



Network to Advance State Attendance Policy and Practice





Introductions

In the Chat, please share:

- Your name
- Organization
- State



Agenda

A. Presentation and Discussion - Covid-19 and Education: An Emerging K-Shaped Recovery.

- Presenter: Emma Dorn, Global Education Practice Manager, McKinsey and Company

B. Planning for Summer – National Summer Learning Association

- How are states anticipating they will use summer to support connection and recovery?
What policies, practices or planning resources are in place or ready for development?

C. Comprehensive Attendance Data Collection and Reporting

- AW 50 state scan
- Accountability Implications

D. AW latest resources

- Winter toolkit
- Attendance Awareness Campaign

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COVID-19 Unfinished learning – December 2021 Report

An emerging K-shaped recovery

December 2021

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**What is the impact of the
pandemic on student
learning to date?**

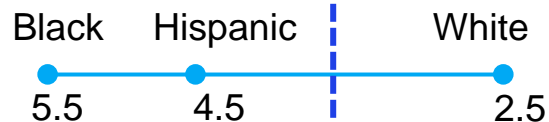
By the start of the 2021-2022 school year, students were on average 4 months behind in math and 3 months behind in reading

Cumulative months of unfinished learning due to the pandemic, grades 1 through 6

Math Number of months behind

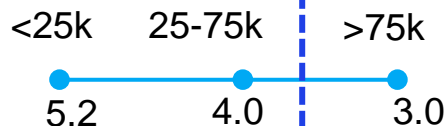
By race

Schools that are >75% ...



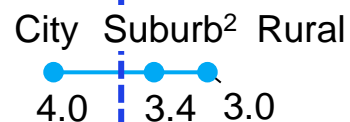
By income

Average school income ...



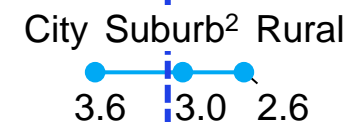
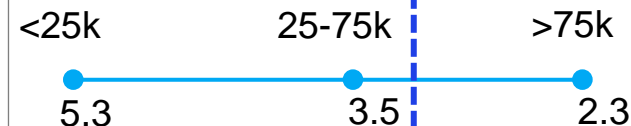
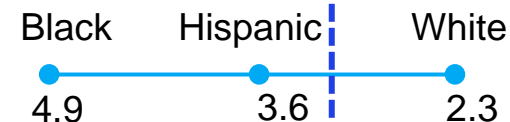
By location

School location



Average ~4 months¹

Reading Number of months behind

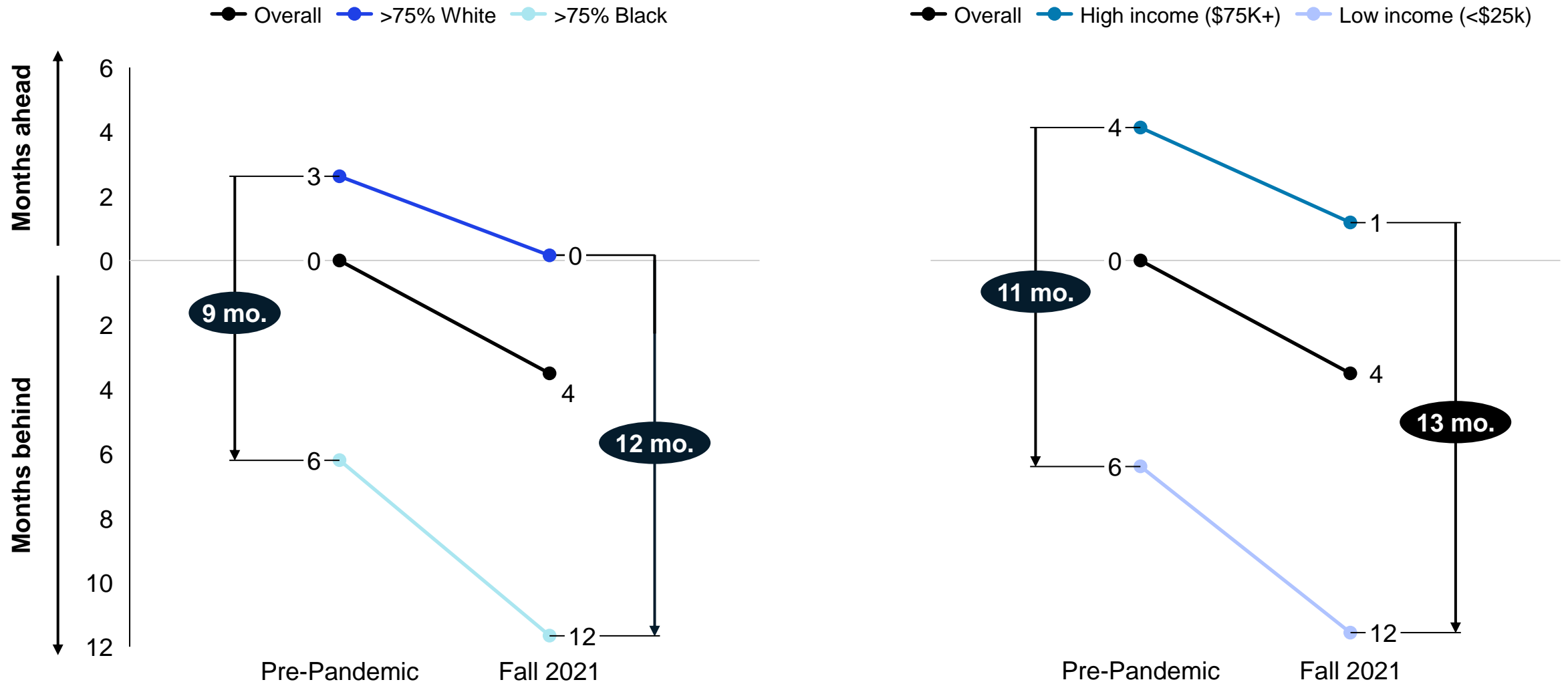


Average ~3 months¹

1. Values have been rounded to the nearest whole number. Averages are 3.5 months for math and 3.1 months for reading; 2. Town or suburb

The gap between students in majority-Black schools and students in majority-white schools is now 3 months wider than it was prior to the pandemic

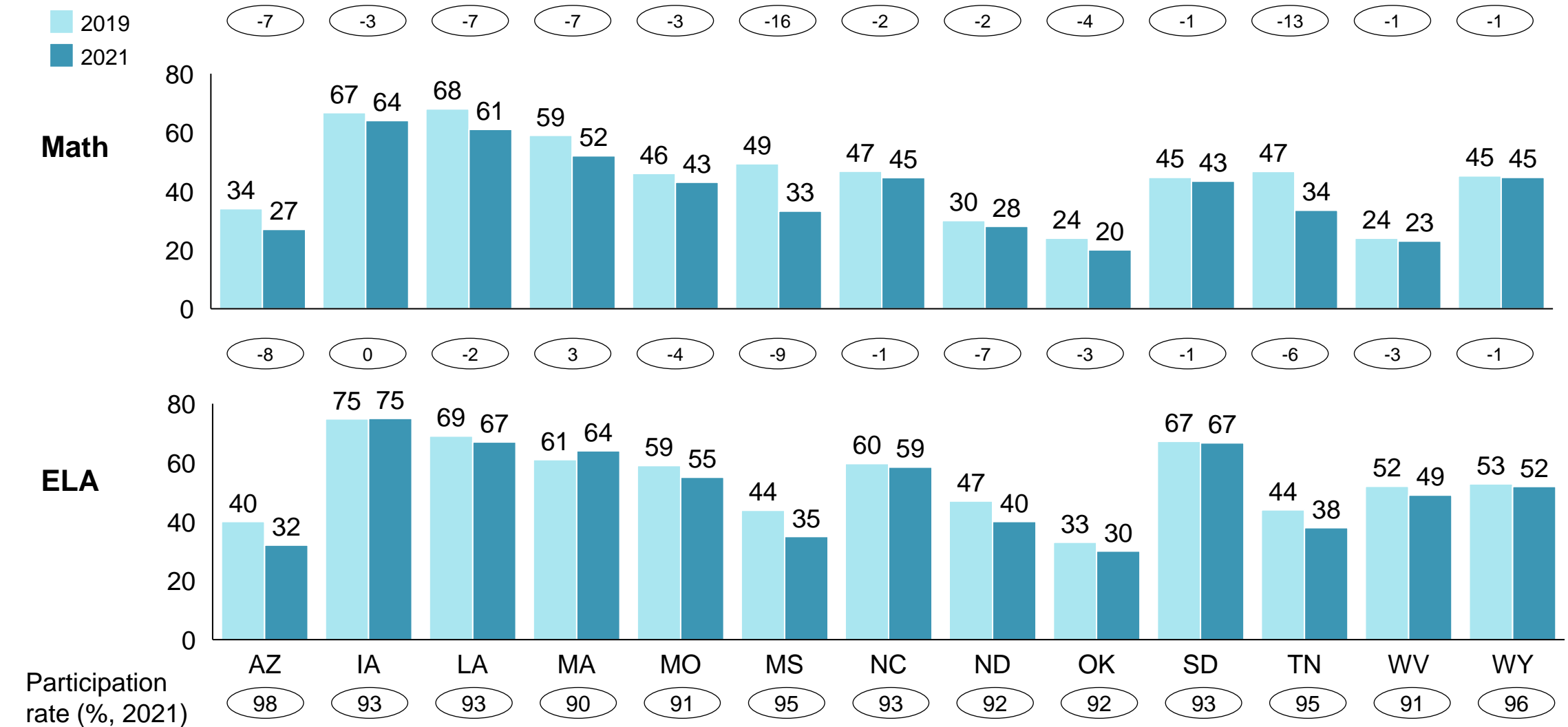
Cumulative months of math unfinished learning, pre-pandemic and due to the pandemic, grades 1 through 6¹



1. Values, including deltas between lines, have been rounded to the nearest whole number (ethnicity gap widened by 3.0 months, income gap by 2.2 months)

