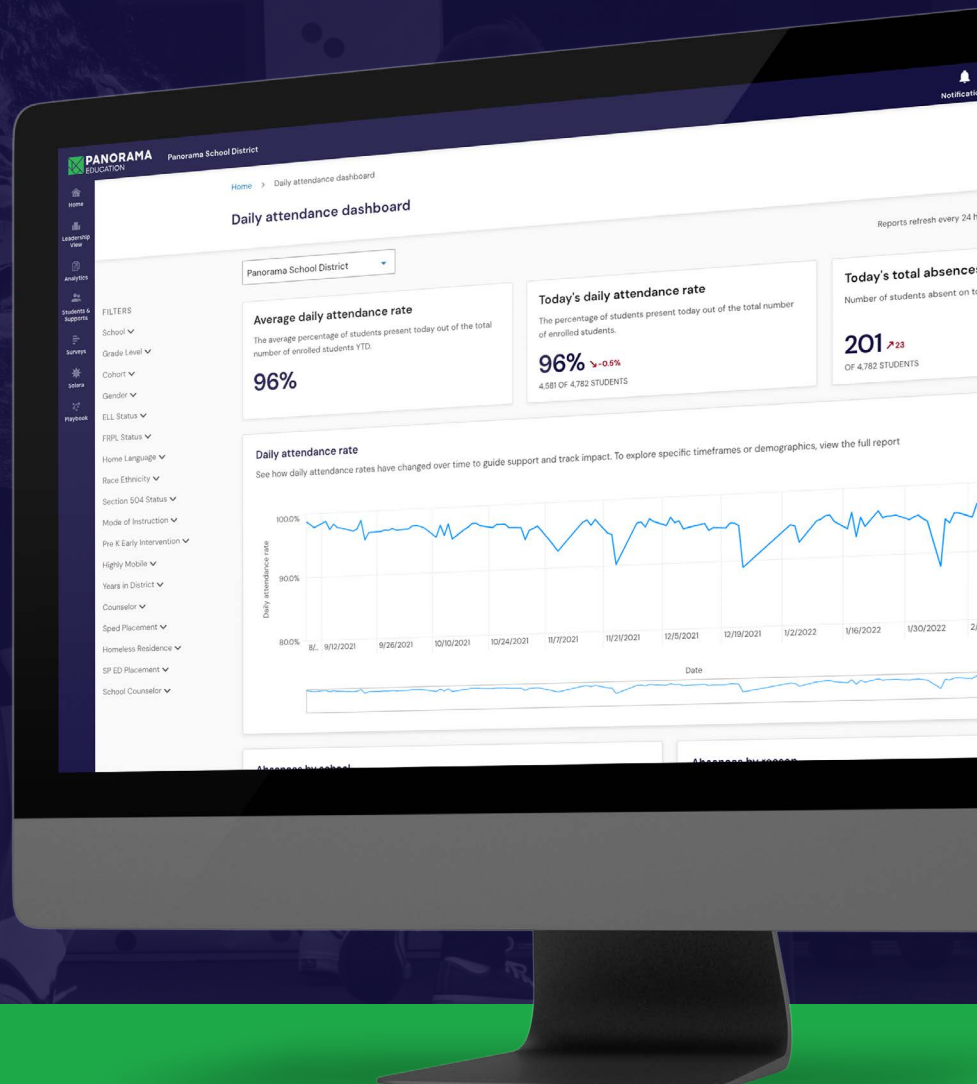




PANORAMA STUDENT SUCCESS

Improving Student Attendance With Data Analytics and AI



The Challenge

16 million. This is the number of students who are chronically absent in the United States. In fact, annual chronic absenteeism rates—[reflected in Panorama’s own data](#)—nearly doubled from 2018-19 to 2023-24.

Chronic absenteeism has been shown to correlate with negative outcomes for students. [The Brookings Institution](#) compiled evidence showing:

- In Baltimore City Public Schools, 6th grade chronic absenteeism was the strongest predictor of not graduating high school.
- Chronic absenteeism in kindergarten is associated with lower reading and math achievement in later grades.

While the need to improve attendance is clear, the path to improvement is not always clear. There are many strategies for getting students to attend school regularly—from improved transportation to communication with families. But without data to understand trends and monitor student attendance, educators cannot effectively employ these strategies. It can also be difficult to aggregate, interpret, and take action on attendance data at the student, school, and district levels.

[Fostering a positive school climate and culture](#) are also key factors in addressing chronic absenteeism. But without data to understand trends and monitor student attendance, educators cannot effectively employ these strategies. It can also be difficult to aggregate, interpret, and take action on attendance data at the student, school, and district levels.



Students who are chronically absent are more likely to face:

- ↗ Increased risk of not graduating high school
- ✓ Lower academic achievement
- ✓ Poorer life skills

The Role of Data in Improving Attendance

There are many ways to define, measure, and analyze data about students’ attendance. For example, average daily attendance represents the overall percentage of students that are present in school. Chronic absenteeism rates capture the percentage of students that have missed a more extreme number of days. These metrics can offer very different insights for school leaders. According to research from Attendance Works, an organization that promotes better attendance through policy and data, a school with 200 students can have 95 percent average attendance and still have one in every four students be chronically absent.

That's why school leaders today are using [MTSS](#) and data analytics powered by AI to monitor and improve student attendance. When working to improve attendance, you need strategic insights that answer questions like:

- Which students have been chronically absent this year?
- Which students have missed several days in a row and are at risk of falling behind?
- Which students are receiving or still need to receive attendance interventions?
- How do our average daily attendance patterns vary across student groups?
- Are we on track to hit our school or district's goal for attendance this year?

