

Lifetime and Current Asthma in Hawaii, by County

Lifetime and Current Asthma in Hawaii, by School Type, County, Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2013 - 2015

Note: Hawaii County High School data is not available in 2011. Kauai county had no Native Alaskan/ American Indian respondents for 2013.

Below are the indicators included in this report and the long description for each indicator.

Health Indicator	Health Indicator Description
Asthma prevalence - lifetime (Youth)	Students who had ever been told by a doctor or nurse that they had asthma
Asthma prevalence - current (Youth)	Students who currently have asthma

Suggested citation:

Hawaii Health Data Warehouse, State of Hawaii, Hawaii School Health Survey: Youth Risk Behavior Survey Module, (report title and years), Report Created: 7/25/16

For documentation on other terms and coding in this report, please go to the following links:

[Click here to access YRBS documentation](#)

[Click here to access Race-Ethnicity coding](#)

[Click here to access Hawai'i Data Guide](#)

For questions about this report, please contact The Hawaii Health Data Warehouse

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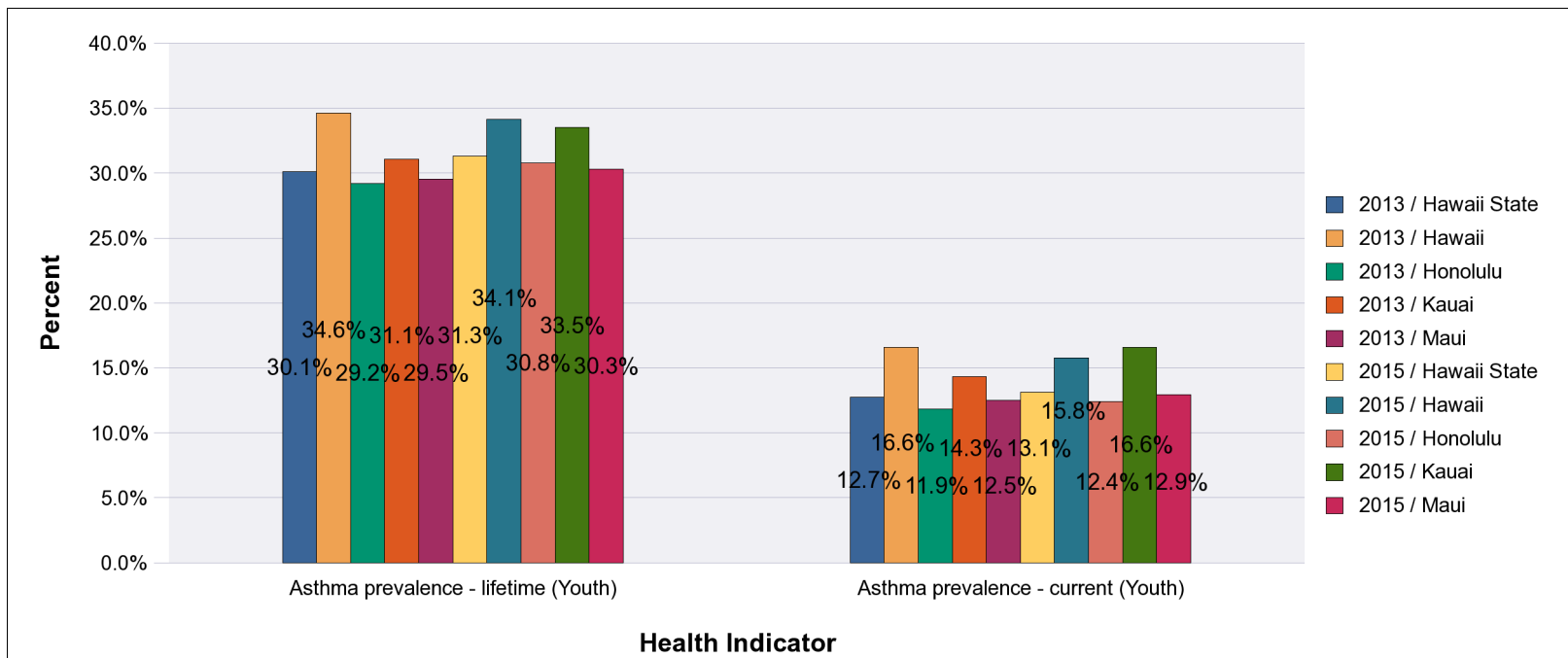
(855) 946-5899 x 15