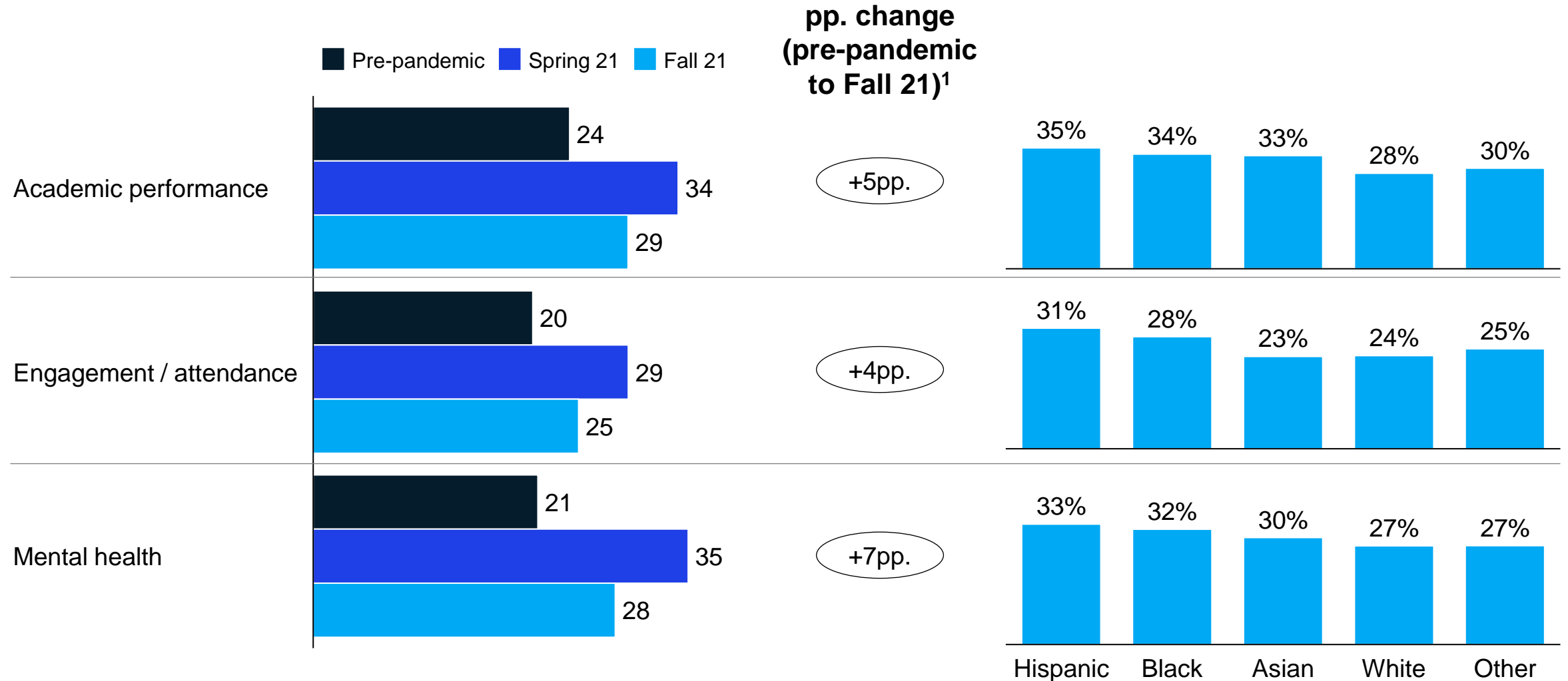
Unfinished learning is also present among high schoolers, as evidenced by lower proficiency rates in 2021 v. 2019 across most States

2019 and 2021 average Math & ELA proficiency rates by State, for those with >90% participation in 2021



Parental concerns are still above pre-pandemic levels; parents of Black and Hispanic students are most concerned

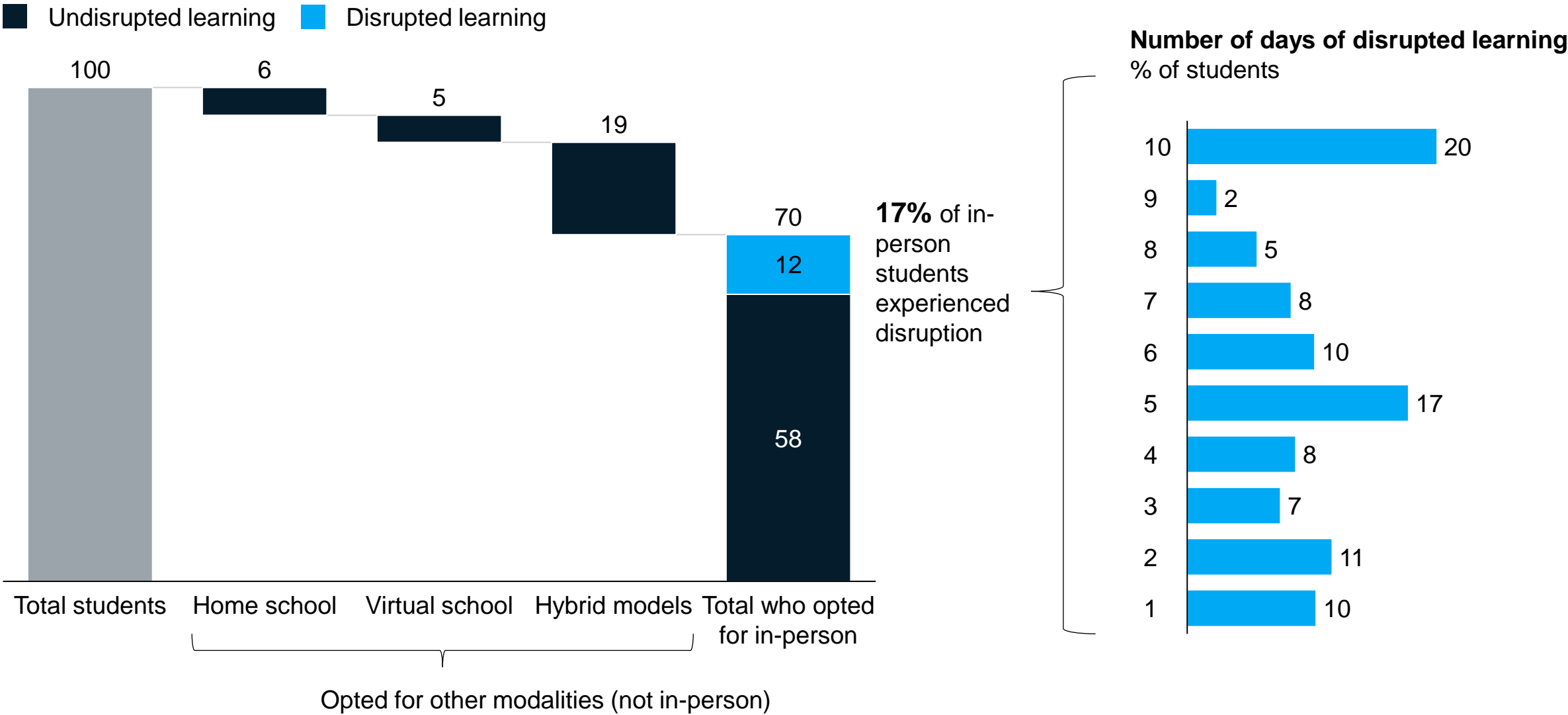
% of parents with children in grades K-12 indicating they are very or extremely concerned about their child's...



1. Values have been rounded to the nearest whole number

**How are ongoing
disruptions impacting
students?**

17% of students who opted for fully in-person learning were subjected to a disruption, with over half disrupted for 5 days or more



Source: McKinsey Parent Survey November 2021 (n = 14,498)

Parents of Black and Hispanic students were most likely to report disruptions to learning

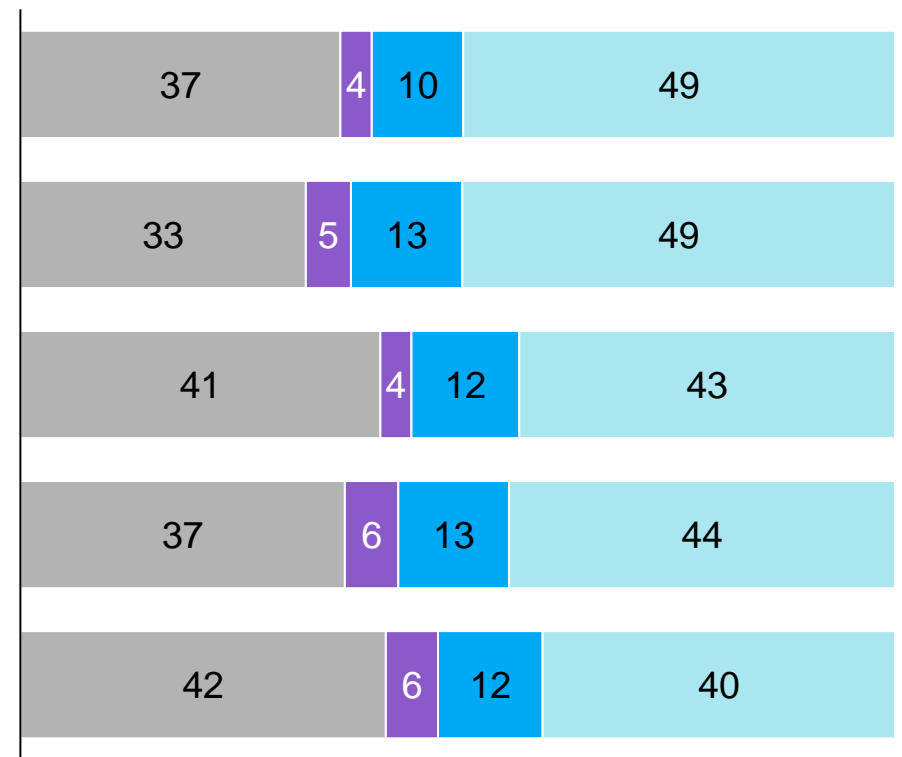
Disruptions to learning (non in-person days for those who opted for fully in-person learning) and reasons why

Of those who indicated preference for in-person instruction, % of parents who reported their child had at least 1 day of disrupted learning (i.e., not in-person)



■ Other ■ Student was quarantined
■ Student was sick ■ Campus closure due to COVID-19

Reason for learning disruption, % of total

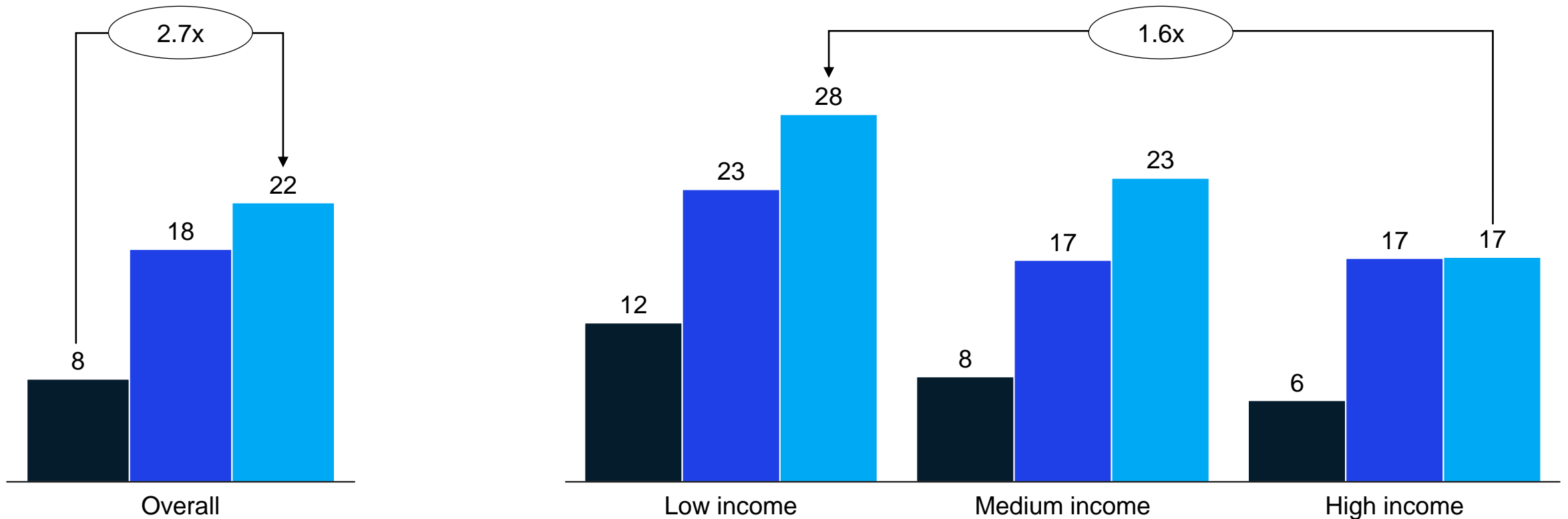


Parent reports of chronic absenteeism have increased by 2.7x since before the pandemic

