.0	63.9	65.0	69.8	73.5	76.9	75.0	80.3	Increased, 2008-2024	Decreased, 2008-2012 Increased, 2012-2024	Increased

* The 2008-2024 results published here may differ slightly from the 2008-2024 results published in site reports. This is because the site reports excluded data from schools that do not contain the grade in the question. Because grade information is not available in a consistent format for all years, data from these schools are included in the trend analysis.

¹Based on trend analyses using a logistic regression model, $p < 0.05$.

²Based on t-test analysis, $p < 0.05$.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools that taught a required health education course in each of the following grades:*														
9th grade			68.0	51.3	52.2	53.8	63.5	70.6	61.4	68.3	80.3	Increased, 2008-2024	Decreased, 2008-2012 Increased, 2012-2024	Increased
10th grade			39.4	37.9	34.9	50.2	36.3	45.7	52.3	44.8	63.5	Increased, 2008-2024	Increased, 2008-2020 Increased, 2020-2024	Increased
11th grade			18.5	15.5	16.6	22.0	19.7	26.3	24.5	21.0	35.4	Increased, 2008-2024	No quadratic change	Increased
12th grade			23.8	15.5	14.7	21.8	17.7	26.5	27.2	19.8	33.8	Increased, 2008-2024	Decreased, 2008-2012 Increased, 2012-2024	Increased

* The 2008-2024 results published here may differ slightly from the 2008-2024 results published in site reports. This is because the site reports excluded data from schools that do not contain the grade in the question. Because grade information is not available in a consistent format for all years, data from these schools are included in the trend analysis.

¹Based on trend analyses using a logistic regression model, $p < 0.05$.