Lifetime and Current Asthma in Hawaii, by School Type, by State and County, for the Years 2013 - 2015

Note: Weighted percentages, positive responses only, 95% confidence interval; n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011

High Schools

		Hawaii State	Hawaii	Honolulu	Kauai	Maui
Asthma prevalence - lifetime (Youth)	2013	30.1%	34.6%	29.2%	31.1%	29.5%
	2015	31.3%	34.1%	30.8%	33.5%	30.3%
Asthma prevalence - current (Youth)	2013	12.7%	16.6%	11.9%	14.3%	12.5%
	2015	13.1%	15.8%	12.4%	16.6%	12.9%



Lifetime and Current Asthma in Hawaii, by School Type and County, by Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2013 - 2015

*Note: Weighted counts rounded to nearest 100, weighted percentages, positive responses only, 95% confidence interval;
n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2015

Asthma prevalence - lifetime (Youth)

State	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Totals	1,600	34.1%	30.1 - 38.2	8,100	30.8%	28.3 - 33.3	700	33.5%	29.9 - 37.1	1,500	30.3%	27.0 - 33.5

Gender	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Male	700	34.5%	29.4 - 39.7	4,100	31.8%	28.6 - 35.0	400	34.5%	28.7 - 40.3	700	31.3%	27.3 - 35.3
Female	800	33.8%	28.6 - 39.1	4,000	29.8%	27.0 - 32.6	400	32.2%	27.5 - 37.0	800	29.4%	25.4 - 33.5

Grade Level	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
9th Grade	300	28.7%	21.2 - 36.1	2,100	27.5%	22.9 - 32.2	200	34.0%	26.9 - 41.2	400	29.7%	22.4 - 37.0
10th Grade	500	40.2%	31.8 - 48.5	2,000	30.0%	23.3 - 36.7	200	30.9%	25.6 - 36.2	400	30.4%	25.5 - 35.2
11th Grade	400	33.3%	27.2 - 39.3	2,200	37.4%	32.9 - 41.9	200	39.6%	32.6 - 46.7	300	29.6%	22.0 - 37.2
12th Grade	400	34.6%	26.6 - 42.6	1,800	29.2%	24.2 - 34.2	100	28.6%	22.7 - 34.5	400	30.9%	25.3 - 36.4

Lifetime and Current Asthma in Hawaii, by School Type and County, by Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2013 - 2015

*Note: Weighted counts rounded to nearest 100, weighted percentages, positive responses only, 95% confidence interval;
n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2015

Asthma prevalence - lifetime (Youth)

DOH Race-Ethnicity	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Caucasian	n/r	n/r	n/r	900	25.8%	18.6 - 33.0	100	20.1%	12.1 - 28.1	200	27.8%	18.1 - 37.5
Native Hawaiian	700	44.9%	38.6 - 51.3	1,700	34.6%	30.8 - 38.4	200	41.5%	35.1 - 47.8	500	39.5%	34.4 - 44.6
Filipino	300	33.5%	24.9 - 42.0	2,100	29.7%	22.9 - 36.6	200	33.3%	26.1 - 40.5	500	27.9%	22.5 - 33.2
Japanese	n/r	n/r	n/r	900	30.4%	21.9 - 39.0	n/r	n/r	n/r	n/r	n/r	n/r
Black	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Alaskan/ American Indian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other Asian	n/r	n/r	n/r	300	20.1%	12.7 - 27.5	n/r	n/r	n/r	n/r	n/r	n/r
Other Pacific Islander	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other	200	32.1%	27.1 - 37.1	1,600	31.8%	25.4 - 38.2	200	42.1%	36.5 - 47.8	200	30.6%	25.9 - 35.3