% of parents with children in grades K-12 indicating their child could be chronically absent

- Pre-pandemic (% of parents reporting their student used to miss 15+ days in a full year)
- Spring 21 (% of parents reporting their student has missed 15+ days in 20-21 school year)
- Fall 21 (% of parents reporting their student has missed 4+ days in 21-22 school year so far)

Increase from pre-pandemic to Fall 21



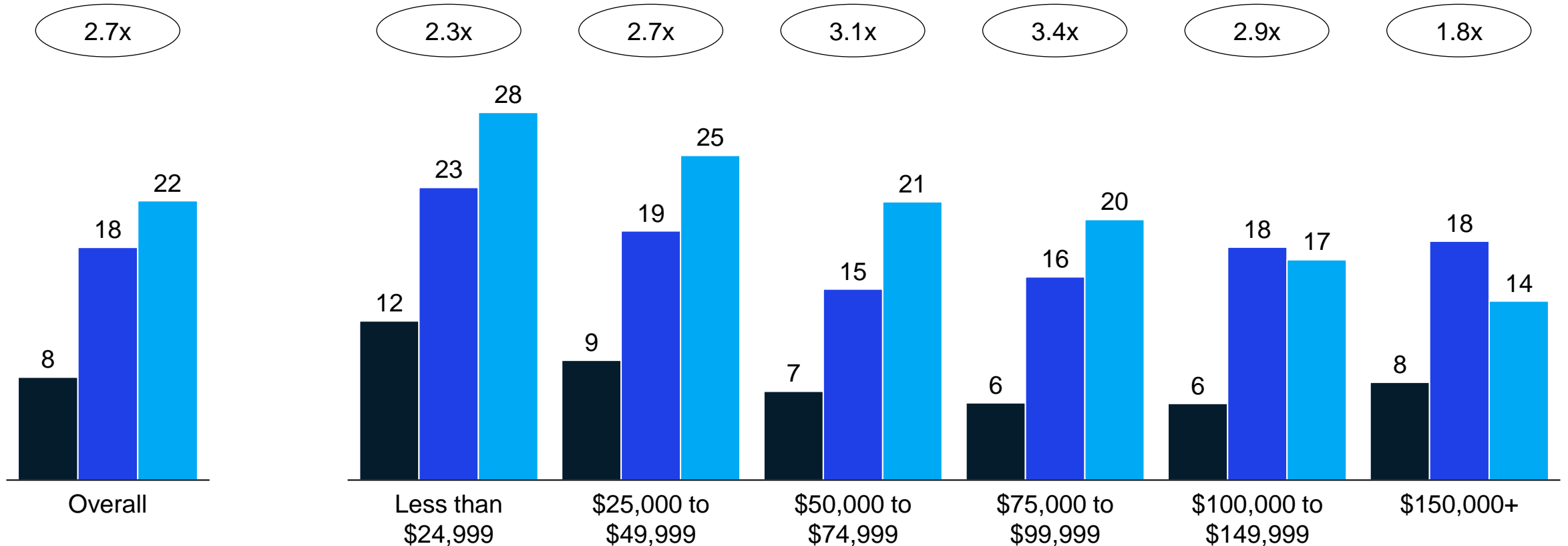
Attendance by income

% of parents with children in grades K-12 indicating their child could be chronically absent

- Pre-pandemic (% of parents reporting their student used to miss 15+ days in a full year)
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Increase from pre-pandemic to Fall 21

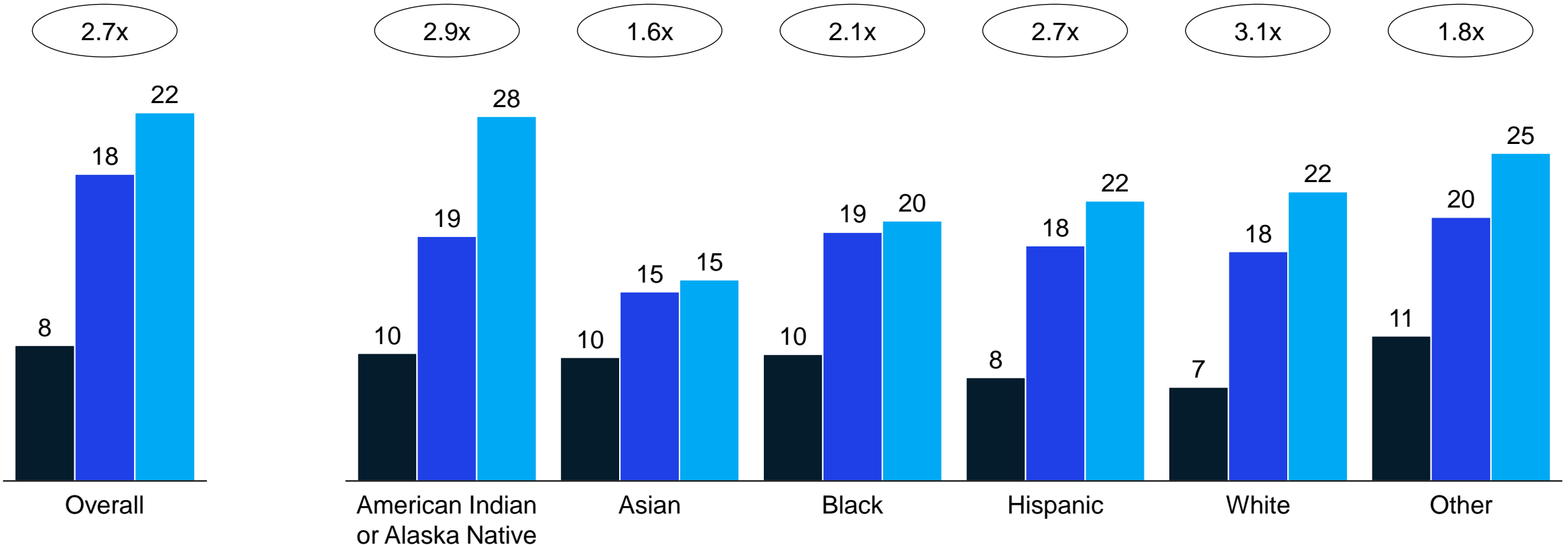
Preliminary draft – not for circulation



Attendance by ethnicity

% of parents with children in grades K-12 indicating their child could be chronically absent

- Pre-pandemic (% of parents reporting their student used to miss 15+ days in a full year)
 - Spring 21 (% of parents reporting their student has missed 15+ days in 20-21 school year)
 - Fall 21 (% of parents reporting their student has missed 4+ days in 21-22 school year so far)
- # Increase from pre-pandemic to Fall 21



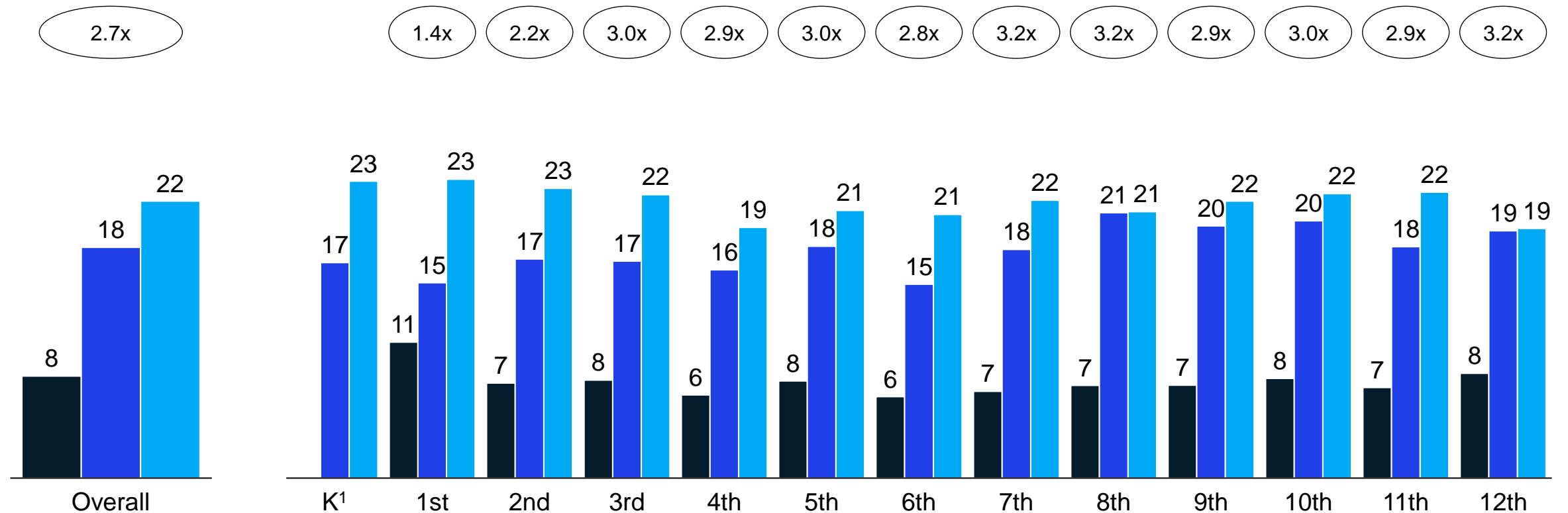
Source: McKinsey Parent Survey June 2021 (n = 16,370) and November 2021 (n = 14,498)

Attendance by grade

% of parents with children in grades K-12 indicating their child could be chronically absent

- Pre-pandemic (% of parents reporting their student used to miss 15+ days in a full year)
- Spring 21 (% of parents reporting their student has missed 15+ days in 20-21 school year)
- Fall 21 (% of parents reporting their student has missed 4+ days in 21-22 school year so far)

