

Overweight & Obesity in Hawaii

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

The weighted data is available for middle school for all years; high school weighted data is not available for 2001 or 2003. Data are shown by year in descending order. Questions for certain health indicators were not asked in all years.

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

Health Indicator	Health Indicator Description
Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)	Students who are overweight
Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)	Students who are obese
Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)	Students who are overweight or obese

Suggested citation:

Hawaii Health Data Warehouse, State of Hawaii, Hawaii School Health Survey: Youth Risk Behavior Survey Module, (report title and years), Report Created: 5/13/14

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

profiles@hhdw.org

(855) 946-5899 x 15

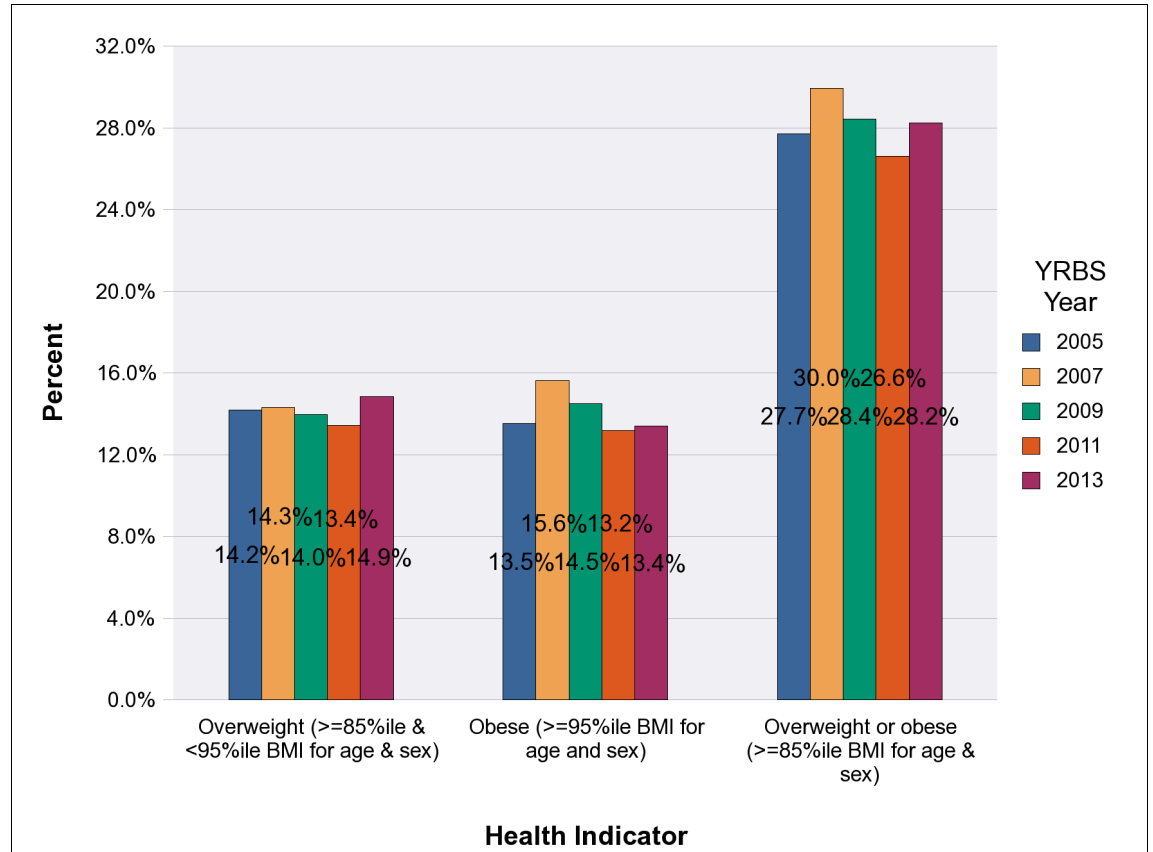
** Race-ethnicity data from 2011 forward may not be comparable to data from previous years.*