Lifetime and Current Asthma in Hawaii, by School Type and County, by Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2013 - 2015

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n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2015

Asthma prevalence - current (Youth)

State	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Totals	700	15.8%	13.0 - 18.6	3,300	12.4%	10.8 - 14.0	400	16.6%	14.1 - 19.0	600	12.9%	10.5 - 15.4

Gender	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Male	300	14.1%	10.3 - 17.9	1,200	9.8%	7.4 - 12.2	200	15.1%	11.3 - 18.9	300	13.4%	10.3 - 16.5
Female	400	17.4%	12.8 - 22.0	2,000	15.0%	13.0 - 17.0	200	17.9%	14.3 - 21.4	300	12.7%	9.9 - 15.5

Grade Level	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
9th Grade	200	13.2%	8.5 - 17.8	800	10.1%	6.2 - 14.0	100	18.9%	13.8 - 24.0	200	12.3%	7.3 - 17.4
10th Grade	200	17.4%	10.2 - 24.6	800	12.8%	10.2 - 15.4	100	16.0%	12.2 - 19.8	200	15.4%	11.1 - 19.7
11th Grade	200	15.2%	11.2 - 19.1	800	14.1%	10.7 - 17.5	100	17.8%	12.8 - 22.8	100	12.9%	8.0 - 17.8
12th Grade	200	17.5%	11.1 - 24.0	800	12.8%	9.7 - 15.9	100	13.0%	8.2 - 17.8	100	11.0%	6.7 - 15.2

Lifetime and Current Asthma in Hawaii, by School Type and County, by Gender, Grade Level, and DOH Race-Ethnicity, for the Years 2013 - 2015

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n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2015

Asthma prevalence - current (Youth)

DOH Race-Ethnicity	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Caucasian	n/r	n/r	n/r	400	12.8%	7.3 - 18.3	<50	8.8%	3.9 - 13.8	100	8.2%	1.6 - 14.8
Native Hawaiian	300	20.9%	15.6 - 26.2	600	12.4%	9.3 - 15.5	100	22.2%	16.7 - 27.7	200	19.8%	15.6 - 23.9
Filipino	n/r	n/r	n/r	800	11.7%	6.9 - 16.6	100	16.1%	11.2 - 20.9	200	10.4%	6.2 - 14.6
Japanese	n/r	n/r	n/r	300	9.9%	1.2 - 18.7	n/r	n/r	n/r	n/r	n/r	n/r
Black	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Alaskan/ American Indian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other Asian	n/r	n/r	n/r	100	6.0%	1.5 - 10.5	n/r	n/r	n/r	n/r	n/r	n/r
Other Pacific Islander	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other	100	14.2%	10.1 - 18.3	800	15.5%	11.5 - 19.5	100	21.3%	16.9 - 25.6	100	12.7%	9.4 - 16.0

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n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2013

Asthma prevalence - lifetime (Youth)

State	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Totals	1,900	34.6%	30.8 - 38.4	7,800	29.2%	24.8 - 33.6	700	31.1%	27.0 - 35.1	1,500	29.5%	26.1 - 33.0

Gender	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Male	900	33.4%	27.9 - 39.0	4,200	31.5%	25.6 - 37.4	400	34.3%	28.8 - 39.8	700	27.7%	23.1 - 32.4
Female	1,000	35.8%	30.8 - 40.7	3,700	27.1%	20.8 - 33.4	300	28.1%	23.5 - 32.7	800	31.1%	26.2 - 36.0