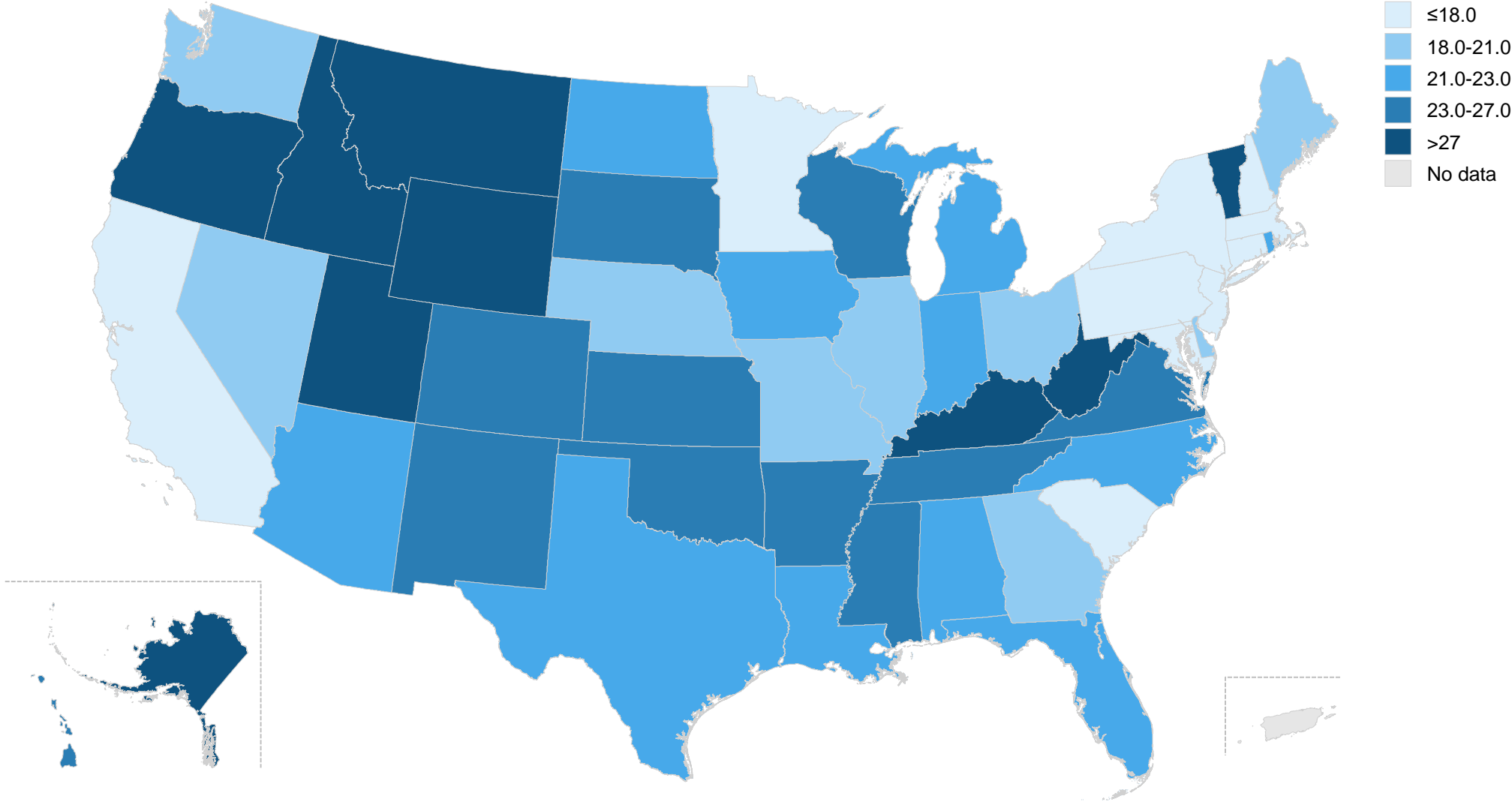
Increase from pre-pandemic to Fall 21



1. Pre-pandemic attendance for Kindergarten is omitted (increased responses of "My child did not attend school at all" may be attributable to lack of pre-K, not chronic absenteeism)

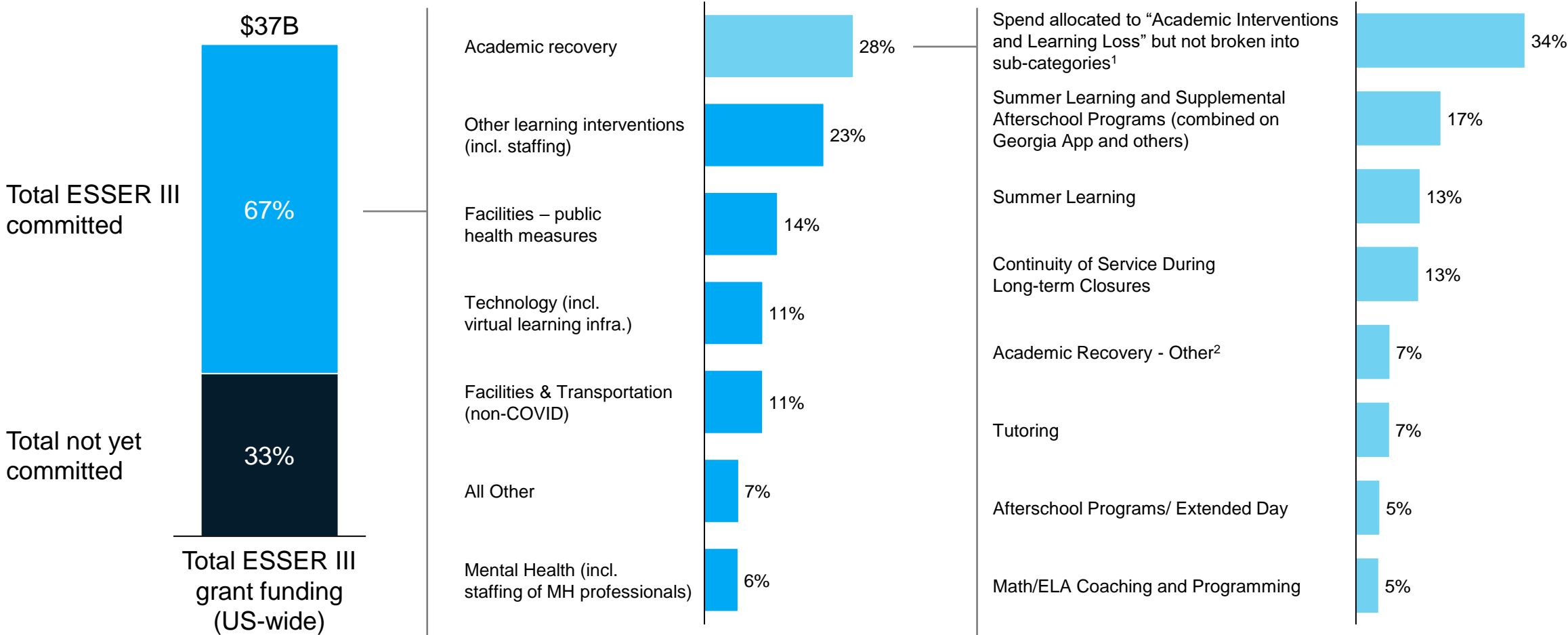
Fall 2021 attendance by State

% of parents with children in grades K-12 indicating their child could be chronically absent (4+ days missed to-date)



**What efforts are underway
to support student recovery?**

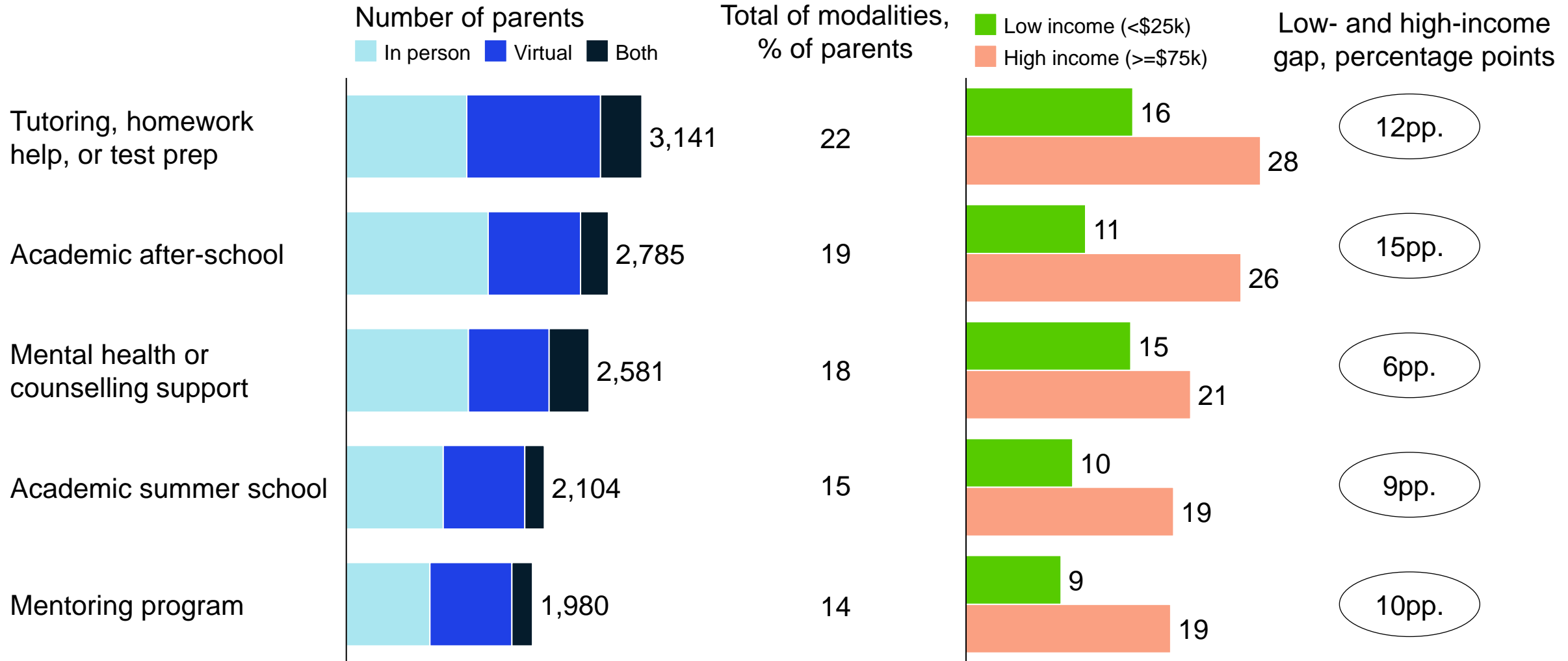
About 30% of already committed ESSER III funding is going towards Academic Recovery programs



1. Jurisdictions have committed funds to the overall category "Academic Interventions and Learning Loss: Minimum 20%" but not detailed how that spend will be broken down further
 2. Includes Academic Advising, Credit Recovery, Evidence-based Curriculum and Practices that Maximize Students' Social, Emotional and Academic Benefits, Extended School Year/ Weekend Learning, Interventionists, Reading, pre-k to 3rd grade, and Student Attendance/ Enrollment/Re-engaging Disconnected Youth

High income students are more likely to have received support to recover from the impact of the pandemic