Overweight & Obesity by School Type, for the Years 2003 - 2013

Note: Weighted percentages, positive responses only, 95% confidence interval; n/r (Not Reportable) - Total unweighted responses less than 100

High Schools

Health Indicator	YRBS Year	Percent
Overweight (>=85%ile & <95%ile BMI for age & sex)	2005	14.2%
	2007	14.3%
	2009	14.0%
	2011	13.4%
	2013	14.9%
	Obese (>=95%ile BMI for age and sex)	2005
2007		15.6%
2009		14.5%
2011		13.2%
2013		13.4%
Overweight or obese (>=85%ile BMI for age & sex)		2005
	2007	30.0%
	2009	28.4%
	2011	26.6%
	2013	28.2%

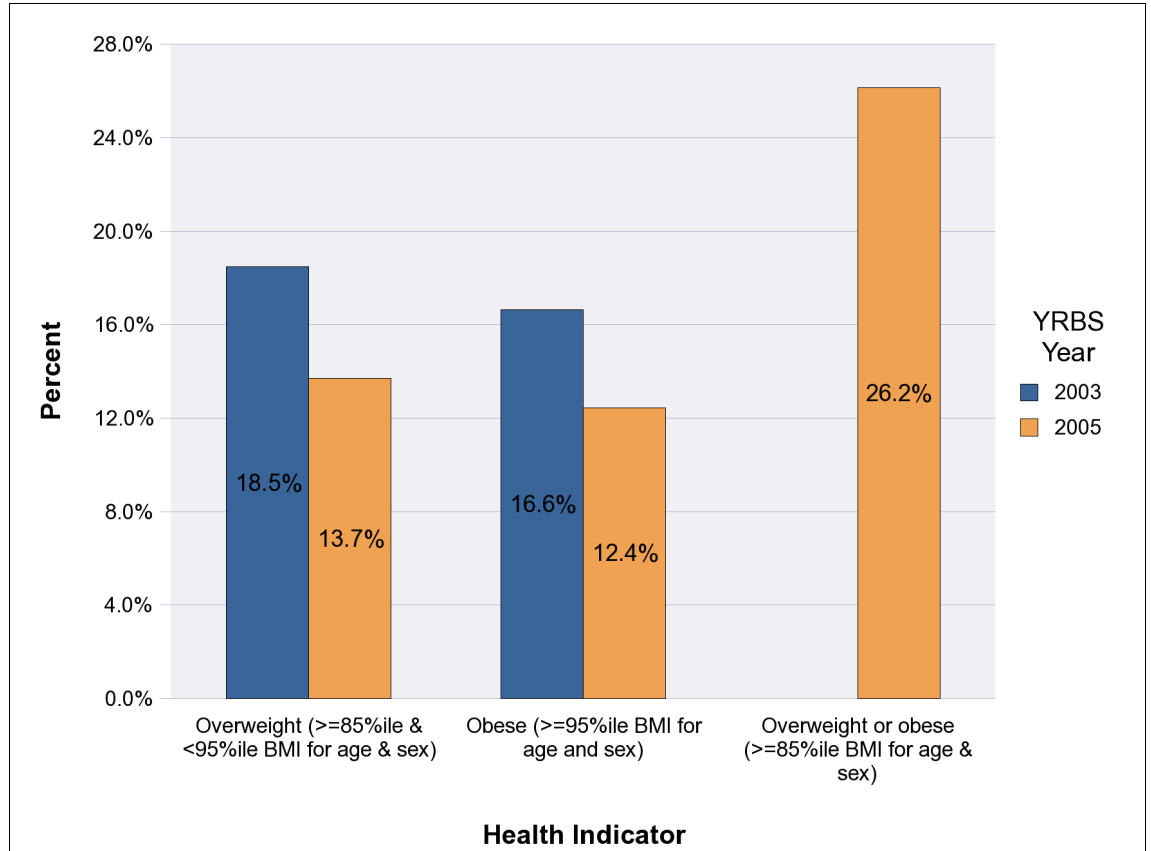


Overweight & Obesity by School Type, for the Years 2003 - 2013

Note: Weighted percentages, positive responses only, 95% confidence interval; n/r (Not Reportable) - Total unweighted responses less than 100