Grade Level	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
9th Grade	500	32.5%	27.1 - 37.9	2,200	29.9%	23.0 - 36.9	200	34.3%	26.2 - 42.4	400	29.3%	24.5 - 34.2
10th Grade	600	45.0%	35.3 - 54.7	2,000	30.5%	23.4 - 37.6	200	28.5%	20.6 - 36.5	400	31.3%	24.5 - 38.0
11th Grade	400	29.1%	24.3 - 33.9	1,600	27.1%	21.1 - 33.1	100	28.2%	21.2 - 35.2	300	30.4%	21.8 - 39.1
12th Grade	400	31.4%	25.0 - 37.8	1,800	27.8%	20.8 - 34.8	200	32.2%	20.3 - 44.0	300	27.0%	19.4 - 34.7

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n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2013

Asthma prevalence - lifetime (Youth)

DOH Race-Ethnicity	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Caucasian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Hawaiian	800	43.7%	37.6 - 49.7	2,100	41.2%	31.7 - 50.7	200	36.9%	29.9 - 43.9	500	36.8%	30.8 - 42.9
Filipino	400	37.5%	29.0 - 46.0	2,200	28.4%	21.7 - 35.1	200	30.2%	21.2 - 39.2	500	27.9%	22.1 - 33.7
Japanese	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Black	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Alaskan/ American Indian	n/r	n/r	n/r	n/r	n/r	n/r	n/a	n/a	n/a	n/r	n/r	n/r
Other Asian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other Pacific Islander	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other	200	29.9%	24.3 - 35.4	1,400	29.9%	25.3 - 34.4	100	32.6%	26.7 - 38.5	200	31.2%	26.5 - 35.9

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n/r (Not Reportable) - Total unweighted responses less than 100; Hawaii County High School data is not available in 2011*

High Schools

Year: 2013

Asthma prevalence - current (Youth)

State	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Totals	900	16.6%	13.6 - 19.5	3,200	11.9%	8.9 - 14.8	300	14.3%	11.4 - 17.2	700	12.5%	10.0 - 15.1

Gender	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Male	400	14.2%	10.4 - 18.0	1,500	11.2%	8.1 - 14.2	200	15.7%	10.6 - 20.7	200	9.2%	6.3 - 12.2
Female	500	18.7%	14.6 - 22.9	1,700	12.6%	8.1 - 17.1	200	12.9%	10.2 - 15.6	400	15.6%	11.7 - 19.6

Grade Level	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
9th Grade	200	14.5%	9.8 - 19.1	1,000	13.9%	9.3 - 18.5	100	16.8%	10.5 - 23.1	200	14.7%	10.7 - 18.8
10th Grade	300	25.8%	19.0 - 32.6	700	11.0%	7.3 - 14.8	100	11.3%	6.5 - 16.1	200	11.2%	6.6 - 15.8
11th Grade	200	15.0%	11.0 - 18.9	700	11.5%	7.2 - 15.8	100	13.2%	7.4 - 18.9	100	12.2%	7.1 - 17.2
12th Grade	100	10.7%	6.5 - 14.9	700	10.5%	5.8 - 15.2	100	16.2%	9.6 - 22.8	100	12.1%	5.8 - 18.4

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High Schools

Year: 2013

Asthma prevalence - current (Youth)

DOH Race-Ethnicity	Hawaii			Honolulu			Kauai			Maui		
	#	%	CI	#	%	CI	#	%	CI	#	%	CI
Caucasian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Hawaiian	300	19.8%	14.8 - 24.8	1,000	19.1%	13.6 - 24.6	100	15.6%	9.8 - 21.4	200	17.6%	13.5 - 21.7
Filipino	200	21.1%	13.9 - 28.3	500	7.1%	4.5 - 9.7	100	14.2%	8.3 - 20.1	100	8.3%	4.2 - 12.5
Japanese	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Black	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Alaskan/ American Indian	n/r	n/r	n/r	n/r	n/r	n/r	n/a	n/a	n/a	n/r	n/r	n/r
Other Asian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other Pacific Islander	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other	100	14.3%	10.4 - 18.2	700	14.7%	11.3 - 18.1	100	15.0%	11.2 - 18.9	100	14.2%	10.4 - 17.9