The Importance of Plant-Based Foods in Schools for Health

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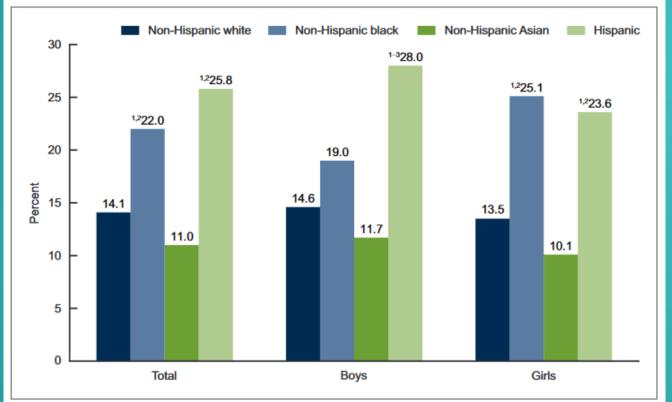


Why would a doctor be interested in school food?

Today's Landscape

Latest CDC Statistics

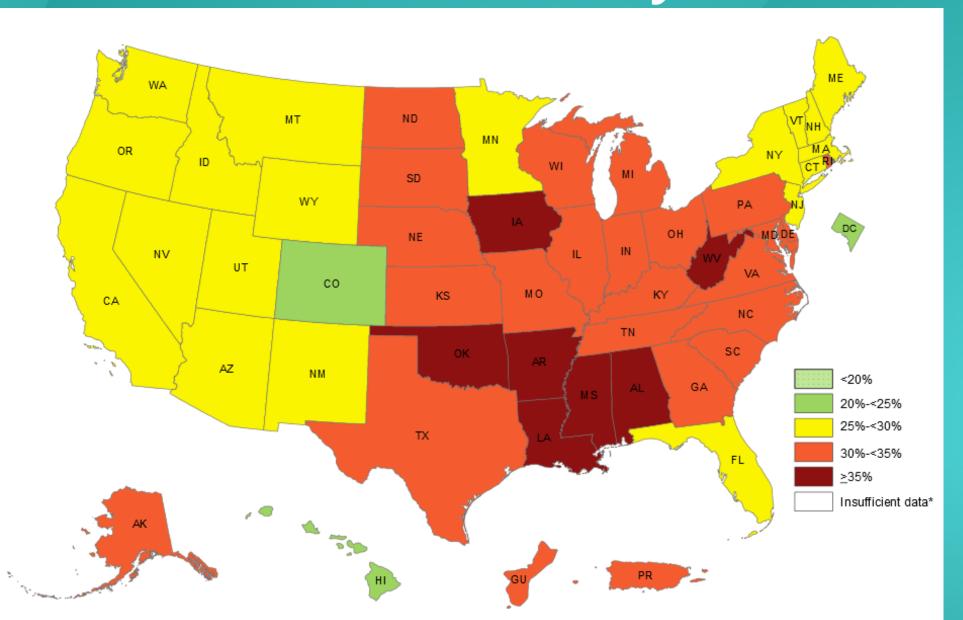
Figure 4. Prevalence of obesity among youth aged 2–19 years, by sex and race and Hispanic origin: United States, 2015–2016



¹Significantly different from non-Hispanic Asian persons.
²Significantly different from non-Hispanic white persons.
³Significantly different from non-Hispanic black persons.
NOTE: Access data table for Figure 4 at: https://www.cdc.gov/nchs/data/databriefs/db288_table.pdf#4.
SOURCE: NCHS, National Health and Nutrition Examination Survey, 2015–2016.

- Almost 1 in 5 kids ages 2-19 are obese
- Hispanics (25.8%) and African Americans (22.0%) had higher obesity prevalence than Caucasians (14.1%).
- Childhood obesity increases risk for obesity in adulthood

