

**Results of the 2017 Hawai'i State and Counties
Youth Risk Behavior Surveys (YRBS) and
Cross-Year and National Comparisons**

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September 2018

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This report was funded by the Hawai‘i State Department of Health Healthy Hawai‘i Initiative and Substance Abuse Block Grant, and the Hawai‘i State Department of Education Centers for Disease Control and Prevention Cooperative Agreement Grant No. 6 NU87PS004230–05–03.

Acknowledgments

The production of this report was made possible by collaboration among the Hawaii Department of Education (HIDOE); the Hawai'i Department of Health (HDOH); the University of Hawai'i; the Division of Adolescent and School Health, Centers for Disease Control and Prevention (CDC-DASH); and Westat. Gratitude is especially extended to the individuals listed below (positions are as of 2017) for their contribution towards developing and producing this report.

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Results of the 2017 Hawai‘i State and Counties Youth Risk Behavior Surveys (YRBS) and Cross-Year and National Comparisons

Background

The Hawai‘i School Youth Risk Behavior Survey (YRBS) is a module of the Hawai‘i School Health Survey¹ administered in odd-numbered years to Hawai‘i public school students in grades 6–12. The YRBS is part of the Youth Risk Behavior Surveillance System (YRBSS) developed by the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC) in 1990 to monitor priority behaviors that contribute to the leading causes of morbidity and mortality among youth and young adults:

- behaviors that contribute to unintentional injuries and violence;
- sexual behaviors related to unintended pregnancy and sexually transmitted infections, including HIV infection;
- alcohol and other drug use;
- tobacco use;
- unhealthy dietary behaviors; and
- inadequate physical activity.

The YRBSS also monitors the prevalence of obesity and asthma and other priority health-related behaviors. More information about the YRBSS can be obtained from <http://www.cdc.gov/healthyyouth/data/yrbs/index.htm>.

The YRBSS includes a national high school-based survey conducted by the CDC and state, territorial, tribal, and local surveys conducted by state, territorial, and tribal governments as well as local education and health agencies. It has been conducted primarily during the spring in odd-numbered years since 1991. In 2017, 46 states, three territories, three tribal governments, and 21 large urban school districts participated in the high school YRBS.

The CDC does not conduct a national middle school survey but provided support for the 15 states, three territories, two tribal government, and 11 large urban school districts that conducted a 2017 middle school YRBS.

The Hawai‘i High School YRBS (hereafter referred to as high school HYRBS) was conducted in odd-numbered years during the spring from 1991 to 1999 and in 2007, 2009, and 2013 to 2017 and during the fall from 2001 through 2005. The 2011 high school HYRBS was conducted in fall 2010 for Kaua‘i and Maui county schools as part of the Communities Putting Prevention to Work (CPPW) project and in spring 2011 for Hawai‘i and Honolulu county

¹ Coordinated effort between the Hawai‘i Departments of Education and Health, University of Hawai‘i, and partners to monitor the health status and needs of public school students in grades 6–12. In 2017 the other module was the Hawai‘i Youth Tobacco Survey.

schools; the same protocols and survey instrument were used. The data from the four counties were combined for this 2017 state-level high school HYRBS report.

A similar survey of Hawai‘i middle and intermediate school students (hereafter referred to as middle school HYRBS) has been conducted since 1997 in conjunction with the high school version except for 2011 when it was conducted during spring for all counties. The 2017 middle school HYRBS was again conducted during spring for the four counties, and the data were combined for this statewide report.

There were 63 CDC-developed questions in the 2017 High School and 33 CDC-developed questions in the 2017 Middle School Hawai‘i YRBS. Additionally, we added Hawai‘i-specific items, 36 for high school and 53 for middle school, covering local variations on the same topics and other health-related topics of local interest, such as access to mentor-like relationships, medical check-ups, and post high school plans. See Appendix A for the high school questionnaire and Appendix B for the middle school questionnaire.

The weighted² results of the 2017 Hawai‘i YRBS (overall results are in Tables 1 and 2), conducted in compliance with the requirements of the Hawaii State Department of Education’s cooperative agreement with the Division of Adolescent and School Health, CDC, and largely funded by the Hawai‘i Department of Health and the Substance Abuse Prevention and Treatment Block Grant, will be used to

- identify focus areas for curriculum development and teacher training,
- identify focus areas for prevention and treatment efforts and resources,
- identify behaviors of Hawai‘i public school students in grades 6–12 and assess their trends,
- measure progress toward achieving the national health objectives of Healthy People 2020 and other program and policy indicators,
- support health-related legislation,
- seek funding and other support for new initiatives, and
- garner support for future surveys.

² Results are weighted by the CDC to reflect the student population when the overall response rate is at least 60%. The overall response rate is calculated by multiplying the school response rate by the student response rate. Weighted results are representative of all students attending public schools in each jurisdiction, grades 6–8 for the middle school YRBS and grades 9–12 for the high school YRBS. YRBSS data are weighted to adjust for school and student nonresponse and to make the data representative of the population of students from which the sample was drawn. Generally, these adjustments are made by applying a weight based on student sex, grade, and race/ethnicity. With weighted data, it is possible to say, for example, “X% of students in state Y never or rarely wore a seat belt when riding in a car driven by someone else.” <https://www.cdc.gov/healthyouth/data/yrbs/participation.htm>

Methods

A two-stage, stratified random sampling procedure was used to produce the final samples of students at the state and county level. Tables 1 and 2 provide the number of schools and surveys, and percentage of surveys by location, sex, and grade level for the 2017 Hawai‘i YRBS.

Table 1. High School Participation by Location, Sex, and Grade

	Participation			Sex (%)		Grade (%)				
	Schools	Surveys	%	Female	Male	9	10	11	12	Other
State	35	6,031	77	50.6	49.4	28.2	25.3	23.7	22.2	0.5
Hawai‘i County	10	1,517	75	51.2	48.8	29.2	26.1	22.3	21.6	0.9
Honolulu County	15	1,917	82	50.5	49.5	28.3	25.3	23.7	22.4	0.4
Kaua‘i County	3	1,205	81	49.7	50.3	25.5	25.9	25.0	23.2	0.5
Maui County	7	1,392	71	50.7	49.3	28.2	24.4	25.1	21.2	1.1

Table 2. Middle School Participation by Location, Sex, and Grade

	Participation			Sex (%)		Grade (%)			
	Schools	Surveys	%	Female	Male	6	7	8	Other
State	39	6,418	84	50.0	50.0	23.0	39.4	37.3	0.5
Hawai‘i County	13	1,605	84	50.7	49.3	26.3	36.6	36.8	0.2
Honolulu County	15	1,989	84	49.8	50.2	19.3	41.6	38.8	0.4
Kaua‘i County	3	1,243	84	50.6	49.4	32.7	33.6	33.6	0.2
Maui County	8	1,581	85	49.8	50.2	32.8	34.5	32.6	0.2

Survey procedures were designed to protect the privacy of students through anonymous and voluntary participation. School-level personnel proctored the self-administered questionnaire. Students recorded their responses directly on a computer-scannable answer sheet. A letter to the parent/legal guardian was given to each student that instructed the parent to complete, sign, and return the opt-out form to their child’s teacher within a week if they did not want their child to take part in the survey. The University of Hawai‘i’s Institutional Review Board approved the protocol for the Hawai‘i School Health Survey.

Results

The data from the middle school and high school HYRBS administered during spring 2017 were statistically weighted by the CDC; thus, according to the CDC, it is possible to make valid statewide (public schools only) comparisons across years. The results are representative of

all public middle school students in grades 6–8 and high school students in grades 9–12 (not including charter or special schools).

Appendix C Table C1 provides a comparison of the 2017 public high school HYRBS results to the 2015 results and to the 2017 national YRBS results (the behaviors from the high school HYRBS and national YRBS questionnaire and supplemental variables calculated from those questions); the 2013 HYRBS results are included for reference purposes.

For the 2017 national survey, a three-stage cluster sample design was used to produce the representative sample of 14,765 students in grades 9–12 who attended regular public and private schools in the 50 states and the District of Columbia. See <http://www.cdc.gov/healthyyouth/data/yrbs/pdf/2017/ss6708.pdf> for details.

Appendix C Table C2 presents the results of a trend analysis conducted by the CDC, which notes whether Hawai‘i high school students’ reported behavior increased, decreased, or stayed the same between the time when results were first obtained and 2017. “Logistic regression analysis is used to test for change over all the years of available data. The regression models control for changes in distributions by sex, race/ethnicity, and grade in the population and simultaneously assess linear and quadratic time effects” (CDC, 2012). Similar results are presented in Appendix D Table D2 (Appendix D Table D1 is discussed below) for the middle school level. Although weighted results were obtained in 2005 for the middle school level, the items were comparable to the high school level and not to the CDC’s middle school core items. Therefore, CDC did not include the 2005 results in the trend analysis.

Appendix C Tables C3–C6 present the high school 2017 Hawai‘i, Honolulu, Kaua‘i, and Maui counties’ results, and similar middle school results are presented in Appendix D Tables D3–D6. Trend, 2015 vs. 2017, and county compared to Hawai‘i state results are provided. The UH CRDG conducted *t*-test analyses at $p < .05$ using SAS version 9.3 to determine whether there were statistically significant differences between 2015 and 2017 and between the county and state.

The 2017 public middle school HYRBS results compared to the 2015 results are presented in Appendix D Table D1 (the behaviors from the middle school HYRBS questionnaire and supplemental variables calculated from those questions). It also includes the 2013 HYRBS results for reference purposes.

More detailed breakdowns of the data are available at Hawai‘i Health Data Warehouse (HHDW) <http://hhdw.org/health-reports-data/data-source/yrbs-reports> and CDC’s Youth Online <http://nccd.cdc.gov/youthonline/App/Default.aspx>. The HHDW website contains results for core and Hawai‘i-added items and reports by sex, grade, Hawai‘i-specific race/ethnicity and county. Results differ for a few items where HHDW excludes “not sure” responses from the denominator (e.g., medical check-ups and oral health). The CDC website provides state-level data for the years when weighted results were obtained (i.e., all years except 1991, 2001, and 2003 for the high school level and 2005 for the middle school level when we chose to use the high school core

items). The Hawai‘i School Health Survey committee³ plans to issue topical brochures utilizing further analyses of the YRBS data.

Limitations

The findings in this report are subject to at least five limitations.

1. These data apply to youth who attend public school, whose parent or guardian did not opt them out of participating in the survey, and who were present on the day that the teacher chose to administer the survey (a few teachers did make-ups), and, therefore, may not be representative of all persons in this age group.
2. The change in the consent process from active (where students needed parental permission to participate) to passive (where students participated unless their parent or guardian returned a form opting them out of the survey) might have affected some of the results. In both cases the student had the option to opt out of participation.
3. The extent of underreporting or overreporting of behaviors cannot be determined. However, they are not likely to change drastically from year to year allowing for valid longitudinal comparison. Furthermore, Brener et al. (2002) found that the 1999 Youth Risk Behavior Survey questionnaire demonstrated good test-retest reliability.
4. The change in survey administration from fall to spring might have affected some of the results.
5. Brener, McManus, Galuska, Lowry, and Wechsler (2003) studied the reliability and validity of self-reported height and weight among high school students and found that students tend to over-report their height and under-estimate their weight. Body mass index (BMI) is calculated on the basis of self-reported height and weight, and, therefore, tends to underestimate the prevalence of obesity and overweight.

³ Committee members were from the Hawai‘i Departments of Education and Health, Office of Hawaiian Affairs, Hui for Excellence in Education, and University of Hawai‘i.

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Appendix A: 2017 Hawai'i High School Youth Risk Behavior Survey Questionnaire

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2017 Hawai‘i High School Youth Risk Behavior Survey

This survey is about health behavior. It has been developed so you can tell us what you do that may affect your health. The information you give will be used to improve health education for young people like yourself.

DO NOT write your name on this survey. The answers you give will be kept private. No one will know what you write. Answer the questions based on what you really do.

Completing the survey is voluntary. Whether or not you answer the questions will not affect your grade in this class. If you are not comfortable answering a question, just leave it blank.

The questions that ask about your background will be used only to describe the types of students completing this survey. The information will not be used to find out your name. No names will ever be reported.

Make sure to read every question. Fill in the ovals completely. When you are finished, follow the instructions of the person giving you the survey.

Thank you very much for your help.

Directions

- Use a #2 pencil only.
- Make dark marks.
- Fill in a response like this: A B ● D.
- If you change your answer, erase your old answer completely.

1. How old are you?
 - A. 12 years old or younger
 - B. 13 years old
 - C. 14 years old
 - D. 15 years old
 - E. 16 years old
 - F. 17 years old
 - G. 18 years old or older

2. What is your sex?
 - A. Female
 - B. Male

3. In what grade are you?
 - A. 9th grade
 - B. 10th grade
 - C. 11th grade
 - D. 12th grade
 - E. Ungraded or other grade

4. Are you Hispanic or Latino?
 - A. Yes
 - B. No

5. What is your race? **(Select one or more responses.)**
 - A. American Indian or Alaska Native
 - B. Black or African American
 - C. Filipino
 - D. Japanese
 - E. Native Hawaiian/Part Hawaiian
 - F. Other Asian
 - G. Other Pacific Islander
 - H. White

6. How tall are you without your shoes on?
 Directions: Write your height in the shaded blank boxes.
 Fill in the matching oval below each number.

Example

Height	
Feet	Inches
5	7
③	⑩
④	①
●	②
⑥	③
⑦	④
	⑤
	⑥
	●
	⑧
	⑨
	⑩
	⑪

7. How much do you weigh without your shoes on?
 Directions: Write your weight in the shaded blank boxes.
 Fill in the matching oval below each number.

Example

Weight		
Pounds		
1	5	2
①	①	①
●	①	①
②	②	●
③	③	③
	④	④
	●	⑤
	⑥	⑥
	⑦	⑦
	⑧	⑧
	⑨	⑨

8. Which one of these groups **best** describes you? (Select only **one** response.)
- A. Hispanic or Latino
 - B. Native Hawaiian
 - C. Filipino
 - D. Japanese
 - E. White
 - F. Other Pacific Islander
 - G. Some other race or ethnicity
 - H. I do not describe myself as only one race or ethnicity
9. Are either of your parents or other adults in your family serving on active duty in the military?
- A. Yes
 - B. No

The next question asks about personal safety.

10. During the past 30 days, on how many days did you **text or e-mail** while **driving** a car or other vehicle?
- A. I did not drive a car or other vehicle during the past 30 days
 - B. 0 days
 - C. 1 or 2 days
 - D. 3 to 5 days
 - E. 6 to 9 days
 - F. 10 to 19 days
 - G. 20 to 29 days
 - H. All 30 days

The next 7 questions ask about violence-related behaviors.

11. During the past 30 days, on how many days did you carry a **weapon** such as a gun, knife, or club?
- A. 0 days
 - B. 1 day
 - C. 2 or 3 days
 - D. 4 or 5 days
 - E. 6 or more days

12. During the past 30 days, on how many days did you **not** go to school because you felt you would be unsafe at school or on your way to or from school?
- A. 0 days
 - B. 1 day
 - C. 2 or 3 days
 - D. 4 or 5 days
 - E. 6 or more days
13. During the past 12 months, how many times were you in a **physical fight**?
- A. 0 times
 - B. 1 time
 - C. 2 or 3 times
 - D. 4 or 5 times
 - E. 6 or 7 times
 - F. 8 or 9 times
 - G. 10 or 11 times
 - H. 12 or more times
14. Have you ever been physically forced to have sexual intercourse when you did not want to?
- A. Yes
 - B. No
15. During the past 12 months, how many times did **anyone** force you to do sexual things that you did not want to do? (Count such things as kissing, touching, or being physically forced to have sexual intercourse.)
- A. 0 times
 - B. 1 time
 - C. 2 or 3 times
 - D. 4 or 5 times
 - E. 6 or more times
16. During the past 12 months, how many times did **someone you were dating or going out with** purposely try to control you or emotionally hurt you? (Count such things as being told who you could and could not spend time with, being humiliated in front of others, or being threatened if you did not do what they wanted.)
- A. I did not date or go out with anyone during the past 12 months
 - B. 0 times
 - C. 1 time
 - D. 2 or 3 times
 - E. 4 or 5 times
 - F. 6 or more times

17. During the past 12 months, how many times did **someone you were dating or going out with** physically hurt you on purpose? (Count such things as being hit, slammed into something, or injured with an object or weapon.)
- A. I did not date or go out with anyone during the past 12 months
 - B. 0 times
 - C. 1 time
 - D. 2 or 3 times
 - E. 4 or 5 times
 - F. 6 or more times

The next 3 questions ask about bullying. Bullying is when 1 or more students tease, threaten, spread rumors about, hit, shove, or hurt another student over and over again. It is not bullying when 2 students of about the same strength or power argue or fight or tease each other in a friendly way.

18. During the past 12 months, have you ever been bullied **on school property**?
- A. Yes
 - B. No
19. During the past 12 months, have you ever been **electronically** bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
- A. Yes
 - B. No
20. Do you agree or disagree that harassment and bullying by other students is a problem at your school?
- A. Strongly agree
 - B. Agree
 - C. Not sure
 - D. Disagree
 - E. Strongly disagree

The next question asks about hurting yourself on purpose.

21. During the past 12 months, how many times did you do something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?
- A. 0 times
 - B. 1 time
 - C. 2 or 3 times
 - D. 4 or 5 times
 - E. 6 or more times

The next 5 questions ask about sad feelings and attempted suicide. Sometimes people feel so depressed about the future that they may consider attempting suicide, that is, taking some action to end their own life.

22. During the past 12 months, did you ever feel so sad or hopeless almost every day for **two weeks or more in a row** that you stopped doing some usual activities?
- A. Yes
 - B. No
23. During the past 12 months, did you ever **seriously** consider attempting suicide?
- A. Yes
 - B. No
24. During the past 12 months, did you make a plan about how you would attempt suicide?
- A. Yes
 - B. No
25. During the past 12 months, how many times did you actually attempt suicide?
- A. 0 times
 - B. 1 time
 - C. 2 or 3 times
 - D. 4 or 5 times
 - E. 6 or more times
26. **If you attempted suicide** during the past 12 months, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse?
- A. **I did not attempt suicide** during the past 12 months
 - B. Yes
 - C. No

The next 2 questions ask about cigarette smoking.

27. How old were you when you first tried cigarette smoking, even one or two puffs?
- A. I have never tried cigarette smoking, not even one or two puffs
 - B. 8 years old or younger
 - C. 9 or 10 years old
 - D. 11 or 12 years old
 - E. 13 or 14 years old
 - F. 15 or 16 years old
 - G. 17 years old or older
28. During the past 30 days, on how many days did you smoke cigarettes?
- A. 0 days
 - B. 1 or 2 days
 - C. 3 to 5 days
 - D. 6 to 9 days
 - E. 10 to 19 days
 - F. 20 to 29 days
 - G. All 30 days

The next 2 questions ask about electronic vapor products, such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo. Electronic vapor products include e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens.

29. How old were you when you first tried using an electronic vapor product?
- A. I have never tried using an electronic vapor product
 - B. 8 years old or younger
 - C. 9 or 10 years old
 - D. 11 or 12 years old
 - E. 13 or 14 years old
 - F. 15 or 16 years old
 - G. 17 years old or older
30. During the past 30 days, on how many days did you use an electronic vapor product?
- A. 0 days
 - B. 1 or 2 days
 - C. 3 to 5 days
 - D. 6 to 9 days
 - E. 10 to 19 days
 - F. 20 to 29 days
 - G. All 30 days

The next 3 questions ask about drinking alcohol. This includes drinking beer, wine, wine coolers, and liquor such as rum, gin, vodka, or whiskey. For these questions, drinking alcohol does not include drinking a few sips of wine for religious purposes.

31. How old were you when you had your first drink of alcohol other than a few sips?
- A. I have never had a drink of alcohol other than a few sips
 - B. 8 years old or younger
 - C. 9 or 10 years old
 - D. 11 or 12 years old
 - E. 13 or 14 years old
 - F. 15 or 16 years old
 - G. 17 years old or older
32. During the past 30 days, on how many days did you have at least one drink of alcohol?
- A. 0 days
 - B. 1 or 2 days
 - C. 3 to 5 days
 - D. 6 to 9 days
 - E. 10 to 19 days
 - F. 20 to 29 days
 - G. All 30 days
33. During the past 30 days, how did you **usually** get the alcohol you drank?
- A. I did not drink alcohol during the past 30 days
 - B. I bought it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station
 - C. I bought it at a restaurant, bar, or club
 - D. I bought it at a public event such as a concert or sporting event
 - E. I gave someone else money to buy it for me
 - F. I got alcohol at parties
 - G. I took alcohol from my home
 - H. I got it some other way

The next question asks about how many drinks of alcohol you have had in a row, that is, within a couple of hours. The number of drinks you need to think about is different for female students and male students.

34. During the past 30 days, on how many days did you have **4** or more drinks of alcohol in a row (if you are **female**) or **5** or more drinks of alcohol in a row (if you are **male**)?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 to 5 days
 - E. 6 to 9 days
 - F. 10 to 19 days
 - G. 20 or more days

The next 3 questions ask about marijuana use. Marijuana also is called grass, pot, weed, or pakalōlō.

35. How old were you when you tried marijuana for the first time?
- A. I have never tried marijuana
 - B. 8 years old or younger
 - C. 9 or 10 years old
 - D. 11 or 12 years old
 - E. 13 or 14 years old
 - F. 15 or 16 years old
 - G. 17 years old or older
36. During the past 30 days, how many times did you use marijuana?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times
37. During the past 30 days, how did you **usually** use marijuana?
- A. I did not use marijuana during the past 30 days
 - B. I smoked it in a joint, bong, pipe, or blunt
 - C. I ate it in food such as brownies, cakes, cookies, or candy
 - D. I drank it in tea, cola, alcohol, or other drinks
 - E. I vaporized it
 - F. I used it some other way

The next 8 questions ask about other drugs.

38. During your life, how many times have you used **any** form of cocaine, including powder, crack, or freebase?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times
39. During your life, how many times have you used **heroin** (also called smack, junk, or China White)?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times
40. During your life, how many times have you used **methamphetamines** (also called speed, crystal, crank, or ice)?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times
41. During your life, how many times have you used **ecstasy** (also called MDMA)?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times
42. During your life, how many times have you used **hallucinogenic drugs**, such as LSD, acid, PCP, angel dust, mescaline, or mushrooms?
- A. 0 times
 - B. 1 or 2 times
 - C. 3 to 9 times
 - D. 10 to 19 times
 - E. 20 to 39 times
 - F. 40 or more times

43. During your life, how many times have you used **synthetic marijuana** (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, or Moon Rocks)?
- 0 times
 - 1 or 2 times
 - 3 to 9 times
 - 10 to 19 times
 - 20 to 39 times
 - 40 or more times
44. During your life, how many times have you taken **prescription pain medicine** without a doctor's prescription or differently than how a doctor told you to use it? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)
- 0 times
 - 1 or 2 times
 - 3 to 9 times
 - 10 to 19 times
 - 20 to 39 times
 - 40 or more times
45. During your life, how many times have you used a needle to inject any **illegal** drug into your body?
- 0 times
 - 1 time
 - 2 or more times

The next 9 questions ask about sexual behavior.

