

Future Education and EduTech

GLOBAL HR FORUM
Seoul, SOUTH KOREA
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The World Has Changed

Which one was made by AI?



A



B



C

The Digital Divide in 2000

Computer at Home

Low-income
households

22%

High-income
households

86%

“The first objective is to secure access for all to hardware and software, since one of the major causes of the digital divide is the gulf between technology-rich and technology-poor homes, schools, communities and nations.”

- OECD: *Learning to Bridge the Digital Divide*, 2000

The Digital Divide in 2018

Teens who have access to a smartphone

95%

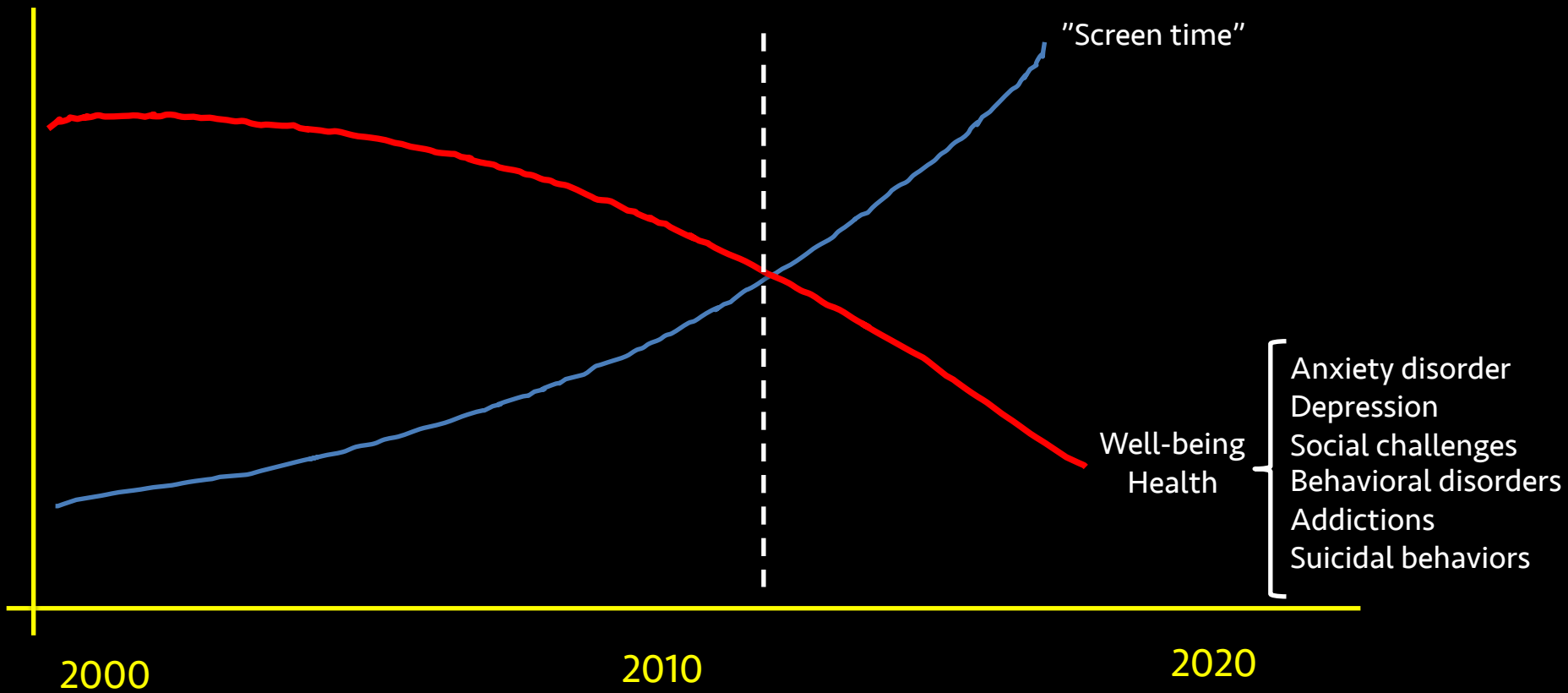
Teens who are online almost constantly

45%

Kids under 8 who have access to a mobile device at home

98%

The Inconvenient Truth



More hours of screen time are associated with lower well-being in ages 2 to 17.

- Twenge and Campbell, 2018

High users show less curiosity, self-control, and emotional stability.

