Healthy Children, Healthy State:

SUGAR SWEETENED DRINKS

Michael & Susan Dell Center for Healthy Living

Sugary drinks threaten the health of children:

The American Heart Association recommends children younger than 18 consume less than 6 teaspoons (25 grams) of added sugars daily.⁶ A 12-ounce soda contains 10 teaspoons of sugar on average.^{7*}

Sugar Consumption Crisis:



Kids who drink one sugar-sweetened drink per day can gain up to 14.5 pounds of unnecessary weight (depending on age and size) in one year⁸.



Every day 31.6% of 2nd graders drink 1 or more regular sodas².



Every day 44.3% of 11th graders drink 1 or more regular sodas².



Every day 80.6% of 11th graders drink one or more sugar-sweetened drinks*, differing by race/ ethnicity:

- 83.0% of African Americans;
- 79.1% of Hispanics;
- 81.9% of White/Other².

Current and Lifetime Risks:

Sugar sweetened drinks have negative health associations.

- Tooth Decay
- Overweight and Obesity⁴
- Type 2 Diabetes³
- Heart Disease9

Number of Times Sugar-Sweetened Drinks* Were Consumed Yesterday²:



We can improve what Texas children drink by:⁵

- · Providing clean drinking water in schools and child care centers and promoting water as the healthiest drink
- Prohibiting sale of sugar-sweetened drinks in schools and other youth-oriented settings
- Encouraging food marketing companies to reduce unhealthy food and drink marketing to children
- Establishing healthy checkout areas without sugar-sweetened drinks at grocery, retail, and corner stores

^{*}Sugar-sweetened drink is defined as flavored milk, regular (not diet) soda, punch/fruit drinks, coffee/tea with sugar, and energy drinks on the Texas SPAN Survey²









Current Sugar-Sweetened Drink Guidelines

Infants younger than 12 months¹ should not drink juice, milk, flavored milks, 'transition' or 'weaning' formulas, plant-based/non-dairy milks, drinks with caffeine, low-calorie sweetened drinks, or sugar-sweetened drinks.

Children between 1 - 3 years old¹ should limit fruit juice consumption to 4 ounces (1/2 cup) per day. They should not drink flavored milks, 'transition' or 'weaning' formulas, plant-based/non-dairy milks, drinks with caffeine, low-calorie sweetened drinks, or sugar-sweetened drinks.

Children between 4 - 5 years old¹ should limit fruit juice consumption to 4 - 6 ounces (1/2 - 3/4 cup) per day. They should not drink flavored milks, 'transition' or 'weaning' formulas, plant-based/non-dairy milks, drinks with caffeine, low-calorie sweetened drinks, or sugar-sweetened drinks.

Adolescents between 2 - 18 years old⁶ should consume less than 6 teaspoons (25 grams) of added sugars daily.

References

- 1. Lott M, et al. Consensus Statement. Healthy Beverage Consumption in Early Childhood: Recommendations from Key National Health and Nutrition Organizations. 2019 (https://healthyeatingresearch.org/research/consensus-statement-healthy-beverage-consumption-in-early-childhood-recommendations-from-key-national-health-and-nutrition-organizations/)
- 2. School Physical Activity and Nutrition (SPAN) Project 2019-2020. Michael & Susan Dell Center for Healthy Living. SPAN project details available online at go.uth.edu/SPAN.

The School Physical Activity and Nutrition (SPAN) Project is a surveillance system monitoring the prevalence of overweight/obesity in school-aged children in Texas conducted by researchers at the Michael & Susan Dell Center for Healthy Living. SPAN has been funded by the Texas Department of State Health Services since 2000 to conduct height and weight measurements across different grade levels.

- 3. Choo, V L, et al. Food sources of fructose-containing sugars and glycaemic control: systematic review and meta-analysis of controlled intervention studies. 2018 (https://www.bmj.com/content/363/bmj.k4644)
- 4. Woodward-Lopez G, et al. To what extent have sweetened beverages contributed to the obesity epidemic? 2011 (https://pubmed.ncbi.nlm.nih.gov/20860886/)
- 5. Muth N D, et al. Public Policies to Reduce Sugary Drink Consumption in Children and Adolescents 2019 (pediatrics.aappublications.org/content/143/4/e20190282)
- 6. Vos M B, et al. Added Sugars and Cardiovascular Disease Risk in Children: A Scientific Statement From the American Heart Association. 2016 (ahajournals.org/doi/full/10.1161/CIR.000000000000439)
- 7. Sip Smarter Infographic. American Heart Association. 2018. (www.heart.org/en/healthy-living/healthy-eating/eat-smart/sugar/sip-smarter-infographic)
- 8. Hall KD, et al. From calories to weight change in children and adults: the state of the science. Healthy Eating Research. (2016). (https://healthyeatingresearch.org/wp-content/uploads/2016/06/her_weight_change-FINAL-2.pdf)
- 9. Pacheco, LS, et al. Sugar-Sweetened Beverage Intake and Cardiovascular Disease Risk in the California Teachers Study. (2020). (https://www.ahajournals.org/doi/full/10.1161/JAHA.119.014883)

About the Texas Child Health Status Report

These reports utilize state-level data from the School Physical Activity and Nutrition (SPAN) Project to provide an accurate representation of Texas child health. This project is funded by the Michael & Susan Dell Foundation.

Learn more at http://go.uth.edu/TexasChildHealth

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