Middle Schools

Health Indicator	YRBS Year	Percent
Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)	2003	18.5%
	2005	13.7%
Health Indicator	YRBS Year	Percent
Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)	2003	16.6%
	2005	12.4%
Health Indicator	YRBS Year	Percent
Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)	2005	26.2%



Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2013

State	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	6,000	14.9%	12.9 - 16.8	5,400	13.4%	11.5 - 15.3	11,400	28.2%	25.5 - 31.0

Gender	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	3,100	15.4%	13.2 - 17.7	3,400	17.3%	14.8 - 19.7	6,500	32.7%	29.8 - 35.6
Female	2,900	14.3%	11.9 - 16.7	1,900	9.6%	7.1 - 12.0	4,800	23.9%	20.1 - 27.7

Grade Level	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
9th Grade	1,600	14.3%	12.7 - 15.9	1,300	11.9%	9.6 - 14.2	2,900	26.2%	23.7 - 28.8
10th Grade	1,400	14.1%	11.1 - 17.2	1,500	15.1%	11.0 - 19.1	2,900	29.2%	23.2 - 35.2
11th Grade	1,600	17.3%	12.7 - 21.8	1,000	11.3%	5.3 - 17.4	2,600	28.6%	22.1 - 35.1
12th Grade	1,300	14.1%	11.0 - 17.1	1,400	14.9%	11.7 - 18.1	2,800	29.0%	24.3 - 33.6

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2013

DOH Race-Ethnicity	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	500	9.5%	5.3 - 13.8	400	7.2%	3.3 - 11.1	1,000	16.8%	12.4 - 21.1
Native Hawaiian	1,400	15.1%	12.5 - 17.7	1,800	19.3%	17.0 - 21.5	3,100	34.4%	31.5 - 37.3
Filipino	1,800	16.4%	12.8 - 19.9	1,500	13.8%	11.3 - 16.4	3,300	30.2%	26.0 - 34.4
Japanese	700	16.7%	7.8 - 25.6	300	7.6%	0.0 - 16.8	1,000	24.3%	14.7 - 33.9
Black	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
Other Asian	200	11.8%	7.3 - 16.3	100	6.0%	1.7 - 10.2	200	17.8%	12.0 - 23.6
Other Pacific Islander	200	20.8%	14.1 - 27.4	300	31.2%	21.1 - 41.3	600	51.9%	42.0 - 61.8
Other	1,000	14.0%	11.6 - 16.4	800	12.2%	9.1 - 15.3	1,800	26.2%	22.9 - 29.6

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2011

State	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	5,700	13.4%	11.8 - 15.0	5,600	13.2%	10.8 - 15.5	11,200	26.6%	23.3 - 30.0

Gender	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	2,900	13.6%	11.4 - 15.9	3,700	17.7%	15.3 - 20.0	6,600	31.3%	27.4 - 35.2
Female	2,800	13.2%	11.3 - 15.2	1,800	8.7%	5.9 - 11.6	4,600	21.9%	18.4 - 25.5

Grade Level	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
9th Grade	1,900	16.3%	12.7 - 19.9	1,600	13.8%	11.3 - 16.2	3,600	30.1%	25.5 - 34.6
10th Grade	1,500	14.2%	11.0 - 17.3	1,400	12.7%	7.0 - 18.4	2,900	26.9%	18.9 - 34.9
11th Grade	1,000	10.2%	8.2 - 12.2	1,300	12.7%	9.4 - 15.9	2,300	22.8%	19.0 - 26.7
12th Grade	1,200	12.5%	10.7 - 14.3	1,100	12.5%	9.7 - 15.2	2,300	25.0%	22.1 - 27.9

