

# Alaska Obesity Prevention and Control: Student Weight Status

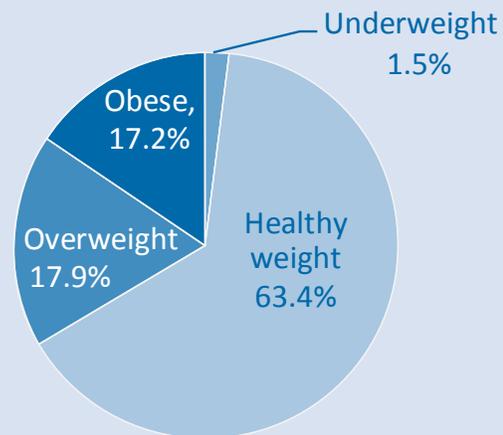
## PETERSBURG SCHOOL DISTRICT

### 2014-2015 District Summary

Over the 2014-15 school year, Petersburg School District staff measured the height and weight of 390 students (90% of all enrolled) in grades K-12. With measurement results scaled to represent each grade's enrolled population:

- 17.9% of students were overweight (BMI 85<sup>th</sup>-95<sup>th</sup> percentile)
- 17.2% of students were obese (BMI  $\geq$  95<sup>th</sup> percentile)
- 2.6% of students were severely obese, with a BMI  $\geq$ 120% of the 95<sup>th</sup> percentile
- The prevalence of overweight/obesity was slightly higher among female students (37.9%) than among male students (32.8%).

Figure 1: Student Weight Status among PSD Students, Grades K-12, 2014-2015



### Weight Status by Grade

The percentage of students either overweight or obese was highest amongst Kindergarten and 1<sup>st</sup>-grade students, as was the prevalence of obesity alone. These percentages were lowest among 9<sup>th</sup>-12<sup>th</sup> graders and 7<sup>th</sup>-8<sup>th</sup> graders, respectively. Over 31% of students were either overweight or obese in all grade ranges.

Figure 2: Prevalence of Overweight and Obesity, by Grade Range, among PSD Students, Grades K-12, 2014-2015



### Disparities in Weight Status

Reporting by race allows us to identify racial disparities in order to address and reduce them. The prevalence of obesity among American Indian/Alaska Native (31.4%) students was significantly higher than among White students (12.6%).

Figure 3: Prevalence of Overweight and Obesity, by Race/Ethnicity, among PSD Students, Grades K-12, 2014-2015



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## PREVALENCE OF OVERWEIGHT AND OBESITY (WITH 95% CONFIDENCE INTERVALS) PETERSBURG SCHOOL DISTRICT STUDENTS IN GRADES K-12

**Table 1: Weight Status Overall and by Sex, 2014-2015**

Sex	% Overweight & Obese	% Overweight	% Obese
Overall	35.1 (33.6-36.7)	17.9 (16.7-19.2)	17.2 (16.0-18.5)
Male	32.8 (30.7-35.0)	14.4 (12.9-16.1)	18.4 (16.7-20.3)
Female	37.9 (35.6-40.3)	22.2 (20.3-24.1)	15.8 (14.0-17.7)

**Table 2: Weight Status by Grade Range, 2014-2015**

Grade Range	% Overweight & Obese	% Overweight	% Obese
K-1	46.6 (42.0-51.3)	26.3 (22.4-30.7)	20.3 (16.6-24.5)
2-6	34.9 (32.6-37.3)	16.2 (14.7-17.8)	18.8 (16.8-20.9)
7-8	33.7 (29.9-37.6)	19.0 (16.0-22.4)	14.7 (12.0-17.8)
9-12	31.3 (28.4-34.3)	15.8 (13.7-18.2)	15.4 (13.3-17.8)
K-8 combined*	34.8 (32.5-37.3)	19.8 (17.9-21.9)	15.0 (13.2-17.1)

\* Overweight and obesity prevalence for grades K-8 are comparable to [Healthy Alaskans 2020 Statewide Leading Health Indicators](#).

**Table 3: Weight Status by Race/Ethnicity, 2014-2015<sup>†</sup>**

Race/Ethnicity	% Overweight & Obese	% Overweight	% Obese
White	31.7 (30.0-33.5)	19.2 (17.7-20.7)	12.6 (11.4-13.9)
American Indian / Alaska Native	48.3 (43.9-52.7)	16.9 (13.7-20.6)	31.4 (27.3-35.8)
Other	38.8 (34.4-43.4)	12.8 (10.3-16.0)	26.0 (21.9-30.5)

<sup>†</sup> Reporting by race allows us to identify racial disparities in order to address and reduce them.

**Table 4: Weight Status by School Year**

School Year	% Overweight & Obese	% Overweight	% Obese
2013-14	33.5 (31.1-36.1)	20.5 (18.3-22.8)	13.1 (11.6-14.7)
2014-15	35.1 (33.6-36.7)	17.9 (16.7-19.2)	17.2 (16.0-18.5)

Percentages may not sum precisely due to rounding.



The State of Alaska Department of Health and Social Services  
Obesity Prevention and Control Program  
June 2015

[dhss.alaska.gov/dph/Chronic/Pages/Obesity/](http://dhss.alaska.gov/dph/Chronic/Pages/Obesity/)