- Twenge and Campbell, 2018

Growing Up Digital

(Alberta Teachers Association &

Harvard Medical School/Boston Children's Hospital)

DISCONNECTING

Alberta teachers have observed dramatic changes in their student populations over the past three to five years.

EMOTIONAL AND SOCIAL CHALLENGES



of teachers say that the number of students with emotional challenges has increased.



of teachers say that the number of students with social challenges has increased.

85%

of teachers say that the number of students who need behaviour support has increased.



“ Is a student's increasing online presence decreasing real-world satisfaction and positive peer-to-peer interaction? ”

— Elementary school teacher

MOOD DISORDERS

3 out of 4 teachers say that the number of students with cognitive challenges has increased.



STUDENT CHALLENGES

ANXIETY DISORDER **85%**

DEPRESSION **73%**

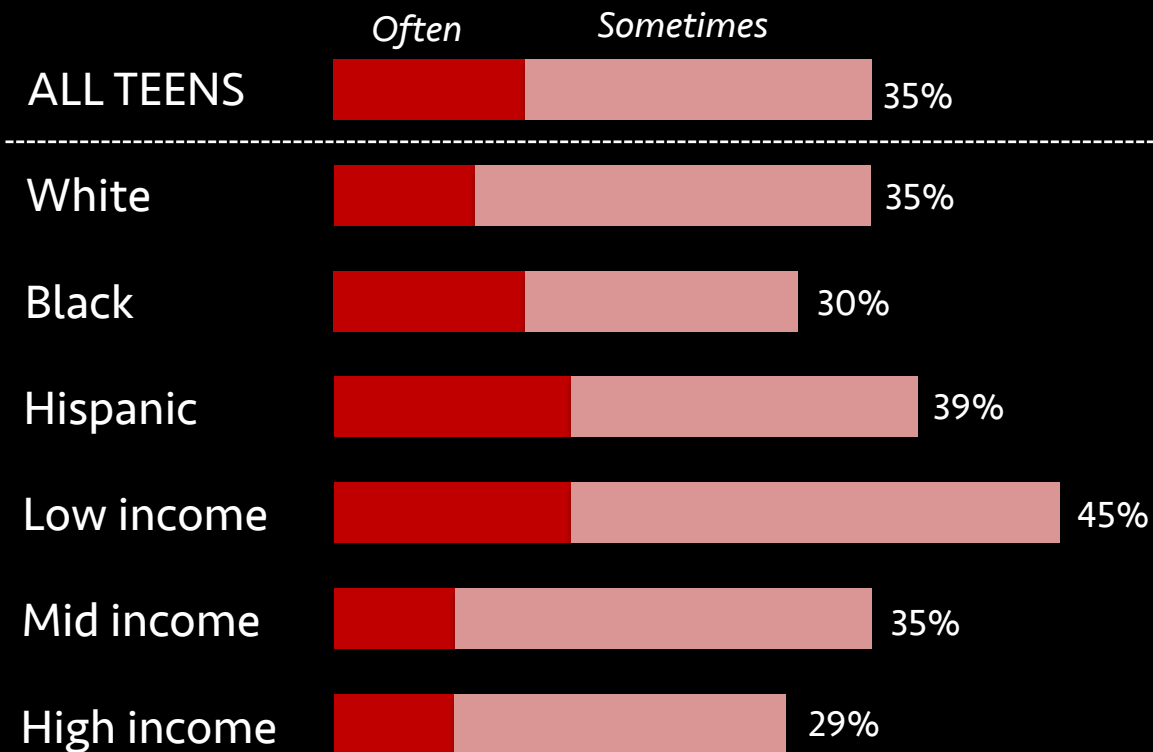
Digital Divide 2.0

Teenagers' daily screen time:

- Lower-income teens: Over 8 hours
- Higher-income teens: Less than 6 hours

Teenagers from lower-income households are likely to be impacted by the digital 'homework gap'

"I have to do my homework on a cellphone..."



**“Technology Is a Huge Social
Experiment on Children”**

- New York Times, 26 Oct 2018

What should schools do?

It may be that the kids of poorer parents will be raised by digital screens, while the children of elite will be returning back to wooden toys and the luxury of human interaction.

1. Teach self-control

2. Read books

3. Sleep more

4. Write letters

5. Play hard

Thank you!



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