²Based on t-test analysis, $p < 0.05$.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which those who teach health education are provided with the following materials:																
Goals, objectives, and expected outcomes for health education			79.7	79.7	77.4	76.1	77.4	85.5	71.9	69.5	71.0	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	No change		
A chart describing the annual scope and sequence of instruction for health education			58.7	56.8	55.0	57.1	54.1	62.1	51.3	50.8	54.5	Decreased, 2008-2024	No quadratic change	Increased		
Plans for how to assess student performance in health education			55.3	55.5	61.0	58.4	55.2	65.7	55.6	54.8	55.3	No linear change	Increased, 2008-2018 Decreased, 2018-2024	No change		
A written health education curriculum			69.1	64.0	64.6	60.8	59.9	61.3	43.5	47.4	54.1	Decreased, 2008-2024	No quadratic change	Increased		
Written instructional competencies for health education teachers (i.e., the essential knowledge and skills teachers need to be effective educators)										60.4	58.5	No linear change	Not available	No change		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the health education curriculum addresses the following skills:														
Comprehending concepts related to health promotion and disease prevention to enhance health			88.3	94.2	91.7	91.1	87.9	93.0	90.8	92.2	91.3	No linear change	No quadratic change	No change
Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors			93.3	93.3	91.2	92.0	89.5	93.2	90.9	91.5	89.0	Decreased, 2008-2024	No quadratic change	Decreased
Accessing valid information and products and services to enhance health			82.6	83.8	85.5	88.8	83.1	89.8	87.2	88.5	87.3	Increased, 2008-2024	No quadratic change	No change
Using interpersonal communication skills to enhance health and avoid or reduce health risks			92.3	92.5	93.3	93.8	90.3	95.6	89.1	91.6	90.5	No linear change	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the health education curriculum addresses the following skills:														
Using decision-making skills to enhance health			90.5	92.4	93.3	93.7	91.1	94.8	93.6	93.0	87.3	No linear change	No change, 2008-2020 Decreased, 2020-2024	Decreased
Using goal-setting skills to enhance health			86.4	88.2	89.0	89.7	88.7	93.9	88.1	88.5	84.9	No linear change	Increased, 2008-2018 Decreased, 2018-2024	Decreased
Practicing health-enhancing behaviors to avoid or reduce risks			92.4	93.4	91.5	92.9	90.3	93.0	91.7	92.3	89.8	No linear change	No quadratic change	Decreased
Advocating for personal, family, and community health			81.5	85.1	82.8	82.6	84.7	88.7	85.5	88.0	86.5	Increased, 2008-2024	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which those who teach sexual health education are provided with each of the following materials:														
An approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction									59.1	57.5	58.0	No linear change	Not available	No change
A written health education curriculum that includes objectives and content addressing sexual health education						71.0	60.9	61.7	56.2	54.8	55.7	Decreased, 2014-2024	Decreased, 2014-2020 No change, 2020-2024	No change
Teacher pacing guides for sexual health education (i.e., schedules that regulate a teacher's pace of the unit or curriculum)									34.7	36.9	39.1	No linear change	Not available	No change
Teaching resources (e.g., lesson plans, handouts) to support sexual health education instruction									66.6	63.0	61.1	Decreased, 2020-2024	Not available	No change
Strategies that are age-appropriate, relevant, and actively engage students in learning						79.0	65.7	68.9	68.4	64.8	65.5	Decreased, 2014-2024	Decreased, 2014-2018 Decreased, 2018-2024	No change
Methods to assess student knowledge and skills related to sexual health education						73.3	54.6	68.7	60.4	55.4	58.3	Decreased, 2014-2024	Decreased, 2014-2020 No change, 2020-2024	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
The percentage of schools in which those who teach sexual health education are provided with all of the following materials									26.2	32.2	32.9	Increased, 2020-2024	Not available	No change	
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:															
Alcohol- or other drug-use prevention			93.2	96.7	93.4	92.4	90.9	93.7	95.5	95.4	91.8	No linear change	No quadratic change	Decreased	
Asthma			31.2	35.5	33.3	36.4	29.4	31.9	34.2	23.0	28.2	Decreased, 2008-2024	No change, 2008-2014 Decreased, 2014-2024	Increased	
Chronic disease prevention								72.8	79.1	78.7	72.0	67.9	Decreased, 2016-2024	Not available	Decreased
Epilepsy or seizure disorder						29.8	17.9	20.0	19.7	20.2	19.8	Decreased, 2014-2024	Decreased, 2014-2018 No change, 2018-2024	No change	
Food allergies						59.6	55.8	54.5	52.0	46.3	47.0	Decreased, 2014-2024	No quadratic change	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:														
Foodborne illness prevention			59.7	69.8	60.6	58.3	58.1	58.7	51.9	43.7	45.7	Decreased, 2008-2024	Decreased, 2008-2018 Decreased, 2018-2024	No change
Human immunodeficiency virus (HIV) prevention			81.5	86.5	83.1	83.1	87.0	78.9	87.3	84.4	83.7	No linear change	No quadratic change	No change
Human sexuality			84.6	90.8	88.1	86.7	86.9	88.8	93.0	94.5	92.3	Increased, 2008-2024	No quadratic change	Decreased
Infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention)					76.4	79.9	73.0	73.5	73.5	84.6	65.3	Decreased, 2012-2024	No quadratic change	Decreased
Injury prevention and safety			77.4	85.3	78.8	82.1	80.9	75.9	83.4	79.5	75.5	No linear change	No quadratic change	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:														
Mental and emotional health			87.4	89.9	92.5	88.0	89.4	92.2	92.9	97.7	97.6	Increased, 2008-2024	No change, 2008-2016 Increased, 2016-2024	No change
Nutrition and dietary behavior			95.1	96.6	92.1	94.7	91.3	92.5	95.3	91.9	91.1	Decreased, 2008-2024	No quadratic change	No change
Physical activity and fitness			97.9	99.2	99.0	97.2	95.2	97.5	97.3	97.5	96.7	Decreased, 2008-2024	No quadratic change	No change
Pregnancy prevention			76.8	77.4	77.7	79.2	80.4	79.0	86.8	88.6	91.3	Increased, 2008-2024	No change, 2008-2018 Increased, 2018-2024	Increased
Sexually transmitted infection (STI) prevention			79.7	83.9	81.3	81.9	87.0	83.8	89.1	90.3	89.6	Increased, 2008-2024	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:																
Sleep health (e.g., how much sleep students need, good sleeping habits)										76.6	80.4	Increased, 2022-2024	Not available	Increased		
Suicide prevention			67.7	73.4	76.8	76.0	71.6	82.3	81.8	83.3	83.6	Increased, 2008-2024	No quadratic change	No change		
Tobacco-use prevention or cessation			94.1	95.7	91.4	92.2	89.9	92.8	94.5	94.1	91.6	No linear change	No quadratic change	Decreased		
Violence prevention (e.g., bullying, fighting, dating violence prevention)			89.5	92.4	94.1	93.3	92.4	92.9	90.0	98.4	96.6	Increased, 2008-2024	No quadratic change	Decreased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught the following tobacco-use prevention or cessation topics in a required course for students in any of grades 6 through 12 during the current school year:														
Identifying tobacco products and the harmful substances they contain			89.5	84.5	86.0	88.1	82.8	87.8	87.3	80.8	85.5	Decreased, 2008-2024	No quadratic change	Increased
Identifying short- and long-term health consequences of tobacco product use			91.3	89.5	87.0	87.6	86.8	88.6	89.1	83.9	86.5	Decreased, 2008-2024	No quadratic change	Increased
Identifying social, economic, and cosmetic consequences of tobacco product use			84.4	78.3	82.6	86.1	78.7	85.9	85.5	72.9	79.8	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	Increased
Understanding the addictive nature of nicotine			91.3	87.1	85.5	87.6	86.1	89.5	89.1	83.0	88.1	No linear change	No quadratic change	Increased
Effects of nicotine on the adolescent brain							73.4	78.7	85.4	83.7	84.7	Increased, 2016-2024	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following tobacco-use prevention or cessation topics in a required course for students in any of grades 6 through 12 during the current school year:																
Effects of tobacco product use on athletic performance			76.7	80.0	80.5	79.8	73.5	74.3	80.0	76.4	77.5	No linear change	No quadratic change	No change		
Effects of second-hand smoke and benefits of a smoke-free environment			88.4	85.3	82.6	86.9	82.9	86.8	83.6	78.1	80.7	Decreased, 2008-2024	No quadratic change	No change		
Understanding the social influences on tobacco product use, including media, family, peers and culture			84.4	85.2	83.5	86.8	83.4	85.4	84.4	83.7	84.2	No linear change	No quadratic change	No change		
Identifying reasons why students do and do not use tobacco products			87.6	88.0	84.2	87.5	81.2	85.4	86.4	83.5	85.7	No linear change	No quadratic change	No change		
Making accurate assessments of how many peers use tobacco products			72.7	72.2	69.4	76.6	65.3	73.1	67.2	63.1	75.1	No linear change	No quadratic change	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught the following tobacco-use prevention or cessation topics in a required course for students in any of grades 6 through 12 during the current school year:														
Using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness)			84.5	81.9	81.4	87.6	83.5	86.8	80.9	76.0	83.0	Decreased, 2008-2024	No quadratic change	Increased
Using goal-setting and decision-making skills related to not using tobacco products			81.8	76.8	79.8	83.8	73.1	81.7	72.7	66.4	67.6	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	No change
Finding valid information and services related to tobacco-use prevention and cessation			67.7	63.2	67.5	73.2	66.1	74.2	70.9	69.3	78.1	Increased, 2008-2024	No quadratic change	Increased
Supporting others who abstain from or want to quit using tobacco products			65.4	67.7	62.6	75.1	67.2	66.7	67.8	68.1	71.3	No linear change	No quadratic change	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught the following tobacco-use prevention or cessation topics in a required course for students in any of grades 6 through 12 during the current school year:														
Identifying harmful effects of tobacco product use on fetal development			74.0	68.5	72.7	75.7	66.1	60.6	64.1	63.3	61.9	Decreased, 2008-2024	No quadratic change	No change
Relationship between using tobacco products and alcohol or other drugs						87.3	76.8	80.0	78.1	75.1	78.2	Decreased, 2014-2024	Decreased, 2014-2018 No change, 2018-2024	Increased
How addiction to tobacco products can be treated						77.6	70.1	73.6	74.5	67.3	76.6	No linear change	No change, 2014-2020 No change, 2020-2024	Increased
Understanding school policies and community laws related to the sale and use of tobacco products						78.3	73.4	68.6	77.3	72.3	79.0	No linear change	Decreased, 2014-2018 Increased, 2018-2024	Increased
Benefits of tobacco product cessation programs						62.2	58.2	56.5	58.8	57.5	59.9	No linear change	Decreased, 2014-2018 No change, 2018-2024	No change
Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year								36.1	36.1	37.7	43.6	Increased, 2018-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught about the following tobacco products in a required course for students in any of grades 6 through 12 during the current school year:														
Cigarettes									88.1	81.8	86.8	No linear change	Not available	Increased
Smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus, dissolvable tobacco)									81.4	78.9	81.9	No linear change	Not available	Increased
Cigars, little cigars, or cigarillos									62.1	60.5	65.9	No linear change	Not available	Increased
Pipes									54.9	53.1	60.0	Increased, 2020-2024	Not available	Increased
Electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL or Vuse)									89.9	86.3	87.7	No linear change	Not available	No change
Percentage of schools in which teachers taught each of the following alcohol- and other drug-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:														
Differences between proper use and abuse of over-the-counter medicines and prescription medicines									79.8	70.9	73.5	Decreased, 2020-2024	Not available	No change
Harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs									89.8	86.6	84.9	Decreased, 2020-2024	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught each of the following alcohol- and other drug-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:																
Situations that lead to the use of alcohol and other drugs									89.0	82.6	86.7	No linear change	Not available	Increased		
Alcohol and other drug use as an unhealthy way to manage weight									51.7	46.1	47.6	No linear change	Not available	No change		
Identifying reasons why individuals choose to use or not to use alcohol and other drugs									87.1	85.6	87.4	No linear change	Not available	No change		
Using interpersonal communication skills to avoid alcohol and other drug use (e.g., refusal skills, assertiveness)									88.1	82.6	84.8	Decreased, 2020-2024	Not available	No change		
Supporting others who abstain from or want to quit using alcohol and other drugs									72.2	70.6	75.9	No linear change	Not available	Increased		
Understanding the social influences on alcohol and other drug use, including media, family, peers, and culture									85.3	83.5	84.1	No linear change	Not available	No change		
How to persuade and support others to be alcohol and other drug free									76.6	72.0	75.0	No linear change	Not available	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																
How HIV and other STIs are transmitted			70.3	80.7	67.4	72.6	72.9	69.2	65.3	66.2	71.5	Decreased, 2008-2024	No quadratic change	Increased		
Health consequences of HIV, other STIs, and pregnancy			60.9	73.8	66.6	70.4	69.7	66.7	64.0	68.3	74.0	No linear change	No quadratic change	Increased		
The benefits of being sexually abstinent			69.9	80.1	69.4	71.0	72.4	67.8	68.5	70.1	75.2	No linear change	No quadratic change	Increased		
How to access valid and reliable health information, products, and services related to HIV, other STIs, and pregnancy			63.4	65.6	60.3	64.6	62.7	63.5	60.8	67.8	70.3	No linear change	No change, 2008-2020 Increased, 2020-2024	No change		
The influences of family, peers, media, technology, and other factors on sexual risk behaviors						71.8	71.7	68.6	66.3	67.2	71.7	No linear change	No change, 2014-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																
Communication and negotiation skills related to eliminating or reducing risk for HIV, other STIs, and pregnancy			66.0	67.6	67.8	69.8	64.1	65.2	55.4	60.9	71.2	No linear change	No quadratic change	Increased		
Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STIs, and pregnancy			65.1	61.3	65.2	67.6	57.9	56.0	55.4	58.1	59.0	Decreased, 2008-2024	No quadratic change	No change		
Influencing and supporting others to avoid or reduce sexual risk behaviors						64.0	59.2	59.4	55.4	54.7	63.7	No linear change	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Efficacy of condoms, that is, how well condoms work and do not work				61.2	60.2	59.4	58.7	53.1	50.3	62.6	71.1	No linear change	Decreased, 2010-2020 Increased, 2020-2024	Increased		
The importance of using condoms consistently and correctly				59.6	57.2	56.9	58.0	54.7	48.9	65.8	71.9	Increased, 2010-2024	Decreased, 2010-2020 Increased, 2020-2024	Increased		
How to obtain condoms				44.8	34.3	50.0	43.0	45.2	43.5	62.3	74.3	Increased, 2010-2024	No change, 2010-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:																
How to correctly use a condom				39.6	28.9	39.5	32.0	39.7	39.4	55.5	59.6	Increased, 2010-2024	No change, 2010-2016 Increased, 2016-2024	Increased		
Methods of contraception other than condoms						54.6	51.4	47.6	58.4	72.5	Increased, 2016-2024	Not available	Increased			
The importance of using a condom at the same time as another form of contraception to prevent both STIs and pregnancy				50.1	57.8	55.8	55.7	48.9	58.5	66.5	Increased, 2012-2024	No change, 2012-2020 Increased, 2020-2024	Increased			
How to create and sustain healthy and respectful relationships				75.4	80.3	77.1	78.0	71.5	83.6	78.7	No linear change	No quadratic change	Decreased			
The importance of limiting the number of sexual partners					63.8	59.7	62.9	54.1	54.5	62.4	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased			
Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health					58.2	50.6	51.3	52.7	63.2	64.7	Increased, 2014-2024	Decreased, 2014-2018 Increased, 2018-2024	No change			