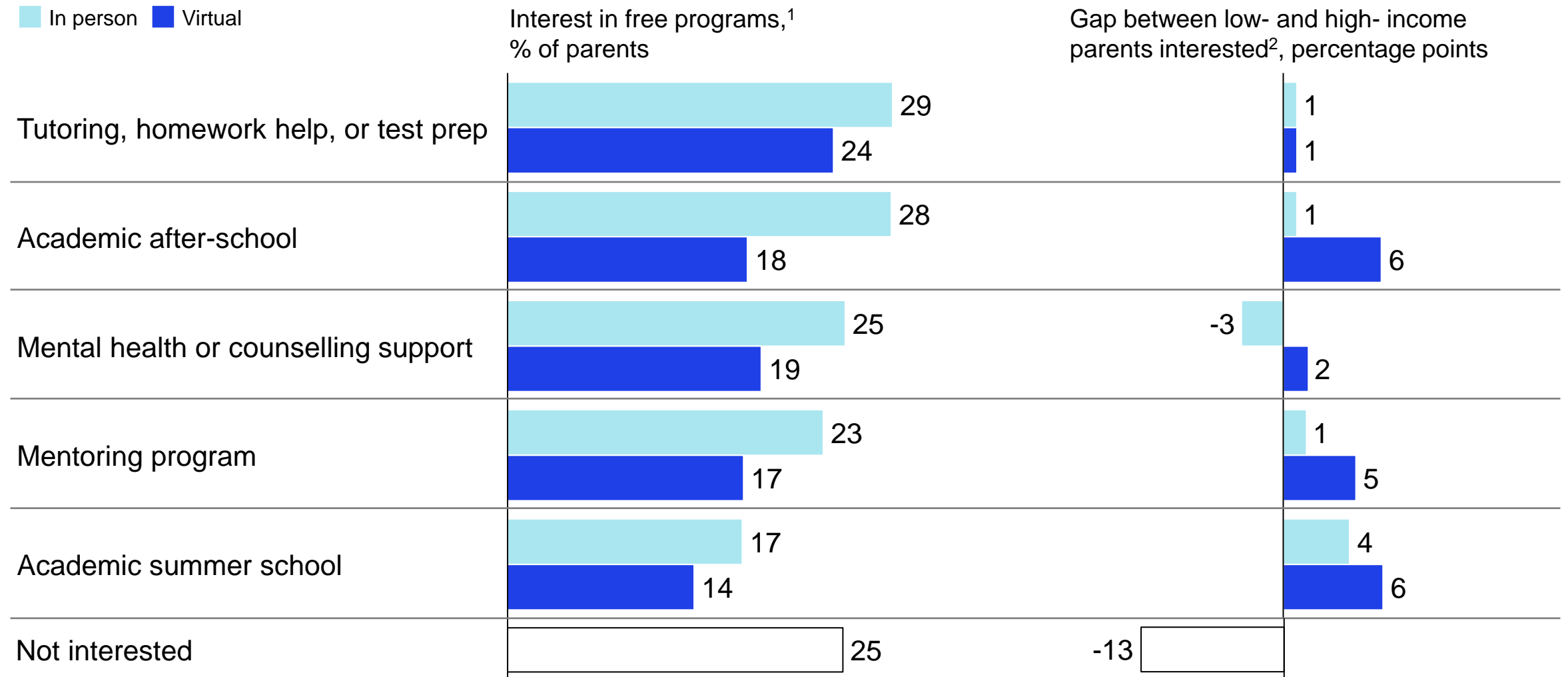
Parents indicating participation¹ since the end of the 2020-21 school year



1. Multi-select: parents may choose more than one option (thus totals will not equal 100%)

Parents are consistently more interested in free in-person programs compared to their virtual counterparts

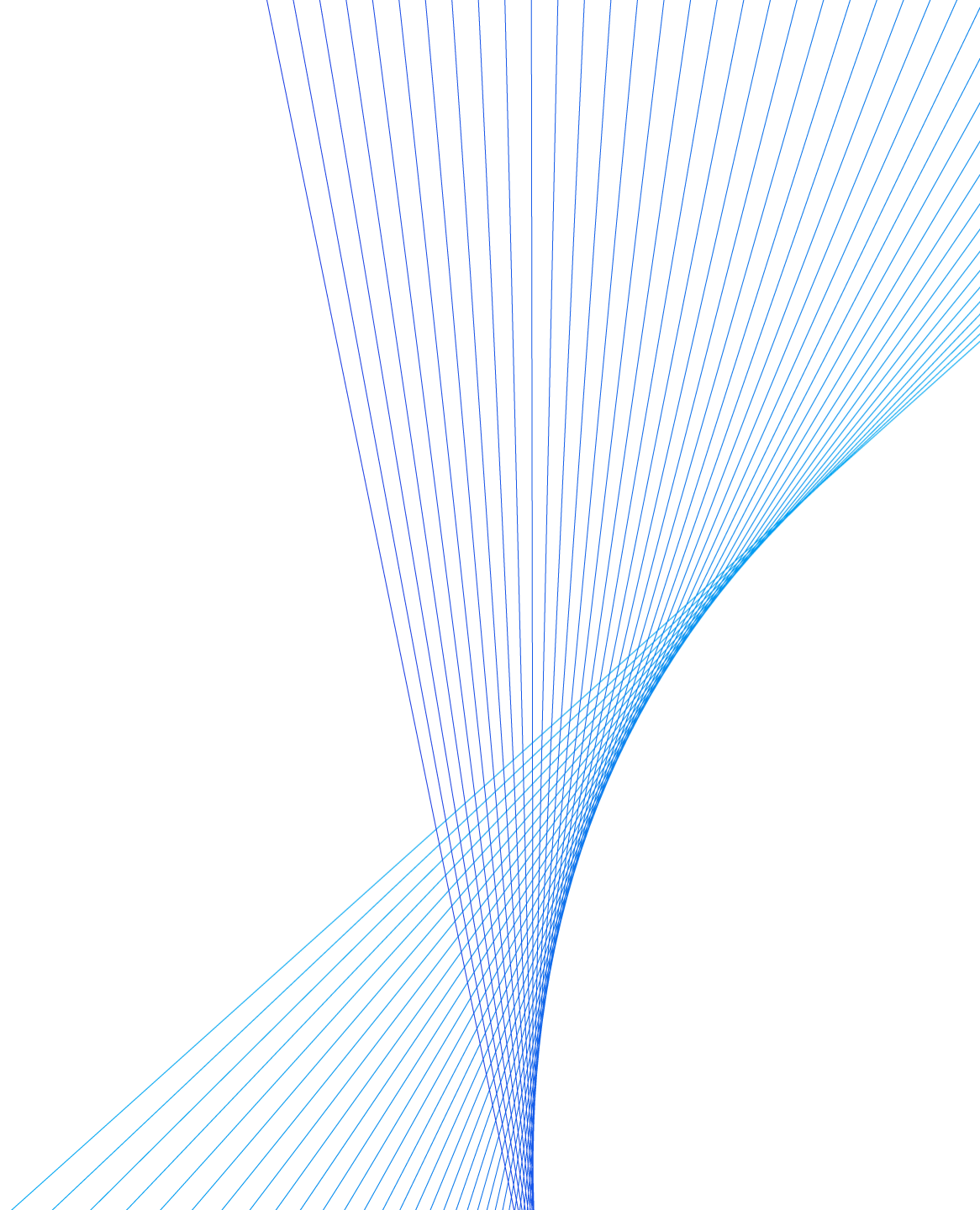
Parents with children in grades K-12



1. Multi-select: parents may choose more than one option (thus totals will not equal 100%);

2. Low income defined as <\$25k and high income defined as >=\$75k

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SUMMER Starts NOW! Seize the Days!



Summer is the time of greatest inequity for young people. When schools are closed, many low income young people lack access to meals, books and other learning resources, and physical activity.

NSLA's Mission and Vision



Ensure every child, regardless of background and zip code, learns and thrives every summer.

OUR WORK AIMS TO:

- **Improve the lives of America's most vulnerable students**
- **Combat summer learning loss**
- **Close the achievement and opportunity gaps which grow over the summer months**

NSLA Overview and Vision

- The National Summer Learning Association is the only national nonprofit exclusively focused on closing the achievement gap through high-quality summer learning experiences for all young people.
- Our vision is that **all young people have access to high-quality summer learning experiences to help them succeed in college, career, and life.**

Summer: A Unique and Underleveraged Time

Time for Improvement

Provide *both* students and staff opportunities to catch and keep up, develop and practice new skills.

Time for Innovation

Empower staff and others to test and try out, measure new ideas, solutions, strategies before scaling

Time for Integration

Break down silos in education and partner leaders and organizations in rare, new and lasting ways

Time for Impact

Hands-on learning in summer programs is immediate, measurable and lasting. Make change on a personal, community and policy level. This is a solvable challenge.



Broad Distinctions Between Summer School vs. Summer Learning

Summer School	Summer Learning
<ul style="list-style-type: none">• Remedial Education	<ul style="list-style-type: none">• Focuses on new and accelerated learning
<ul style="list-style-type: none">• Academic, Drill and Skill	<ul style="list-style-type: none">• Comprehensive, Project-based, hands-on
<ul style="list-style-type: none">• School building and district-based	<ul style="list-style-type: none">• Can take place in a variety of settings and locations
<ul style="list-style-type: none">• Disengaging and Punitive	<ul style="list-style-type: none">• Exciting, engaging and attractive program everyone wants to attend
<ul style="list-style-type: none">• Mandatory for some students	<ul style="list-style-type: none">• Voluntary and Open to all
<ul style="list-style-type: none">• Adult-driven	<ul style="list-style-type: none">• Strong emphasis on Student Voice, Choice, and Identity
<ul style="list-style-type: none">• Feels like traditional school	<ul style="list-style-type: none">• Unique Site Climate & Culture with Traditions/Rituals

American Rescue Plan - Education Provisions: \$30 Billion for Summer & Afterschool

- **\$122 billion for k-12 education through the Elementary and Secondary School Emergency Relief (ESSER) Fund**
 - **\$8.45B available from SEAs (would serve 9 million students, doubling current number)**
 - \$1.22B set-aside for summer enrichment
 - \$1.22B set-aside for afterschool programs
 - 5%, approximately, \$6.1B, for learning recovery (including summer + afterschool)
 - Providers can be direct grantees of these funds (more on that in next slides)
- **\$22 billion to LEAs for learning recovery strategies, including afterschool and summer enrichment**
- \$1 billion for Corporation for National and Community Service through AmeriCorps for AmeriCorps positions to help address learning recovery and other purposes