2017 Adult Obesity Rates

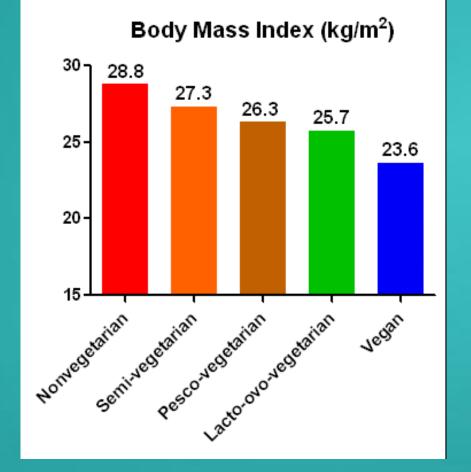


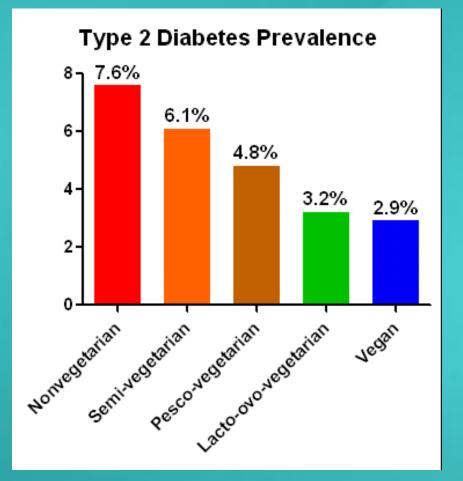
Obesity-related conditions include: heart disease, stroke, type 2 diabetes and certain types of cancer. These are some of the leading causes of preventable, premature death.



Adventist Health Study – 2

60,903 participants, aged ≥30, enrolled 2002-2006





Tonstad S, et al. Type of vegetarian diet, body weight and prevalence of type 2 diabetes. Diabetes Care 2009;32:791-6.

How Plants Can Help



A new study in the *Journal of the Academy of Nutrition and Dietetics* shows a vegetarian diet helps reduce body weight, which can help you shed excess pounds and reduce the risk for chronic disease. Want to know the secret to why a plant-based diet can help you look good and feel great? Fiber! Fiber is made of indigestible plant roughage that fills you up without adding extra calories.

Aim for about 40 grams of fiber per day by filling up on these nutrient-packed foods:



*Source: Barnard, N.D., Levin, S.M., Yokoyama, Y.A Systematic Review and Meta-Analysis of Changes in Body Weight in Clinical Trials of Vegetarian Diets. *Journal of the Academy of Nutrition and Dietetics* (in press).

Note: All information is for cooked servings, except the fruit category.

PhysiciansCommittee.org

Plants are packed with fiber unlike animal products.

Fiber Facts

- Only found in whole plant foods
- Promotes healthy gut bacteria
- ✓ Lowers cholesterol
- ✓ Stabilizes blood sugar
- ✓ Contributes to satiety
- Promotes bowel regularity



What else is unique to plants?

- Packed with vitamins and minerals which increase metabolism (fuel burning)
- ✓ Mostly low in saturated fat
- Void of cholesterol
- Rich in antioxidants
- Can meet all of our nutrient needs with the exception of vitamin B12



Making a Change

Start Now

Food preferences and lifestyle habits such as physical activity are established early in life. Early exposure matters!





Eating plant-based foods is an easy way to boost your health in all stages of life.

Take better care of yourself by trying one of these plant-based swaps today!



What swaps can you start with?





Success Story: Family Care

- 10 year old patient with asthma and allergies, also overweight
- Medication use year-round and frequent colds
- Couldn't participate in recess, psychosocial issues
- Diet and lifestyle changes implemented
- Within 3 months weight loss of 10 lbs and less use of medications, more energy
- Impacting the family: mother lost weight, and improved her diabetes!

Milk, Dairy and Racial Inequity

USDA protects public's health while pushing agricultural products

Lactose intolerance affects 30-50 million Americans (National Institutes of Health)

- Diarrhea, bloating, gas and abdominal pain
- 80-100% of Asian Americans, African Americans, Native Americans and Latinos are affected by lactose intolerance
- National School Lunch program requires dairy milk in schools
- Significant contributor to obesity epidemic fat, sugar, and salt

School Food Resources

- *Plantrician* Pediatric Quick Start Guide <u>plantricianproject.org/quickstartguide</u>
- Forward Food K-12 Scaled Recipes: forwardfood.org/foodservice
- Physicians Committee Recipes and Nutrition for Kids: <u>healthyschoollunches.org</u>
- One Meal a Day: omdfortheplanet.com/take-action/schools/
- Balanced Guides: <u>balanced.org/menus</u>
- Veggie Fit Kids: veggiefitkids.com/
- Dr. Michael Greger: nutritionfacts.org

Please Stay in Touch!

- Meet me at the Physicians Committee booth later today!
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