46. How old were you when you had sexual intercourse for the first time?
- I have never had sexual intercourse
 - 11 years old or younger
 - 12 years old
 - 13 years old
 - 14 years old
 - 15 years old
 - 16 years old
 - 17 years old or older

47. During your life, with how many people have you had sexual intercourse?
- I have never had sexual intercourse
 - 1 person
 - 2 people
 - 3 people
 - 4 people
 - 5 people
 - 6 or more people
48. During the past 3 months, with how many people did you have sexual intercourse?
- I have never had sexual intercourse
 - I have had sexual intercourse, but not during the past 3 months
 - 1 person
 - 2 people
 - 3 people
 - 4 people
 - 5 people
 - 6 or more people
49. Did you drink alcohol or use drugs before you had sexual intercourse the **last time**?
- I have never had sexual intercourse
 - Yes
 - No
50. The **last time** you had sexual intercourse, did you or your partner use a condom?
- I have never had sexual intercourse
 - Yes
 - No
51. The **last time** you had sexual intercourse, what **one** method did you or your partner use to **prevent pregnancy**? (Select only **one** response.)
- I have never had sexual intercourse
 - No method was used to prevent pregnancy
 - Birth control pills
 - Condoms
 - An IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon)
 - A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing)
 - Withdrawal or some other method
 - Not sure

52. During your life, with whom have you had sexual contact?
- I have never had sexual contact
 - Females
 - Males
 - Females and males
53. Which of the following best describes you?
- Heterosexual (straight)
 - Gay or lesbian
 - Bisexual
 - Not sure
54. Some people describe themselves as transgender when their sex at birth does not match the way they think or feel about their gender. Are you transgender?
- No, I am not transgender
 - Yes, I am transgender
 - I am not sure if I am transgender
 - I do not know what this question is asking

The next 2 questions ask about body weight.

55. How do **you** describe your weight?
- Very underweight
 - Slightly underweight
 - About the right weight
 - Slightly overweight
 - Very overweight
56. During the past 30 days, did you try to lose weight or keep from gaining weight by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals?
- Yes
 - No
 - Not sure

The next 11 questions ask about food you ate or drank during the past 7 days. Think about all the meals and snacks you had from the time you got up until you went to bed. Be sure to include food you ate at home, at school, at restaurants, or anywhere else.

57. During the past 7 days, how many times did you drink **100% fruit juices** such as orange juice, apple juice, or grape juice? (Do **not** count punch, Kool-Aid, sports drinks, or other fruit-flavored drinks.)
- I did not drink 100% fruit juice during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
58. During the past 7 days, how many times did you eat **fruit**? (Do **not** count fruit juice.)
- I did not eat fruit during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
59. During the past 7 days, how many times did you eat **green salad**?
- I did not eat green salad during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
60. During the past 7 days, how many times did you eat **potatoes**? (Do **not** count french fries, fried potatoes, or potato chips.)
- I did not eat potatoes during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day

61. During the past 7 days, how many times did you eat **carrots**?
- I did not eat carrots during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
62. During the past 7 days, how many times did you eat **other vegetables**? (Do **not** count green salad, potatoes, or carrots.)
- I did not eat other vegetables during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
63. During the past 7 days, how many times did you drink a **can, bottle, or glass of soda or pop**, such as Coke, Pepsi, or Sprite? (Do **not** count diet soda or diet pop.)
- I did not drink soda or pop during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
64. During the past 7 days, how many times did you drink a **can, bottle, pouch, or glass of a juice drink**, such as Fruit Punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang? (Do **not** count 100% fruit juice.)
- I did not drink juice drinks during the past 7 days
 - 1 to 3 times during the past 7 days
 - 4 to 6 times during the past 7 days
 - 1 time per day
 - 2 times per day
 - 3 times per day
 - 4 or more times per day
65. During the past 7 days, how many **glasses of milk** did you drink? (Count the milk you drank in a glass or cup, from a carton, or with cereal. Count the half pint of milk served at school as equal to one glass.)
- I did not drink milk during the past 7 days
 - 1 to 3 glasses during the past 7 days
 - 4 to 6 glasses during the past 7 days
 - 1 glass per day
 - 2 glasses per day
 - 3 glasses per day
 - 4 or more glasses per day
66. During the past 7 days, on how many days did you eat **breakfast**?
- 0 days
 - 1 day
 - 2 days
 - 3 days
 - 4 days
 - 5 days
 - 6 days
 - 7 days
67. During the past 30 days, how often did you go hungry because there was not enough food in your home?
- Never
 - Rarely
 - Sometimes
 - Most of the time
 - Always
- The next 7 questions ask about physical activity.**
68. During the past 7 days, on how many days were you physically active for a total of **at least 60 minutes per day**? (Add up all the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)
- 0 days
 - 1 day
 - 2 days
 - 3 days
 - 4 days
 - 5 days
 - 6 days
 - 7 days

69. During the past 7 days, on how many days did you do exercises to **strengthen or tone your muscles**, such as push-ups, sit-ups, or weight lifting?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days
 - G. 6 days
 - H. 7 days
70. On an average school day, how many hours do you watch TV?
- A. I do not watch TV on an average school day
 - B. Less than 1 hour per day
 - C. 1 hour per day
 - D. 2 hours per day
 - E. 3 hours per day
 - F. 4 hours per day
 - G. 5 or more hours per day
71. On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook or other social media.)
- A. I do not play video or computer games or use a computer for something that is not school work
 - B. Less than 1 hour per day
 - C. 1 hour per day
 - D. 2 hours per day
 - E. 3 hours per day
 - F. 4 hours per day
 - G. 5 or more hours per day
72. In an average week when you are in school, on how many days do you go to physical education (PE) classes?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days

73. In an average week when you are in school, on how many days do you walk or ride your bike **to or from school** when weather allows you to do so?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days
74. During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
- A. 0 teams
 - B. 1 team
 - C. 2 teams
 - D. 3 or more teams

The next 16 questions ask about other health-related topics.

75. Have you ever been taught about AIDS or HIV infection in school?
- A. Yes
 - B. No
 - C. Not sure
76. When you are outside for more than one hour on a sunny day, how often do you wear sunscreen with an SPF of 15 or higher?
- A. Never
 - B. Rarely
 - C. Sometimes
 - D. Most of the time
 - E. Always
77. When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?
- A. During the past 12 months
 - B. Between 12 and 24 months ago
 - C. More than 24 months ago
 - D. Never
 - E. Not sure
78. During the past 12 months, did you have a toothache?
- A. Yes
 - B. No
 - C. Not sure

79. When was the last time you saw a doctor or nurse for a check-up or physical exam when you were not sick or injured?
- During the past 12 months
 - Between 12 and 24 months ago
 - More than 24 months ago
 - Never
 - Not sure
80. Has a doctor or nurse ever told you that you have asthma?
- Yes
 - No
 - Not sure
81. Do you still have asthma?
- I have never had asthma
 - Yes
 - No
 - Not sure
82. During the past 30 days, on how many days did you not go to school because you were sick?
- 0 days
 - 1 or 2 days
 - 3 to 5 days
 - 6 to 9 days
 - 10 or more days
83. On an average school night, how many hours of sleep do you get?
- 4 or less hours
 - 5 hours
 - 6 hours
 - 7 hours
 - 8 hours
 - 9 hours
 - 10 or more hours
84. During the past 30 days, where did you usually sleep?
- In my parent's or guardian's home
 - In the home of a friend, family member, or other person because I had to leave my home or my parent or guardian cannot afford housing
 - In a shelter or emergency housing
 - In a motel or hotel
 - In a car, park, campground, or other public place
 - I do not have a usual place to sleep
 - Somewhere else
85. During the past 12 months, how would you describe your grades in school?
- Mostly A's
 - Mostly B's
 - Mostly C's
 - Mostly D's
 - Mostly F's
 - None of these grades
 - Not sure
86. How likely is it that you will complete a post high school program such as a vocational training program, military service, community college, or 4-year college?
- Definitely will not
 - Probably will not
 - Probably will
 - Definitely will
 - Not sure
87. When you feel sad, empty, hopeless, angry, or anxious, how often do you get the kind of help you need?
- I do not feel sad, empty, hopeless, angry, or anxious
 - Never
 - Rarely
 - Sometimes
 - Most of the time
 - Always
88. Is there at least one teacher or other adult in your school that you can talk to if you have a problem?
- Yes
 - No
 - Not sure
89. Outside of school, is there an adult you can talk to about things that are important to you?
- Yes
 - No
 - Not sure
90. Have your parents or other adults in your family ever talked with you about what they expect you to do or not to do when it comes to sex?
- Yes
 - No
 - Not sure

The next 9 questions ask about alcohol and drugs.

91. How wrong do your parents feel it would be for you to drink beer, wine, or hard liquor (such as rum, gin, vodka, or whiskey) regularly?
- A. Very wrong
 - B. Wrong
 - C. A little bit wrong
 - D. Not at all wrong
 - E. Not sure
92. During the past 12 months, have you talked with at least one of your parents or another adult in your family about the dangers of tobacco, alcohol, or drug use?
- A. Yes
 - B. No
 - C. Not sure
93. During the past 30 days, have you ridden in a car driven by someone, including yourself, who was “high” or had been using alcohol or drugs?
- A. Yes
 - B. No
94. Do you ever use alcohol or drugs to relax, feel better about yourself, or fit in?
- A. Yes
 - B. No

95. Do you ever use alcohol or drugs while you are alone?
- A. Yes
 - B. No
96. Do you ever forget things you did while using alcohol or drugs?
- A. Yes
 - B. No
97. Have you ever gotten into trouble while you were using alcohol or drugs?
- A. Yes
 - B. No
98. During the past 12 months, have you attended school under the influence of alcohol, marijuana, or other drugs?
- A. Yes
 - B. No
99. Do your family or friends ever tell you that you should cut down on your drinking or drug use?
- A. Yes
 - B. No

**This is the end of the survey.
Thank you very much for your help.**

Appendix B: 2017 Hawai'i Middle School Youth Risk Behavior Survey Questionnaire

2017 Hawai‘i Middle School Youth Risk Behavior Survey

This survey is about health behavior. It has been developed so you can tell us what you do that may affect your health. The information you give will be used to improve health education for young people like yourself.

DO NOT write your name on this survey. The answers you give will be kept private. No one will know what you write. Answer the questions based on what you really do.

Completing the survey is voluntary. Whether or not you answer the questions will not affect your grade in this class. If you are not comfortable answering a question, just leave it blank.

The questions that ask about your background will be used only to describe the types of students completing this survey. The information will not be used to find out your name. No names will ever be reported.

Make sure to read every question. Fill in the ovals completely. When you are finished, follow the instructions of the person giving you the survey.

Thank you very much for your help.

Directions

- Use a #2 pencil only.
- Make dark marks.
- Fill in a response like this: A B ● D.
- If you change your answer, erase your old answer completely.

1. How old are you?
 - A. 10 years old or younger
 - B. 11 years old
 - C. 12 years old
 - D. 13 years old
 - E. 14 years old
 - F. 15 years old
 - G. 16 years old or older
2. What is your sex?
 - A. Female
 - B. Male
3. In what grade are you?
 - A. 6th grade
 - B. 7th grade
 - C. 8th grade
 - D. Ungraded or other grade
4. Are you Hispanic or Latino?
 - A. Yes
 - B. No
5. What is your race? (**Select one or more responses.**)
 - A. American Indian or Alaska Native
 - B. Black or African American
 - C. Filipino
 - D. Japanese
 - E. Native Hawaiian/Part Hawaiian
 - F. Other Asian
 - G. Other Pacific Islander
 - H. White

6. Which one of these groups **best** describes you? (Select only **one** response.)
 - A. Hispanic or Latino
 - B. Native Hawaiian
 - C. Filipino
 - D. Japanese
 - E. White
 - F. Other Pacific Islander
 - G. Some other race or ethnicity
 - H. I do not describe myself as only one race or ethnicity
 7. Are either of your parents or other adults in your family serving on active duty in the military?
 - A. Yes
 - B. No
 8. Because of a physical, mental, or emotional problem, do you have serious difficulty concentrating, remembering, or making decisions?
 - A. Yes
 - B. No
- The next 9 questions ask about violence-related behaviors.**
9. During the past 12 months, did you carry a **weapon** such as a gun, knife, or club?
 - A. Yes
 - B. No
 10. During the past 12 months, did you ever **not** go to school because you felt you would be unsafe at school or on your way to or from school?
 - A. Yes
 - B. No
 11. During the past 12 months, have you been in a physical fight?
 - A. Yes
 - B. No
 12. Have you ever been physically forced to have sexual intercourse when you did not want to?
 - A. Yes
 - B. No

13. During the past 12 months, did **anyone** force you to do sexual things that you did not want to do? (Count such things as kissing, touching, or being physically forced to have sexual intercourse.)
A. Yes
B. No
14. During the past 12 months, did **someone you were dating or going out with** purposely try to control you or emotionally hurt you? (Count such things as being told who you could and could not spend time with, being humiliated in front of others, or being threatened if you did not do what they wanted.)
A. I did not date or go out with anyone during the past 12 months
B. Yes
C. No
15. During the past 12 months, did **someone you were dating or going out with** physically hurt you on purpose? (Count such things as being hit, slammed into something, or injured with an object or weapon.)
A. I did not date or go out with anyone during the past 12 months
B. Yes
C. No
16. During the past 12 months, did you physically hurt **someone you were dating or going out with**? (Count such things as hitting them, slamming them into something, or injuring them with an object or weapon.)
A. I did not date or go out with anyone during the past 12 months
B. Yes
C. No
17. During the past 30 days, have you texted, e-mailed, or posted electronically a revealing or sexual photo of yourself?
A. Yes
B. No

The next 4 questions ask about bullying. Bullying is when 1 or more students tease, threaten, spread rumors about, hit, shove, or hurt another student over and over again. It is not bullying when 2 students of about the same strength or power argue or fight or tease each other in a friendly way.

18. Have you ever been bullied **on school property**?
A. Yes
B. No
19. Have you ever been **electronically** bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)
A. Yes
B. No
20. Have you ever **electronically** bullied someone? (Count bullying through texting, Instagram, Facebook, or other social media.)
A. Yes
B. No
21. Do you agree or disagree that harassment and bullying by other students is a problem at your school?
A. Strongly agree
B. Agree
C. Not sure
D. Disagree
E. Strongly disagree

The next question asks about hurting yourself on purpose.

22. Have you ever done something to purposely hurt yourself without wanting to die, such as cutting or burning yourself on purpose?
A. Yes
B. No

The next 5 questions ask about sad feelings and attempted suicide. Sometimes people feel so depressed about the future that they may consider attempting suicide, that is, taking some action to end their own life.

23. Have you ever felt so sad or hopeless almost every day for **two weeks or more in a row** that you stopped doing some usual activities?
A. Yes
B. No
24. Have you ever **seriously** thought about killing yourself?
A. Yes
B. No
25. Have you ever made a **plan** about how you would kill yourself?
A. Yes
B. No
26. Have you ever **tried** to kill yourself?
A. Yes
B. No
27. **If you tried to kill yourself**, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse?
A. I did not try to kill myself
B. Yes
C. No

The next 2 questions ask about cigarette smoking.

28. How old were you when you first tried cigarette smoking, even one or two puffs?
A. I have never tried cigarette smoking, not even one or two puffs
B. 8 years old or younger
C. 9 years old
D. 10 years old
E. 11 years old
F. 12 years old
G. 13 years old or older

29. During the past 30 days, on how many days did you smoke cigarettes?
A. 0 days
B. 1 or 2 days
C. 3 to 5 days
D. 6 to 9 days
E. 10 to 19 days
F. 20 to 29 days
G. All 30 days

The next 2 questions ask about electronic vapor products, such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo. Electronic vapor products include e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens.

30. Have you ever used an electronic vapor product?
A. Yes
B. No
31. During the past 30 days, on how many days did you use an electronic vapor product?
A. 0 days
B. 1 or 2 days
C. 3 to 5 days
D. 6 to 9 days
E. 10 to 19 days
F. 20 to 29 days
G. All 30 days

The next 4 questions ask about drinking alcohol. This includes drinking beer, wine, wine coolers, and liquor such as rum, gin, vodka, or whiskey. For these questions, drinking alcohol does not include drinking a few sips of wine for religious purposes.

32. How old were you when you had your first drink of alcohol other than a few sips?
A. I have never had a drink of alcohol other than a few sips
B. 8 years old or younger
C. 9 years old
D. 10 years old
E. 11 years old
F. 12 years old
G. 13 years old or older

33. During the past 30 days, did you have at least one drink of alcohol?
A. Yes
B. No
34. During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?
A. 0 days
B. 1 day
C. 2 days
D. 3 to 5 days
E. 6 to 9 days
F. 10 to 19 days
G. 20 or more days
35. How wrong do your parents feel it would be for you to drink beer, wine, or hard liquor (such as rum, gin, vodka, or whiskey) regularly?
A. Very wrong
B. Wrong
C. A little bit wrong
D. Not at all wrong
E. Not sure

The next 2 questions ask about marijuana use. Marijuana also is called grass, pot, weed, or pakalōlo.

36. How old were you when you tried marijuana for the first time?
A. I have never tried marijuana
B. 8 years old or younger
C. 9 years old
D. 10 years old
E. 11 years old
F. 12 years old
G. 13 years old or older
37. During the past 30 days, how many times did you use marijuana?
A. 0 times
B. 1 or 2 times
C. 3 to 9 times
D. 10 to 19 times
E. 20 to 39 times
F. 40 or more times

The next 5 questions ask about other drugs.

38. Have you ever used **any** form of cocaine, including powder, crack, or freebase?
A. Yes
B. No
39. Have you ever used **methamphetamines** (also called speed, crystal, crank, or ice)?
A. Yes
B. No
40. Have you ever used **ecstasy** (also called MDMA)?
A. Yes
B. No
41. Have you ever taken **prescription pain medicine** without a doctor's prescription or differently than how a doctor told you to use it? (Count drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet.)
A. Yes
B. No
42. During your life, how many times have you used a needle to inject any **illegal** drug into your body?
A. 0 times
B. 1 time
C. 2 or more times

The next 5 questions ask about sexual behavior.

43. How old were you when you had sexual intercourse for the first time?
A. I have never had sexual intercourse
B. 8 years old or younger
C. 9 years old
D. 10 years old
E. 11 years old
F. 12 years old
G. 13 years old or older

44. With how many people have you ever had sexual intercourse?
- A. I have never had sexual intercourse
 - B. 1 person
 - C. 2 people
 - D. 3 people
 - E. 4 people
 - F. 5 people
 - G. 6 or more people
45. The **last time** you had sexual intercourse, did you or your partner use a condom?
- A. I have never had sexual intercourse
 - B. Yes
 - C. No
46. During your life, with whom have you had sexual contact?
- A. I have never had sexual contact
 - B. Females
 - C. Males
 - D. Females and males
47. Which of the following best describes you?
- A. Heterosexual (straight)
 - B. Gay or lesbian
 - C. Bisexual
 - D. Not sure

The next 3 questions ask about body weight.

48. How do **you** describe your weight?
- A. Very underweight
 - B. Slightly underweight
 - C. About the right weight
 - D. Slightly overweight
 - E. Very overweight
49. Which of the following are you trying to do about your weight?
- A. **Lose** weight
 - B. **Gain** weight
 - C. **Stay** the same weight
 - D. I am **not trying to do anything** about my weight

50. During the past 30 days, did you try to lose weight or keep from gaining weight by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals?
- A. Yes
 - B. No
 - C. Not sure

The next 2 questions ask about eating.

51. During the past 7 days, on how many days did you eat **breakfast**?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days
 - G. 6 days
 - H. 7 days
52. During the past 30 days, how often did you go hungry because there was not enough food in your home?
- A. Never
 - B. Rarely
 - C. Sometimes
 - D. Most of the time
 - E. Always

The next 7 questions ask about physical activity.

53. During the past 7 days, on how many days were you physically active for a total of **at least 60 minutes per day**? (Add up all the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.)
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days
 - G. 6 days
 - H. 7 days

54. During the past 7 days, on how many days did you do exercises to **strengthen or tone your muscles**, such as push-ups, sit-ups, or weight lifting?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days
 - G. 6 days
 - H. 7 days

55. On an average school day, how many hours do you watch TV?
- A. I do not watch TV on an average school day
 - B. Less than 1 hour per day
 - C. 1 hour per day
 - D. 2 hours per day
 - E. 3 hours per day
 - F. 4 hours per day
 - G. 5 or more hours per day

56. On an average school day, how many hours do you play video or computer games or use a computer for something that is not school work? (Count time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook or other social media.)
- A. I do not play video or computer games or use a computer for something that is not school work
 - B. Less than 1 hour per day
 - C. 1 hour per day
 - D. 2 hours per day
 - E. 3 hours per day
 - F. 4 hours per day
 - G. 5 or more hours per day

57. In an average week when you are in school, on how many days do you go to physical education (PE) classes?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days

58. In an average week when you are in school, on how many days do you walk or ride your bike **to or from school** when weather allows you to do so?
- A. 0 days
 - B. 1 day
 - C. 2 days
 - D. 3 days
 - E. 4 days
 - F. 5 days

59. During the past 12 months, on how many sports teams did you play? (Count any teams run by your school or community groups.)
- A. 0 teams
 - B. 1 team
 - C. 2 teams
 - D. 3 or more teams

The next question asks about concussions. A concussion is when a blow or jolt to the head causes problems such as headaches, dizziness, being dazed or confused, difficulty remembering or concentrating, vomiting, blurred vision, or being knocked out.

60. During the past 12 months, how many times did you have a concussion **from playing a sport or being physically active**?
- A. 0 times
 - B. 1 time
 - C. 2 times
 - D. 3 times
 - E. 4 or more times

The next 19 questions ask about other health-related topics.

