

Alaska Obesity Prevention and Control: Student Weight Status

PREVALENCE OF OVERWEIGHT AND OBESITY (WITH 95% CONFIDENCE INTERVALS) KPBSD STUDENTS, 2012-13 SCHOOL YEAR

Table 1: Weight Status Overall and by Sex

Sex	% Overwgt & Obese	% Overweight	% Obese
Overall	37.1 (35.0-39.3)	18.4 (17.2-19.7)	18.7 (17.1-20.4)
Male	39.2 (36.9-41.5)	18.7 (17.3-20.2)	20.5 (18.7-22.5)
Female	34.9 (32.1-37.8)	18.1 (16.5-19.9)	16.7 (15.0-18.7)

Table 2: Weight Status by Grade

Grade	% Overwgt & Obese	% Overweight	% Obese
Pre-K	44.4 (29.7-60.0)	21.6 (14.2-31.5)	22.8 (14.1-34.6)
Kindergarten	36.1 (29.2-43.6)	20.9 (16.6-26.0)	15.2 (11.7-19.4)
1 st	32.2 (27.6-37.2)	19.6 (16.5-23.3)	12.6 (10.2-15.4)
2 nd	35.3 (30.1-40.9)	18.5 (15.3-22.3)	16.8 (12.8-21.7)
3 rd	35.2 (30.9-39.7)	17.1 (14.4-20.2)	18.0 (15.5-20.9)
4 th	37.1 (33.5-40.8)	18.7 (16.1-21.5)	18.4 (15.6-21.5)
5 th	41.4 (37.2-45.7)	17.3 (14.6-20.3)	24.1 (21.6-26.8)
6 th	40.4 (37.0-44.0)	19.5 (16.4-23.2)	20.9 (17.7-24.5)
7 th	35.3 (32.6-38.2)	18.3 (16.3-20.5)	17.0 (14.7-19.7)
8 th	38.2 (33.7-42.8)	19.3 (17.9-20.8)	18.9 (15.6-22.8)
9 th	41.4 (36.2-46.8)	20.5 (18.5-22.7)	20.9 (15.8-27.0)
10 th	36.8 (34.6-39.0)	16.8 (14.5-19.4)	19.9 (16.9-23.4)
11 th	36.7 (31.4-42.4)	17.0 (13.8-20.7)	19.7 (15.7-24.5)
12 th	33.5 (28.9-38.5)	15.1 (12.0-18.8)	18.4 (14.4-23.2)
K-8 combined*	36.0 (33.0-39.2)	18.7 (16.7-20.8)	17.4 (15.8-19.1)

* 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*

Race/Ethnicity	% Overwgt & Obese	% Overweight	% Obese
White	35.0 (32.8-37.2)	17.9 (16.6-19.2)	17.1 (15.6-18.7)
American Indian / Alaska Native	47.3 (43.4-51.3)	20.6 (17.7-23.9)	26.7 (22.8-30.9)
Other	41.2 (38.2-44.4)	19.9 (18.1-22.0)	21.3 (18.5-24.4)

* 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	% Overwgt & Obese	% Overweight	% Obese
2011-12*	36.0 (33.6-38.5)	18.9 (17.2-20.7)	17.1 (15.7-18.6)
2012-13	36.9 (34.8-39.1)	18.3 (17.2-19.6)	18.6 (17.0-20.2)

* KPBSD did not measure 10th and 12th grade students during the 2011-12 school year.

Table 5: Weight Status by School Socioeconomic Status (SES)*

School SES	% Overwgt & Obese	% Overweight	% Obese
Lower SES Schools	40.5 (36.5-44.6)	19.5 (17.2-22.0)	21.0 (17.9-24.5)
Higher SES Schools	34.9 (33.4-36.4)	17.7 (16.6-19.0)	17.2 (16.1-18.3)

*School SES is based on the proxy measure of proportion of students enrolled in the free- and reduced-price meal program. Schools with 45% or more of students enrolled in the program were classified as lower SES schools.



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