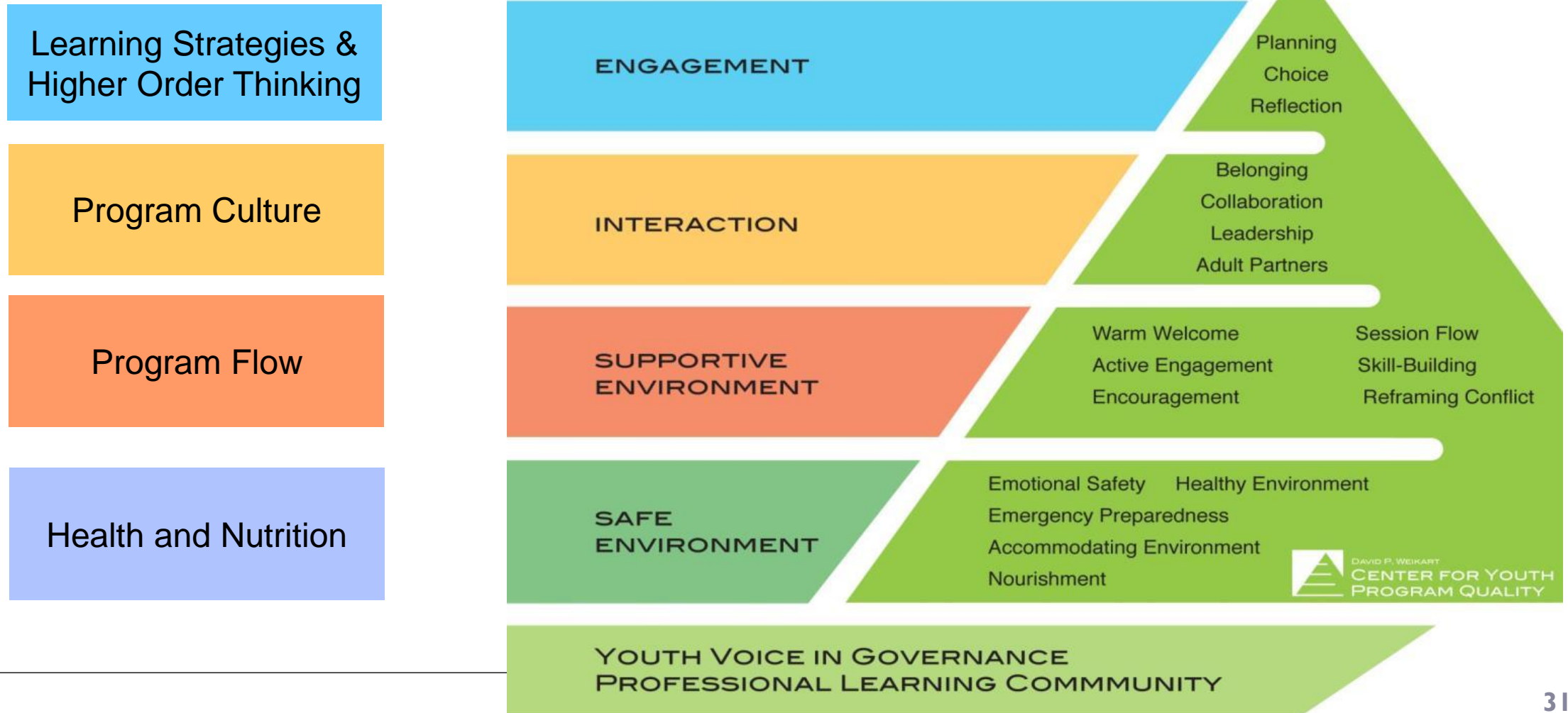
Quality Construct:



The SLPQA is designed to be:

- A standard method to objectively analyze the quality of the program from multiple perspectives.
- To collect information that can be prepared year over year.
- To help programs prioritize areas for continuous improvement.
- To improve capacity of a program's quality improvement efforts.
- Low-stakes assessment to highlight program strengths and identify opportunities for improvement

Weikart Center's Pyramid of Program Quality



Comprehensive Attendance Data Collection and Reporting





Office of Elementary and Secondary Education FAQ: Impact of COVID-19 on 2021-2022 Accountability Systems

May an SEA that uses chronic absenteeism as an SQSS indicator modify its definition of chronic absenteeism?

Yes, an SEA has the discretion to revise its definition and/or its methodology for calculating an indicator based on chronic absenteeism for one year through the COVID-19 State Plan Addendum. An SEA may want to revise its definition of attendance during the COVID-19 pandemic to differentiate between a student who is absent and receives no instruction versus a student who is quarantined but participating in instructional activities. For EDFacts purposes, if a student is quarantined and still participating in instruction for at least 50 percent of the school day, the student would not be counted as absent. An SEA may elect to modify its definition of attendance for an SQSS measure of chronic absenteeism so that the SQSS indicator best reflects the State's context.

What additional information might an SEA include on its State report card?

An SEA may include on its State report card any additional information it believes will best inform parents and families, students, and other members of the public about the progress of each elementary and secondary school. For example, as part of the waiver that SEAs received regarding the accountability, school identification, and related reporting requirements for the 2020-2021 school year, the SEA assured that it would make publicly available the following data elements, which could be included on State report cards:

- Chronic absenteeism data, either as defined in the State's School Quality or Student Success indicator

<https://oese.ed.gov/files/2021/12/DRAFT-Accountability-FAQ-12.15.pdf>

Attendance Works
2022 Survey of State Attendance Policy,
Practice and Data

Preliminary Results

Participating States as of February 8, 2022

California

Michigan

Colorado

Missouri

Connecticut

Nebraska

Delaware

New Jersey

District of Columbia

New Mexico

Hawaii

New York

Illinois

North Dakota

Indiana

Ohio

Iowa

Oregon

Kentucky

South Carolina

Maine

South Dakota

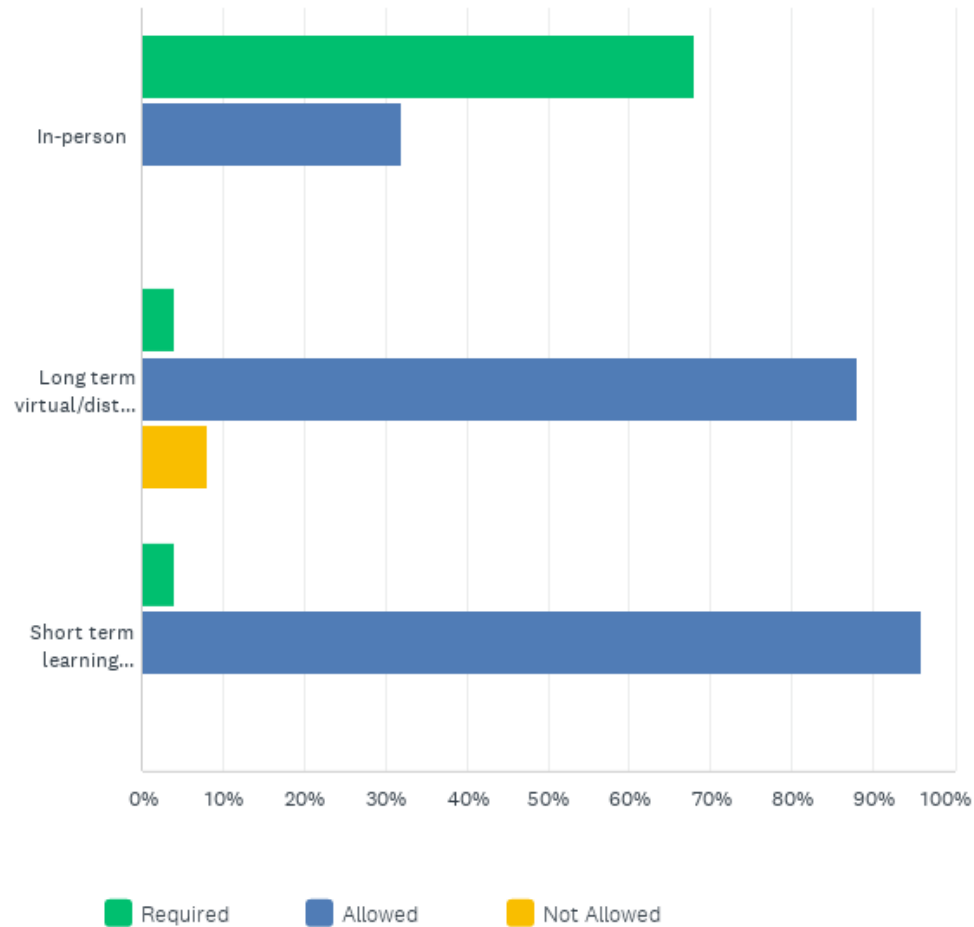
Maryland

Wyoming

Massachusetts

Attendance Policy Scan 2021-2022

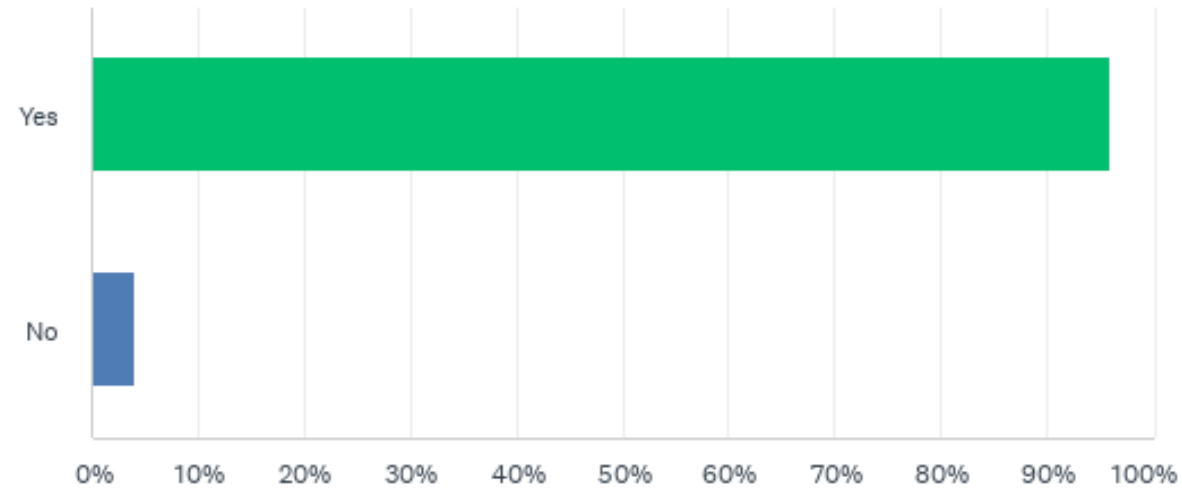
Q5 What learning modes does your state currently require districts to offer?



N=25

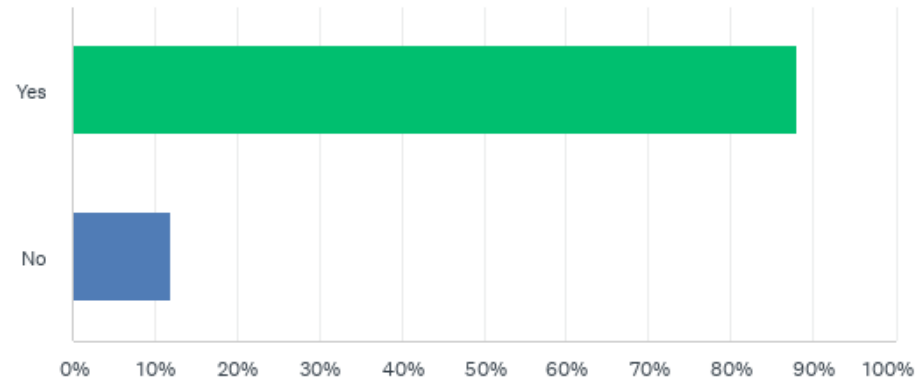
Attendance Policy Scan 2021-2022

Q7 Does your state require taking daily attendance for in-person learning?



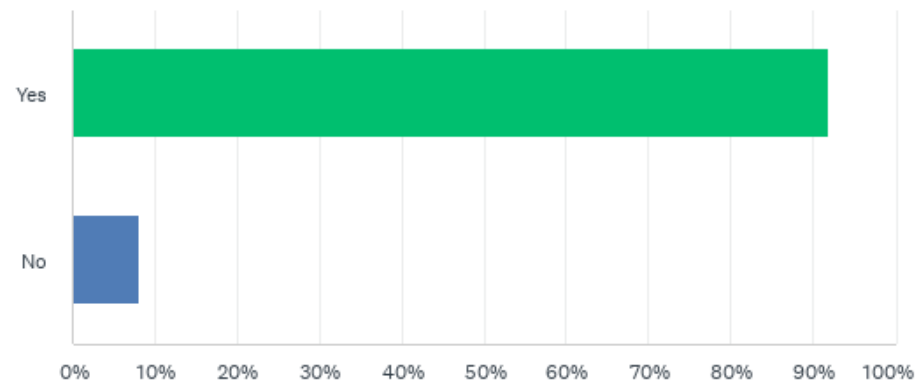
Attendance Policy Scan 2021-2022

Q8 Does your state require taking daily attendance for long term virtual or distance learning?