61. Have you ever been taught about AIDS or HIV infection in school?
- A. Yes
 - B. No
 - C. Not sure

62. When you are outside for more than one hour on a sunny day, how often do you wear sunscreen with an SPF of 15 or higher?
- Never
 - Rarely
 - Sometimes
 - Most of the time
 - Always
63. During the past 30 days, on how many days did you **not** go to school because you were sick?
- 0 days
 - 1 or 2 days
 - 3 to 5 days
 - 6 to 9 days
 - 10 or more days
64. When was the last time you saw a doctor or nurse for a check-up or physical exam when you were not sick or injured?
- During the past 12 months
 - Between 12 and 24 months ago
 - More than 24 months ago
 - Never
 - Not sure
65. When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?
- During the past 12 months
 - Between 12 and 24 months ago
 - More than 24 months ago
 - Never
 - Not sure
66. During the past 12 months, did you have a toothache?
- Yes
 - No
 - Not sure
67. Has a doctor or nurse ever told you that you have asthma?
- Yes
 - No
 - Not sure
68. Do you still have asthma?
- I have never had asthma
 - Yes
 - No
 - Not sure
69. On an average school night, how many hours of sleep do you get?
- 4 or less hours
 - 5 hours
 - 6 hours
 - 7 hours
 - 8 hours
 - 9 hours
 - 10 or more hours
70. During the past 12 months, how would you describe your grades in school?
- Mostly A's
 - Mostly B's
 - Mostly C's
 - Mostly D's
 - Mostly F's
 - None of these grades
 - Not sure
71. How likely is it that you will complete high school?
- Definitely will not
 - Probably will not
 - Probably will
 - Definitely will
 - Not sure
72. During the past 30 days, where did you usually sleep?
- In my parent's or guardian's home
 - In the home of a friend, family member, or other person because I had to leave my home or my parent or guardian cannot afford housing
 - In a shelter or emergency housing
 - In a motel or hotel
 - In a car, park, campground, or other public place
 - I do not have a usual place to sleep
 - Somewhere else
73. Is there at least one teacher or other adult in your school that you can talk to if you have a problem?
- Yes
 - No
 - Not sure

74. Is there a teacher or some other adult at your school who really cares about you?
- A. Yes
 - B. No
 - C. Not sure
75. Outside of school, is there an adult you can talk to about things that are important to you?
- A. Yes
 - B. No
 - C. Not sure
76. During the past 12 months, have you talked with at least one of your parents or another adult in your family about the dangers of tobacco, alcohol, or drug use?
- A. Yes
 - B. No
 - C. Not sure
77. Have your parents or other adults in your family ever talked with you about what they expect you to do or not to do when it comes to sex?
- A. Yes
 - B. No
 - C. Not sure
78. Have you ever talked with your parents or other adults in your family about how to say no to having sex?
- A. Yes
 - B. No
 - C. Not sure
79. When you feel sad, empty, hopeless, angry, or anxious, how often do you get the kind of help you need?
- A. I do not feel sad, empty, hopeless, angry, or anxious
 - B. Never
 - C. Rarely
 - D. Sometimes
 - E. Most of the time
 - F. Always

The next 7 questions ask about alcohol and drugs.

80. Have you ridden in a car driven by someone, including yourself, who was “high” or had been using alcohol or drugs?
- A. Yes
 - B. No
81. Do you ever use alcohol or drugs to relax, feel better about yourself, or fit in?
- A. Yes
 - B. No
82. Do you ever use alcohol or drugs while you are alone?
- A. Yes
 - B. No
83. Do you ever forget things you did while using alcohol or drugs?
- A. Yes
 - B. No
84. Do your family or friends ever tell you that you should cut down on your drinking or drug use?
- A. Yes
 - B. No
85. Have you ever gotten into trouble while you were using alcohol or drugs?
- A. Yes
 - B. No
86. During the past 12 months, have you ever attended school under the influence of alcohol, marijuana, or other drugs?
- A. Yes
 - B. No

**This is the end of the survey.
Thank you very much for your help.**

Appendix C: 2013, 2015, and 2017 Hawai‘i Public High School and 2017 U.S. Youth Risk Behavior Survey Results

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Table C1. 2013–2017 Hawai‘i Youth Risk Behavior Survey Public High School Results (2013 n = 4,631; 2015 n = 6,089; and 2017 n = 6,031); and 2017 U.S. Results (n = 14,765)

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015 ^a	2017 %	HI vs. U.S. ^a
Socio-Demographics						
Females	50.5	50.1	50.6	— ^b	50.7	Δ ^c
Males	49.5	49.4	49.4	—	49.3	Δ
Gay, lesbian, or bisexual	6.5	8.7	11.2	Increased	NA	NA ^d
Transgender	NA	NA	3.1	NA	NA	NA
Ethnicity/Race						
Filipino	27.9	27.8	27.5	—	NA	NA
Hispanic/Latino	9.3	8.9	10.0	—	22.8	Δ
Native Hawaiian	23.0	23.2	23.8	—	NA	NA
Other Asian/Pacific Islander	16.5	16.0	13.0	—	NA	NA
White	14.6	14.4	15.3	—	53.5	Δ
All other races	1.0	0.7	0.9	—	NA	NA
Multiple races	7.7	8.9	9.5	—	NA	NA
Did not describe themselves as only one race or ethnicity	20.6	18.4	19.0	—	NA	NA
Grade 9	28.6	28.8	28.2	—	27.3	Δ
Grade 10	25.0	25.0	25.3	—	25.6	Δ
Grade 11	23.0	22.7	23.7	—	23.9	Δ
Grade 12	23.2	23.2	22.2	—	23.0	Δ

^a Based on *t*-test analysis, *p* < .05

^b No statistically significant difference, *p* < .05

^c No statistical comparison was done between Hawai‘i state and U.S. 2017 or state level data is not directly comparable to national data due to differences in survey wording

^d Not available

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Socio-Demographics cont.						
Ungraded or other grade	0.2	0.2	0.5	Increased	NA	NA
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	19.7	NA	NA	NA
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	4.0	NA	NA	NA
Injuries and Violence						
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	23.0	20.3	20.6	—	NA	NA
Texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey among students who drove)	43.3	40.3	38.2	—	39.2	—
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	10.5	10.7	11.8	—	15.7	Less Likely
Were in a physical fight (one or more times during the 12 months before the survey)	16.7	14.9	16.8	—	23.6	Less Likely
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	8.4	9.1	9.3	—	6.7	More Likely
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	15.6	14.7	14.6	—	14.9	—
Were bullied on school property (during the 12 months before the survey)	18.7	18.6	18.4	—	19.0	—
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	NA	NA	38.6	NA	NA	NA

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Injuries and Violence cont.						
Were ever physically forced to have sexual intercourse (when they did not want to)	8.4	8.8	8.3	—	7.4	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	32.6	29.9	—	NA	NA
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	11.1	9.8	11.3	—	8.0	More Likely
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	11.7	NA	9.7	More Likely
Mental Health and Suicide						
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	20.6	23.0	19.1	Decreased	NA	NA
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	29.8	29.5	29.5	—	31.5	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	54.9	NA	NA	NA
Seriously considered attempting suicide (during the 12 months before the survey)	16.9	16.0	16.0	—	17.2	—
Made a plan about how they would attempt suicide (during the 12 months before the survey)	15.2	15.6	13.8	—	13.6	—
Attempted suicide (one or more times during the 12 months before the survey)	10.7	10.5	10.0	—	7.4	More Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Mental Health and Suicide cont.						
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	3.2	3.4	2.4	Decreased	2.4	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	21.1	NA	NA	NA
Tobacco Use						
Ever tried cigarette smoking (even one or two puffs)	NA	25.0	22.1	—	28.9	Δ
First tried cigarette smoking before age 13 years (even one or two puffs)	NA	NA	10.8	NA	9.5	—
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	10.4	9.7	8.1	—	8.8	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	3.0	1.9	1.7	—	2.6	—
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	2.2	1.2	1.2	—	2.0	Less Likely
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	45.1	42.3	—	42.2	Δ
First tried using an electronic vapor product before age 13 years (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	9.0	NA	NA	NA
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	25.1	25.5	—	13.2	More Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Alcohol and Other Drug Use						
Ever drank alcohol (other than a few sips)	52.5	49.4	49.0	—	60.4	Δ
Drank alcohol for the first time before age 13 years (other than a few sips)	17.5	16.9	16.8	—	15.5	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	25.2	25.1	24.5	—	29.8	Less Likely
Usually got the alcohol they drank by buying it themselves (during the 30 days before the survey)	NA	NA	16.1	NA	NA	NA
Were currently binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	12.6	NA	13.5	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	86.8	88.0	87.7	—	NA	NA
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	22.1	20.3	19.7	—	NA	NA
Ever used alcohol or drugs while they were alone	16.6	17.5	18.0	—	NA	NA
Ever forgot things they did while using alcohol or drugs	16.5	16.5	16.0	—	NA	NA
Ever had family or friends tell them that they should cut down on their drinking or drug use	11.2	11.1	13.3	—	NA	NA
Ever got into trouble while using alcohol or drugs	12.9	13.2	13.0	—	NA	NA
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	16.7	16.8	—	NA	NA
Ever used marijuana	34.9	32.6	31.1	—	35.6	Δ
Tried marijuana for the first time before age 13 years	10.4	9.5	9.1	—	6.8	More Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Alcohol and Other Drug Use cont.						
Currently used marijuana (one or more times during the 30 days before the survey)	18.9	19.4	18.1	—	19.8	—
Usually used marijuana by smoking it (in a joint, bong, pipe, or blunt during the 30 days before the survey among students who used marijuana)	NA	83.2	76.2	Decreased	NA	NA
Ever used any of the following drugs one or more times during their life						
Any form of cocaine (such as powder, crack, or freebase)	6.5	5.7	7.1	—	4.8	More Likely
Ecstasy (also called “MDMA”)	8.0	8.0	6.0	Decreased	4.0	More Likely
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	6.0	8.1	7.6	—	6.6	Δ
Heroin (also called “smack,” “junk,” or “China white”)	3.4	3.3	4.5	—	1.7	More Likely
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	4.3	3.8	4.8	—	2.5	More Likely
Synthetic marijuana (also called “K2,” “Spice,” “fake weed,” “King Kong,” “Yucatan Fire,” “Skunk,” or “Moon Rocks”)	NA	7.5	6.3	—	6.9	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet one or more times during their life)	NA	NA	12.2	NA	14.0	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	2.6	3.3	2.8	—	1.5	More Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Sexual Behaviors						
Ever had sexual intercourse	35.9	30.7	28.2	—	39.5	Δ
Had sexual intercourse for the first time before age 13 years	4.0	3.5	3.4	—	3.4	—
Had sexual intercourse with four or more persons (during their life)	7.7	6.8	5.4	—	9.7	Less Likely
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	24.8	22.3	19.2	Decreased	28.7	Less Likely
Used a condom (during last sexual intercourse among students who were currently sexually active)	45.9	48.4	42.7	—	53.8	Less Likely
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	24.0	19.9	22.8	—	18.8	More Likely
Ever had sexual contact with both males and females	3.8	3.4	4.2	—	5.3	Δ
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active						
Birth control pills	14.9	16.7	15.9	—	20.7	Less Likely
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	4.4	4.6	7.9	—	4.1	More Likely
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	6.3	5.5	6.1	—	4.7	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	25.6	26.8	29.9	—	29.4	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	7.2	7.0	5.5	—	8.8	Less Likely
None	15.6	13.2	15.8	—	13.8	—

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Weight and Nutrition						
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	13.4	12.9	14.2	—	14.8	—
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	14.9	15.3	14.2	—	15.6	—
Described themselves as slightly or very overweight	32.7	32.0	31.5	—	31.5	—
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	27.1	23.2	21.2	—	31.3	Less Likely
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	5.3	7.8	7.5	—	5.6	More Likely
Did not eat fruit (during the 7 days before the survey)	8.5	13.7	13.1	—	NA	NA
Did not drink 100% fruit juices (during the 7 days before the survey)	30.7	33.8	35.9	—	NA	NA
Ate vegetables three or more times per day (during the 7 days before the survey)	NA	NA	11.8	NA	13.9	Less Likely
Did not eat vegetables (during the 7 days before the survey)	NA	NA	8.4	NA	7.2	—
Drank one or more glasses per day of milk (during the 7 days before the survey)	26.0	23.0	19.8	Decreased	31.3	Less Likely
Did not drink milk (during the 7 days before the survey)	24.7	29.6	35.0	Increased	26.7	More Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Weight and Nutrition cont.						
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	15.8	13.4	11.0	Decreased	18.7	Less Likely
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	30.0	34.2	37.3	—	27.8	More Likely
Drank a can, bottle, pouch, or glass of a juice drink one or more times per day (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	12.5	10.2	—	NA	NA
Did not drink a juice drink (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	32.1	34.2	—	NA	NA
Ate breakfast on all 7 days (during the 7 days before the survey)	38.1	36.0	35.9	—	35.3	—
Did not eat breakfast (during the 7 days before the survey)	10.1	12.1	14.1	Increased	14.1	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	7.9	6.7	—	NA	NA
Physical Activity						
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)						
0 days	17.4	18.0	19.3	—	15.4	More Likely
5 or more days	40.2	38.1	36.6	—	46.5	Less Likely
All 7 days	22.0	20.3	19.6	—	26.1	Less Likely

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Physical Activity cont.						
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	46.3	46.0	42.4	Decreased	51.1	Δ
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	39.1	42.4	39.7	—	51.7	Less Likely
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	7.3	6.7	5.8	—	29.9	Less Likely
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	52.1	52.2	50.2	—	54.3	—
Watched 3 or more hours per day of television (on an average school day)	29.3	21.8	18.4	Decreased	20.7	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	42.1	40.6	40.7	—	43.0	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	38.3	36.7	—	NA	NA
Health						
Were ever told by a doctor or nurse that they had asthma	30.1	31.3	30.2	—	22.5	More Likely
Still had asthma	12.7	13.1	12.2	—	NA	NA
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	62.2	61.9	65.9	Increased	NA	NA
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	70.3	70.8	74.4	—	75.7	—

table continues

Table C1. 2013–2017 Hawai‘i YRBS Public High School & 2017 U.S. Results cont.

Survey Item	Hawai‘i				U.S.	
	2013 %	2015 %	2017 %	2017 vs. 2015	2017 %	HI vs. U.S.
Health cont.						
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	2.0	2.5	1.8	—	1.5	—
Had a toothache (during the 12 months before the survey)	31.4	29.2	24.4	Decreased	NA	NA
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	43.1	NA	NA	NA
Protective Factors						
Were ever taught in school about AIDS or HIV infection	81.9	75.6	70.9	—	NA	NA
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	10.7	NA	11.7	NA	NA	NA
Had 8 or more hours of sleep (on an average school night)	26.8	24.7	22.8	—	25.4	Less Likely
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	39.1	38.6	44.1	Increased	NA	NA
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	48.1	52.4	Increased	NA	NA
Had at least one teacher or other adult in their school they could talk to if they had a problem	68.2	63.5	61.6	—	NA	NA
Had an adult outside of school they could talk to about things that were important to them	76.7	73.2	71.8	—	NA	NA
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	66.2	66.8	71.1	—	NA	NA
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	76.3	73.6	68.4	Decreased	NA	NA

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change ^a
Injuries and Violence												
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	NA ^b	NA	NA	NA	NA	NA	NA	NA	23.0	20.3	20.3	Decreased (2013–2017)
Texted or e-mailed while driving a car or other vehicle in the past 30 days (on at least 1 day during the 30 days before the survey among students who drove)	NA	NA	NA	NA	NA	NA	NA	NA	43.3	40.3	38.2	Decreased (2013–2017)
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	18.4	17.5	14.1	13.7	13.3	14.8	15.9	13.9	10.5	10.7	11.8	Decreased (1993–2017)
Were in a physical fight (one or more times during the 12 months before the survey)	37.0	33.4	31.7	30.6	27.0	28.6	29.5	22.3	16.7	14.9	16.8	Decreased (1993–2017)
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	6.5	4.8	5.6	11.4	6.7	7.8	7.9	6.6	8.4	9.1	9.3	— ^c
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	NA	NA	NA	NA	NA	NA	NA	14.9	15.6	14.7	14.6	—
Were bullied on school property (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	20.3	18.7	18.6	18.4	—
Were ever physically forced to have sexual intercourse (when they did not want to)	NA	NA	NA	NA	10.3	7.8	10.3	7.1	8.4	8.8	8.3	Decreased (2005–2017)
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	NA	NA	NA	NA	NA	11.1	9.8	11.3	—

^a Based on *t*-test analysis, $p < .05$

^b Not available

^c No statistically significant difference, $p < .05$

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Mental Health and Suicide												
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	20.6	23.0	19.1	—
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	NA	NA	NA	31.8	31.8	31.8	30.6	29.5	29.8	29.5	29.5	—
Seriously considered attempting suicide (during the 12 months before the survey)	27.8	25.5	26.9	23.3	19.8	18.5	18.9	16.1	16.9	16.0	16.0	Decreased (1993–2017)
Made a plan about how they would attempt suicide (during the 12 months before the survey)	21.4	20.3	20.1	18.5	17.2	17.0	16.0	15.0	15.2	15.6	13.8	Decreased (1993–2017)
Attempted suicide (one or more times during the 12 months before the survey)	12.6	12.7	11.5	10.1	12.9	12.0	12.8	8.6	10.7	10.5	10.0	Decreased (1993–2017)
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	3.8	4.0	4.0	3.7	3.7	3.0	4.5	3.4	3.2	3.4	2.4	Decreased (1993–2017)
Tobacco Use												
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	28.2	32.4	29.2	27.9	16.4	12.8	15.2	10.1	10.4	9.7	8.1	Decreased (1993–2017)
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	13.3	16.9	14.5	13.1	4.8	4.5	4.8	3.9	3.0	1.9	1.7	Decreased (1993–2017)
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	10.0	13.1	9.0	10.2	3.4	3.5	3.9	2.3	2.2	1.2	1.2	Decreased (1993–2017)
Alcohol and Other Drug Use												
Drank alcohol for the first time before age 13 years (other than a few sips)	33.8	33.9	31.7	33.6	27.3	21.0	28.6	19.2	17.5	16.9	16.8	Decreased (1993–2017)

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Alcohol and Other Drug Use cont.												
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	38.4	40.9	40.3	44.6	34.8	29.1	37.8	29.1	25.2	25.1	24.5	Decreased (1993–2017)
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	NA	NA	NA	NA	NA	NA	NA	88.5	86.8	88.0	87.7	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	NA	NA	NA	NA	NA	NA	NA	24.3	22.1	20.3	19.7	Decreased (2011–2017)
Ever used alcohol or drugs while they were alone	NA	NA	NA	NA	NA	NA	NA	17.9	16.6	17.5	18.0	—
Ever forgot things they did while using alcohol or drugs	NA	NA	NA	NA	NA	NA	NA	18.7	16.5	16.5	16.0	Decreased (2011–2017)
Ever had family or friends tell them that they should cut down on their drinking or drug use	NA	NA	NA	NA	NA	NA	NA	14.6	11.2	11.1	13.3	—
Ever got into trouble while using alcohol or drugs	NA	NA	NA	NA	NA	NA	NA	16.2	12.9	13.2	13.0	Decreased (2011–2017)
Tried marijuana for the first time before age 13 years	10.7	14.1	14.4	14.8	12.5	11.7	11.9	9.5	10.4	9.5	9.1	Decreased (1993–2017)
Currently used marijuana (one or more times during the 30 days before the survey)	16.7	23.8	24.3	24.7	17.2	15.7	22.1	21.9	18.9	19.4	18.1	Decreased (1993–2017)
Ever used any of the following drugs one or more times during their life												
Any form of cocaine (such as powder, crack, or freebase)	8.2	7.9	7.4	7.8	6.5	5.6	6.0	6.4	6.5	5.7	7.1	Decreased (1993–2017)
Ecstasy (also called “MDMA”)	NA	NA	NA	NA	6.1	4.6	8.2	9.0	8.0	8.0	6.0	—
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	NA	NA	NA	NA	NA	NA	NA	NA	6.0	8.1	7.6	—

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Alcohol and Other Drug Use cont.												
Heroin (also called “smack,” “junk,” or “China white”)	NA	NA	NA	NA	NA	NA	NA	NA	3.4	3.3	4.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	NA	NA	NA	7.7	4.3	4.5	3.9	3.4	4.3	3.8	4.8	Decreased (1999–2017)
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	NA	NA	NA	NA	NA	NA	2.6	3.3	2.8	—
Sexual Behaviors												
Had sexual intercourse for the first time before age 13 years	7.3	7.1	7.0	6.8	5.1	5.1	6.0	5.2	4.0	3.5	3.4	Decreased (1993–2017)
Had sexual intercourse with four or more persons (during their life)	11.4	11.0	9.1	12.2	9.0	6.1	11.1	8.0	7.7	6.8	5.4	Decreased (1993–2017)
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	28.7	28.9	25.8	28.5	24.1	23.6	30.5	23.9	24.8	22.3	19.2	Decreased (1993–2017)
Used a condom (during last sexual intercourse among students who were currently sexually active)	50.6	40.9	41.0	47.1	47.6	54.2	47.7	43.9	45.9	48.4	42.7	—
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	18.0	21.4	22.7	26.8	22.8	27.2	30.2	20.9	24.0	19.9	22.8	—
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active												
Birth control pills	13.9	17.4	19.3	18.1	12.7	12.2	14.5	14.3	14.9	16.7	15.9	—
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	NA	NA	NA	NA	NA	NA	NA	NA	4.4	4.6	7.9	—

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Sexual Behaviors cont.												
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	NA	NA	NA	NA	NA	NA	NA	NA	6.3	5.5	6.1	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	NA	NA	NA	NA	NA	NA	NA	25.6	26.8	29.9	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	NA	NA	NA	NA	NA	NA	NA	7.2	7.0	5.5	—
None	16.5	21.0	20.5	19.9	17.8	20.3	20.8	19.8	15.6	13.2	15.8	—
Weight and Nutrition												
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	NA	NA	NA	10.2	13.1	15.2	14.2	13.2	13.4	12.9	14.2	Increased (1999–2017)
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	NA	NA	NA	14.0	13.7	13.9	13.7	13.4	14.9	15.3	14.2	—
Described themselves as slightly or very overweight	40.8	31.1	33.5	33.5	29.6	32.7	30.3	31.9	32.7	32.0	31.5	Decreased (1993–2017)
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	NA	NA	NA	27.2	27.5	24.4	24.4	25.5	27.1	23.2	21.2	Decreased (1999–2017)
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	NA	NA	NA	5.6	7.3	7.5	6.1	6.1	5.3	7.8	7.5	—
Did not eat fruit (one or more times during the 7 days before the survey)	NA	NA	NA	11.2	14.3	12.8	10.9	11.4	8.5	13.7	13.1	—
Did not drink 100% fruit juices (one or more times during the 7 days before the survey)	NA	NA	NA	28.9	27.1	30.2	26.5	27.8	30.7	33.8	35.9	Increased (1999–2017)

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Weight and Nutrition cont.												
Drank one or more glasses per day of milk (during the 7 days before the survey)	NA	NA	NA	40.4	31.7	28.6	27.2	30.8	26.0	23.0	19.8	Decreased (1999–2017)
Did not drink milk (during the 7 days before the survey)	NA	NA	NA	15.3	20.4	23.6	22.6	23.0	24.7	29.6	35.0	Increased (1999–2017)
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	NA	NA	NA	NA	NA	22.6	20.8	17.5	15.8	13.4	11.0	Decreased (2007–2017)
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	NA	NA	NA	NA	NA	20.8	23.4	23.1	30.0	34.2	37.3	Increased (2007–2017)
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	38.1	36.0	35.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	10.1	12.1	14.1	Increased (2013–2017)
Physical Activity												
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)												
0 days	NA	NA	NA	NA	NA	NA	NA	18.5	17.4	18.0	19.3	—
5 or more days	NA	NA	NA	NA	NA	NA	NA	37.9	40.2	38.1	36.6	—
All 7 days	NA	NA	NA	NA	NA	NA	NA	21.0	22.0	20.3	19.6	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	46.3	46.0	42.4	—

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Physical Activity cont.												
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	42.5	41.6	40.4	41.9	38.1	38.5	43.8	41.6	39.1	42.4	39.7	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	19.2	17.5	11.6	8.9	12.1	7.8	11.4	6.9	7.3	6.7	5.8	Decreased (1993–2017)
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	54.8	52.1	52.2	50.2	Decreased (2011–2017)
Watched 3 or more hours per day of television (on an average school day)	NA	NA	NA	44.7	36.9	32.9	30.1	31.7	29.3	21.8	18.4	Decreased (1999–2017)
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	NA	NA	NA	NA	NA	31.1	27.4	36.6	42.1	40.6	40.7	Increased (2007–2017)
Health												
Were ever told by a doctor or nurse that they had asthma	NA	NA	NA	NA	NA	NA	NA	NA	30.1	31.3	30.2	—
Still had asthma	NA	NA	NA	NA	NA	NA	NA	NA	12.7	13.1	12.2	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	62.2	61.9	65.9	Increased (2013–2017)
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	70.3	70.8	74.4	Increased (2013–2017)
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	NA	NA	NA	NA	NA	NA	NA	2.0	2.5	1.8	—
Had a toothache (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	NA	31.4	29.2	24.4	Decreased (2013–2017)

table continues

Table C2. 1993–2017 Hawai‘i Youth Risk Behavior Survey Public High School Trends cont.