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:														
How to communicate sexual consent between partners									60.9	73.9	77.8	Increased, 2020-2024	Not available	Increased
Recognizing and responding to sexual victimization and violence									52.0	74.3	65.5	Increased, 2020-2024	Not available	Decreased
Diversity of sexual orientations and gender identities									61.2	62.5	74.2	Increased, 2020-2024	Not available	Increased
How gender roles and stereotypes affect goals, decision making, and relationships									49.2	67.2	71.2	Increased, 2020-2024	Not available	Increased
The relationship between alcohol and other drug use and sexual risk behaviors								69.8	67.2	70.5	74.7	Increased, 2018-2024	Not available	Increased
Percentage of schools that taught all 22 HIV, other STI, and pregnancy prevention topics in any of grades 6, 7, or 8 during the current school year									24.8	25.5	31.4	Increased, 2020-2024	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
How HIV and other STIs are transmitted				94.2	92.8	98.1	94.0	98.2	93.5	94.6	95.8	No linear change	No quadratic change	No change		
Health consequences of HIV, other STIs, and pregnancy				91.9	95.0	96.4	96.0	98.2	93.5	94.6	93.6	No linear change	Increased, 2010-2018 Decreased, 2018-2024	No change		
The benefits of being sexually abstinent			97.7	94.2	92.9	98.1	96.0	98.2	93.2	94.6	95.8	No linear change	No quadratic change	No change		
How to access valid and reliable health information, products, and services related to HIV, other STIs, and pregnancy			97.7	94.2	90.7	98.1	96.0	96.3	88.8	96.4	95.8	No linear change	No quadratic change	No change		
The influences of family, peers, media, technology, and other factors on sexual risk behaviors						92.6	93.8	90.7	86.6	88.8	95.8	No linear change	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Communication and negotiation skills related to eliminating or reducing risk for HIV, other STIs, and pregnancy			95.6	86.3	90.2	93.9	94.2	94.5	86.6	92.6	97.8	No linear change	No change, 2008-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:																
Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STIs, and pregnancy			95.6	87.7	90.2	89.1	86.2	81.1	82.2	81.1	82.6	Decreased, 2008-2024	Decreased, 2008-2020 No change, 2020-2024	No change		
Influencing and supporting others to avoid or reduce sexual risk behaviors						88.6	92.0	88.4	86.7	84.5	83.0	Decreased, 2014-2024	No quadratic change	No change		
Efficacy of condoms, that is, how well condoms work and do not work			97.7	94.2	92.7	96.0	96.0	96.4	91.1	94.5	93.5	No linear change	No quadratic change	No change		
The importance of using condoms consistently and correctly			97.7	94.2	94.9	94.2	96.0	98.2	93.3	94.6	95.7	No linear change	No quadratic change	No change		
How to obtain condoms			93.6	90.4	88.2	92.3	94.0	94.7	88.8	96.2	93.5	No linear change	No quadratic change	Decreased		
How to correctly use a condom				88.4	87.9	92.2	91.9	88.9	91.1	88.8	95.7	Increased, 2010-2024	No quadratic change	Increased		
Methods of contraception other than condoms							95.8	96.4	93.3	92.8	95.7	No linear change	Not available	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:															
The importance of using a condom at the same time as another form of contraception to prevent both STIs and pregnancy					92.9	98.1	95.9	96.4	93.3	94.6	93.6	No linear change	No quadratic change	No change	
How to create and sustain healthy and respectful relationships					88.5	96.3	94.0	98.2	88.9	96.4	95.7	Increased, 2012-2024	No quadratic change	No change	
The importance of limiting the number of sexual partners						92.7	92.2	96.4	90.9	79.3	87.0	Decreased, 2014-2024	No quadratic change	Increased	
Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health						96.1	94.0	96.3	90.9	88.6	93.6	Decreased, 2014-2024	No quadratic change	Increased	
How to communicate sexual consent between partners										93.3	96.4	97.8	Increased, 2020-2024	Not available	No change
Recognizing and responding to sexual victimization and violence										91.1	88.8	93.5	No linear change	Not available	Increased
Diversity of sexual orientations and gender identities										84.4	92.6	91.3	Increased, 2020-2024	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:														
How gender roles and stereotypes affect goals, decision making, and relationships									77.7	73.5	82.2	No linear change	Not available	Increased
The relationship between alcohol and other drug use and sexual risk behaviors								92.9	93.3	92.6	93.5	No linear change	Not available	No change
Percentage of schools that taught all 22 HIV, other STI, and pregnancy prevention topics in any of grades 9, 10, 11, or 12 during the current school year									52.1	47.6	54.3	No linear change	Not available	Increased
The percentage of schools that taught all 3 of the SHS topics in grades 9, 10, 11, or 12					90.3	91.9	90.7	84.0	86.5	91.3		No linear change	No quadratic change	Increased
The percentage of schools that taught at least 11 of the following 22 sexual health topics in each grade span: grades 6, 7, or 8, and grades 9, 10, 11, or 12						100.0	100.0	100.0	100.0	100.0		§	Not available	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