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2011

DOH Race-Ethnicity	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	500	8.0%	3.8 - 12.3	300	5.5%	3.5 - 7.5	800	13.5%	8.9 - 18.2
Native Hawaiian	1,500	15.5%	12.9 - 18.2	1,500	15.8%	11.6 - 19.9	3,000	31.3%	26.4 - 36.2
Filipino	1,500	14.4%	10.7 - 18.2	1,500	14.4%	11.2 - 17.5	3,100	28.8%	24.0 - 33.6
Japanese	300	15.2%	8.1 - 22.3	100	4.5%	1.4 - 7.6	300	19.7%	13.1 - 26.3
Black	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
Other Asian	200	7.2%	4.2 - 10.2	200	8.2%	0.3 - 16.1	300	15.3%	7.3 - 23.4
Other Pacific Islander	300	20.4%	14.5 - 26.2	400	27.3%	16.8 - 37.9	700	47.7%	39.4 - 55.9
Other	1,300	14.3%	11.8 - 16.8	1,200	13.9%	9.6 - 18.1	2,500	28.1%	23.0 - 33.3

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2009

State	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	6,500	14.0%	11.3 - 16.6	6,700	14.5%	11.0 - 18.0	13,200	28.4%	23.3 - 33.6

Gender	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	3,300	13.2%	9.8 - 16.6	4,200	17.0%	13.1 - 20.8	7,400	30.1%	24.4 - 35.9
Female	3,200	14.8%	11.0 - 18.7	2,500	11.7%	7.1 - 16.3	5,700	26.5%	20.9 - 32.1

Grade Level	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
9th Grade	2,700	20.4%	13.7 - 27.0	2,100	16.0%	10.6 - 21.5	4,900	36.4%	26.1 - 46.7
10th Grade	1,400	11.8%	7.1 - 16.6	1,600	14.1%	9.6 - 18.6	3,000	26.0%	20.2 - 31.7
11th Grade	1,100	11.2%	5.7 - 16.7	1,500	15.1%	8.3 - 22.0	2,700	26.3%	19.2 - 33.4
12th Grade	1,200	11.0%	7.9 - 14.1	1,400	12.3%	6.8 - 17.8	2,600	23.3%	16.4 - 30.2

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2009

DOH Race-Ethnicity	Overweight (>=85%ile & <95%ile BMI for age & sex)			Obese (>=95%ile BMI for age and sex)			Overweight or obese (>=85%ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	600	9.3%	4.6 - 14.0	300	4.6%	1.1 - 8.2	900	14.0%	7.8 - 20.1
Native Hawaiian	1,900	16.6%	8.1 - 25.1	2,900	25.1%	17.1 - 33.1	4,800	41.7%	29.8 - 53.5
Filipino	1,300	12.3%	7.8 - 16.8	1,400	13.2%	8.1 - 18.3	2,700	25.5%	20.3 - 30.7
Japanese	800	16.7%	9.0 - 24.4	300	6.9%	0.9 - 12.8	1,100	23.6%	15.5 - 31.6
Black	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
Other Asian	200	10.5%	3.5 - 17.5	100	6.3%	1.7 - 10.8	300	16.7%	7.0 - 26.5
Other Pacific Islander	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Other	1,200	14.1%	10.3 - 17.8	1,000	11.3%	8.0 - 14.6	2,100	25.3%	19.2 - 31.4

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2007

State	Overweight (>=85%ile & <95%ile BMI for age & sex)			Obese (>=95%ile BMI for age and sex)			Overweight or obese (>=85%ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	7,300	14.3%	11.7 - 17.0	7,900	15.6%	12.7 - 18.5	15,200	30.0%	26.7 - 33.2

Gender	Overweight (>=85%ile & <95%ile BMI for age & sex)			Obese (>=95%ile BMI for age and sex)			Overweight or obese (>=85%ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	3,600	13.3%	9.6 - 17.0	5,300	19.4%	16.1 - 22.7	8,900	32.7%	28.2 - 37.2
Female	3,600	15.5%	10.5 - 20.5	2,600	11.3%	6.6 - 15.9	6,300	26.8%	21.5 - 32.0