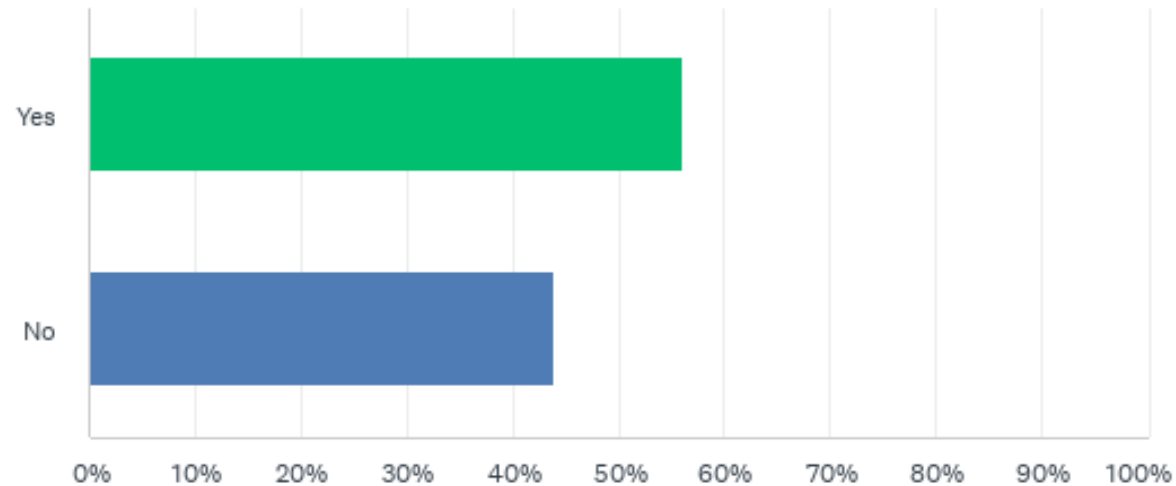
Q9 Does your state require taking daily attendance for short term virtual or distance learning during quarantine?

N=25



Attendance Policy Scan 2021-2022

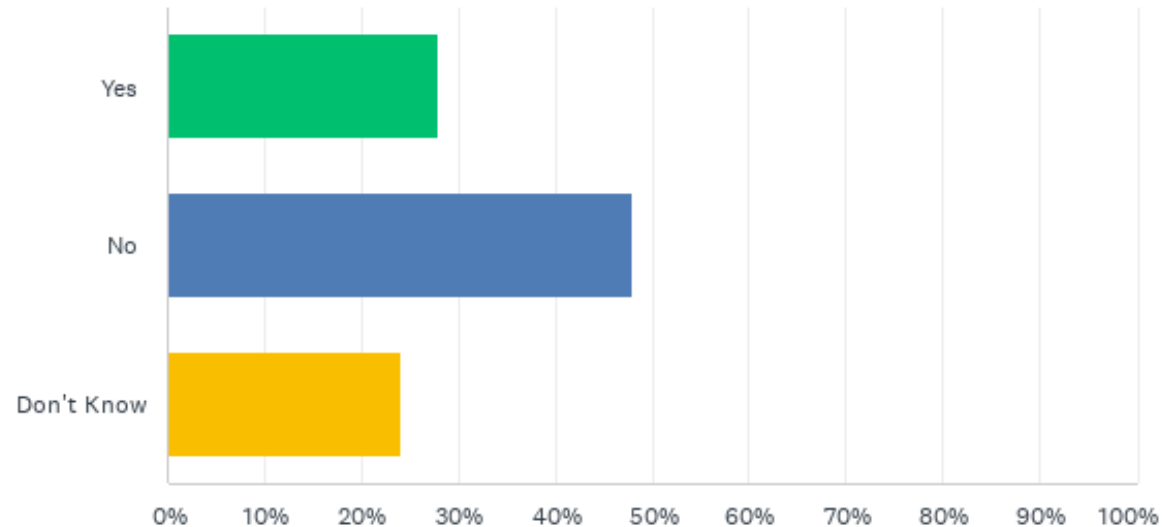
Q10 Does your state require districts to submit attendance coded by learning mode?



N=25

Attendance Policy Scan 2021-2022

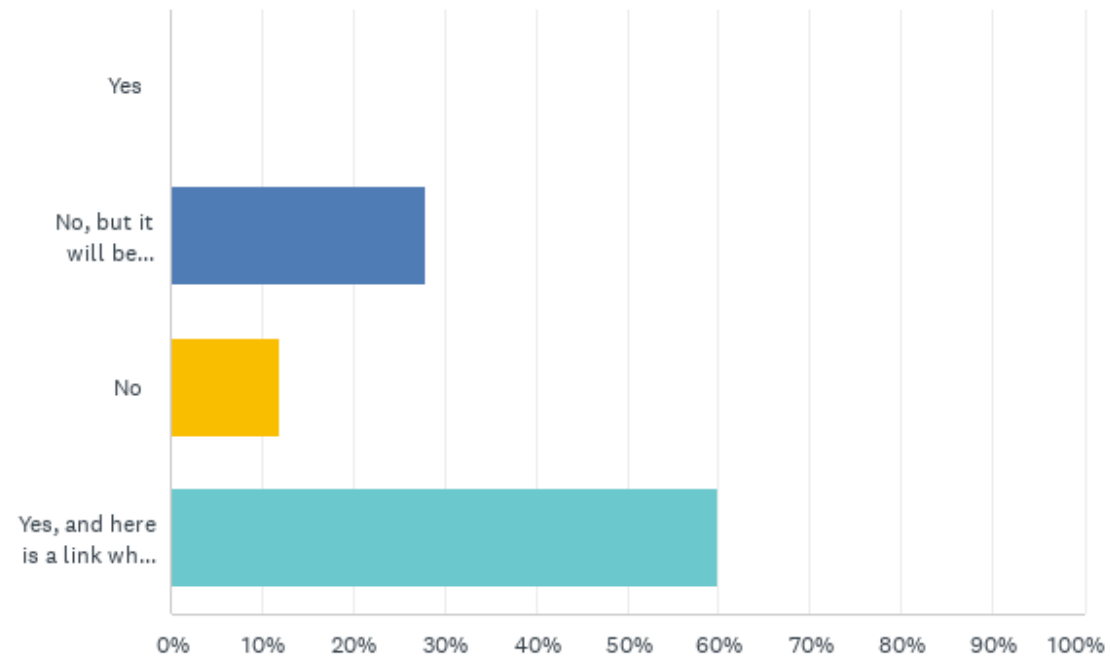
Q17 Is your state collecting data from districts about the number of absences due to Covid-19 quarantine or exposure?



N=25

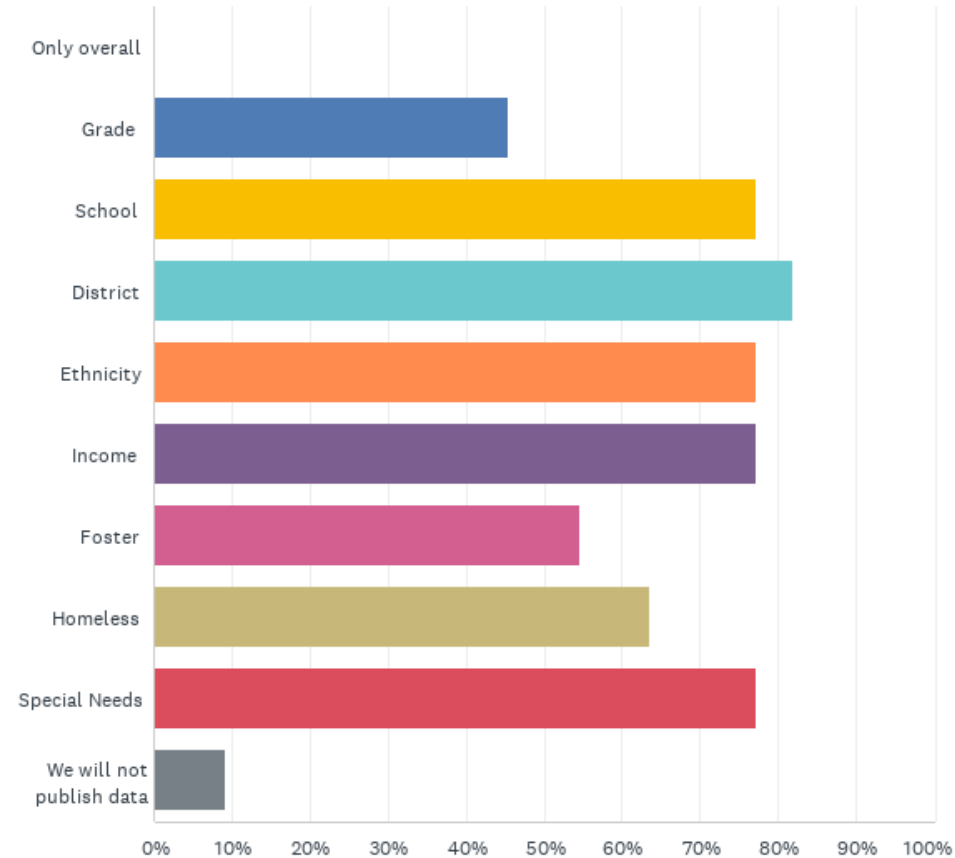
Attendance Policy Scan 2021-2022

Q14 Has your state published chronic absence data on its website for the 2020-2021 school year?



Attendance Policy Scan 2021-2022

Q15 If chronic absence data has or will soon be published on your website, is it disaggregated? Please check all that apply:



N=23

www.attendanceworks.org

Variations of Attendance Definitions in Virtual Settings*

- Measuring attendance is left to local discretion
- Attendance is counted through course completion or participation requirements
- Students are marked "in attendance" if they attend at least a half day
- Students are marked "in attendance" if they complete at least 2 daily attendance checks

**most respondents reported the same definition of attendance for long term and short term virtual settings*



Attendance Awareness Campaign 2022

Moving Forward in a Pandemic



©Attendance Works

Attendance Awareness Campaign: *Key Strategies*

- I. **A strategic messaging and awareness-building campaign** that includes the designation of September as Attendance Awareness Month as the launch of year-long attendance campaigns
- II. **Community-level action and engagement**, especially in conjunction with Attendance Awareness Month; and
- III. **National and local-level public events**, to occur all year with an emphasis on the month of September, that garner media attention and raise public awareness

AND THIS WILL BE OUR 10th ANNUAL CAMPAIGN!!



Key Resources

- ✓ **Download and share our key messages and free social media materials**
- ✓ **Promote the Attendance Awareness Campaign Webinars**
- ✓ **Proclaim September Attendance Awareness Month building off our sample proclamation**
- ✓ **Join our listserv**

PROMOTE THE CAMPAIGN



Sign up for updates:

www.awareness.attendanceworks.org



2022 Theme

Stay Connected, Keep Learning!