§ Analysis cannot be conducted when response rates are 100% for a census or prevalence estimates are all 0% or 100%.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
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:																
Comprehend concepts important to prevent HIV, other STIs, and pregnancy						68.5	59.0	59.4	54.9	59.7	64.3	No linear change	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors						65.5	55.1	54.7	52.8	55.7	62.3	No linear change	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Access valid information, products, and services to prevent HIV, other STIs, and pregnancy						65.4	49.9	51.3	52.1	57.8	66.9	No linear change	Decreased, 2014-2018 Increased, 2018-2024	Increased		
Use interpersonal communication skills to avoid or reduce sexual risk behaviors						72.5	62.5	59.5	58.9	51.3	70.8	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased		
Use decision-making skills to prevent HIV, other STIs, and pregnancy						68.9	55.5	58.3	52.8	54.6	64.5	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
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:														
Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them						67.1	49.4	65.5	54.7	52.6	62.1	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased
Influence and support others to avoid or reduce sexual risk behaviors						60.1	50.9	54.7	47.9	48.1	61.7	No linear change	Decreased, 2014-2020 Increased, 2020-2024	Increased
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:														
Comprehend concepts important to prevent HIV, other STIs, and pregnancy						98.1	95.9	92.2	93.3	94.5	95.8	Decreased, 2014-2024	Decreased, 2014-2018 Increased, 2018-2024	No change
Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors						92.3	87.9	84.3	79.9	86.3	85.1	Decreased, 2014-2024	Decreased, 2014-2018 No change, 2018-2024	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
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:														
Access valid information, products, and services to prevent HIV, other STIs, and pregnancy						96.2	87.8	94.0	88.6	86.3	91.4	Decreased, 2014-2024	Decreased, 2014-2020 No change, 2020-2024	Increased
Use interpersonal communication skills to avoid or reduce sexual risk behaviors						92.2	83.8	88.1	91.1	94.3	91.6	Increased, 2014-2024	No change, 2014-2018 Increased, 2018-2024	No change
Use decision-making skills to prevent HIV, other STIs, and pregnancy						92.3	84.0	88.5	84.4	88.5	83.0	Decreased, 2014-2024	No quadratic change	Decreased
Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them						87.9	83.8	79.8	77.7	72.8	68.0	Decreased, 2014-2024	No quadratic change	No change
Influence and support others to avoid or reduce sexual risk behaviors						88.4	79.4	76.1	73.2	71.1	78.6	Decreased, 2014-2024	Decreased, 2014-2020 No change, 2020-2024	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
The percentage of schools that assess the ability of students to do 7 skills in a required course taught during grades 6, 7, or 8 and during grades 9, 10, 11, or 12						55.8	39.3	42.2	36.5	38.0	48.2	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased
Percentage of schools in which teachers provided students with the opportunity to practice the following skills in a required course for students in any of grades 6 through 12 during the current school year:														
Communication, decision-making, goal-setting, or refusal skills related to sexual health (e.g., through role playing)									71.5	74.7	76.2	Increased, 2020-2024	Not available	No change
Analyzing the influence of family, peers, culture, media, or technology on sexual health										74.9	72.1	No linear change	Not available	No change
Accessing valid sexual health information, products, and services									75.4	81.6	72.9	No linear change	Not available	Decreased
Percentage of schools in which teachers implemented the following inclusive practices when providing sexual health education in a required course for students in grades 6 through 12 during the current school year:*														
Encouraged use of gender-neutral pronouns such as “they/them” during instruction to recognize gender diversity among students									73.3	93.4	89.9	Increased, 2020-2024	Not available	Decreased

* Among schools that teach sexual health education.