Survey Item	1993 %	1995 %	1997 %	1999 %	2005 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Protective Factors												
Were ever taught in school about AIDS or HIV infection	90.3	91.6	94.3	90.6	83.2	87.1	80.9	83.6	81.9	75.6	70.9	Decreased (1993–2017)
Had 8 or more hours of sleep (on an average school night)	NA	NA	NA	NA	NA	NA	NA	NA	26.8	24.7	22.8	Decreased (2013–2017)
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	45.3	39.1	38.6	44.1	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	NA	NA	NA	NA	NA	NA	65.5	66.3	68.2	63.5	61.6	Decreased (2009–2017)
Had an adult outside of school they could talk to about things that were important to them	NA	NA	NA	NA	NA	NA	76.5	77.3	76.7	73.2	71.8	Decreased (2009–2017)
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	57.1	62.5	66.2	66.8	71.1	Increased (2009–2017)
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	NA	NA	NA	NA	NA	75.6	74.6	80.2	76.3	73.6	68.4	Decreased (2007–2017)

Table C3. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public High School Hawai‘i County Results and Trends (2013 *n* = 1,162; 2015 *n* = 1,387; and 2017 *n* = 1,517) and 2017 State Results (*n* = 6,031)

Survey Item	Hawai‘i County						2017	
	2011 % ^a	2013 %	2015 %	2017 %	Linear Change ^b	2017 vs. 2015 ^c	State %	Hawai‘i County vs. State ^c
Socio-Demographics								
Females	NA ^d	50.4	50.2	51.2	NA	— ^e	50.6	—
Males	NA	49.6	49.8	48.8	NA	—	49.4	—
Gay, lesbian, or bisexual	NA	6.5	10.2	11.5	NA	—	11.2	—
Transgender	NA	NA	NA	2.8	NA	NA	3.1	—
Ethnicity/Race								
Filipino	NA	18.5	17.2	17.2	NA	—	27.5	Less Likely
Hispanic/Latino	NA	9.1	9.3	12.4	NA	Increased	10.0	More Likely
Native Hawaiian	NA	33.3	35.2	36.7	NA	—	23.8	More Likely
Other Asian/Pacific Islander	NA	13.4	13.2	7.2	NA	Decreased	13.0	Less Likely
White	NA	18.4	18.0	18.2	NA	—	15.3	—
All other races	NA	0.8	0.6	0.5	NA	—	0.9	Less Likely
Multiple races	NA	6.5	5.9	7.8	NA	Increased	9.5	Less Likely
Did not describe themselves as only one race or ethnicity	NA	21.1	20.0	23.9	—	Increased	19.0	More Likely
Grade 9	NA	28.5	28.3	29.2	NA	—	28.2	—
Grade 10	NA	23.9	25.0	26.1	NA	—	25.3	—
Grade 11	NA	23.5	23.0	22.3	NA	—	23.7	—

^a Participation was not high enough to obtain weighted results

^b Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^c Based on *t*-test analysis, *p* < .05

^d Not available

^e No statistically significant difference, *p* < .05

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Socio-Demographics cont.								
Grade 12	NA	23.8	23.1	21.6	NA	—	22.2	—
Ungraded or other grade	NA	0.3	0.6	0.9	NA	—	0.5	—
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	16.7	NA	NA	19.7	Less Likely
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	4.6	NA	NA	4.0	—
Injuries and Violence								
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	NA	26.6	23.3	23.6	—	—	20.6	—
Texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey among students who drove)	NA	42.5	40.9	37.4	—	—	38.2	—
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	NA	14.6	14.7	16.8	—	—	11.8	More Likely
Were in a physical fight (one or more times during the 12 months before the survey)	NA	15.6	16.6	19.5	—	—	16.8	More Likely
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	NA	8.6	12.2	10.5	—	—	9.3	—
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	NA	15.7	16.1	15.1	—	—	14.6	—
Were bullied on school property (during the 12 months before the survey)	NA	23.5	19.8	21.3	—	—	18.4	More Likely

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Injuries and Violence cont.								
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	NA	NA	NA	44.8	NA	NA	38.6	—
Were ever physically forced to have sexual intercourse (when they did not want to)	NA	8.9	11.0	8.1	—	Decreased	8.3	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	34.6	28.3	NA	Decreased	29.9	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	10.6	11.9	10.3	—	—	11.3	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	13.3	NA	NA	11.7	—
Mental Health and Suicide								
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	NA	20.9	25.5	22.4	—	—	19.1	More Likely
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	NA	29.7	32.0	31.4	—	—	29.5	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	52.8	NA	NA	54.9	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Mental Health and Suicide cont.								
Seriously considered attempting suicide (during the 12 months before the survey)	NA	15.6	16.6	18.6	—	—	16.0	More Likely
Made a plan about how they would attempt suicide (during the 12 months before the survey)	NA	14.8	15.5	15.7	—	—	13.8	—
Attempted suicide (one or more times during the 12 months before the survey)	NA	9.7	14.6	11.5	—	—	10.0	—
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	NA	3.9	5.0	3.5	—	—	2.4	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	24.2	NA	NA	21.1	More Likely
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	NA	NA	27.2	25.8	NA	—	22.1	More Likely
First tried cigarette smoking before age 13 years (even one or two puffs)	NA	NA	NA	14.1	NA	NA	10.8	More Likely
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	NA	11.4	11.4	10.1	—	—	8.1	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	NA	3.2	2.4	1.8	Decreased	—	1.7	—
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	NA	2.0	1.5	1.1	Decreased	—	1.2	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Tobacco Use cont.								
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	48.7	49.6	NA	—	42.3	More Likely
First tried using an electronic vapor product before age 13 years (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	NA	10.7	NA	NA	9.0	—
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	29.5	34.1	NA	Increased	25.5	More Likely
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	NA	60.5	58.0	58.7	NA	—	49.0	More Likely
Drank alcohol for the first time before age 13 years (other than a few sips)	NA	22.9	22.4	20.5	—	—	16.8	More Likely
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	NA	31.7	29.9	32.1	—	—	24.5	More Likely
Usually got the alcohol they drank by buying it themselves (during the 30 days before the survey)	NA	NA	NA	15.1	NA	NA	16.1	—
Were currently binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	NA	16.3	NA	NA	12.6	More Likely
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	NA	85.8	83.3	86.0	—	—	87.7	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Alcohol and Other Drug Use cont.								
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	NA	25.3	24.0	24.2	—	—	19.7	More Likely
Ever used alcohol or drugs while they were alone	NA	21.3	21.9	24.4	—	—	18.0	More Likely
Ever forgot things they did while using alcohol or drugs	NA	20.2	19.8	17.3	—	—	16.0	—
Ever had family or friends tell them that they should cut down on their drinking or drug use	NA	11.7	13.4	16.9	Increased	—	13.3	More Likely
Ever got into trouble while using alcohol or drugs	NA	17.2	15.9	16.2	—	—	13.0	More Likely
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	18.8	22.8	NA	—	16.8	More Likely
Ever used marijuana	NA	42.4	40.7	41.6	—	—	31.1	More Likely
Tried marijuana for the first time before age 13 years	NA	14.5	15.5	14.9	—	—	9.1	More Likely
Currently used marijuana (one or more times during the 30 days before the survey)	NA	23.6	22.6	24.1	—	—	18.1	More Likely
Usually used marijuana by smoking it (in a joint, bong, pipe, or blunt during the 30 days before the survey among students who used marijuana)	NA	NA	75.4	73.5	NA	—	76.2	—
Ever used any of the following drugs one or more times during their life								
Any form of cocaine (such as powder, crack, or freebase)	NA	7.5	7.4	7.5	—	—	7.1	—
Ecstasy (also called “MDMA”)	NA	8.2	9.7	7.2	—	—	6.0	—
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	NA	8.7	10.6	10.9	—	—	7.6	More Likely

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Alcohol and Other Drug Use cont.								
Heroin (also called “smack,” “junk,” or “China white”)	NA	3.4	5.6	6.0	—	—	4.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	NA	4.8	6.3	5.7	—	—	4.8	—
Synthetic marijuana (also called “K2,” “Spice,” “fake weed,” “King Kong,” “Yucatan Fire,” “Skunk,” or “Moon Rocks”)	NA	NA	8.3	8.7	NA	—	6.3	More Likely
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet one or more times during their life)	NA	NA	NA	15.5	NA	NA	12.2	More Likely
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	2.8	4.9	3.5	—	—	2.8	—
Sexual Behaviors								
Ever had sexual intercourse	NA	40.4	31.3	31.9	NA	—	28.2	—
Had sexual intercourse for the first time before age 13 years	NA	6.9	4.5	5.0	—	—	3.4	More Likely
Had sexual intercourse with four or more persons (during their life)	NA	10.6	8.6	7.1	Decreased	—	5.4	More Likely
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	NA	27.9	23.8	22.1	Decreased	—	19.2	—
Used a condom (during last sexual intercourse among students who were currently sexually active)	NA	49.4	47.3	49.1	—	—	42.7	—
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	NA	24.3	24.6	18.9	—	—	22.8	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Sexual Behaviors cont.								
Ever had sexual contact with both males and females	NA	4.2	4.2	5.4	NA	Increased	4.2	—
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active								
Birth control pills	NA	19.1	23.6	16.2	—	—	15.9	—
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	NA	3.9	5.5	6.3	—	—	7.9	—
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	NA	8.7	6.8	6.9	—	—	6.1	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	31.7	35.9	29.4	—	—	29.9	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	11.0	7.4	8.0	—	—	5.5	—
None	NA	15.4	13.1	19.7	—	—	15.8	—
Weight and Nutrition								
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	NA	13.4	15.3	16.7	—	—	14.2	More Likely
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	NA	15.3	15.1	13.6	—	—	14.2	—
Described themselves as slightly or very overweight	NA	32.0	31.6	32.9	—	—	31.5	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Weight and Nutrition cont.								
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	NA	28.3	25.4	22.8	Decreased	—	21.2	—
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	NA	5.2	8.2	8.4	Increased	—	7.5	—
Did not eat fruit (during the 7 days before the survey)	NA	8.8	14.0	13.9	Increased	—	13.1	—
Did not drink 100% fruit juices (during the 7 days before the survey)	NA	34.2	32.9	36.9	—	—	35.9	—
Ate vegetables three or more times per day (during the 7 days before the survey)	NA	NA	NA	12.3	NA	NA	11.8	—
Did not eat vegetables (during the 7 days before the survey)	NA	NA	NA	8.7	NA	NA	8.4	—
Drank one or more glasses per day of milk (during the 7 days before the survey)	NA	27.1	22.0	20.7	Decreased	—	19.8	—
Did not drink milk (during the 7 days before the survey)	NA	25.5	30.2	34.0	Increased	—	35.0	—
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	NA	14.5	15.8	13.9	—	—	11.0	More Likely
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	NA	28.7	31.9	34.2	Increased	—	37.3	—
Drank a can, bottle, pouch, or glass of a juice drink one or more times per day (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	14.3	15.2	NA	—	10.2	More Likely

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Weight and Nutrition cont.								
Did not drink a juice drink (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	33.0	29.9	NA	—	34.2	Less Likely
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	37.7	32.5	35.1	—	—	35.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	9.1	13.5	14.1	Increased	—	14.1	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	7.4	7.0	NA	—	6.7	—
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	NA	13.7	18.0	19.1	Increased	—	19.3	—
5 or more days	NA	45.4	38.5	39.6	—	—	36.6	—
All 7 days	NA	24.8	22.1	20.4	—	—	19.6	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	50.4	45.5	44.4	Decreased	—	42.4	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	NA	48.9	46.1	49.4	—	—	39.7	More Likely
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	NA	6.9	7.2	4.6	—	—	5.8	—

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Physical Activity cont.								
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	NA	59.9	56.5	55.1	—	—	50.2	More Likely
Watched 3 or more hours per day of television (on an average school day)	NA	25.8	22.0	18.2	Decreased		18.4	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	NA	40.4	37.7	38.7	—	—	40.7	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	27.0	23.6	NA	—	36.7	Less Likely
Health								
Were ever told by a doctor or nurse that they had asthma	NA	34.6	34.1	33.1	—	—	30.2	More Likely
Still had asthma	NA	16.6	15.8	14.8	—	—	12.2	More Likely
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	60.5	59.4	58.5	—	—	65.9	Less Likely
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	68.3	68.2	69.0	—	—	74.4	Less Likely
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	2.1	2.8	2.0	—	—	1.8	—
Had a toothache (during the 12 months before the survey)	NA	32.4	32.2	28.8	—	—	24.4	More Likely

table continues

Table C3. 2011–2017 Hawai‘i YRBS Public High School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Health cont.								
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	46.4	NA	NA	43.1	
Protective Factors								
Were ever taught in school about AIDS or HIV infection	NA	85.9	80.5	72.5	Decreased	Decreased	70.9	—
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	10.6	NA	10.4	NA	NA	11.7	—
Had 8 or more hours of sleep (on an average school night)	NA	36.2	27.8	26.6	Decreased	—	22.8	More Likely
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	NA	43.6	42.4	45.2	—	—	44.1	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	53.7	57.7	NA	—	52.4	More Likely
Had at least one teacher or other adult in their school they could talk to if they had a problem	NA	67.9	63.0	65.9	—	—	61.6	More Likely
Had an adult outside of school they could talk to about things that were important to them	NA	78.7	70.1	73.5	—	—	71.8	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	NA	67.1	63.9	69.4	—	Increased	71.1	—
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	NA	75.5	68.9	64.5	Decreased	—	68.4	Less Likely

Table C4. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public High School Honolulu County Results and Trends (2011 *n* = 1,362; 2013 *n* = 1,346; 2015 *n* = 1,949; and 2017 *n* = 1,917) and 2017 State Results (*n* = 6,031)

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Honolulu County vs. State ^b
Socio-Demographics								
Females	50.8	50.2	49.7	50.5	NA ^c	— ^d	50.6	—
Males	49.2	49.8	50.3	49.5	NA	—	49.4	—
Gay, lesbian, or bisexual	7.4	6.9	8.8	11.5	NA	Increased	11.2	—
Transgender	NA	NA	NA	3.1	NA	NA	3.1	—
Ethnicity/Race								
Filipino	26.5	28.4	28.4	28.1	NA	—	27.5	—
Hispanic/Latino	10.1	9.9	9.0	9.4	NA	—	10.0	Less Likely
Native Hawaiian	21.0	20.0	20.1	20.4	NA	—	23.8	Less Likely
Other Asian/Pacific Islander	15.9	19.5	18.9	16.6	NA	—	13.0	More Likely
White	11.8	12.6	12.6	13.8	NA	—	15.3	—
All other races	1.9	1.2	0.8	1.1	NA	—	0.9	More Likely
Multiple races	12.8	8.4	10.2	10.6	NA	—	9.5	More Likely
Did not describe themselves as only one race or ethnicity	NA	20.4	17.6	18.1	—	Increased	19.0	—
Grade 9	29.3	28.7	28.9	28.3	NA	—	28.2	—
Grade 10	25.4	24.9	25.1	25.3	NA	—	25.3	—
Grade 11	23.7	23.2	22.8	23.7	NA	—	23.7	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Socio-Demographics cont.								
Grade 12	21.4	23.0	23.2	22.4	NA	—	22.2	—
Ungraded or other grade	0.2	0.2	0.1	0.4	NA	—	0.5	—
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	21.4	NA	NA	19.7	—
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	3.7	NA	NA	4.0	—
Injuries and Violence								
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	NA	20.2	18.1	18.8	—	—	20.6	Less Likely
Texted or e-mailed while driving a car or other vehicle in the past 30 days (on at least 1 day during the 30 days before the survey among students who drove)	NA	41.7	37.9	35.3	—	—	38.2	Less Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	11.6	8.8	9.2	10.3	—	—	11.8	Less Likely
Were in a physical fight (one or more times during the 12 months before the survey)	20.9	17.1	14.4	15.6	Decreased	—	16.8	Less Likely
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	6.1	8.6	8.4	8.7	—	—	9.3	—
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	14.7	15.8	13.9	14.0	—	—	14.6	—
Were bullied on school property (during the 12 months before the survey)	19.7	17.7	18.0	17.1	—	—	18.4	Less Likely

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Injuries and Violence cont.								
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	NA	NA	NA	36.0	NA	NA	38.6	Less Likely
Were ever physically forced to have sexual intercourse (when they did not want to)	6.4	8.1	8.3	8.1	—	—	8.3	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	33.3	29.8	NA	—	29.9	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	11.3	8.9	11.9	—	—	11.3	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	11.0	NA	NA	11.7	—
Mental Health and Suicide								
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	NA	20.6	22.6	18.3	—	Decreased	19.1	—
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	30.2	30.3	29.0	28.6	—	—	29.5	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	55.0	NA	NA	54.9	—

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Mental Health and Suicide cont.								
Seriously considered attempting suicide (during the 12 months before the survey)	16.1	17.5	16.2	15.1	—	—	16.0	Less Likely
Made a plan about how they would attempt suicide (during the 12 months before the survey)	15.2	15.4	15.9	13.3	—	Decreased	13.8	—
Attempted suicide (one or more times during the 12 months before the survey)	7.9	11.1	9.5	9.5	—	—	10.0	—
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	3.4	2.9	2.9	2.1	—	—	2.4	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	20.3	NA	NA	21.1	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	36.2	NA	24.1	20.0	NA	—	22.1	Less Likely
First tried cigarette smoking before age 13 years (even one or two puffs)	NA	NA	NA	9.6	NA	NA	10.8	Less Likely
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	9.7	10.1	9.2	6.8	Decreased	—	8.1	Less Likely
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	4.0	3.1	1.8	1.3	Decreased	—	1.7	—
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	2.2	2.4	1.1	1.0	Decreased	—	1.2	—

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Tobacco Use cont.								
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	43.2	39.0	NA	—	42.3	Less Likely
First tried using an electronic vapor product before age 13 years (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	NA	8.0	NA	NA	9.0	Less Likely
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	23.4	22.0	NA	—	25.5	Less Likely
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	53.6	49.3	47.0	45.9	NA	—	49.0	Less Likely
Drank alcohol for the first time before age 13 years (other than a few sips)	17.5	16.3	15.0	15.4	—	—	16.8	Less Likely
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	26.8	22.6	23.5	21.0	Decreased	—	24.5	Less Likely
Usually got the alcohol they drank by buying it themselves (during the 30 days before the survey)	NA	NA	NA	17.6	NA	NA	16.1	—
Were currently binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	NA	10.6	NA	NA	12.6	Less Likely
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	88.6	86.8	88.7	87.6	—	—	87.7	—

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Alcohol and Other Drug Use cont.								
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	22.6	20.7	19.2	18.0	Decreased	—	19.7	Less Likely
Ever used alcohol or drugs while they were alone	15.6	15.2	15.9	16.2	—	—	18.0	Less Likely
Ever forgot things they did while using alcohol or drugs	17.1	14.8	15.3	15.0	—	—	16.0	Less Likely
Ever had family or friends tell them that they should cut down on their drinking or drug use	14.0	11.4	10.4	12.0	—	—	13.3	Less Likely
Ever got into trouble while using alcohol or drugs	14.5	11.3	12.1	11.6	—	—	13.0	Less Likely
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	16.3	14.8	NA	—	16.8	Less Likely
Ever used marijuana	32.4	31.9	29.8	27.5	NA	—	31.1	Less Likely
Tried marijuana for the first time before age 13 years	6.7	9.0	7.4	7.3	—	—	9.1	Less Likely
Currently used marijuana (one or more times during the 30 days before the survey)	19.1	16.5	18.1	15.8	—	—	18.1	Less Likely
Usually used marijuana by smoking it (in a joint, bong, pipe, or blunt during the 30 days before the survey among students who used marijuana)	NA	NA	86.5	76.4	NA	Decreased	76.2	—
Ever used any of the following drugs one or more times during their life								
Any form of cocaine (such as powder, crack, or freebase)	5.4	6.3	5.1	6.6	—	—	7.1	—
Ecstasy (also called “MDMA”)	9.0	8.4	7.6	5.6	Decreased	—	6.0	—
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	NA	5.0	7.3	6.3	—	—	7.6	Less Likely