2022 AAC Webinars

Day of Week: All Wednesdays

Time: 12:00pm – 1:30pm PT / 3:00pm - 4:30 pm ET

- **Session 1 (April 6):** Prioritizing Connection, Relationships and Well-Being (Proposed Focus)
- **Session 2 (May 25):** Leveraging Summer Programming (Proposed Focus)
- **Session 3 (August 3):** (TBD)
- **Session 4 (September 28)** (TBD)



Collaborating Partner Role

The 90+ collaborating partner organizations, including state agencies, help expand participation to an even broader array of stakeholders.

Collaborating partners agree to:

1. Disseminate updates and materials
2. Generate excitement about attendance
3. Share success stories
4. Nurture media coverage

See the current partners here:

<https://awareness.attendanceworks.org/partners-2/>

Interested in becoming a Collaborating Partner?

Contact:

Catherine Cooney

Director of Communications

Catherine@attendanceworks.org

Attendance Works Updated Resources





Winter Weather Messaging

Promoting Good Attendance
All Winter Long



Resources to help parents and community members develop strategies to overcome weather-related barriers. Download:

- Parent flyer
- Sample letter to send home
- Sample robocall
- Ideas and tips for action for schools and community leaders

Find the toolkit: www.attendanceworks.org/resources/messaging/stay-the-course-a-winter-messaging-toolkit/



Additional Resources from Attendance Works

Handouts for Families

- ✓ Preschool
- ✓ Elementary
- ✓ Secondary Grades

<https://www.attendanceworks.org/resources/handouts-for-families/>

Keep Your Child On Track in Middle and High School: Pay Attention to Attendance

Showing up for school has a huge impact on a student's academic success. Even as children grow older and making sure students get to school every day and understand why school is important is crucial.

Help Your Child Succeed in School: Build the Habit of Good Attendance Early

DID YOU KNOW?

- Starting in preschool and kindergarten, too many absences can cause children to fall behind in school.
- Missing 10%, or about 2 days each month over the course of a school year, can make it harder to learn to read.
- Students can still fall behind if they miss just one or two days every few weeks.
- Being late to school may lead to poor attendance.
- Absences and tardiness can affect the whole classroom if the teacher has to slow down learning to help children catch up.

Attending school regularly helps children feel better about school—and themselves. Start building this habit in preschool so they learn right away that going to school on time, every day is important. Eventually good attendance will be a skill that will help them succeed in high school and college.

WHAT YOU CAN DO

- Set a regular bedtime and morning routine.
- Lay out clothes and pack backpacks the night before.
- Find out what day school starts and make sure your child has the required shots.
- Introduce your children to their teachers and classmates before school starts.
- Develop backup plans for getting to school if something comes up. Call on a family member, a neighbor, or another parent.
- Avoid medical appointments and extended trips when school is in session.
- Keep in mind that complaints of a stomach ache or headache can be a sign of anxiety and not a reason to stay home. If your child seems anxious about going to school, talk to teachers, school counselors and other parents for advice on how to make your child feel comfortable and excited about learning.
- If your child must stay home due to illness, ask the teacher for resources and ideas to continue learning at home.

When Do Absences Become a Problem?

	CHRONIC ABSENCE 18 or more days
	WARNING SIGNS 10 to 17 days
	SATISFACTORY 9 or fewer absences

Note: These numbers assume a 180-day school year.

Visit Attendance Works at www.attendanceworks.org for free downloadable resources and tools!

Help Your Child Succeed in Preschool: Build the Habit of Good Attendance

DID YOU KNOW...

Showing up on time every day is important to your child's success. Missing 10% of school (one or two days every few weeks) can have a big impact on your child's learning.

- Gain early reading and math skills.
- Build relationships.
- Develop good attendance habits.

High quality preschool and kindergarten has many benefits. The routines your child develops will continue through the school years.

- Make the most of early grades by encouraging your child to attend school every day.

WHAT YOU CAN DO

Work with your child and his/her teacher to develop your child's strong attendance.

Talk about it – sing about it – make it an adventure!

- Set a regular bedtime and morning routine.
- Lay out clothes and pack backpacks the night before.
- Share ideas with other parents for getting to school on time.

Before the school year starts

- Find out what day school starts and begin a countdown.
- Make sure your child has the required shots.
- Attend orientation with your child to meet teachers and staff and find out about health and safety procedures.

Ready, Set, GO!

- Ask family members or neighbors for assistance if you need help with dropping off or picking up your child.
- Try to schedule medical appointments and extended trips when preschool is not in session.
- If your child seems anxious about going to preschool, talk to the program director, teacher, your doctor or other parents for advice. Make sure the program is a good fit for your child.

Visit Attendance Works at www.attendanceworks.org for free downloadable resources and tools!

Work With Students and Families to Create a Success Plan

MY FAMILY'S HELP BANK

CREATE BACKUP PLANS FOR GETTING TO SCHOOL

- 1. My Family:** List who lives in your house.
- 2. Everyday Helpers:** Identify who you can call on to help drop your child off, or who can pick your child up when you cannot. These are people like friends, neighbors and relatives who can help regularly.
- 3. Occasional Helpers:** Identify people who probably cannot help every day, but can help in a pinch. Maybe it's a godparent, a relative or a friend who lives outside your neighborhood but can be there for short stints.
- 4. Potential Helpers:** Identify people who are part of your school community, church or neighborhood who are able to help—if you ask.

1. My Family:

2. Everyday Helpers:

3. Occasional Helpers:

4. Potential Helpers:

If I need help getting my child to and from school, I will ask the following people to be our back-up:

Name: _____ Best Contact Number: _____

Name: _____ Best Contact Number: _____

Name: _____ Best Contact Number: _____

- ✓ Set attendance goals
- ✓ Make backup plans
- ✓ Track absences
- ✓ Recognize success!

2017-2018 ACADEMIC CALENDAR

August 2017							September 2017						
Sun	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

October 2017							November 2017						
Sun	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

December 2017							January 2018						
Sun	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

MY CHILD'S ATTENDANCE SUCCESS PLAN

POSSIBLE STRATEGIES TO ACHIEVE CHILD'S ATTENDANCE GOALS

- I will make sure my child has something to eat every day so they can focus in school and achieve their goals.
- I will keep my child's clothes clean and dry. Consider using the attached calendar.
- At the end of the week, I will recognize my child for attending school every day by _____ (e.g. a visit to the park, a new book, a treat from a family member, etc.).
- I will make sure my child is not _____ and the class check is set for _____.
- I will find a relative, friend or neighbor who can take my child to or from school if I can't. I can be reached at _____.

<http://www.attendanceworks.org/resources/student-attendance-success-plans/>

Professional Development E-Learning Series

from Attendance Works



- ✓ 3-part online training series for educators
- ✓ Can be adapted for state specific series
- ✓ Learn proven, evidence-based tiered strategies to engage students and promote attendance
- ✓ Interact with peers and the AW team
- ✓ School administrators are encouraged to attend with their teams
- ✓ Cost: \$300 per person. Eligible for Title I, Title 2A, and Covid relief funds.

Learn more and register here:

<https://www.attendanceworks.org/technical-assistance/e-learning-series-for-educators/>

**To purchase an E-Learning series for your state contact:
Cecelia Leong, Vice President at Cecelia@attendanceworks.org**



NASAPP Evaluation

Please tell us how we're doing!

https://app.upmetrics.com/data_collector/cklwj8q7lw9w707306xnps5v

Thank you!
www.attendanceworks.org

Summer Learning Appendix

SLPQA Supplemental Scales

- Math
- Literacy

- Greeting
- Transitions (AM and PM)
- Departure

LEARNING STRATEGIES | Youth are supported developing learning initiative and persistence.

NOTE: Score based on activity sessions (i.e., don't include snack time, informal recreation time, transitions).

ITEMS		SUPPORTING EVIDENCE/ANECDOTES
<p>1. 1 When youth make errors or need to make improvements, staff does not have youth attempt to figure out for themselves how to correct or improve.</p>	<p>3 When youth make errors or need to make improvements, staff has youth attempt to figure out how to improve or correct, but does not guide or support the youth in responding (e.g., staff jumps in with correct answer before youth has time to respond; when youth doesn't know how to improve, staff does not rephrase question or give a hint).</p>	<p>5 When youth make errors or need to make improvements, staff guides or supports youth in attempting to figure out for themselves how to correct the error, or how to improve (e.g., "So, what could you do differently?" "So what did you forget to do in that subtraction problem?" "Next time, what could you do to keep yourself focused?").</p>
<p>2. 1 Staff does not discuss strategies/process.</p>	<p>3 Staff has the youth identify a learning strategy once or twice, OR staff identifies strategies, but does not have youth identify a strategy (e.g., "I noticed that you used context clues to figure out the word." "Try breaking the word into syllables").</p>	<p>5 Staff has youth identify learning strategy three or more times (preferably when youth is right <i>and</i> when youth is wrong). (Staff: "What strategy did you use to figure out that word?" Youth: "I figured it out from the rest of the sentence.")</p>
<p>3. 1 Staff only attributes success or failure to factors outside youth's control (e.g. innate ability, fate, luck, the mistakes of others. "Some people just aren't good at math." "It was the teacher's fault for giving such a hard test.").</p>	<p>3 Staff attributes success or failure to factors both within and outside their control <u>or</u> makes no attributions about youth's control over success or failure.</p>	<p>5 Staff attributes success to effort, strategy, attention, practice or persistence (e.g., "Your brain is like a muscle, the more you exercise it, the better it works", "It may take some extra practice, but you'll get better at it." "I see your effort paid off." "You can do this!--just try a different strategy this time.")</p>

MATH | Youth are supported in mathematical problem solving.

NOTE: Score based on activity sessions (i.e., don't include snack time, informal recreation time, transitions).

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ITEMS		SUPPORTING EVIDENCE/ANECDOTES
1. 1 No youth participate in mathematical problem solving.	3 Some youth participate in mathematical problem solving (e.g. "How many tables do we need to set up if each table seats four?").	5 All youth participate in mathematical problem solving (e.g., Youth explore given information and plan a solution; "I've got to figure out how much supplies to distribute so everyone has an equal amount." "I can determine the price based on the weight."). <input type="checkbox"/>
2. 1 Youth are not given opportunities to solve mathematical problems.	3 Youth are given an opportunity to solve mathematical problems or apply mathematical knowledge and skills in only one context or setting.	5 Youth are given opportunities to solve mathematical problems or apply mathematical knowledge and skills in two or more contexts or settings (e.g., Youth are asked to measure the length of a string using a ruler during an experiment; Youth look for patterns in fabric during an art exploration; Youth use a formula to calculate their weight on another planet.) <input type="checkbox"/>
3. 1 Youth do not develop or evaluate mathematical arguments.	3 Once, youth develop or evaluate mathematical arguments using reasoning.	5 More than once, youth develop or evaluate mathematical arguments using reasoning (e.g., "The reason I would go down Elm street rather than Monroe is because it is a straight line, and therefore a shorter distance." "I realized I must have an error with the decimal point because the amount seemed too small at the end."). <input type="checkbox"/>