Texas children are sedentary.

Screen time is a proxy for prolonged sedentary time. Screen time includes time spent watching television, playing video games, or using an electronic device with a screen such as a smartphone or tablet. The World Health Organization’s screen time recommendations change based on a child’s age. Screen time is not recommended for children 1 year old or younger. Screen time should be no more than 1 hour per day for children 2-4 years old.

Screen Time Crisis

- Having a television in a 2nd grade student’s bedroom varies by race/ethnicity: 73.5% of African Americans and 62.7% of Hispanics have one compared to 28.7% of White/Other.2
- 36.0% of 2nd graders have a computer, tablet, phone, or gaming console in their bedroom compared to 68.8% of 4th graders.2
- 41.6% of 8th graders play 2 or more hours of video or computer games daily, outside of school hours.2
- 12.6% of 11th grade boys spend 6 or more hours playing video or computer games daily, outside of school hours.2

Current and Lifetime Risks

- Sedentary behaviors including screen time duration and frequency have negative health associations:
  - Increased obesity and overweight
  - Higher clustered cardiometabolic risk scores
  - Decreased physical activity
  - Lower self-esteem

- **Hours of total screen time** per day2

<table>
<thead>
<tr>
<th>Percentage of Texas Students</th>
<th>2nd Grade</th>
<th>4th Grade</th>
<th>8th Grade</th>
<th>11th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 2 hours</td>
<td>24.9%</td>
<td>27.0%</td>
<td>10.7%</td>
<td>10.1%</td>
</tr>
<tr>
<td>2 - 4 hours</td>
<td>23.1%</td>
<td>52.6%</td>
<td>26.7%</td>
<td>28.9%</td>
</tr>
<tr>
<td>More than 4 hours</td>
<td>52.0%</td>
<td>40.4%</td>
<td>62.6%</td>
<td>61.0%</td>
</tr>
</tbody>
</table>

*Total screen time includes television, computer, tablet, smartphone, and videogames outside of school time and schoolwork

How we can improve Texas children’s sedentary time

- Develop a family media plan to help balance digital and real life from birth to adulthood5
- Designate media-free times together as a family, such as dinner or driving, as well as media-free locations at home, such as bedrooms5
- Limit eating in front of screens6
- Limit sitting for more than 60 minutes without getting up7
Current Screen Time Guidelines

The World Health Organization’s recommendations change based on a child’s age:

- Infants (less than 1 year): Screen time is not recommended.
- Children (1 year of age): Sedentary screen time is not recommended.
- Children (2-4 years of age): Sedentary screen time should be no more than 1 hour; less is better.

The American Academy of Pediatrics’ recommendations change based on a child’s age:

- Infants (less than 18 months): Avoid use of screen media other than video-chatting.
- Children (18-24 months): Parents who want to introduce digital media should choose high-quality programming, and watch it with their children to help them understand what they’re seeing.
- Children (2-5 years): Limit screen use to 1 hour per day of high-quality programs. Parents should co-view media with children to help them understand what they are seeing and apply it to the world around them.
- Children (6 years of age and older): Place consistent limits on the time spent using media, and the types of media, and make sure media does not take the place of adequate sleep, physical activity and other behaviors essential to health.

References


2. School Physical Activity and Nutrition (SPAN) Project. 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.


About the Texas Child Health Status Report

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

Learn more at go.uth.edu/TexasChildHealth

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