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Alcohol and Other Drug Use cont.								
Heroin (also called “smack,” “junk,” or “China white”)	NA	3.5	2.7	3.9	—	—	4.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.3	4.2	3.1	4.3	—	—	4.8	—
Synthetic marijuana (also called “K2,” “Spice,” “fake weed,” “King Kong,” “Yucatan Fire,” “Skunk,” or “Moon Rocks”)	NA	NA	6.9	5.4	NA	—	6.3	Less Likely
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet one or more times during their life)	NA	NA	NA	11.3	NA	NA	12.2	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	2.5	3.0	2.4	—	—	2.8	Less Likely
Sexual Behaviors								
Ever had sexual intercourse	35.4	34.2	29.9	25.6	NA	—	28.2	Less Likely
Had sexual intercourse for the first time before age 13 years	4.7	3.5	2.8	2.9	Decreased	—	3.4	Less Likely
Had sexual intercourse with four or more persons (during their life)	7.2	6.6	6.0	4.7	Decreased	—	5.4	Less Likely
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	22.3	23.8	21.8	17.2	Decreased	Decreased	19.2	Less Likely
Used a condom (during last sexual intercourse among students who were currently sexually active)	43.7	45.3	49.0	38.6	—	—	42.7	Less Likely
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	20.5	24.1	18.3	22.0	—	—	22.8	—

table continues

Table C4. 2011–2017 Hawai'i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Sexual Behaviors cont.								
Ever had sexual contact with both males and females	4.1	3.9	3.1	4.0	NA	—	4.2	—
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active								
Birth control pills	11.7	11.1	14.8	15.4	—	—	15.9	—
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	NA	5.4	4.0	9.0	—	—	7.9	—
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	NA	5.8	5.5	5.8	—	—	6.1	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	22.3	24.3	30.2	—	—	29.9	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	6.0	6.4	4.5	—	—	5.5	—
None	20.2	15.5	12.0	15.7	—	—	15.8	—
Weight and Nutrition								
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	13.3	13.3	12.3	13.3	—	—	14.2	Less Likely
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	12.5	14.3	15.5	14.0	—	—	14.2	—
Described themselves as slightly or very overweight	33.0	33.0	32.2	30.8	—	—	31.5	—

table continues

Table C4. 2011–2017 Hawai'i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Weight and Nutrition cont.								
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	25.0	26.7	22.2	20.2	Decreased	—	21.2	Less Likely
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	6.2	5.5	8.2	7.2	—	—	7.5	—
Did not eat fruit (during the 7 days before the survey)	11.8	8.7	14.0	13.0	—	—	13.1	—
Did not drink 100% fruit juices (during the 7 days before the survey)	27.6	29.9	34.4	35.4	Increased	—	35.9	—
Ate vegetables three or more times per day (during the 7 days before the survey)	NA	NA	NA	11.6	NA	NA	11.8	—
Did not eat vegetables (during the 7 days before the survey)	NA	NA	NA	8.0	NA	NA	8.4	—
Drank one or more glasses per day of milk (during the 7 days before the survey)	31.6	26.5	24.0	20.1	Decreased	—	19.8	—
Did not drink milk (during the 7 days before the survey)	22.9	24.3	29.4	35.0	Increased	Increased	35.0	—
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	16.9	16.7	13.5	10.4	Decreased	Decreased	11.0	—
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	23.3	29.7	33.8	38.3	Increased	—	37.3	More Likely
Drank a can, bottle, pouch, or glass of a juice drink one or more times per day (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	12.3	9.0	NA	—	10.2	Less Likely

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Weight and Nutrition cont.								
Did not drink a juice drink (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	32.0	35.5	NA	—	34.2	More Likely
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	38.2	36.9	36.6	—	—	35.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	10.5	11.4	14.3	—	Increased	14.1	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	8.1	6.0	NA	Decreased	6.7	Less Likely
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	19.6	19.1	18.8	19.3	—	—	19.3	—
5 or more days	36.8	38.3	38.0	36.0	—	—	36.6	—
All 7 days	20.1	20.8	20.0	19.4	—	—	19.6	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	44.3	46.0	42.2	—	—	42.4	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	39.7	35.9	41.0	36.2	—	—	39.7	Less Likely
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	6.4	7.3	6.1	5.5	—	—	5.8	—

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Physical Activity cont.								
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	53.9	50.1	51.1	49.1	Decreased	—	50.2	Less Likely
Watched 3 or more hours per day of television (on an average school day)	33.0	30.3	21.6	18.2	Decreased	—	18.4	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	39.6	43.5	41.9	40.8	—	—	40.7	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	42.9	41.3	NA	—	36.7	More Likely
Health								
Were ever told by a doctor or nurse that they had asthma	NA	29.2	30.8	29.3	—	—	30.2	Less Likely
Still had asthma	NA	11.9	12.4	11.3	—	—	12.2	Less Likely
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	62.8	63.9	68.0	Increased	—	65.9	More Likely
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	71.6	72.5	76.5	Increased	—	74.4	More Likely
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	1.5	2.2	1.4	—	—	1.8	—
Had a toothache (during the 12 months before the survey)	NA	31.3	28.0	22.7	Decreased	Decreased	24.4	Less Likely

table continues

Table C4. 2011–2017 Hawai‘i YRBS Public High School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Health cont.								
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	42.9	NA	NA	43.1	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	84.5	81.8	74.0	70.2	Decreased	—	70.9	—
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	10.8	NA	12.0	NA	NA	11.7	—
Had 8 or more hours of sleep (on an average school night)	NA	23.6	24.2	22.2	—	—	22.8	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	44.2	37.2	37.6	43.4	—	Increased	44.1	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	46.8	51.2	NA	—	52.4	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	66.7	69.6	64.6	61.0	Decreased	—	61.6	—
Had an adult outside of school they could talk to about things that were important to them	77.2	76.4	74.0	71.6	Decreased	—	71.8	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	60.7	65.5	66.5	70.9	Increased	—	71.1	—
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	81.5	77.3	75.6	69.2	Decreased	Decreased	68.4	—

Table C5. 2010–2017 Hawai‘i Youth Risk Behavior Survey Public High School Kaua‘i County Results and Trends (2010 *n* = 982; 2013 *n* = 899; 2015 *n* = 1,133; and 2017 *n* = 1,205) and 2017 State Results (*n* = 6,031)

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Kaua‘i County vs. State ^b
Socio-Demographics								
Females	49.7	51.5	51.2	49.7	NA ^c	— ^d	50.6	—
Males	50.3	48.5	48.8	50.3	NA	—	49.4	—
Gay, lesbian, or bisexual	7.0	5.0	8.3	8.6	NA	—	11.2	Less Likely
Transgender	NA	NA	NA	2.8	NA	NA	3.1	—
Ethnicity/Race								
Filipino	30.4	32.6	31.2	29.9	NA	—	27.5	—
Hispanic/Latino	8.3	8.9	9.0	9.9	NA	—	10.0	—
Native Hawaiian	27.6	27.0	27.0	27.2	NA	—	23.8	—
Other Asian/Pacific Islander	5.8	3.9	3.7	3.5	NA	—	13.0	Less Likely
White	18.5	20.0	20.7	22.0	NA	—	15.3	More Likely
All other races	0.4	0.3	0.6	0.5	NA	—	0.9	—
Multiple races	8.9	7.4	7.8	7.1	NA	—	9.5	Less Likely
Did not describe themselves as only one race or ethnicity	NA	23.7	21.3	22.4	—	—	19.0	More Likely
Grade 9	27.4	28.5	26.7	25.5	NA	—	28.2	—
Grade 10	25.6	25.4	25.7	25.9	NA	—	25.3	—
Grade 11	22.7	22.4	23.6	25.0	NA	—	23.7	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Socio-Demographics cont.								
Grade 12	24.0	23.4	23.5	23.2	NA	—	22.2	—
Ungraded or other grade	0.4	0.3	0.4	0.5	NA	—	0.5	—
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	14.8	NA	NA	19.7	—
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	5.3	NA	NA	4.0	—
Injuries and Violence								
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	NA	29.8	24.6	24.5	Decreased	—	20.6	More Likely
Texted or e-mailed while driving a car or other vehicle in the past 30 days (on at least 1 day during the 30 days before the survey among students who drove)	NA	48.2	52.2	47.8	—	—	38.2	More Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	16.6	12.6	10.4	13.8	Decreased	Increased	11.8	—
Were in a physical fight (one or more times during the 12 months before the survey)	22.4	15.3	16.4	16.3	Decreased	—	16.8	—
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	7.6	7.3	9.9	9.9	—	—	9.3	—
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	16.1	10.4	16.4	16.1	—	—	14.6	—
Were bullied on school property (during the 12 months before the survey)	20.0	18.0	20.9	19.9	—	—	18.4	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Injuries and Violence cont.								
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	NA	NA	NA	47.0	NA	NA	38.6	More Likely
Were ever physically forced to have sexual intercourse (when they did not want to)	8.2	10.0	8.4	10.5	—	—	8.3	More Likely
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	26.1	28.2	NA	—	29.9	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	10.4	11.5	8.6	—	—	11.3	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	13.5	NA	NA	11.7	—
Mental Health and Suicide								
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	NA	20.5	20.8	16.4	Decreased	Decreased	19.1	—
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	24.4	30.1	29.2	28.0	—	—	29.5	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	54.3	NA	NA	54.9	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Mental Health and Suicide cont.								
Seriously considered attempting suicide (during the 12 months before the survey)	14.1	14.6	14.2	15.7	—	—	16.0	—
Made a plan about how they would attempt suicide (during the 12 months before the survey)	12.6	15.3	13.9	12.9	—	—	13.8	—
Attempted suicide (one or more times during the 12 months before the survey)	9.0	9.6	11.4	9.1	—	—	10.0	—
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	3.8	2.8	4.5	3.4	—	—	2.4	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	20.8	NA	NA	21.1	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	34.9	NA	25.8	24.2	NA	—	22.1	—
First tried cigarette smoking before age 13 years (even one or two puffs)	NA	NA	NA	10.9	NA	NA	10.8	—
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	8.4	11.3	10.3	11.9	—	—	8.1	More Likely
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	3.5	2.4	2.0	3.1	—	—	1.7	More Likely
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	2.4	1.4	1.3	2.1	—	—	1.2	More Likely

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Tobacco Use cont.								
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	45.1	45.3	NA	Increased	42.3	—
First tried using an electronic vapor product before age 13 years (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	NA	11.2	NA	NA	9.0	—
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	18.1	31.3	NA	Increased	25.5	—
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	53.0	57.0	48.3	51.4	NA	—	49.0	—
Drank alcohol for the first time before age 13 years (other than a few sips)	20.9	18.1	19.2	17.8	—	—	16.8	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	29.7	26.4	25.6	30.1	—	—	24.5	More Likely
Usually got the alcohol they drank by buying it themselves (during the 30 days before the survey)	NA	NA	NA	13.0	NA	NA	16.1	—
Were currently binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	NA	18.0	NA	NA	12.6	More Likely
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	88.7	86.4	88.9	88.0	—	—	87.7	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Alcohol and Other Drug Use cont.								
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	23.9	25.9	19.8	20.3	Decreased	—	19.7	—
Ever used alcohol or drugs while they were alone	19.2	18.5	19.8	17.4	Decreased	—	18.0	—
Ever forgot things they did while using alcohol or drugs	23.0	19.0	18.6	18.2	Decreased	—	16.0	—
Ever had family or friends tell them that they should cut down on their drinking or drug use	17.4	12.2	12.4	14.8	—	—	13.3	—
Ever got into trouble while using alcohol or drugs	19.9	15.7	14.8	14.7	Decreased	—	13.0	—
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	15.6	18.3	NA	—	16.8	—
Ever used marijuana	40.8	36.0	36.3	34.2	NA	—	31.1	—
Tried marijuana for the first time before age 13 years	16.4	12.5	12.6	9.8	Decreased	—	9.1	—
Currently used marijuana (one or more times during the 30 days before the survey)	23.4	22.7	21.3	20.9	Decreased	—	18.1	—
Usually used marijuana by smoking it (in a joint, bong, pipe, or blunt during the 30 days before the survey among students who used marijuana)	NA	NA	79.7	81.1	NA	—	76.2	—
Ever used any of the following drugs one or more times during their life								
Any form of cocaine (such as powder, crack, or freebase)	8.2	7.1	7.4	8.5	—	—	7.1	—
Ecstasy (also called “MDMA”)	9.2	5.6	8.5	6.1	Decreased	—	6.0	—
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	NA	7.6	8.2	8.6	—	—	7.6	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Alcohol and Other Drug Use cont.								
Heroin (also called “smack,” “junk,” or “China white”)	NA	2.3	4.9	5.0	—	—	4.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	5.2	3.2	5.2	5.4	—	—	4.8	—
Synthetic marijuana (also called “K2,” “Spice,” “fake weed,” “King Kong,” “Yucatan Fire,” “Skunk,” or “Moon Rocks”)	NA	NA	8.2	7.6	NA	—	6.3	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet one or more times during their life)	NA	NA	NA	11.7	NA	NA	12.2	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	2.0	3.5	4.6	—	—	2.8	More Likely
Sexual Behaviors								
Ever had sexual intercourse	36.8	36.8	32.0	33.5	NA	—	28.2	More Likely
Had sexual intercourse for the first time before age 13 years	3.5	4.9	4.7	4.5	—	—	3.4	—
Had sexual intercourse with four or more persons (during their life)	8.3	9.6	6.5	6.7	Decreased	—	5.4	—
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	25.6	24.2	21.3	24.1	—	—	19.2	More Likely
Used a condom (during last sexual intercourse among students who were currently sexually active)	46.2	45.6	51.0	53.7	—	—	42.7	More Likely
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	22.0	24.6	19.3	30.5	—	Increased	22.8	More Likely

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Sexual Behaviors cont.								
Ever had sexual contact with both males and females	2.4	2.0	4.5	4.3	NA	—	4.2	—
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active								
Birth control pills	20.9	21.1	18.5	23.0	—	—	15.9	More Likely
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	NA	2.2	6.2	3.2	—	—	7.9	Less Likely
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	NA	5.8	2.7	6.4	—	—	6.1	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	29.0	27.4	32.6	—	—	29.9	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	8.9	9.8	10.7	—	—	5.5	More Likely
None	16.4	16.7	17.0	17.1	—	—	15.8	—
Weight and Nutrition								
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	12.4	14.4	13.6	14.8	—	—	14.2	—
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	11.9	15.8	14.3	16.0	Increased	—	14.2	—
Described themselves as slightly or very overweight	24.8	32.9	31.1	29.5	Increased	—	31.5	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Weight and Nutrition cont.								
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	27.3	24.9	21.9	22.8	Decreased	—	21.2	—
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	5.0	6.5	6.8	8.9	Increased	—	7.5	—
Did not eat fruit (during the 7 days before the survey)	9.8	10.6	14.2	14.3	Increased	—	13.1	—
Did not drink 100% fruit juices (during the 7 days before the survey)	24.4	32.3	28.9	36.7	Increased	Increased	35.9	—
Ate vegetables three or more times per day (during the 7 days before the survey)	NA	NA	NA	12.6	NA	NA	11.8	—
Did not eat vegetables (during the 7 days before the survey)	NA	NA	NA	10.1	NA	NA	8.4	—
Drank one or more glasses per day of milk (during the 7 days before the survey)	27.7	23.8	19.7	16.7	Decreased	—	19.8	Less Likely
Did not drink milk (during the 7 days before the survey)	24.6	26.3	31.6	38.9	Increased	Increased	35.0	—
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	18.2	13.7	12.8	10.3	Decreased	—	11.0	—
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	23.5	35.1	37.8	35.6	Increased	—	37.3	—
Drank a can, bottle, pouch, or glass of a juice drink one or more times per day (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	11.4	10.8	NA	—	10.2	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Weight and Nutrition cont.								
Did not drink a juice drink (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	31.6	34.6	NA	—	34.2	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	39.3	32.7	32.6	Decreased	—	35.9	Less Likely
Did not eat breakfast (during the 7 days before the survey)	NA	8.5	13.4	15.0	Increased	—	14.1	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	5.9	8.0	NA	—	6.7	—
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	17.5	17.5	18.9	17.7	—	—	19.3	—
5 or more days	40.6	39.3	35.1	39.3	—	—	36.6	—
All 7 days	24.3	20.5	19.5	22.0	—	—	19.6	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	46.6	43.3	40.8	Decreased	—	42.4	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	36.7	35.8	34.2	38.5	—	—	39.7	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	11.6	3.6	10.3	9.3	—	—	5.8	More Likely

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Physical Activity cont.								
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	58.5	53.5	57.6	54.8	—	—	50.2	More Likely
Watched 3 or more hours per day of television (on an average school day)	25.8	27.9	23.0	19.0	Decreased	—	18.4	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	27.3	39.4	37.6	36.5	Increased	—	40.7	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	22.7	20.4	NA	—	36.7	Less Likely
Health								
Were ever told by a doctor or nurse that they had asthma	NA	31.1	33.5	32.6	—	—	30.2	—
Still had asthma	NA	14.3	16.6	13.2	—	—	12.2	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	56.8	52.6	60.9	—	Increased	65.9	Less Likely
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	64.1	67.7	70.6	Increased	—	74.4	Less Likely
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	3.0	2.4	3.0	—	—	1.8	More Likely
Had a toothache (during the 12 months before the survey)	NA	29.6	32.4	27.1	—	Decreased	24.4	—

table continues

Table C5. 2011–2017 Hawai‘i YRBS Public High School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Health cont.								
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	44.1	NA	NA	43.1	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	80.8	80.6	74.6	68.7	Decreased	Decreased	70.9	—
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	6.9	NA	13.0	NA	NA	11.7	—
Had 8 or more hours of sleep (on an average school night)	NA	28.9	26.3	23.8	Decreased	—	22.8	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	47.5	37.8	40.6	45.7	—	—	44.1	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	49.2	52.5	NA	—	52.4	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	63.2	63.2	59.3	63.3	—	—	61.6	—
Had an adult outside of school they could talk to about things that were important to them	79.6	75.8	71.8	71.4	Decreased	—	71.8	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	68.2	66.3	73.9	75.9	Increased	—	71.1	More Likely
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	78.6	74.1	70.0	68.2	Decreased	—	68.4	—

Table C6. 2010–2017 Hawai‘i Youth Risk Behavior Survey Public High School Maui County Results and Trends (2010 *n* = 1,255; 2013 *n* = 1,224; 2015 *n* = 1,620; and 2017 *n* = 1,392) and 2017 State Results (*n* = 6,031)

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Maui County vs. State ^b
Socio-Demographics								
Females	51.5	51.8	51.4	50.7	NA ^c	— ^d	50.6	—
Males	48.5	48.2	48.6	49.3	NA	—	49.4	—
Gay, lesbian, or bisexual	5.7	4.8	6.4	10.0	NA	Increased	11.2	—
Transgender	NA	NA	NA	3.3	NA	NA	3.1	—
Ethnicity/Race								
Filipino	31.4	33.5	34.1	34.1	NA	—	27.5	More Likely
Hispanic/Latino	8.9	6.4	8.1	11.1	NA	Increased	10.0	—
Native Hawaiian	25.8	25.9	25.3	26.7	NA	—	23.8	—
Other Asian/Pacific Islander	6.6	9.8	8.9	4.3	NA	Decreased	13.0	Less Likely
White	18.0	18.2	17.3	16.7	NA	—	15.3	—
All other races	0.3	0.4	0.6	0.2	NA	Decreased	0.9	Less Likely
Multiple races	9.0	5.8	5.7	7.0	NA	—	9.5	Less Likely
Did not describe themselves as only one race or ethnicity	NA	19.8	19.8	17.2	—	—	19.0	—
Grade 9	29.4	28.1	30.2	28.2	NA	—	28.2	—
Grade 10	25.6	26.0	24.6	24.4	NA	—	25.3	—
Grade 11	22.8	22.1	21.7	25.1	NA	—	23.7	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Socio-Demographics cont.								
Grade 12	21.9	23.6	22.9	21.2	NA	—	22.2	—
Ungraded or other grade	0.3	0.2	0.6	1.1	NA	—	0.5	—
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	16.1	NA	NA	19.7	—
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	4.5	NA	NA	4.0	—
Injuries and Violence								
Rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs (during the 30 days before the survey)	NA	30.6	27.0	25.6	—	—	20.6	More Likely
Texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey among students who drove)	NA	47.5	43.3	45.3	—	—	38.2	More Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	16.4	13.8	14.4	13.9	Decreased	—	11.8	—
Were in a physical fight (one or more times during the 12 months before the survey)	22.4	16.6	15.7	20.1	Decreased	Increased	16.8	More Likely
Did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	6.8	7.6	9.4	10.4	Increased	—	9.3	—
Were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	13.3	16.8	16.4	16.4	—	—	14.6	—
Were bullied on school property (during the 12 months before the survey)	20.9	19.1	19.2	21.7	—	—	18.4	More Likely

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Injuries and Violence cont.								
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	NA	NA	NA	42.1	NA	NA	38.6	—
Were ever physically forced to have sexual intercourse (when they did not want to)	8.4	8.6	9.0	8.4	—	—	8.3	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	29.2	32.5	NA	—	29.9	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	10.8	11.0	10.6	—	—	11.3	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	13.4	NA	NA	11.7	—
Mental Health and Suicide								
Purposely hurt themselves without wanting to die (such as cutting or burning themselves one or more times during the 12 months before the survey)	NA	20.5	23.3	21.1	—	—	19.1	—
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	27.7	27.0	30.0	33.1	—	—	29.5	More Likely
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	57.4	NA	NA	54.9	—

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Mental Health and Suicide cont.								
Seriously considered attempting suicide (during the 12 months before the survey)	14.1	15.9	15.3	18.6	—	Increased	16.0	More Likely
Made a plan about how they would attempt suicide (during the 12 months before the survey)	14.1	14.5	14.8	15.0	—	—	13.8	—
Attempted suicide (one or more times during the 12 months before the survey)	9.0	10.2	11.5	11.4	—	—	10.0	—
Suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	3.3	4.3	4.1	3.1	—	—	2.4	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	22.1	NA	NA	21.1	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	35.5	NA	27.0	28.4	NA	—	22.1	More Likely
First tried cigarette smoking before age 13 years (even one or two puffs)	NA	NA	NA	13.9	NA	NA	10.8	More Likely
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	9.1	10.5	10.9	11.1	—	—	8.1	More Likely
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	2.2	2.1	2.3	2.7	—	—	1.7	More Likely
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	1.5	1.4	1.3	1.8	—	—	1.2	—