Grade Level	Overweight (>=85%ile & <95%ile BMI for age & sex)			Obese (>=95%ile BMI for age and sex)			Overweight or obese (>=85%ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
9th Grade	2,200	15.4%	10.8 - 20.1	1,800	12.6%	6.7 - 18.6	4,000	28.1%	20.6 - 35.5
10th Grade	2,100	16.6%	11.6 - 21.5	2,200	17.1%	10.5 - 23.6	4,300	33.6%	26.0 - 41.2
11th Grade	1,600	12.3%	7.3 - 17.3	2,300	18.0%	13.3 - 22.6	3,800	30.3%	23.5 - 37.1
12th Grade	1,400	12.6%	8.3 - 17.0	1,600	14.5%	8.0 - 21.1	2,900	27.2%	18.9 - 35.4

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2007

DOH Race-Ethnicity	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Native Hawaiian	2,300	16.7%	10.5 - 22.9	3,100	22.7%	11.2 - 34.2	5,400	39.4%	29.9 - 48.9
Filipino	1,500	14.4%	9.9 - 18.9	1,800	17.4%	11.6 - 23.1	3,400	31.8%	25.0 - 38.6
Japanese	700	13.8%	6.9 - 20.6	300	6.1%	1.6 - 10.6	1,000	19.9%	11.7 - 28.1
Black	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
Other Asian	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
Other	1,700	16.9%	13.2 - 20.6	1,200	12.0%	8.3 - 15.6	2,800	28.9%	24.1 - 33.7

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2005

State	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	7,200	14.2%	12.2 - 16.2	6,800	13.5%	11.5 - 15.6	14,000	27.7%	25.5 - 29.9

Gender	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	4,300	15.7%	12.9 - 18.5	4,900	18.0%	15.1 - 20.8	9,200	33.7%	30.9 - 36.4
Female	2,900	12.4%	9.5 - 15.4	2,000	8.4%	5.7 - 11.0	4,900	20.8%	18.2 - 23.4

Grade Level	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
9th Grade	2,500	16.7%	13.4 - 20.0	1,900	12.9%	9.4 - 16.4	4,400	29.6%	24.8 - 34.4
10th Grade	1,500	11.6%	9.2 - 13.9	1,800	13.6%	10.3 - 17.0	3,300	25.2%	21.6 - 28.8
11th Grade	1,900	15.9%	12.6 - 19.1	1,800	15.2%	9.8 - 20.7	3,600	31.1%	24.0 - 38.2
12th Grade	1,200	11.9%	8.2 - 15.6	1,200	11.9%	6.7 - 17.2	2,500	23.8%	17.7 - 29.9

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

High Schools

Year: 2005

DOH Race-Ethnicity	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	800	9.3%	5.9 - 12.6	400	5.3%	2.5 - 8.2	1,200	14.6%	10.6 - 18.5
Native Hawaiian	1,300	12.1%	7.8 - 16.5	2,300	21.8%	17.7 - 25.9	3,500	33.9%	27.3 - 40.6
Chinese	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Filipino	2,200	18.0%	13.5 - 22.6	1,500	11.9%	6.7 - 17.2	3,700	29.9%	24.3 - 35.6
Japanese	800	10.0%	6.7 - 13.4	600	8.5%	4.1 - 12.9	1,400	18.5%	14.2 - 22.8
Black	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
Other	700	14.1%	6.1 - 22.1	700	13.6%	8.2 - 19.0	1,400	27.7%	18.0 - 37.4

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

Middle Schools

Year: 2005

State	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Totals	3,800	13.7%	10.9 - 16.5	3,400	12.4%	9.5 - 15.4	7,200	26.2%	21.1 - 31.2