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers implemented the following inclusive practices when providing sexual health education in a required course for students in grades 6 through 12 during the current school year:*														
Provided positive examples of lesbian, gay, bisexual, transgender, queer, or questioning (LGBTQ) people and same-sex or gender relationships (e.g., family, peer, or romantic)									77.3	87.7	88.0	Increased, 2020-2024	Not available	No change
Encouraged students to respect others' sexual and gender identities									89.5	98.3	97.3	Increased, 2020-2024	Not available	No change
Provided students with information about LGBTQ resources within the school (e.g., counseling services, student support groups like Gay/Straight Alliances or Genders and Sexualities Alliances)									76.6	80.0	82.3	Increased, 2020-2024	Not available	No change
Identified additional LGBTQ resources available in the community or online									66.8	78.5	81.5	Increased, 2020-2024	Not available	Increased

* Among schools that teach sexual health education.

¹Based on trend analyses using a logistic regression model, $p < 0.05$.

²Based on t-test analysis, $p < 0.05$.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught 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:														
Benefits of healthy eating			92.1	91.3	88.8	88.8	86.7	90.7	91.6	86.9	82.9	Decreased, 2008-2024	No quadratic change	Decreased
Benefits of drinking plenty of water						87.1	85.8	89.9	89.7	89.2	80.3	No linear change	Increased, 2014-2020 Decreased, 2020-2024	Decreased
Benefits of eating breakfast every day						88.0	83.5	87.4	87.9	83.0	75.9	Decreased, 2014-2024	No change, 2014-2020 Decreased, 2020-2024	Decreased
Food guidance using the current Dietary Guidelines for Americans (e.g., MyPlate, healthy eating patterns)						77.9	82.3	85.0	83.2	79.6	73.6	Decreased, 2014-2024	Increased, 2014-2018 Decreased, 2018-2024	Decreased
Using food labels			89.2	87.8	83.7	80.5	78.5	84.2	83.4	80.7	75.3	Decreased, 2008-2024	No quadratic change	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught 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:																
Differentiating between nutritious and non-nutritious beverages						84.2	80.8	87.4	86.1	79.0	73.6	Decreased, 2014-2024	No change, 2014-2020 Decreased, 2020-2024	Decreased		
Balancing food intake and physical activity			91.2	89.6	88.0	85.1	82.3	86.7	89.7	80.6	73.4	Decreased, 2008-2024	No quadratic change	Decreased		
Eating more fruits, vegetables, and whole grain products			91.2	90.4	88.1	83.7	83.7	89.8	91.5	86.2	78.0	Decreased, 2008-2024	No quadratic change	Decreased		
Choosing a variety of options within each food group										82.2	74.5	Decreased, 2022-2024	Not available	Decreased		
Choosing nutrient-dense foods and beverages that reflect personal preferences, culture, and budget										78.6	68.7	Decreased, 2022-2024	Not available	Decreased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught 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:																
Choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat)			88.2	89.5	86.5	80.0	78.6	85.2	79.4	73.1	70.3	Decreased, 2008-2024	No quadratic change	No change		
Choosing foods, snacks, and beverages that are low in added sugars						82.6	79.3	86.7	85.0	79.4	75.1	Decreased, 2014-2024	Increased, 2014-2020 Decreased, 2020-2024	Decreased		
Choosing foods and snacks that are low in sodium						78.3	74.0	80.2	70.2	69.2	63.9	Decreased, 2014-2024	No change, 2014-2018 Decreased, 2018-2024	Decreased		
Eating a variety of foods that are high in calcium						73.4	76.0	79.6	70.0	69.1	61.5	Decreased, 2014-2024	Increased, 2014-2018 Decreased, 2018-2024	Decreased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which teachers taught 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:															
Eating a variety of foods that are high in iron						68.7	67.7	74.6	63.4	63.7	59.8	Decreased, 2014-2024	Increased, 2014-2018 Decreased, 2018-2024	Decreased	
Food safety			71.7	69.5	72.6	68.8	68.5	71.2	63.8	59.5	57.3	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	No change	
Preparing healthy meals and snacks			80.7	78.0	76.2	73.3	70.1	70.8	73.8	70.4	62.4	Decreased, 2008-2024	No quadratic change	Decreased	
Risks of unhealthy weight control practices			83.1	78.8	81.1	75.6	72.4	74.7	75.9	70.0	58.1	Decreased, 2008-2024	No quadratic change	Decreased	
Accepting body size differences			84.1	79.1	84.3	80.8	73.6	76.1	76.8	77.6	68.3	Decreased, 2008-2024	No quadratic change	Decreased	
Signs, symptoms, and treatment for eating disorders			74.1	67.1	70.8	71.0	65.3	68.5	68.5	68.5	64.9	Decreased, 2008-2024	No quadratic change	Decreased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught 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:														
Relationship between diet and chronic diseases						75.6	65.5	77.7	74.7	71.1	61.5	Decreased, 2014-2024	No change, 2014-2020 Decreased, 2020-2024	Decreased
Finding valid information about nutrition (e.g., differentiating between advertising and factual information)										74.4	71.8	No linear change	Not available	No change
Food production, including how food is grown, harvested, processed, packaged, and transported								65.1	56.9	60.0	52.3	Decreased, 2018-2024	Not available	Decreased
Percentage of schools that taught all 23 nutrition and dietary behavior topics during the current school year										36.3	32.5	Decreased, 2022-2024	Not available	Decreased
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:														
Short-term and long-term benefits of physical activity, including reducing the risks for chronic disease						89.5	91.3	93.1	91.6	86.9	89.4	No linear change	Increased, 2014-2018 Decreased, 2018-2024	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:																
Mental and social benefits of physical activity						91.1	91.3	95.7	92.5	91.6	93.8	No linear change	No quadratic change	Increased		
Health-related fitness (i.e., cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition)			92.0	96.6	92.6	89.5	92.8	95.7	92.5	87.0	86.6	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	No change		
Phases of a workout (i.e., warm-up, workout, cool down)			86.0	93.7	88.0	89.2	88.2	89.9	84.8	82.8	79.7	Decreased, 2008-2024	No change, 2008-2018 Decreased, 2018-2024	Decreased		
Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity						84.7	87.5	88.3	82.0	84.5	78.5	Decreased, 2014-2024	No change, 2014-2018 Decreased, 2018-2024	Decreased		
Decreasing sedentary activities (e.g., television viewing)			85.6	87.3	87.7	89.8	92.8	94.0	86.7	83.8	87.5	No linear change	Increased, 2008-2016 Decreased, 2016-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:															
Preventing injury during physical activity			88.0	86.4	83.6	88.1	87.5	93.2	88.7	83.2	81.4	No linear change	Increased, 2008-2018 Decreased, 2018-2024	No change	
Weather-related safety (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active)			79.3	77.4	79.0	74.7	74.1	73.5	65.1	68.5	69.5	Decreased, 2008-2024	No quadratic change	No change	
Dangers of using performance-enhancing drugs (e.g., steroids)			74.0	85.0	75.2	75.0	75.4	75.1	66.9	61.5	72.8	Decreased, 2008-2024	No quadratic change	Increased	
Increasing daily physical activity						93.7	92.0	94.8	91.5	91.7	91.2	Decreased, 2014-2024	No quadratic change	No change	
Incorporating physical activity into daily life (without relying on a structured exercise plan or special equipment)						89.7	90.5	94.0	88.7	90.9	87.6	No linear change	Increased, 2014-2018 Decreased, 2018-2024	Decreased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught the following physical activity topics in a required course for students in any of grades 6 through 12 during the current school year:																
Using safety equipment for specific physical activities						87.3	83.6	85.7	77.5	80.6	78.4	Decreased, 2014-2024	No quadratic change	No change		
Benefits of drinking water before, during, and after physical activity						92.0	91.3	94.1	88.6	88.7	88.5	Decreased, 2014-2024	No quadratic change	No change		
Percentage of schools that taught all 13 physical activity topics during the current school year						58.0	58.2	59.9	45.1	45.8	58.1	Decreased, 2014-2024	Decreased, 2014-2020 Increased, 2020-2024	Increased		
The percentage of schools in which school staff received professional development on classroom management techniques		58.2	49.8	51.9	50.9	56.1	52.6	55.7	62.8	51.6	53.5	No linear change	No quadratic change	No change		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught each of the following mental and emotional health topics in a required course for students in any of grades 6 through 12 during the current school year:																
Identifying and labeling emotions										90.9	87.1	Decreased, 2022-2024	Not available	Decreased		
How to express feelings in a healthy way										96.1	92.3	Decreased, 2022-2024	Not available	Decreased		
The importance of engaging in activities that are mentally and emotionally healthy										95.3	94.0	No linear change	Not available	No change		
How to manage interpersonal conflict in healthy ways										94.5	91.5	Decreased, 2022-2024	Not available	Decreased		
How to prevent and manage emotional stress and anxiety in healthy ways										95.4	94.9	No linear change	Not available	No change		
How to use self-control and impulse control strategies to promote health (e.g., goal setting and tracking, breathing techniques)										91.0	90.4	No linear change	Not available	No change		
How to get help for troublesome thoughts, feelings, or actions for oneself and others										92.3	90.5	No linear change	Not available	No change		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
Percentage of schools in which teachers taught each of the following mental and emotional health topics in a required course for students in any of grades 6 through 12 during the current school year:																
Value of individual differences (e.g., culture, ethnicity, ability)										87.5	89.8	Increased, 2022-2024	Not available	Increased		
How to establish and maintain healthy relationships										94.6	94.0	No linear change	Not available	No change		
Importance of habits (e.g., exercise, healthy eating, meditation, mindfulness) that promote mental well-being										93.0	94.1	No linear change	Not available	No change		
Percentage of schools that taught all 10 mental and emotional health topics during the current school year										77.1	79.8	No linear change	Not available	No change		
Percentage of schools in which teachers taught each of the following violence prevention topics in a required course for students in any of grades 6 through 12 during the current school year:																