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Tobacco Use cont.								
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	51.6	50.7	NA	—	42.3	More Likely
First tried using an electronic vapor product before age 13 years (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	NA	11.2	NA	NA	9.0	—
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	32.5	32.3	NA	—	25.5	More Likely
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	55.3	58.7	53.2	54.7	NA	—	49.0	More Likely
Drank alcohol for the first time before age 13 years (other than a few sips)	21.6	17.7	19.9	19.6	—	—	16.8	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	28.7	30.9	28.7	32.8	—	—	24.5	More Likely
Usually got the alcohol they drank by buying it themselves (during the 30 days before the survey)	NA	NA	NA	13.3	NA	NA	16.1	—
Were currently binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	NA	16.7	NA	NA	12.6	More Likely
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	91.2	88.1	89.3	89.4	—	—	87.7	—

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Alcohol and Other Drug Use cont.								
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	22.4	23.9	23.3	24.1	—	—	19.7	More Likely
Ever used alcohol or drugs while they were alone	17.5	18.4	20.6	21.4	—	—	18.0	More Likely
Ever forgot things they did while using alcohol or drugs	20.5	20.0	18.5	18.9	Decreased	—	16.0	More Likely
Ever had family or friends tell them that they should cut down on their drinking or drug use	13.5	9.7	11.4	16.4	—	Increased	13.3	—
Ever got into trouble while using alcohol or drugs	17.1	15.4	15.1	16.6	—	—	13.0	More Likely
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	17.4	21.4	NA	—	16.8	More Likely
Ever used marijuana	38.2	42.5	37.8	37.9	NA	—	31.1	More Likely
Tried marijuana for the first time before age 13 years	12.3	12.4	13.5	12.3	—	—	9.1	More Likely
Currently used marijuana (one or more times during the 30 days before the survey)	21.9	24.6	22.3	23.1	—	—	18.1	More Likely
Usually used marijuana by smoking it (in a joint, bong, pipe, or blunt during the 30 days before the survey among students who used marijuana)	NA	NA	79.6	76.3	NA	—	76.2	—
Ever used any of the following drugs one or more times during their life								
Any form of cocaine (such as powder, crack, or freebase)	5.3	6.3	6.3	8.7	—	—	7.1	—
Ecstasy (also called “MDMA”)	6.6	7.0	8.1	7.0	—	—	6.0	—
Hallucinogenic drugs (such as LSD, acid, PCP, angel dust, mescaline, or mushrooms)	NA	8.2	9.5	10.4	—	—	7.6	More Likely

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Alcohol and Other Drug Use cont.								
Heroin (also called “smack,” “junk,” or “China white”)	NA	3.9	3.7	6.0	—	—	4.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	3.6	4.3	4.3	6.2	—	—	4.8	—
Synthetic marijuana (also called “K2,” “Spice,” “fake weed,” “King Kong,” “Yucatan Fire,” “Skunk,” or “Moon Rocks”)	NA	NA	9.5	7.9	NA	—	6.3	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet one or more times during their life)	NA	NA	NA	13.6	NA	NA	12.2	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	3.0	3.5	3.9	—	—	2.8	—
Sexual Behaviors								
Ever had sexual intercourse	37.4	39.6	33.8	36.4	NA	—	28.2	More Likely
Had sexual intercourse for the first time before age 13 years	5.7	3.5	5.4	3.9	—	—	3.4	—
Had sexual intercourse with four or more persons (during their life)	9.1	9.4	9.5	7.2	Decreased	—	5.4	—
Were currently sexually active (had sexual intercourse with at least one person during the 3 months before the survey)	26.1	27.2	24.4	24.4	—	—	19.2	More Likely
Used a condom (during last sexual intercourse among students who were currently sexually active)	41.3	45.0	45.3	47.7	—	—	42.7	—
Drank alcohol or used drugs (before last sexual intercourse among students who were currently sexually active)	23.9	23.2	23.5	25.7	—	—	22.8	—

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Sexual Behaviors cont.								
Ever had sexual contact with both males and females	3.4	3.9	3.7	4.2	NA	—	4.2	—
Used the following birth control methods during or before last sexual intercourse to prevent pregnancy, among students who were currently sexually active								
Birth control pills	16.5	25.7	18.5	14.1	—	—	15.9	—
IUD (e.g., Mirena or ParaGard) or implant (e.g., Implanon or Nexplanon)	NA	1.1	6.1	7.5	Increased	—	7.9	—
Shot (e.g., Depo-Provera), patch (e.g., Ortho Evra), or birth control ring (e.g., NuvaRing)	NA	6.2	5.2	6.5	—	—	6.1	—
Birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	33.0	29.9	28.2	—	—	29.9	—
Both a condom and birth control pills; an IUD or implant; or a shot, patch, or birth control ring	NA	7.3	8.9	5.0	—	—	5.5	—
None	21.3	15.7	17.5	12.1	—	—	15.8	—
Weight and Nutrition								
Had obesity (≥ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	13.7	13.6	13.4	16.1	Increased	—	14.2	—
Were overweight (≥ 85th percentile but < 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	14.9	16.8	15.3	14.9	—	—	14.2	—
Described themselves as slightly or very overweight	30.1	31.8	31.8	34.7	Increased	—	31.5	—

table continues

Table C6. 2011–2017 Hawai'i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Weight and Nutrition cont.								
Ate fruit or drank 100% fruit juices two or more times per day (during the 7 days before the survey)	25.5	29.1	26.9	23.8	Decreased	—	21.2	—
Did not eat fruit or drink 100% fruit juices (during the 7 days before the survey)	4.9	4.0	6.2	8.1	Increased	—	7.5	—
Did not eat fruit (during the 7 days before the survey)	8.7	6.4	11.6	12.4	Increased	—	13.1	—
Did not drink 100% fruit juices (during the 7 days before the survey)	30.9	30.3	33.3	37.4	Increased	—	35.9	—
Ate vegetables three or more times per day (during the 7 days before the survey)	NA	NA	NA	12.2	NA	NA	11.8	—
Did not eat vegetables (during the 7 days before the survey)	NA	NA	NA	9.2	NA	NA	8.4	—
Drank one or more glasses per day of milk (during the 7 days before the survey)	27.9	23.1	19.6	18.6	Decreased	—	19.8	—
Did not drink milk (during the 7 days before the survey)	24.6	25.3	29.7	34.6	Increased	Increased	35.0	—
Drank a can, bottle, or glass of soda or pop one or more times per day (not counting diet soda or diet pop during the 7 days before the survey)	17.9	13.9	11.2	11.7	Decreased	—	11.0	—
Did not drink soda or pop (not counting diet soda or diet pop during the 7 days before the survey)	21.1	30.8	36.7	35.5	Increased	—	37.3	—
Drank a can, bottle, pouch, or glass of a juice drink one or more times per day (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	12.5	11.1	NA	—	10.2	—

table continues

Table C6. 2011–2017 Hawai'i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Weight and Nutrition cont.								
Did not drink a juice drink (such as fruit punch, Hawaiian Sun, Aloha Maid, Sunny Delight, or Tang not counting 100% fruit juice during the 7 days before the survey)	NA	NA	32.6	31.2	NA	—	34.2	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	38.0	36.1	34.7	—	—	35.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	9.9	13.7	12.2	—	—	14.1	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	8.0	9.9	NA	—	6.7	More Likely
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	13.7	12.4	13.2	20.1	Increased	Increased	19.3	—
5 or more days	38.5	44.9	39.7	35.0	Decreased	Decreased	36.6	—
All 7 days	21.8	25.6	20.2	18.8	Decreased	—	19.6	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	52.2	48.0	42.0	Decreased	Decreased	42.4	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	41.6	46.4	50.3	49.5	Increased	—	39.7	More Likely
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	7.7	9.6	7.7	7.4	—	—	5.8	—

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Physical Activity cont.								
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	55.9	53.3	51.4	48.6	Decreased	—	50.2	—
Watched 3 or more hours per day of television (on an average school day)	29.6	29.1	22.2	19.8	Decreased	—	18.4	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	30.5	37.7	38.2	44.7	Increased	Increased	40.7	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	32.0	32.5	NA	—	36.7	—
Health								
Were ever told by a doctor or nurse that they had asthma	NA	29.5	30.3	30.9	—	—	30.2	—
Still had asthma	NA	12.5	12.9	13.8	—	—	12.2	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	63.2	57.7	65.0	—	Increased	65.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	68.5	65.2	70.3	—	Increased	74.4	Less Likely
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	4.0	4.1	2.8	—	—	1.8	More Likely
Had a toothache (during the 12 months before the survey)	NA	31.7	31.3	28.2	—	—	24.4	More Likely

table continues

Table C6. 2011–2017 Hawai‘i YRBS Public High School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2010 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Health cont.								
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	40.2	NA	NA	43.1	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	79.8	79.2	80.2	74.2	Decreased	Decreased	70.9	—
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	12.0	NA	10.7	NA	NA	11.7	—
Had 8 or more hours of sleep (on an average school night)	NA	32.5	23.5	21.8	Decreased	—	22.8	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	44.6	44.9	39.3	46.4	—	Increased	44.1	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	49.1	53.7	NA	—	52.4	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	62.9	63.5	59.5	59.5	—	—	61.6	—
Had an adult outside of school they could talk to about things that were important to them	75.8	76.2	72.5	70.8	Decreased	—	71.8	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	65.0	69.5	68.3	71.4	Increased	—	71.1	—
Thought they probably or definitely will complete a post high school program (such as a vocational training program, military service, community college, or 4-year college)	74.5	73.1	69.2	67.6	Decreased	—	68.4	—

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Appendix D: 2013, 2015, and 2017 Hawai‘i Youth Risk Behavior Public Middle School Results

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Table D1. 2013–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Results (2013 n = 5,036; 2015 n = 6,374; and 2017 n = 6,418)

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015 ^a
Socio-Demographics				
Females	50.1	50.1	50.0	— ^b
Males	49.9	49.9	50.0	—
Gay, lesbian, or bisexual	NA ^c	NA	7.1	NA
Ethnicity/Race				
Filipino	26.2	25.9	25.5	—
Hispanic/Latino	6.6	9.2	6.6	Decreased
Native Hawaiian	24.5	25.0	24.1	—
Other Asian/Pacific Islander	13.2	17.4	23.3	—
White	22.5	13.3	14.9	—
All other races	0.6	1.1	0.6	—
Multiple races	6.3	8.0	5.0	Decreased
Did not describe themselves as only one race or ethnicity	18.2	18.0	19.0	—
Grade 6	21.7	20.6	23.0	—
Grade 7	40.6	41.3	39.4	—
Grade 8	37.6	37.7	37.3	—
Ungraded or other grade	0.1	0.4	0.3	—
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	28.3	NA
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	2.9	NA

^aBased on *t*-test analysis, *p* < .05

^bNo statistically significant difference, *p* < .05

^cNot available

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Injuries and Violence				
Ever rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs	NA	NA	22.8	NA
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 12 months before the survey)	17.5	17.9	15.1	Decreased
Were in a physical fight (one or more times during the 12 months before the survey)	21.5	21.4	17.1	Decreased
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	8.4	9.6	9.2	—
Were ever bullied on school property	44.6	45.1	40.0	Decreased
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	61.6	59.2	54.4	NA
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	23.7	25.1	22.6	—
Ever electronically bullied someone (counting bullying through texting, Instagram, Facebook, or other social media)	NA	15.7	10.9	Decreased
Texted, emailed, or posted electronically a revealing or sexual photo of themselves (during the 30 days before the survey)	NA	NA	3.4	NA
Were ever physically forced to have sexual intercourse (when they did not want to)	4.5	4.2	2.7	Decreased
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	21.6	28.7	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	14.0	15.8	19.5	Increased
Physically hurt someone they were dating or going out with (counting hitting them, slamming them into something, or injuring them with an object or weapon on purpose one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	19.5	NA

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Injuries and Violence cont.				
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	6.4	NA
Mental Health and Suicide				
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	19.6	22.8	21.8	—
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	26.5	29.0	27.2	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	47.2	NA
Ever seriously thought about killing themselves	25.4	24.8	23.1	—
Ever made a plan about how they would kill themselves	17.2	17.5	16.3	—
Ever tried to kill themselves	12.3	12.5	12.4	—
Tried to kill themselves and attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	11.8	10.8	11.8	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	14.3	NA
Tobacco Use				
Ever tried cigarette smoking (even one or two puffs)	16.4	14.9	12.3	—
First tried cigarette smoking before age 11 years (even one or two puffs)	NA	NA	5.8	NA
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	5.2	5.0	5.0	—

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Tobacco Use cont.				
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.4	0.4	0.2	—
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.3	0.3	0.2	—
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	26.3	27.0	—
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	15.7	15.7	—
Alcohol and Other Drug Use				
Ever drank alcohol (other than a few sips)	24.2	23.9	23.5	—
Drank alcohol for the first time before age 11 years (other than a few sips)	11.0	10.6	12.1	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	9.5	10.4	11.6	—
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	4.4	5.3	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	90.0	87.8	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	9.7	7.3	9.1	Increased
Ever used alcohol or drugs while they were alone	6.9	6.9	7.9	—
Ever forgot things they did while using alcohol or drugs	5.7	5.6	6.1	—

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Alcohol and Other Drug Use cont.				
Ever had family or friends tell them that they should cut down on their drinking or drug use	8.8	6.9	9.8	Increased
Ever got into trouble while using alcohol or drugs	6.3	5.1	6.5	—
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	6.6	7.2	—
Ever used marijuana	10.1	9.9	11.9	—
Tried marijuana for the first time before age 11 years	3.5	3.3	3.6	—
Currently used marijuana (one or more times during the 30 days before the survey)	7.5	7.9	7.6	—
Ever used any of the following drugs				
Any form of cocaine (such as powder, crack, or freebase)	2.5	3.2	3.3	—
Ecstasy (also called “MDMA”)	1.9	1.7	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.5	2.7	2.1	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)	NA	NA	6.8	NA
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	7.1	NA
Sexual Behaviors				
Ever had sexual intercourse	8.6	6.9	7.0	—
Had sexual intercourse for the first time before age 11 years	2.5	2.3	2.7	—

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Sexual Behaviors cont.				
Had sexual intercourse with three or more persons (during their life)	2.8	2.4	1.8	—
Ever had sexual contact with both males and females	NA	NA	1.3	NA
Used a condom (during last sexual intercourse among students who were currently sexually active)	51.3	54.0	51.8	Decreased
Weight and Nutrition				
Described themselves as slightly or very overweight	28.7	26.8	28.0	—
Were trying to lose weight	49.9	47.6	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	44.9	46.2	45.9	—
Did not eat breakfast (during the 7 days before the survey)	10.9	12.6	11.6	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	7.5	6.8	—
Physical Activity				
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)				
0 days	13.1	15.5	13.6	—
5 or more days	52.6	47.0	47.7	—
All 7 days	32.0	27.4	27.0	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	52.2	48.5	50.6	—

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Physical Activity cont.				
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	61.2	58.0	56.3	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	11.7	14.4	11.1	Decreased
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	57.5	52.8	51.6	—
Watched 3 or more hours per day of television (on an average school day)	33.2	28.3	23.6	Decreased
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	41.2	41.9	44.6	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	39.9	40.8	—
Health				
Were ever told by a doctor or nurse that they had asthma	25.4	24.5	24.5	—
Still had asthma	12.1	11.7	10.9	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	46.0	44.3	47.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	61.5	61.4	59.8	—
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	2.4	3.0	2.9	—
Had a toothache (during the 12 months before the survey)	25.8	24.6	22.8	—

table continues

Table D1. 2013–2017 Hawai‘i YRBS Public Middle School Results cont.

Survey Item	2013 %	2015 %	2017 %	2017 vs. 2015
Health cont.				
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	43.7	NA
Had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	NA	NA	19.2	NA
Had serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)	NA	NA	23.9	NA
Protective Factors				
Were ever taught in school about AIDS or HIV infection	51.1	43.8	41.3	—
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	NA	11.5	NA
Had 8 or more hours of sleep (on an average school night)	54.7	50.9	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	34.4	36.2	39.9	Increased
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	34.3	28.4	Decreased
Ever had a parent or other adults in their family talk with them about how to say no to having sex	NA	NA	24.3	NA
Had at least one teacher or other adult in their school they could talk to if they had a problem	65.3	63.8	67.8	Increased
Had a teacher or some other adult at their school who really cared about them	NA	NA	52.7	NA
Had an adult outside of school they could talk to about things that were important to them	73.4	70.1	71.3	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	65.8	64.8	68.3	—
Thought they probably or definitely would complete high school	86.8	84.5	81.8	—

Table D2. 1997–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Trends

Survey Item	1997 %	1999 %	2001 %	2003 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change ^a
Injuries and Violence											
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 30 days before the survey)	NA ^b	NA	NA	NA	NA	NA	16.4	17.5	17.9	15.1	— ^c
Were in a physical fight (one or more times during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	25.5	21.5	21.4	17.1	Decreased (2011–2017)
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	NA	NA	NA	NA	7.1	9.2	6.8	8.4	9.6	9.2	—
Were ever bullied on school property	NA	NA	NA	NA	NA	NA	40.7	44.6	45.1	40.0	—
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	NA	NA	NA	NA	NA	NA	23.7	23.7	25.1	22.6	—
Were ever physically forced to have sexual intercourse (when they did not want to)	NA	NA	5.7	5.4	4.5	5.1	4.2	4.5	4.2	2.7	Decreased (2001–2017)
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	NA	NA	NA	NA	14.0	15.8	19.5	Increased (2013–2017)
Mental Health and Suicide											
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	NA	NA	NA	NA	NA	NA	NA	19.6	22.8	21.8	—
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	NA	NA	NA	NA	NA	NA	25.8	26.5	29.0	27.2	—
Ever seriously thought about killing themselves	NA	NA	NA	NA	NA	NA	22.5	25.4	24.8	23.1	—
Ever made a plan about how they would kill themselves	NA	NA	NA	NA	NA	NA	15.5	17.2	17.5	16.3	—
Ever tried to kill themselves	NA	NA	NA	NA	NA	NA	9.2	12.3	12.5	12.4	Increased (2011–2017)

^a Based on *t*-test analysis, $p < .05$

^b Not available

^c No statistically significant difference, $p < .05$

Table D2. 1997–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Trends cont.

Survey Item	1997 %	1999 %	2001 %	2003 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Tobacco Use											
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	NA	12.3	9.1	7.0	8.9	8.2	7.2	5.2	5.0	5.0	Decreased (1999–2017)
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	NA	2.0	1.2	1.5	1.2	1.5	0.9	0.4	0.4	0.2	Decreased (1999–2017)
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	NA	1.6	0.6	1.1	0.7	1.3	0.5	0.3	0.3	0.2	Decreased (1999–2017)
Alcohol and Other Drug Use											
Drank alcohol for the first time before age 11 years (other than a few sips)	NA	NA	NA	NA	16.9	16.7	16.3	11.0	10.6	12.1	Decreased (2007–2017)
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	NA	NA	NA	NA	14.5	15.3	12.5	9.5	10.4	11.6	Decreased (2007–2017)
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	NA	NA	NA	NA	NA	NA	7.7	4.4	5.3	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	NA	NA	NA	NA	NA	NA	89.1	90.0	87.8	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	NA	NA	NA	NA	NA	NA	9.7	7.4	7.3	9.1	—
Ever used alcohol or drugs while they were alone	NA	NA	NA	NA	NA	NA	7.8	6.9	6.9	7.9	—
Ever forgot things they did while using alcohol or drugs	NA	NA	NA	NA	NA	NA	7.7	5.7	5.6	6.1	—
Ever had family or friends tell them that they should cut down on their drinking or drug use	NA	NA	NA	NA	NA	NA	8.4	8.8	6.9	9.8	—
Ever got into trouble while using alcohol or drugs	NA	NA	NA	NA	NA	NA	7.1	6.3	5.1	6.5	—
Tried marijuana for the first time before age 11 years	NA	NA	NA	NA	4.4	4.3	4.7	3.5	3.3	3.6	—
Currently used marijuana (one or more times during the 30 days before the survey)	NA	NA	NA	NA	NA	NA	9.3	7.5	7.9	7.6	—

table continues

Table D2. 1997–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Trends cont.

Survey Item	1997 %	1999 %	2001 %	2003 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Alcohol and Other Drug Use cont.											
Ever used any of the following drugs											
Any form of cocaine (such as powder, crack, or freebase)	NA	NA	NA	NA	1.5	1.7	2.9	2.5	3.2	3.3	Increased (2007–2017)
Ecstasy (also called “MDMA”)	NA	NA	NA	NA	1.7	1.8	2.2	1.9	1.7	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	NA	NA	NA	NA	1.5	1.7	2.6	2.5	2.7	2.1	—
Sexual Behaviors											
Had sexual intercourse for the first time before age 11 years	NA	NA	NA	NA	1.9	3.3	3.5	2.5	2.3	2.7	—
Had sexual intercourse with three or more persons (during their life)	NA	NA	NA	NA	2.8	4.2	2.5	2.8	2.4	1.8	—
Weight and Nutrition											
Described themselves as slightly or very overweight	31.1	32.9	26.0	27.1	31.4	27.1	27.3	28.7	26.8	28.0	—
Were trying to lose weight	44.5	46.7	49.3	48.5	51.1	51.4	47.8	49.9	47.6	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	44.9	46.2	45.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	10.9	12.6	11.6	—
Physical Activity											
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)											
0 days	NA	NA	NA	NA	13.6	16.3	16.0	13.1	15.5	13.6	—
5 or more days	NA	NA	NA	NA	40.4	44.8	44.4	52.6	47.0	47.7	Increased (2007–2017)

table continues

Table D2. 1997–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Trends cont.

Survey Item	1997 %	1999 %	2001 %	2003 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Physical Activity cont.											
All 7 days	NA	NA	NA	NA	19.7	26.0	25.0	32.0	27.4	27.0	Increased (2007–2017)
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	NA	NA	NA	NA	NA	NA	52.2	48.5	50.6	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	NA	NA	NA	NA	51.9	69.9	65.6	61.2	58.0	56.3	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	NA	NA	NA	NA	14.7	19.0	14.9	11.7	14.4	11.1	—
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	NA	NA	NA	NA	57.0	59.3	58.8	57.5	52.8	51.6	Decreased (2007–2017)
Watched 3 or more hours per day of television (on an average school day)	NA	NA	NA	43.3	39.5	39.8	39.4	33.2	28.3	23.6	Decreased (2003–2017)
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	NA	NA	NA	NA	25.2	30.7	37.5	41.2	41.9	44.6	Increased (2007–2017)
Health											
Were ever told by a doctor or nurse that they had asthma	NA	NA	NA	NA	NA	NA	NA	25.4	24.5	24.5	—
Still had asthma	NA	NA	NA	NA	NA	NA	NA	12.1	11.7	10.9	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	46.0	44.3	47.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	61.5	61.4	59.8	—
Had a toothache (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	NA	25.8	24.6	22.8	Decreased (2013–2017)

table continues

Table D2. 1997–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Trends cont.