Gender	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Male	2,200	15.3%	11.2 - 19.3	2,300	16.1%	13.3 - 18.9	4,600	31.4%	26.3 - 36.5
Female	1,500	12.0%	8.1 - 15.8	1,100	8.3%	4.5 - 12.1	2,600	20.3%	13.2 - 27.4

Grade Level	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)			Overweight or obese ($\geq 85^{\text{th}}$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
6th Grade	500	15.3%	10.6 - 19.9	500	15.7%	8.8 - 22.7	1,000	31.0%	24.3 - 37.7
7th Grade	1,600	15.0%	10.6 - 19.3	1,600	14.6%	10.1 - 19.2	3,200	29.6%	22.8 - 36.4
8th Grade	1,600	12.0%	8.8 - 15.1	1,200	9.3%	5.3 - 13.4	2,800	21.3%	15.3 - 27.2

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

Middle Schools

Year: 2005

DOH Race-Ethnicity	Overweight ($\geq 85\%$ ile & $< 95\%$ ile BMI for age & sex)			Obese ($\geq 95\%$ ile BMI for age and sex)			Overweight or obese ($\geq 85\%$ ile BMI for age & sex)		
	#	%	CI	#	%	CI	#	%	CI
Caucasian	200	5.0%	1.9 - 8.1	400	9.9%	3.5 - 16.4	600	14.9%	7.9 - 21.9
Native Hawaiian	900	18.0%	12.9 - 23.1	700	13.2%	6.2 - 20.3	1,500	31.2%	21.6 - 40.8
Chinese	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Filipino	1,000	13.7%	9.8 - 17.6	1,000	13.7%	9.8 - 17.7	2,000	27.4%	23.6 - 31.3
Japanese	300	8.5%	5.3 - 11.6	400	11.7%	4.1 - 19.2	700	20.2%	11.8 - 28.5
Black	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
Other	500	15.4%	5.9 - 25.0	400	12.3%	4.5 - 20.1	1,000	27.7%	16.1 - 39.3

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

Middle Schools

Year: 2003

State	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)		
	#	%	CI	#	%	CI
Totals	5,000	18.5%	17.3 - 19.7	4,500	16.6%	15.5 - 17.7

Gender	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)		
	#	%	CI	#	%	CI
Male	2,800	19.7%	18.1 - 21.4	3,000	20.9%	19.2 - 22.6
Female	2,200	17.1%	15.4 - 18.7	1,500	11.8%	10.4 - 13.2

Grade Level	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)		
	#	%	CI	#	%	CI
6th Grade	800	19.5%	16.3 - 22.6	900	20.8%	17.2 - 24.4
7th Grade	2,000	18.7%	16.9 - 20.5	1,800	17.3%	15.5 - 19.2
8th Grade	2,100	17.9%	16.1 - 19.6	1,700	14.5%	13.0 - 16.0

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.

Overweight & Obesity by School Type, State, Gender, Grade Level, and DOH Race-Ethnicity,* for the Years 2003 - 2013

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

Middle Schools

Year: 2003

DOH Race-Ethnicity	Overweight ($\geq 85^{\text{th}}$ ile & $< 95^{\text{th}}$ ile BMI for age & sex)			Obese ($\geq 95^{\text{th}}$ ile BMI for age and sex)		
	#	%	CI	#	%	CI
Caucasian	700	15.6%	12.4 - 18.9	400	9.3%	6.8 - 11.9
Native Hawaiian	1,500	19.9%	17.3 - 22.4	1,500	20.1%	17.5 - 22.7
Chinese	100	14.5%	9.0 - 19.9	<50	7.2%	3.5 - 11.0
Filipino	1,100	19.0%	16.6 - 21.4	1,000	18.4%	16.1 - 20.8
Japanese	300	18.0%	14.8 - 21.2	200	12.5%	9.8 - 15.3
Black	100	16.7%	10.2 - 23.3	100	17.0%	10.4 - 23.7
Other	1,400	18.8%	17.2 - 20.4	1,300	17.4%	15.9 - 19.0

* Race-ethnicity data from 2011 forward may not be comparable to data from previous years.