Building empathy (e.g., identification with and understanding of another person's feelings)										93.6	86.2	Decreased, 2022-2024	Not available	Decreased		
Perspective taking (e.g., taking another person's point of view)										82.6	82.0	No linear change	Not available	No change		
Strategies for being a positive bystander (e.g., safely de-escalating, preventing, or stopping bullying and harassment)										92.8	87.0	Decreased, 2022-2024	Not available	Decreased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which teachers taught each of the following violence prevention topics in a required course for students in any of grades 6 through 12 during the current school year														
Describing how stigma, bias, and prejudice can lead to stereotypes, discrimination, and violence										88.1	85.2	Decreased, 2022-2024	Not available	Decreased
Identifying the signs and symptoms of when someone may be thinking of hurting themselves										87.4	83.5	Decreased, 2022-2024	Not available	Decreased
Getting help to prevent or stop violence (including inappropriate touching, harassment, abuse, bullying, hazing, fighting, and hate crimes)										90.4	90.5	No linear change	Not available	No change
Getting help for self or others who are in danger of hurting themselves										92.2	87.0	Decreased, 2022-2024	Not available	Decreased
Percentage of schools that taught all 7 violence prevention topics during the current school year										68.9	71.3	No linear change	Not available	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Parent and Family Involvement														
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:														
Alcohol- or other drug-use prevention							39.8	42.8	40.3	41.0	42.3	No linear change	Not available	No change
Asthma			20.9	22.6	15.8	20.1	19.3	21.9	12.8	18.5	17.6	Decreased, 2008-2024	No quadratic change	No change
Chronic disease prevention (e.g., diabetes, obesity prevention)										28.4	24.7	Decreased, 2022-2024	Not available	Decreased
Food allergies						38.8	30.9	36.5	27.4	27.2	29.0	Decreased, 2014-2024	No quadratic change	No change
HIV, other STI, or pregnancy prevention			21.1	18.7	19.7	21.0	22.9	29.1	21.2	32.9	25.4	Increased, 2008-2024	No quadratic change	Decreased
Nutrition and healthy eating			56.8	43.6	43.1	48.8	41.9	47.7	39.4	39.0	38.7	Decreased, 2008-2024	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
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:														
Physical activity			46.2	45.1	37.4	41.7	33.8	41.3	40.1	35.6	38.1	Decreased, 2008-2024	Decreased, 2008-2016 No change, 2016-2024	No change
Preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)						76.4	64.8	73.5	54.0	54.9	52.7	Decreased, 2014-2024	No quadratic change	No change
Tobacco-use prevention or cessation			41.2	44.5	39.2	47.7	37.3	46.0	50.9	38.2	42.3	No linear change	No quadratic change	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Professional Development														
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:														
Alcohol- or other drug-use prevention		67.2	52.8	53.4	48.3	56.2	54.8	51.1	58.5	35.7	46.3	Decreased, 2006-2024	No quadratic change	Increased
Asthma		22.5	27.1	23.7	22.1	32.5	15.1	16.2	19.7	12.1	20.3	Decreased, 2006-2024	No quadratic change	Increased
Chronic disease prevention (e.g., diabetes, obesity prevention)							25.4	24.4	28.3	21.3	27.9	No linear change	Not available	Increased
Epilepsy or seizure disorder						24.1	17.7	13.5	20.3	11.3	20.6	Decreased, 2014-2024	Decreased, 2014-2018 Increased, 2018-2024	Increased
Food allergies						35.4	29.2	20.9	27.3	17.6	29.8	Decreased, 2014-2024	Decreased, 2014-2018 Increased, 2018-2024	Increased
Foodborne illness prevention		19.3	19.4	18.1	13.9	19.8	14.6	11.3	13.6	15.1	20.7	Decreased, 2006-2024	Decreased, 2006-2020 Increased, 2020-2024	Increased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
HIV prevention		44.2	52.3	31.9	31.1	29.5	39.0	39.6	31.7	30.0	33.9	Decreased, 2006-2024	Decreased, 2006-2010 No change, 2010-2024	Increased	
Human sexuality		40.6	47.6	33.0	36.6	41.2	47.4	56.2	58.8	55.7	47.6	Increased, 2006-2024	No quadratic change	Decreased	
Infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention)					34.3	38.9	35.4	31.1	30.5	55.0	47.5	Increased, 2012-2024	No change, 2012-2018 Increased, 2018-2024	Decreased	
Injury prevention and safety		28.3	38.7	38.4	45.0	49.6	41.6	41.1	38.1	34.6	44.0	Increased, 2006-2024	Increased, 2006-2012 Decreased, 2012-2024	Increased	
Mental and emotional health		42.6	53.9	57.7	56.5	69.2	67.3	72.2	77.5	66.2	71.1	Increased, 2006-2024	Increased, 2006-2018 Decreased, 2018-2024	Increased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
Nutrition and dietary behavior	46.4	53.7	46.0	41.5	42.7	34.2	36.4	41.8	26.0	36.5	Decreased, 2006-2024	No quadratic change	Increased		
Physical activity and fitness	45.6	53.5	58.5	46.9	47.8	53.9	51.5	53.9	31.6	44.0	Decreased, 2006-2024	No change, 2006-2016 Decreased, 2016-2024	Increased		
Pregnancy prevention	28.0	36.7	21.2	22.3	21.9	29.0	36.6	30.2	31.3	33.6	Increased, 2006-2024	Decreased, 2006-2010 Increased, 2010-2024	No change		
STI prevention	37.9	47.0	28.3	24.8	28.4	32.8	38.7	36.7	39.6	36.8	No linear change	Decreased, 2006-2012 Increased, 2012-2024	No change		
Sleep health (e.g., how much sleep students need, good sleep habits)									17.5	27.2	Increased, 2022-2024	Not available	Increased		
Suicide prevention	24.2	29.6	33.9	46.5	54.1	45.8	43.3	50.4	35.7	46.1	Increased, 2006-2024	Increased, 2006-2014 Decreased, 2014-2024	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:														
Tobacco-use prevention or cessation	43.0	35.8	31.2	29.8	35.6	33.4	36.8	50.4	27.6	36.1	No linear change	Decreased, 2006-2010 Increased, 2010-2024	Increased	
Violence prevention (e.g., bullying, fighting, dating violence prevention)	70.1	70.2	52.0	65.9	71.6	59.1	54.5	52.2	34.2	47.9	Decreased, 2006-2024	No change, 2006-2014 Decreased, 2014-2024	Increased	
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:														
Teaching students with physical, medical, or cognitive disabilities	52.2	39.5	40.0	36.2	47.0	48.2	44.1	53.1	43.1	51.3	Increased, 2006-2024	Decreased, 2006-2010 Increased, 2010-2024	Increased	
Teaching students of various racial/ethnic and cultural backgrounds	24.4	19.4	17.4	18.9	23.3	29.8	32.4	51.4	63.2	65.8	Increased, 2006-2024	Decreased, 2006-2010 Increased, 2010-2024	No change	
Teaching English language learners (ELL)	13.0	11.8	7.7	7.5	12.5	12.3	14.9	12.8	19.2	31.8	Increased, 2006-2024	No change, 2006-2020 Increased, 2020-2024	Increased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:															
How to support lesbian, gay, bisexual, transgender, queer, and questioning (LGBTQ) students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBTQ resources within the school)									77.4	67.3	63.5	Decreased, 2020-2024	Not available	Decreased	
Using interactive teaching methods (e.g., role plays, cooperative group activities)	54.8	53.9	52.8	29.5	51.6	55.7	50.8	55.9	39.9	50.0		No linear change	No quadratic change	Increased	
Encouraging family or community involvement	38.2	29.6	24.6	53.5	37.7	40.3	33.5	38.3	30.6	35.0		No linear change	Increased, 2006-2012 Decreased, 2012-2024	Increased	
Teaching skills for behavior change	54.9	49.2	45.7	40.1	49.1	46.3	55.7	58.7	45.4	42.4		No linear change	No quadratic change	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:														
Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	58.2	49.8	51.9	50.9	56.1	52.6	55.7	62.8	51.6	53.5	No linear change	No quadratic change	No change	
Assessing student performance in health education									30.5	29.3	No linear change	Not available	No change	
Percentage of schools in which the lead health education teacher received professional development on the following topics related to teaching sexual health education:														
Aligning lessons and materials with the district scope and sequence for sexual health education						41.2	43.7	37.1	33.9	32.7	Decreased, 2016-2024	Not available	No change	
Creating a comfortable and safe learning environment for students receiving sexual health education						41.3	49.6	44.9	48.0	37.8	No linear change	Not available	Decreased	
Connecting students to on-site or community-based sexual health services						27.5	28.0	30.5	28.6	29.8	No linear change	Not available	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher received professional development on the following topics related to teaching sexual health education:														
Using a variety of effective instructional strategies to deliver sexual health education						36.7	48.7	45.2	43.5	38.7	No linear change	Not available	Decreased	
Building student skills in HIV, other STI, and pregnancy prevention						35.9	38.3	38.1	39.5	36.9	No linear change	Not available	No change	
Assessing student knowledge and skills in sexual health education						34.5	42.0	38.1	31.1	32.5	Decreased, 2016-2024	Not available	No change	
Understanding current district or school board policies or curriculum guidance regarding sexual health education						25.9	35.0	21.2	27.1	29.0	No linear change	Not available	No change	
Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students								36.1	35.3	34.3	No linear change	Not available	No change	
Engaging parents in sexual health education								19.3	18.9	18.3	No linear change	Not available	No change	
Delivering virtual or eLearning sexual health education instruction									21.6	16.6	Decreased, 2022-2024	Not available	Decreased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Alcohol- or other drug-use prevention		53.7	58.5	61.2	58.3	64.9	69.3	65.4	67.1	73.0	67.0	Increased, 2006-2024	No quadratic change	Decreased
Asthma		33.0	46.2	37.7	39.5	41.4	38.3	27.1	37.7	37.0	29.2	Decreased, 2006-2024	No change, 2006-2010 Decreased, 2010-2024	Decreased
Chronic disease prevention (e.g., diabetes, obesity prevention)							54.0	45.8	48.8	52.6	47.3	No linear change	Not available	Decreased
Epilepsy or seizure disorder						35.9	38.6	31.0	44.6	35.4	34.2	No linear change	No quadratic change	No change
Food allergies						45.0	43.3	31.9	42.7	42.0	35.7	Decreased, 2014-2024	No quadratic change	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Foodborne illness prevention		36.4	35.2	35.4	34.7	37.6	33.0	26.1	40.9	31.7	29.3	Decreased, 2006-2024	No quadratic change	No change
HIV prevention		46.2	57.8	51.5	53.0	56.8	56.8	45.2	57.8	41.4	44.7	Decreased, 2006-2024	Increased, 2006-2016 Decreased, 2016-2024	No change
Human sexuality		47.5	69.8	61.1	57.1	67.1	72.4	71.7	74.2	63.6	58.8	Increased, 2006-2024	Increased, 2006-2020 Decreased, 2020-2024	Decreased
Infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention)					35.4	35.8	45.7	38.3	47.4	40.8	28.8	No linear change	Increased, 2012-2020 Decreased, 2020-2024	Decreased
Injury prevention and safety		42.0	47.0	44.2	42.7	38.3	47.6	46.1	45.6	44.0	41.4	No linear change	No quadratic change	No change