Survey Item	1997 %	1999 %	2001 %	2003 %	2007 %	2009 %	2011 %	2013 %	2015 %	2017 %	Linear Change
Protective Factors											
Were ever taught in school about AIDS or HIV infection	84.1	85.7	71.7	58.1	56.1	61.3	60.0	51.1	43.8	41.3	Decreased (1997–2017)
Had 8 or more hours of sleep (on an average school night)	NA	NA	NA	NA	NA	NA	NA	54.7	50.9	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	NA	NA	NA	NA	NA	NA	43.0	34.4	36.2	39.9	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	NA	NA	NA	NA	NA	NA	64.3	65.3	63.8	67.8	—
Had an adult outside of school they could talk to about things that were important to them	NA	NA	NA	NA	NA	NA	67.8	73.4	70.7	71.3	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	NA	NA	NA	NA	NA	61.3	64.8	65.8	64.8	68.3	Increased (2009–2017)

Table D3. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Hawai‘i County Results and Trends (2011 *n* = 1,237; 2013 *n* = 1,221; 2015 *n* = 1,556; and 2017 *n* = 1,605) and 2017 State Results (*n* = 6,418)

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Hawai‘i County vs. State ^b
Socio-Demographics								
Females	49.1	50.5	51.0	50.7	NA ^c	— ^d	50.0	—
Males	50.9	49.5	49.0	49.3	NA	—	50.0	—
Gay, lesbian, or bisexual	NA	NA	NA	6.0	NA	NA	7.1	—
Ethnicity/Race								
Filipino	17.5	18.4	16.5	16.7	NA	—	25.5	Less Likely
Hispanic/Latino	10.8	10.8	12.6	11.9	NA	—	6.6	More Likely
Native Hawaiian	36.9	38.1	39.6	40.5	NA	—	24.1	More Likely
Other Asian/Pacific Islander	8.8	7.1	6.3	6.7	NA	—	23.3	Less Likely
White	15.6	16.0	15.9	16.1	NA	—	14.9	—
All other races	0.9	0.6	0.5	0.3	NA	—	0.6	—
Multiple races	9.6	9.2	8.6	7.7	NA	—	5.0	More Likely
Did not describe themselves as only one race or ethnicity	NA	24.0	24.2	22.5	—	—	19.0	More Likely
Grade 6	24.7	26.2	27.8	26.3	NA	—	23.0	—
Grade 7	38.7	38.0	36.6	36.6	NA	—	39.4	—
Grade 8	36.3	35.7	35.4	36.8	NA	—	37.3	—
Ungraded or other grade	0.3	0.1	0.2	0.2	NA	—	0.3	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Socio-Demographics cont.								
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	26.4	NA	NA	28.3	—
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	3.9	NA	NA	2.9	—
Injuries and Violence								
Ever rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs	NA	NA	NA	28.4	NA	NA	22.8	More Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 12 months before the survey)	25.6	25.3	26.5	20.8	—	Decreased	15.1	More Likely
Were in a physical fight (one or more times during the 12 months before the survey)	26.9	27.9	25.6	20.7	Decreased	Decreased	17.1	More Likely
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	7.5	10.6	11.7	10.0	—	—	9.2	—
Were ever bullied on school property	44.7	50.6	52.2	48.0	—	—	40.0	More Likely
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	58.4	59.8	62.8	57.4	NA	Decreased	54.4	More Likely
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	25.3	25.5	23.6	24.3	—	—	22.6	—
Ever electronically bullied someone (counting bullying through texting, Instagram, Facebook, or other social media)	NA	NA	16.4	13.0	NA	Decreased	10.9	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Injuries and Violence cont.								
Texted, emailed, or posted electronically a revealing or sexual photo of themselves (during the 30 days before the survey)	NA	NA	NA	3.6	NA	NA	3.4	—
Were ever physically forced to have sexual intercourse (when they did not want to)	5.0	6.2	5.7	3.3	Decreased	Decreased	2.7	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	20.6	28.2	NA	Increased	28.7	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	15.5	13.9	17.4	—	—	19.5	—
Physically hurt someone they were dating or going out with (counting hitting them, slamming them into something, or injuring them with an object or weapon on purpose one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	18.8	NA	NA	19.5	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	7.9	NA	NA	6.4	—
Mental Health and Suicide								
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	NA	21.8	23.1	20.8	—	—	21.8	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Mental Health and Suicide cont.								
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	27.0	29.5	31.1	28.4	—	—	27.2	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	45.8	NA	NA	47.2	—
Ever seriously thought about killing themselves	25.4	27.9	25.6	23.0	—	—	23.1	—
Ever made a plan about how they would kill themselves	18.2	19.1	17.9	17.8	—	—	16.3	—
Ever tried to kill themselves	12.3	12.6	11.3	12.1	—	—	12.4	—
Tried to kill themselves and attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	11.1	12.4	9.8	15.1	NA	—	11.8	More Likely
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	14.8	NA	NA	14.3	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	20.6	23.6	16.5	16.7	NA	Increased	12.3	More Likely
First tried cigarette smoking before age 11 years (even one or two puffs)	NA	NA	NA	8.1	NA	NA	5.8	More Likely
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	7.0	7.7	4.7	6.1	—	—	5.0	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.7	1.1	0.5	0.6	—	—	0.2	More Likely

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Tobacco Use cont.								
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.6	0.6	0.3	0.5	—	—	0.2	More Likely
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	28.4	35.8	NA	Increased	27.0	More Likely
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	15.7	23.0	NA	Increased	15.7	More Likely
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	38.3	34.1	29.5	31.2	NA	—	23.5	More Likely
Drank alcohol for the first time before age 11 years (other than a few sips)	19.8	17.4	13.7	17.5	Decreased	Increased	12.1	More Likely
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	16.5	15.0	13.5	14.3	Decreased	—	11.6	More Likely
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	8.9	8.0	6.2	6.9	Decreased	—	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	85.5	87.0	85.8	87.3	—	—	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	10.6	12.5	8.1	11.1	—	—	9.1	—
Ever used alcohol or drugs while they were alone	11.0	10.6	8.7	10.6	—	—	7.9	More Likely
Ever forgot things they did while using alcohol or drugs	9.8	7.6	5.7	7.0	Decreased	—	6.1	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Alcohol and Other Drug Use cont.								
Ever had family or friends tell them that they should cut down on their drinking or drug use	10.0	8.0	6.6	11.7	—	Increased	9.8	—
Ever got into trouble while using alcohol or drugs	8.6	6.7	5.7	9.2	—	Increased	6.5	More Likely
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	7.4	10.3	NA	Increased	7.2	More Likely
Ever used marijuana	20.9	18.7	14.0	17.6	NA	—	11.9	More Likely
Tried marijuana for the first time before age 11 years	8.1	5.8	5.3	6.3	Decreased	—	3.6	More Likely
Currently used marijuana (one or more times during the 30 days before the survey)	13.5	14.6	10.6	12.2	—	—	7.6	More Likely
Ever used any of the following drugs								
Any form of cocaine (such as powder, crack, or freebase)	2.8	4.0	3.6	4.0	—	—	3.3	—
Ecstasy (also called “MDMA”)	2.0	2.9	2.0	1.8	—	—	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.8	3.4	3.0	2.6	—	—	2.1	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)	NA	NA	NA	7.9	NA	NA	6.8	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	NA	8.0	NA	NA	7.1	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Sexual Behaviors								
Ever had sexual intercourse	14.8	11.0	9.8	10.3	NA	—	7.0	More Likely
Had sexual intercourse for the first time before age 11 years	4.5	3.6	4.6	4.2	—	—	2.7	More Likely
Had sexual intercourse with three or more persons (during their life)	5.3	4.2	3.1	2.5	Decreased	—	1.8	—
Ever had sexual contact with both males and females	NA	NA	NA	1.5	NA	NA	1.3	—
Used a condom (during last sexual intercourse among students who were currently sexually active)	68.5	45.1	57.6	55.1	NA	Decreased	51.8	More Likely
Weight and Nutrition								
Described themselves as slightly or very overweight	26.2	29.5	25.3	26.4	—	—	28.0	—
Were trying to lose weight	48.9	53.3	47.0	47.6	—	—	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	44.3	45.7	44.7	—	—	45.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	13.0	14.4	11.9	—	—	11.6	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	7.7	6.5	NA	—	6.8	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	16.8	10.4	14.7	13.7	—	—	13.6	—
5 or more days	44.9	54.5	48.6	48.9	—	—	47.7	—
All 7 days	27.2	34.4	27.5	30.9	—	—	27.0	More Likely
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	57.1	49.7	53.7	—	—	50.6	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	54.7	55.3	59.4	55.5	—	—	56.3	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	5.1	9.0	10.2	6.9	—	Decreased	11.1	Less Likely
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	59.4	59.2	56.1	56.0	—	—	51.6	More Likely
Watched 3 or more hours per day of television (on an average school day)	35.3	34.7	26.0	24.6	Decreased	—	23.6	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	33.5	38.5	37.4	43.0	Increased	Increased	44.6	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	28.6	25.7	NA	—	40.8	Less Likely

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Health								
Were ever told by a doctor or nurse that they had asthma	NA	32.1	30.1	27.8	—	—	24.5	More Likely
Still had asthma	NA	17.0	17.3	14.9	—	—	10.9	More Likely
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	44.6	44.5	44.4	—	—	47.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	60.8	61.1	56.7	—	—	59.8	—
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	1.5	2.8	2.8	NA	—	2.9	—
Had a toothache (during the 12 months before the survey)	NA	28.6	27.4	24.1	Decreased	—	22.8	—
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	49.0	NA	NA	43.7	More Likely
Had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	NA	NA	NA	22.3	NA	NA	19.2	—
Had serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)	NA	NA	NA	26.9	NA	NA	23.9	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	62.9	58.9	41.8	46.3	Decreased	—	41.3	—

table continues

Table D3. 2011–2017 Hawai‘i YRBS Public Middle School Hawai‘i County Results and Trends and 2017 State Results cont.

Survey Item	Hawai‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Hawai‘i County vs. State
Protective Factors cont.								
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	NA	NA	10.2	NA	NA	11.5	—
Had 8 or more hours of sleep (on an average school night)	NA	58.1	52.9	53.6	—	—	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	46.3	38.7	39.6	39.2	Decreased	—	39.9	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	39.3	35.9	NA	—	28.4	More Likely
Ever had a parent or other adults in their family talk with them about how to say no to having sex	NA	NA	NA	28.7	NA	NA	24.3	More Likely
Had at least one teacher or other adult in their school they could talk to if they had a problem	67.8	66.0	66.2	69.7	—	—	67.8	—
Had a teacher or some other adult at their school who really cared about them	NA	NA	NA	56.5	NA	NA	52.7	—
Had an adult outside of school they could talk to about things that were important to them	70.7	71.9	74.0	75.1	Increased	—	71.3	More Likely
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	66.1	70.9	68.8	71.2	—	—	68.3	—
Thought they probably or definitely would complete high school	84.0	86.5	83.7	82.0	NA	—	81.8	—

Table D4. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Honolulu County Results and Trends (2011 *n* = 1,703; 2013 *n* = 1,606; 2015 *n* = 1,975; and 2017 *n* = 1,989) and 2017 State Results (*n* = 6,418)

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Honolulu County vs. State ^b
Socio-Demographics								
Females	49.5	49.7	50.0	49.8	NA ^c	— ^d	50.0	—
Males	50.5	50.3	50.0	50.2	NA	—	50.0	—
Gay, lesbian, or bisexual	NA	NA	NA	7.6	NA	NA	7.1	—
Ethnicity/Race								
Filipino	26.0	26.2	26.0	25.5	NA	—	25.5	—
Hispanic/Latino	10.8	4.4	7.4	4.1	NA	Decreased	6.6	Less Likely
Native Hawaiian	20.4	20.3	20.6	19.4	NA	—	24.1	Less Likely
Other Asian/Pacific Islander	14.0	31.2	24.3	32.3	NA	—	23.3	More Likely
White	11.5	12.7	13.0	15.2	NA	—	14.9	—
All other races	2.8	0.6	1.4	0.6	NA	—	0.6	—
Multiple races	14.5	4.6	7.4	2.9	NA	Decreased	5.0	Less Likely
Did not describe themselves as only one race or ethnicity	NA	16.7	16.4	18.4	—	—	19.0	—
Grade 6	18.2	18.1	14.7	19.3	NA	—	23.0	—
Grade 7	41.4	42.8	44.5	41.6	NA	—	39.4	—
Grade 8	40.0	39.0	40.3	38.8	NA	—	37.3	—
Ungraded or other grade	0.4	0.1	0.6	0.4	NA	—	0.3	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Socio-Demographics cont.								
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	31.5	NA	NA	28.3	—
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	2.7	NA	NA	2.9	—
Injuries and Violence								
Ever rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs	NA	NA	NA	20.6	NA	NA	22.8	Less Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 12 months before the survey)	13.2	14.4	14.8	13.1	—	—	15.1	Less Likely
Were in a physical fight (one or more times during the 12 months before the survey)	24.6	20.2	20.3	16.1	Decreased	—	17.1	—
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	6.2	7.4	9.3	9.3	Increased	—	9.2	—
Were ever bullied on school property	39.6	42.7	42.8	37.2	—	—	40.0	Less Likely
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	57.4	60.9	57.1	52.7	NA	—	54.4	—
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	23.3	22.5	25.5	22.0	—	—	22.6	—
Ever electronically bullied someone (counting bullying through texting, Instagram, Facebook, or other social media)	NA	NA	15.9	10.2	NA	Decreased	10.9	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Injuries and Violence cont.								
Texted, emailed, or posted electronically a revealing or sexual photo of themselves (during the 30 days before the survey)	NA	NA	NA	3.3	NA	NA	3.4	—
Were ever physically forced to have sexual intercourse (when they did not want to)	3.7	4.0	4.0	2.5	—	Decreased	2.7	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	22.7	29.7	NA	Increased	28.7	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	13.2	16.6	20.8	Increased	—	19.5	—
Physically hurt someone they were dating or going out with (counting hitting them, slamming them into something, or injuring them with an object or weapon on purpose one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	20.5	NA	NA	19.5	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	6.1	NA	NA	6.4	—
Mental Health and Suicide								
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	NA	19.6	23.0	22.2	—	—	21.8	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Mental Health and Suicide cont.								
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	25.1	25.9	29.3	27.1	—	—	27.2	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	49.7	NA	NA	47.2	—
Ever seriously thought about killing themselves	22.3	25.3	24.5	23.1	—	—	23.1	—
Ever made a plan about how they would kill themselves	15.3	16.8	17.4	16.1	—	—	16.3	—
Ever tried to kill themselves	8.7	12.8	12.7	12.6	Increased	—	12.4	—
Tried to kill themselves and attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	10.0	11.5	11.3	11.1	NA	—	11.8	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	13.7	NA	NA	14.3	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	18.6	15.3	14.4	11.3	NA	Decreased	12.3	—
First tried cigarette smoking before age 11 years (even one or two puffs)	NA	NA	NA	5.3	NA	NA	5.8	—
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	7.4	5.0	5.0	4.8	—	—	5.0	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.9	0.2	0.4	0.1	Decreased	—	0.2	Less Likely

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Tobacco Use cont.								
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.5	0.1	0.3	0.0	—	—	0.2	Less Likely
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	25.3	23.8	NA	—	27.0	Less Likely
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	15.4	13.4	NA	—	15.7	Less Likely
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	31.6	22.4	22.3	21.2	NA	—	23.5	Less Likely
Drank alcohol for the first time before age 11 years (other than a few sips)	15.4	9.5	9.8	10.6	Decreased	—	12.1	Less Likely
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	11.9	7.9	9.2	10.7	—	—	11.6	Less Likely
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	7.7	3.6	4.8	4.8	—	—	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	90.2	90.8	88.0	87.5	Decreased	—	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	9.7	6.4	6.7	8.7	—	—	9.1	—
Ever used alcohol or drugs while they were alone	7.2	6.2	6.3	7.2	—	—	7.9	Less Likely
Ever forgot things they did while using alcohol or drugs	7.3	5.2	5.4	5.5	—	—	6.1	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Alcohol and Other Drug Use cont.								
Ever had family or friends tell them that they should cut down on their drinking or drug use	8.2	8.9	6.6	9.3	—	Increased	9.8	—
Ever got into trouble while using alcohol or drugs	6.7	6.1	4.7	5.7	—	—	6.5	—
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	6.4	6.4	NA	—	7.2	—
Ever used marijuana	11.0	7.9	8.4	10.3	NA	—	11.9	Less Likely
Tried marijuana for the first time before age 11 years	3.8	2.8	2.7	2.9	—	—	3.6	—
Currently used marijuana (one or more times during the 30 days before the survey)	8.5	6.0	7.0	6.6	—	—	7.6	—
Ever used any of the following drugs								
Any form of cocaine (such as powder, crack, or freebase)	3.0	2.4	3.1	3.4	—	—	3.3	—
Ecstasy (also called “MDMA”)	2.6	1.7	1.7	1.3	Decreased	—	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.7	2.5	2.6	1.9	—	—	2.1	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)	NA	NA	NA	6.4	NA	NA	6.8	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	NA	7.1	NA	NA	7.1	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Sexual Behaviors								
Ever had sexual intercourse	9.3	8.2	5.9	6.2	NA	—	7.0	—
Had sexual intercourse for the first time before age 11 years	3.4	2.0	1.7	2.3	—	—	2.7	—
Had sexual intercourse with three or more persons (during their life)	2.0	2.5	2.3	1.5	—	—	1.8	—
Ever had sexual contact with both males and females	NA	NA	NA	1.4	NA	NA	1.3	—
Used a condom (during last sexual intercourse among students who were currently sexually active)	63.3	52.1	53.7	49.3	NA	Decreased	51.8	—
Weight and Nutrition								
Described themselves as slightly or very overweight	27.8	29.2	27.5	28.2	—	—	28.0	—
Were trying to lose weight	46.8	49.6	47.2	44.6	—	—	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	44.0	45.9	46.3	—	—	45.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	10.7	12.3	11.3	—	—	11.6	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	7.3	7.0	NA	—	6.8	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	16.4	14.4	15.7	14.3	—	—	13.6	—
5 or more days	43.9	52.6	46.0	46.6	—	—	47.7	—
All 7 days	23.8	31.6	26.8	25.7	—	—	27.0	Less Likely
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	50.0	46.9	49.8	—	—	50.6	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	65.2	60.1	55.7	54.7	Decreased	—	56.3	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	18.3	12.8	13.1	11.7	—	—	11.1	—
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	58.2	56.9	52.5	49.2	Decreased	—	51.6	Less Likely
Watched 3 or more hours per day of television (on an average school day)	41.4	32.7	29.1	23.7	Decreased	Decreased	23.6	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	40.5	42.3	43.1	44.1	—	—	44.6	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	43.6	46.5	NA	—	40.8	More Likely

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Health								
Were ever told by a doctor or nurse that they had asthma	NA	23.8	23.2	24.2	—	—	24.5	—
Still had asthma	NA	10.8	10.2	9.7	—	—	10.9	Less Likely
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	46.7	44.8	49.5	—	—	47.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	61.2	62.8	60.5	—	—	59.8	—
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	2.5	2.8	2.8	NA	—	2.9	—
Had a toothache (during the 12 months before the survey)	NA	24.9	23.8	22.5	—	—	22.8	—
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	42.3	NA	NA	43.7	Less Likely
Had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	NA	NA	NA	18.4	NA	NA	19.2	—
Had serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)	NA	NA	NA	22.6	NA	NA	23.9	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	60.4	46.1	44.2	39.3	Decreased	—	41.3	—

table continues

Table D4. 2011–2017 Hawai‘i YRBS Public Middle School Honolulu County Results and Trends and 2017 State Results cont.