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Mental and emotional health	61.4	66.1	67.6	73.2	66.2	76.1	81.6	82.7	81.3	66.6	Increased, 2006-2024	Increased, 2006-2020 Decreased, 2020-2024	Decreased	
Nutrition and dietary behavior	64.9	56.3	61.0	58.8	58.8	60.0	60.1	66.5	65.3	57.1	No linear change	No quadratic change	Decreased	
Physical activity and fitness	50.9	41.2	46.7	48.4	40.7	43.0	50.1	48.9	48.7	42.8	No linear change	No quadratic change	Decreased	
Pregnancy prevention	46.6	64.3	54.1	51.2	47.0	56.9	50.0	56.3	48.0	49.6	No linear change	No quadratic change	No change	
STI prevention	47.9	67.0	55.0	58.2	57.7	60.0	53.6	55.9	55.0	54.0	No linear change	Increased, 2006-2010 No change, 2010-2024	No change	
Sleep health (e.g., how much sleep students need, good sleep habits)										50.4	46.1	Decreased, 2022-2024	Not available	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Suicide prevention	64.4	67.0	65.8	65.1	59.5	68.2	70.3	70.8	70.8	65.8	Increased, 2006-2024	No quadratic change	Decreased	
Tobacco-use prevention or cessation	45.1	46.9	47.6	46.8	46.2	53.1	47.4	61.5	61.6	51.0	Increased, 2006-2024	No quadratic change	Decreased	
Violence prevention (e.g., bullying, fighting, dating violence prevention)	58.7	64.2	60.8	61.3	64.8	68.5	66.1	73.3	73.8	61.3	Increased, 2006-2024	Increased, 2006-2020 Decreased, 2020-2024	Decreased	
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Teaching students with physical, medical, or cognitive disabilities	54.1	53.9	48.0	56.8	57.7	65.9	66.1	68.4	64.4	72.0	Increased, 2006-2024	No quadratic change	Increased	
Teaching students of various racial/ethnic and cultural backgrounds	44.7	47.2	39.0	47.5	50.6	56.9	57.7	63.8	66.3	66.7	Increased, 2006-2024	Increased, 2006-2020 No change, 2020-2024	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Teaching English language learners (ELL)	34.3	41.4	34.3	41.4	45.3	40.6	43.0	48.9	51.0	53.6	Increased, 2006-2024	No quadratic change	No change	
How to support lesbian, gay, bisexual, transgender, queer and questioning (LGBTQ) students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBTQ resources within the school)								73.8	78.8	64.8	Decreased, 2020-2024	Not available	Decreased	
Using interactive teaching methods (e.g., role plays, cooperative group activities)	54.8	54.7	62.7	66.1	59.0	64.3	68.5	72.8	71.0	67.2	Increased, 2006-2024	No quadratic change	Decreased	
Encouraging family or community involvement	61.7	64.3	70.3	57.7	62.1	76.1	69.5	71.4	76.6	73.5	Increased, 2006-2024	No quadratic change	Decreased	
Teaching skills for behavior change	68.8	78.7	73.3	70.2	75.2	75.2	76.2	73.0	71.5	73.6	No linear change	No quadratic change	No change	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024			
Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:														
Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)	52.4	60.3	55.6	55.3	59.8	60.7	64.3	59.7	61.6	62.6		Increased, 2006-2024	No quadratic change	No change
Assessing student performance in health education									65.6	64.8		No linear change	Not available	No change
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:														
Aligning lessons and materials with the district scope and sequence for sexual health education						66.0	65.8	63.7	59.3	60.6		Decreased, 2016-2024	Not available	No change
Creating a comfortable and safe learning environment for students receiving sexual health education						59.8	58.5	60.0	59.8	58.9		No linear change	Not available	No change
Connecting students to on-site or community-based sexual health services						56.9	62.9	63.8	58.8	55.2		No linear change	Not available	Decreased

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²		
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024					
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:																
Using a variety of effective instructional strategies to deliver sexual health education							73.0	69.6	70.9	74.6	67.4	No linear change	Not available	Decreased		
Building student skills in HIV, other STI, and pregnancy prevention							64.6	64.5	63.4	61.3	62.2	No linear change	Not available	No change		
Assessing student knowledge and skills in sexual health education							73.9	71.7	70.6	72.3	65.3	Decreased, 2016-2024	Not available	Decreased		
Understanding current district or school board policies or curriculum guidance regarding sexual health education							64.6	59.6	58.7	59.7	55.3	Decreased, 2016-2024	Not available	Decreased		
Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students									71.1	71.5	69.1	No linear change	Not available	No change		
Engaging parents in sexual health education									72.8	67.7	71.5	No linear change	Not available	Increased		
Delivering virtual or eLearning sexual health education instruction										53.6	58.6	Increased, 2022-2024	Not available	Increased		

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.

VERMONT

2024 School Health Profiles Report
Trend Analysis Report - Lead Health Education Teacher Survey

	Prevalence											Linear Change ¹	Quadratic Change ¹	2022-2024 Change ²	
	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2024				
Professional Certificate															
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		62.7	62.3	60.6	63.2	63.2	66.5	73.2	77.4	74.3	62.6	Increased, 2006-2024	No quadratic change	Decreased	

¹Based on trend analyses using a logistic regression model, p < 0.05.

²Based on t-test analysis, p < 0.05.