Survey Item	Honolulu County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Honolulu County vs. State
Protective Factors cont.								
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	NA	NA	11.6	NA	NA	11.5	—
Had 8 or more hours of sleep (on an average school night)	NA	52.9	48.9	52.0	—	—	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	41.7	32.7	34.3	39.2	—	Increased	39.9	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	32.9	25.9	NA	Decreased	28.4	Less Likely
Ever had a parent or other adults in their family talk with them about how to say no to having sex	NA	NA	NA	22.7	NA	NA	24.3	Less Likely
Had at least one teacher or other adult in their school they could talk to if they had a problem	63.2	65.6	63.3	67.9	—	Increased	67.8	—
Had a teacher or some other adult at their school who really cared about them	NA	NA	NA	51.7	NA	NA	52.7	—
Had an adult outside of school they could talk to about things that were important to them	66.3	73.2	69.7	70.2	—	—	71.3	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	62.9	62.8	62.5	66.1	—	—	68.3	Less Likely
Thought they probably or definitely would complete high school	85.0	86.6	84.8	80.7	NA	—	81.8	—

Table D5. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Kaua‘i County Results and Trends (2011 *n* = 965; 2013 *n* = 944; 2015 *n* = 1,258; and 2017 *n* = 1,243) and 2017 State Results (*n* = 6,418)

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Kaua‘i County vs. State ^b
Socio-Demographics								
Females	51.8	52.6	49.7	50.6	NA ^c	— ^d	50.0	—
Males	48.2	47.4	50.3	49.4	NA	—	50.0	—
Gay, lesbian, or bisexual	NA	NA	NA	7.0	NA	NA	7.1	—
Ethnicity/Race								
Filipino	28.3	29.8	29.8	30.2	NA	—	25.5	—
Hispanic/Latino	11.6	13.2	15.4	12.9	NA	—	6.6	More Likely
Native Hawaiian	29.3	31.3	30.8	32.4	NA	—	24.1	More Likely
Other Asian/Pacific Islander	3.6	4.6	4.8	4.3	NA	—	23.3	Less Likely
White	17.3	7.9	5.5	5.2	NA	—	14.9	Less Likely
All other races	0.7	0.7	0.6	1.1	NA	—	0.6	—
Multiple races	9.0	12.6	13.1	13.7	NA	—	5.0	More Likely
Did not describe themselves as only one race or ethnicity	NA	24.0	21.6	24.0	—	—	19.0	More Likely
Grade 6	32.5	30.2	33.9	32.7	NA	—	23.0	—
Grade 7	34.5	34.6	33.3	33.6	NA	—	39.4	—
Grade 8	32.6	35.0	32.3	33.6	NA	—	37.3	—
Ungraded or other grade	0.3	0.3	0.5	0.2	NA	—	0.3	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Socio-Demographics cont.								
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	20.0	NA	NA	28.3	Less Likely
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	3.7	NA	NA	2.9	—
Injuries and Violence								
Ever rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs	NA	NA	NA	25.7	NA	NA	22.8	—
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 12 months before the survey)	20.9	25.7	21.3	19.7	—	—	15.1	More Likely
Were in a physical fight (one or more times during the 12 months before the survey)	23.2	20.7	20.3	17.6	Decreased	—	17.1	—
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	7.5	9.2	8.8	8.3	—	—	9.2	—
Were ever bullied on school property	40.4	44.7	46.2	46.2	Increased	—	40.0	More Likely
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	62.1	64.1	62.4	56.8	NA	Decreased	54.4	—
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	19.8	26.1	24.6	24.1	—	—	22.6	—
Ever electronically bullied someone (counting bullying through texting, Instagram, Facebook, or other social media)	NA	NA	14.2	11.9	NA	—	10.9	—

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Injuries and Violence cont.								
Texted, emailed, or posted electronically a revealing or sexual photo of themselves (during the 30 days before the survey)	NA	NA	NA	5.3	NA	NA	3.4	More Likely
Were ever physically forced to have sexual intercourse (when they did not want to)	2.5	4.3	4.3	3.3	—	—	2.7	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	19.9	27.9	NA	Increased	28.7	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	17.0	16.5	19.3	—	—	19.5	—
Physically hurt someone they were dating or going out with (counting hitting them, slamming them into something, or injuring them with an object or weapon on purpose one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	19.4	NA	NA	19.5	—
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	5.7	NA	NA	6.4	—
Mental Health and Suicide								
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	NA	17.4	21.0	21.5	Increased	—	21.8	—

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Mental Health and Suicide cont.								
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	27.0	23.0	25.3	25.8	—	—	27.2	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	47.4	NA	NA	47.2	—
Ever seriously thought about killing themselves	19.2	24.5	22.6	21.4	—	—	23.1	—
Ever made a plan about how they would kill themselves	12.4	16.2	17.5	16.0	Increased	—	16.3	—
Ever tried to kill themselves	8.1	10.6	12.9	11.4	Increased	—	12.4	—
Tried to kill themselves and attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	12.6	14.3	11.7	12.1	NA	—	11.8	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	16.3	NA	NA	14.3	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	15.4	16.7	14.6	13.9	NA	Decreased	12.3	—
First tried cigarette smoking before age 11 years (even one or two puffs)	NA	NA	NA	6.7	NA	NA	5.8	—
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	5.8	4.2	4.8	5.8	—	—	5.0	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.7	1.3	0.7	0.5	—	—	0.2	More Likely

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Tobacco Use cont.								
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.3	1.3	0.7	0.3	—	—	0.2	—
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	24.9	30.0	NA	—	27.0	—
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	12.9	18.5	NA	Increased	15.7	—
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	28.7	25.3	25.7	26.1	NA	—	23.5	—
Drank alcohol for the first time before age 11 years (other than a few sips)	14.2	14.5	13.3	13.7	—	—	12.1	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	10.5	12.2	13.8	13.5	—	—	11.6	—
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	5.1	5.7	7.0	7.2	—	—	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	88.4	86.4	87.9	88.1	—	—	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	8.0	8.6	8.7	10.7	—	—	9.1	—
Ever used alcohol or drugs while they were alone	7.4	7.8	7.6	9.6	—	—	7.9	—
Ever forgot things they did while using alcohol or drugs	5.7	6.3	6.3	7.6	—	—	6.1	—

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Alcohol and Other Drug Use cont.								
Ever had family or friends tell them that they should cut down on their drinking or drug use	7.4	8.9	7.6	9.9	—	—	9.8	—
Ever got into trouble while using alcohol or drugs	6.2	6.2	6.3	8.6	—	—	6.5	—
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	5.0	7.7	NA	Increased	7.2	—
Ever used marijuana	11.8	12.8	11.5	13.9	NA	—	11.9	—
Tried marijuana for the first time before age 11 years	3.1	4.5	4.5	4.1	—	—	3.6	—
Currently used marijuana (one or more times during the 30 days before the survey)	7.6	8.1	8.7	7.7	—	—	7.6	—
Ever used any of the following drugs								
Any form of cocaine (such as powder, crack, or freebase)	2.0	3.3	3.6	3.0	—	—	3.3	—
Ecstasy (also called “MDMA”)	0.9	2.0	2.0	2.2	—	—	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.1	2.8	3.0	2.5	—	—	2.1	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)	NA	NA	NA	7.2	NA	NA	6.8	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	NA	7.3	NA	NA	7.1	—

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Sexual Behaviors								
Ever had sexual intercourse	9.3	9.1	6.1	7.0	NA	—	7.0	—
Had sexual intercourse for the first time before age 11 years	1.5	3.7	2.7	2.4	—	—	2.7	—
Had sexual intercourse with three or more persons (during their life)	1.7	2.9	2.1	2.3	—	—	1.8	—
Ever had sexual contact with both males and females	NA	NA	NA	1.4	NA	NA	1.3	—
Used a condom (during last sexual intercourse among students who were currently sexually active)	NR	NR ^a	NR	57.6	NA	—	51.8	—
Weight and Nutrition								
Described themselves as slightly or very overweight	25.5	26.9	26.1	29.0	—	—	28.0	—
Were trying to lose weight	46.8	49.3	48.5	50.6	—	—	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	47.9	46.5	42.9	—	—	45.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	10.1	11.8	14.0	Increased	—	11.6	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	7.7	7.2	NA	—	6.8	—

^aNot reported

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	13.2	9.7	15.4	10.8	—	Decreased	13.6	—
5 or more days	41.6	54.5	49.0	49.9	Increased	—	47.7	—
All 7 days	22.9	33.4	30.7	29.3	Increased	—	27.0	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	57.7	49.5	50.5	Decreased	—	50.6	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	68.3	63.6	54.7	56.1	Decreased	—	56.3	—
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	7.7	7.7	13.2	10.8	Increased	—	11.1	—
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	58.4	60.8	52.1	54.9	Decreased	—	51.6	—
Watched 3 or more hours per day of television (on an average school day)	33.2	31.6	27.1	23.4	Decreased	—	23.6	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	28.4	38.0	39.1	47.0	Increased	Increased	44.6	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	28.9	24.5	NA	Decreased	40.8	Less Likely

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Health								
Were ever told by a doctor or nurse that they had asthma	NA	27.6	26.5	26.5	—	—	24.5	—
Still had asthma	NA	13.3	14.0	13.9	—	—	10.9	More Likely
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	38.9	40.7	42.3	—	—	47.9	Less Likely
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	62.2	59.8	59.7	—	—	59.8	—
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	2.9	3.3	2.6	NA	—	2.9	—
Had a toothache (during the 12 months before the survey)	NA	28.8	27.2	24.3	Decreased	—	22.8	—
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	45.3	NA	NA	43.7	—
Had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	NA	NA	NA	17.7	NA	NA	19.2	—
Had serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)	NA	NA	NA	25.6	NA	NA	23.9	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	46.9	57.2	32.8	52.8	—	Increased	41.3	More Likely

table continues

Table D5. 2011–2017 Hawai‘i YRBS Public Middle School Kaua‘i County Results and Trends and 2017 State Results cont.

Survey Item	Kaua‘i County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Kaua‘i County vs. State
Protective Factors cont.								
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	NA	NA	11.4	NA	NA	11.5	—
Had 8 or more hours of sleep (on an average school night)	NA	58.8	54.7	55.0	—	—	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	41.7	35.7	38.0	38.7	—	—	39.9	—
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	33.8	33.0	NA	—	28.4	More Likely
Ever had a parent or other adults in their family talk with them about how to say no to having sex	NA	NA	NA	28.5	NA	NA	24.3	More Likely
Had at least one teacher or other adult in their school they could talk to if they had a problem	67.3	65.5	64.0	65.6	—	—	67.8	—
Had a teacher or some other adult at their school who really cared about them	NA	NA	NA	55.6	NA	NA	52.7	—
Had an adult outside of school they could talk to about things that were important to them	71.6	76.9	71.1	73.5	—	—	71.3	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	69.0	75.7	75.7	79.3	Increased	—	68.3	More Likely
Thought they probably or definitely would complete high school	86.7	89.1	84.1	87.1	NA	—	81.8	—

Table D6. 2011–2017 Hawai‘i Youth Risk Behavior Survey Public Middle School Maui County Results and Trends (2011 *n* = 1,204; 2013 *n* = 1,265; 2015 *n* = 1,585; and 2017 *n* = 1,581) and 2017 State Results (*n* = 6,418)

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change ^a	2017 vs. 2015 ^b	State %	Maui County vs. State ^b
Socio-Demographics								
Females	50.6	50.4	49.5	49.8	NA ^c	— ^d	50.0	—
Males	49.4	49.6	50.5	50.2	NA	—	50.0	—
Gay, lesbian, or bisexual	NA	NA	NA	5.7	NA	NA	7.1	—
Ethnicity/Race								
Filipino	32.0	31.8	33.4	31.7	NA	—	25.5	—
Hispanic/Latino	10.1	10.2	10.9	11.0	NA	—	6.6	More Likely
Native Hawaiian	28.5	28.4	27.9	27.0	NA	—	24.1	—
Other Asian/Pacific Islander	4.8	4.9	3.8	4.8	NA	—	23.3	Less Likely
White	16.8	15.5	15.3	16.6	NA	—	14.9	—
All other races	0.3	0.5	0.7	0.8	NA	—	0.6	—
Multiple races	7.5	8.7	8.0	8.2	NA	—	5.0	More Likely
Did not describe themselves as only one race or ethnicity	NA	17.4	17.2	16.7	—	—	19.0	—
Grade 6	32.3	30.7	33.9	32.8	NA	—	23.0	—
Grade 7	33.2	35.1	34.9	34.5	NA	—	39.4	—
Grade 8	34.2	33.9	31.1	32.6	NA	—	37.3	—
Ungraded or other grade	0.3	0.3	0.2	0.2	NA	—	0.3	—

^aBased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, *p* < .05

^bBased on *t*-test analysis, *p* < .05

^cNot available

^dNo statistically significant difference, *p* < .05

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Socio-Demographics cont.								
Reported that either of their parents or other adults in their family were serving on active duty in the military	NA	NA	NA	19.0	NA	NA	28.3	Less Likely
Usually slept in the home of a friend, family member, or other person (because they had to leave their home or their parent or guardian could not afford housing during the 30 days before the survey)	NA	NA	NA	2.6	NA	NA	2.9	—
Injuries and Violence								
Ever rode in a car driven by someone, including themselves, who was “high” or had been using alcohol or drugs	NA	NA	NA	26.6	NA	NA	22.8	More Likely
Carried a weapon (such as a gun, knife, or club on at least 1 day during the 12 months before the survey)	19.9	21.3	21.5	16.9	—	Decreased	15.1	—
Were in a physical fight (one or more times during the 12 months before the survey)	27.8	21.5	22.8	18.1	Decreased	Decreased	17.1	—
Did not go to school because they felt unsafe at school or on their way to or from school (during the 12 months before the survey)	8.3	11.1	9.1	8.7	—	—	9.2	—
Were ever bullied on school property	42.8	47.5	47.8	42.5	—	Decreased	40.0	—
Strongly agreed or agreed that harassment and bullying by other students is a problem at their school	66.5	65.5	63.8	58.7	NA	Decreased	54.4	More Likely
Were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	26.3	26.2	25.2	22.9	—	—	22.6	—
Ever electronically bullied someone (counting bullying through texting, Instagram, Facebook, or other social media)	NA	NA	14.5	11.3	NA	Decreased	10.9	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Injuries and Violence cont.								
Texted, emailed, or posted electronically a revealing or sexual photo of themselves (during the 30 days before the survey)	NA	NA	NA	2.9	NA	NA	3.4	—
Were ever physically forced to have sexual intercourse (when they did not want to)	6.7	5.1	3.7	2.8	Decreased	—	2.7	—
Were purposely controlled or emotionally hurt (counting being told who they could and could not spend time with, being humiliated in front of others, or being threatened if they did not do what they wanted by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	18.2	24.9	NA	Increased	28.7	—
Experienced physical dating violence (counting being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	14.5	13.6	16.1	—	—	19.5	—
Physically hurt someone they were dating or going out with (counting hitting them, slamming them into something, or injuring them with an object or weapon on purpose one or more times during the 12 months before the survey among students who dated or went out with someone)	NA	NA	NA	16.1	NA	NA	19.5	Less Likely
Experienced sexual violence (counting being kissed, touched, or physically forced to have sexual intercourse by anyone one or more times during the past 12 months)	NA	NA	NA	6.6	NA	NA	6.4	—
Mental Health and Suicide								
Ever purposely hurt themselves without wanting to die (such as cutting or burning themselves)	NA	18.6	22.5	21.3	—	—	21.8	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Mental Health and Suicide cont.								
Ever felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities)	26.1	27.6	27.6	27.3	—	—	27.2	—
Never or rarely got the kind of help they needed (among students who reported having felt sad, empty, hopeless, angry, or anxious)	NA	NA	NA	45.4	NA	NA	47.2	—
Ever seriously thought about killing themselves	21.6	24.3	25.8	23.6	—	—	23.1	—
Ever made a plan about how they would kill themselves	15.2	17.8	17.5	16.5	—	—	16.3	—
Ever tried to kill themselves	9.5	10.8	12.7	12.0	Increased	—	12.4	—
Tried to kill themselves and attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	10.8	11.8	9.5	12.2	NA	—	11.8	—
Tried to lose weight or keep from gaining weight (by going without eating for 24 hours or more; taking any diet pills, powders, or liquids; vomiting or taking laxatives; smoking cigarettes; or skipping meals during the 30 days before the survey)	NA	NA	NA	15.5	NA	NA	14.3	—
Tobacco Use								
Ever tried cigarette smoking (even one or two puffs)	18.1	14.7	15.7	11.9	NA	—	12.3	—
First tried cigarette smoking before age 11 years (even one or two puffs)	NA	NA	NA	5.5	NA	NA	5.8	—
Currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	6.6	4.3	5.4	4.4	—	—	5.0	—
Currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	1.1	0.4	0.4	0.4	—	—	0.2	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Tobacco Use cont.								
Currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.7	0.4	0.1	0.4	—	—	0.2	More Likely
Ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens)	NA	NA	29.6	32.1	NA	—	27.0	More Likely
Currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens on at least 1 day during the 30 days before the survey)	NA	NA	18.0	18.3	NA	—	15.7	—
Alcohol and Other Drug Use								
Ever drank alcohol (other than a few sips)	33.7	23.1	24.6	25.6	NA	—	23.5	—
Drank alcohol for the first time before age 11 years (other than a few sips)	17.6	10.7	10.3	12.8	Decreased	—	12.1	—
Currently drank alcohol (at least one drink of alcohol on at least 1 day during the 30 days before the survey)	12.6	10.7	11.3	12.8	—	—	11.6	—
Drank five or more drinks of alcohol in a row (within a couple of hours on at least 1 day during the 30 days before the survey)	8.4	4.2	6.1	5.9	—	—	5.4	—
Thought parents would feel it was a little bit wrong, wrong, or very wrong for them to drink beer, wine, or hard liquor regularly	88.3	90.9	88.6	89.9	—	—	87.8	—
Ever used alcohol or drugs to relax, feel better about themselves, or fit in	9.9	7.2	8.0	8.5	—	—	9.1	—
Ever used alcohol or drugs while they were alone	7.9	6.5	7.6	8.2	—	—	7.9	—
Ever forgot things they did while using alcohol or drugs	8.9	5.7	6.0	7.0	—	—	6.1	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Alcohol and Other Drug Use cont.								
Ever had family or friends tell them that they should cut down on their drinking or drug use	8.8	8.8	8.1	10.4	—	—	9.8	—
Ever got into trouble while using alcohol or drugs	8.4	6.7	6.2	7.0	—	—	6.5	—
Attended school under the influence of alcohol, marijuana, or other drugs (during the 12 months before the survey)	NA	NA	7.1	7.9	NA	—	7.2	—
Ever used marijuana	16.5	11.0	11.9	13.1	NA	—	11.9	—
Tried marijuana for the first time before age 11 years	6.5	4.3	3.4	3.8	Decreased	—	3.6	—
Currently used marijuana (one or more times during the 30 days before the survey)	10.1	7.5	8.8	7.4	—	—	7.6	—
Ever used any of the following drugs								
Any form of cocaine (such as powder, crack, or freebase)	3.0	1.7	3.0	2.3	—	—	3.3	—
Ecstasy (also called “MDMA”)	1.7	1.7	1.6	2.0	—	—	1.5	—
Methamphetamines (also called “speed,” “crystal,” “crank,” or “ice”)	2.5	1.5	2.5	2.5	—	—	2.1	—
Ever took prescription pain medicine without a doctor’s prescription or differently than a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)	NA	NA	NA	7.1	NA	NA	6.8	—
Ever used a needle to inject any illegal drug into their body (one or more times during their life)	NA	NA	NA	6.2	NA	NA	7.1	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Sexual Behaviors								
Ever had sexual intercourse	12.2	7.9	8.4	7.6	NA	—	7.0	—
Had sexual intercourse for the first time before age 11 years	3.9	3.2	2.8	3.4	—	—	2.7	—
Had sexual intercourse with three or more persons (during their life)	2.9	2.9	2.5	2.2	—	—	1.8	—
Ever had sexual contact with both males and females	NA	NA	NA	0.9	NA	NA	1.3	—
Used a condom (during last sexual intercourse among students who were currently sexually active)	56.1	NR ^a	52.0	45.9	NA	Decreased	51.8	—
Weight and Nutrition								
Described themselves as slightly or very overweight	27.2	26.5	25.4	28.4	—	—	28.0	—
Were trying to lose weight	51.0	48.3	49.4	47.8	—	—	45.8	—
Ate breakfast on all 7 days (during the 7 days before the survey)	NA	48.2	47.7	46.5	—	—	45.9	—
Did not eat breakfast (during the 7 days before the survey)	NA	10.5	12.5	11.7	—	—	11.6	—
Went hungry most of the time or always because there was not enough food in their home (during the 30 days before the survey)	NA	NA	8.4	6.0	NA	Decreased	6.8	—

^aNot reported

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Physical Activity								
Were physically active at least 60 minutes per day in the past 7 days (activity that increased their heart rate and made them breathe hard)								
0 days	15.2	10.9	15.5	11.6	—	Decreased	13.6	—
5 or more days	47.1	49.5	49.1	50.6	—	—	47.7	—
All 7 days	28.7	31.2	28.5	28.8	—	—	27.0	—
Did exercises to strengthen or tone their muscles on 3 or more days (such as push-ups, sit-ups, or weight lifting during the 7 days before the survey)	NA	55.4	53.7	51.6	—	—	50.6	—
Attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	76.2	70.5	68.5	64.8	Decreased	—	56.3	More Likely
Attended physical education (PE) classes on all 5 days (in an average week when they were in school)	11.7	10.5	25.0	12.2	Increased	Decreased	11.1	—
Played on at least one sports team (run by their school or community groups during the 12 months before the survey)	60.2	57.4	51.2	57.0	—	Increased	51.6	More Likely
Watched 3 or more hours per day of television (on an average school day)	37.1	35.1	27.1	22.2	Decreased	Decreased	23.6	—
Played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day)	32.5	39.8	42.3	47.3	Increased	Increased	44.6	—
Rode their bike or walked to or from school on 1 or more days (in an average week when they were in school and the weather allowed them to do so)	NA	NA	38.6	36.2	NA	—	40.8	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Health								
Were ever told by a doctor or nurse that they had asthma	NA	25.8	24.2	22.3	—	—	24.5	—
Still had asthma	NA	13.5	11.8	11.5	—	—	10.9	—
Saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	NA	47.1	43.3	46.5	—	—	47.9	—
Saw a dentist (for a check-up, exam, teeth cleaning, or other dental work during the 12 months before the survey)	NA	63.3	56.1	59.4	—	—	59.8	—
Never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	NA	2.6	3.8	3.1	NA	—	2.9	—
Had a toothache (during the 12 months before the survey)	NA	25.8	24.7	22.3	Decreased	—	22.8	—
Did not go to school because they were sick (one or more times during the 30 days before the survey)	NA	NA	NA	44.4	NA	NA	43.7	—
Had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	NA	NA	NA	21.2	NA	NA	19.2	—
Had serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)	NA	NA	NA	26.8	NA	NA	23.9	—
Protective Factors								
Were ever taught in school about AIDS or HIV infection	62.8	64.3	48.3	40.9	Decreased	—	41.3	—

table continues

Table D6. 2011–2017 Hawai‘i YRBS Public Middle School Maui County Results and Trends and 2017 State Results cont.

Survey Item	Maui County						2017	
	2011 %	2013 %	2015 %	2017 %	Linear Change	2017 vs. 2015	State %	Maui County vs. State
Protective Factors cont.								
Wore sunscreen most of the time or always (with an SPF of 15 or higher when they were outside for more than one hour on a sunny day)	NA	NA	NA	12.3	NA	NA	11.5	—
Had 8 or more hours of sleep (on an average school night)	NA	58.1	56.7	53.1	—	—	52.6	—
Had a parent or another adult in their family talk with them about the dangers of tobacco, alcohol, or drug use (during the 12 months before the survey)	46.3	38.1	40.8	44.1	—	—	39.9	More Likely
Had parents or other adults in their family talk with them about what they expected them to do or not to do when it came to sex	NA	NA	35.3	31.5	NA	—	28.4	—
Ever had a parent or other adults in their family talk with them about how to say no to having sex	NA	NA	NA	25.7	NA	NA	24.3	—
Had at least one teacher or other adult in their school they could talk to if they had a problem	65.5	63.2	63.9	66.4	—	—	67.8	—
Had a teacher or some other adult at their school who really cared about them	NA	NA	NA	52.7	NA	NA	52.7	—
Had an adult outside of school they could talk to about things that were important to them	70.9	74.2	71.7	71.9	—	—	71.3	—
Described their grades in school as mostly A’s or B’s (during the 12 months before the survey)	69.4	70.3	66.4	71.2	—	Increased	68.3	—
Thought they probably or definitely would complete high school	87.7	87.4	83.7	84.4	NA	—	81.8	More Likely