Panorama Student Success: Strategic Insights into Attendance

[Panorama Student Success](#), the market-leading K-12 platform for helping districts translate insights into effective student supports, provides educators with a complete view of students' progress across attendance, academics, behavior, and life skills. With interactive attendance reports and dashboards that refresh daily, Panorama offers clear indicators that district leaders and educators can use to take data-informed actions and provide appropriate support to address chronic absenteeism. Student Success pairs with our chronic absenteeism survey in [Panorama Surveys and Engagement](#), along with AI-powered attendance tools in [Panorama Solara](#), to deliver

a comprehensive attendance solution.

Key Features:

1. District-level Chronic Absenteeism Dashboard

Teachers, interventionists, counselors, and administrators can easily view district or school-level trends for the percentage of students that are “on track” and “at risk” of attendance issues. By refreshing your data on a daily basis, Panorama Student Success provides a near real-time view into a school's attendance patterns.

The Chronic Absenteeism Dashboard enables district and school leaders to monitor attendance trends, evaluate progress, and develop strategic plans to address chronic absenteeism within their districts and schools.

2. Create intervention plans for students who are chronically absent

Educators can use a “Chronic absenteeism intervention gaps” report to understand district level chronic absenteeism using the district level view or identify chronically absent students using the student level view. Panorama Student Success analyzes each student's attendance. It identifies students who have missed 10% or more days of the current school year, and shows whether those students have an attendance intervention plan or not. This view allows educators to take action to create an intervention plan right from the report.



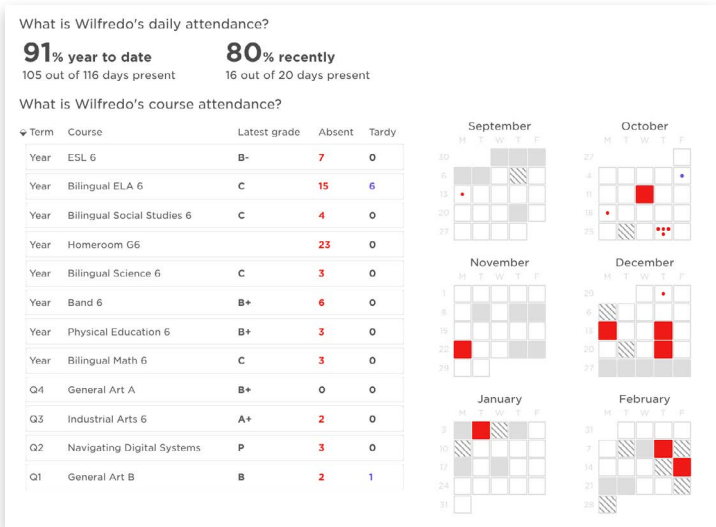
3. Discover students who have recently been absent to enable early intervention

Use Panorama Student Success’ “Recently Absent Students” report to find students who have missed three or more of the last 10 school days. Use this report to identify early signs of potential chronic absenteeism, and to check on students who are missing school to understand why and how to best support the student’s education.

Student	Grade	Attendance rate YTD	Days missed YTD	In progress attendance plans	Completed attendance plans	Actions
Abby Bertovich	12	76	28	0	0	Actions
Abraham Brodtmann	12	88	14	0	0	Actions
Adolfo Cavallaro	7	89	13	1	1	Actions
Akilah Ennels	10	85	17	0	0	Actions
Alexis Sundholm	4	89	13	0	0	Actions
Alice Flores	12	82	21	0	0	Actions
Alice Kemp	11	71	34	0	0	Actions

4. Dive deeper with daily and course section attendance charts

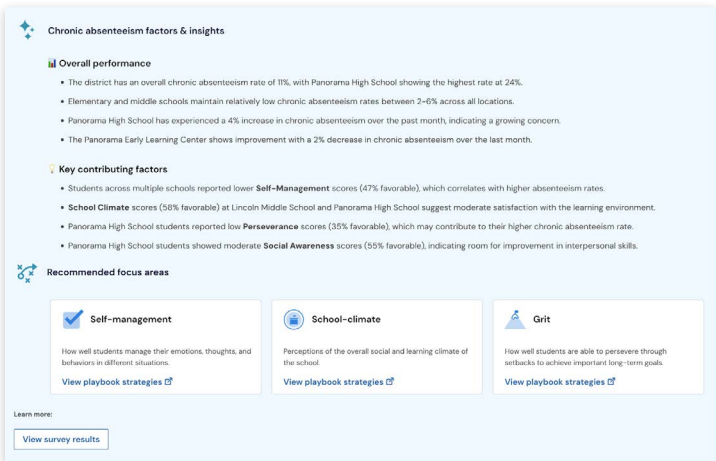
Understand a student’s attendance patterns with calendars that show full-day absences, absences from specific courses, or tardies. See which classes a student misses most frequently—and their grades in those courses—to take action before they fall behind.



5. Understand the “why” behind absences

Get a wider picture on how each student’s attendance patterns compare to their progress in academics, behavior, and life-skills. Quickly see each student’s early warning indicators across multiple measures to better understand why a student is facing challenges with attendance, and make data-informed decisions to tailor the support a student needs.

Chronic Absenteeism Insights, powered by Panorama AI and our in-house research across millions of students, connects attendance and survey data to uncover what’s driving absenteeism in your district. It then recommends focus areas and Playbook strategies to help you address root causes and reduce absenteeism.



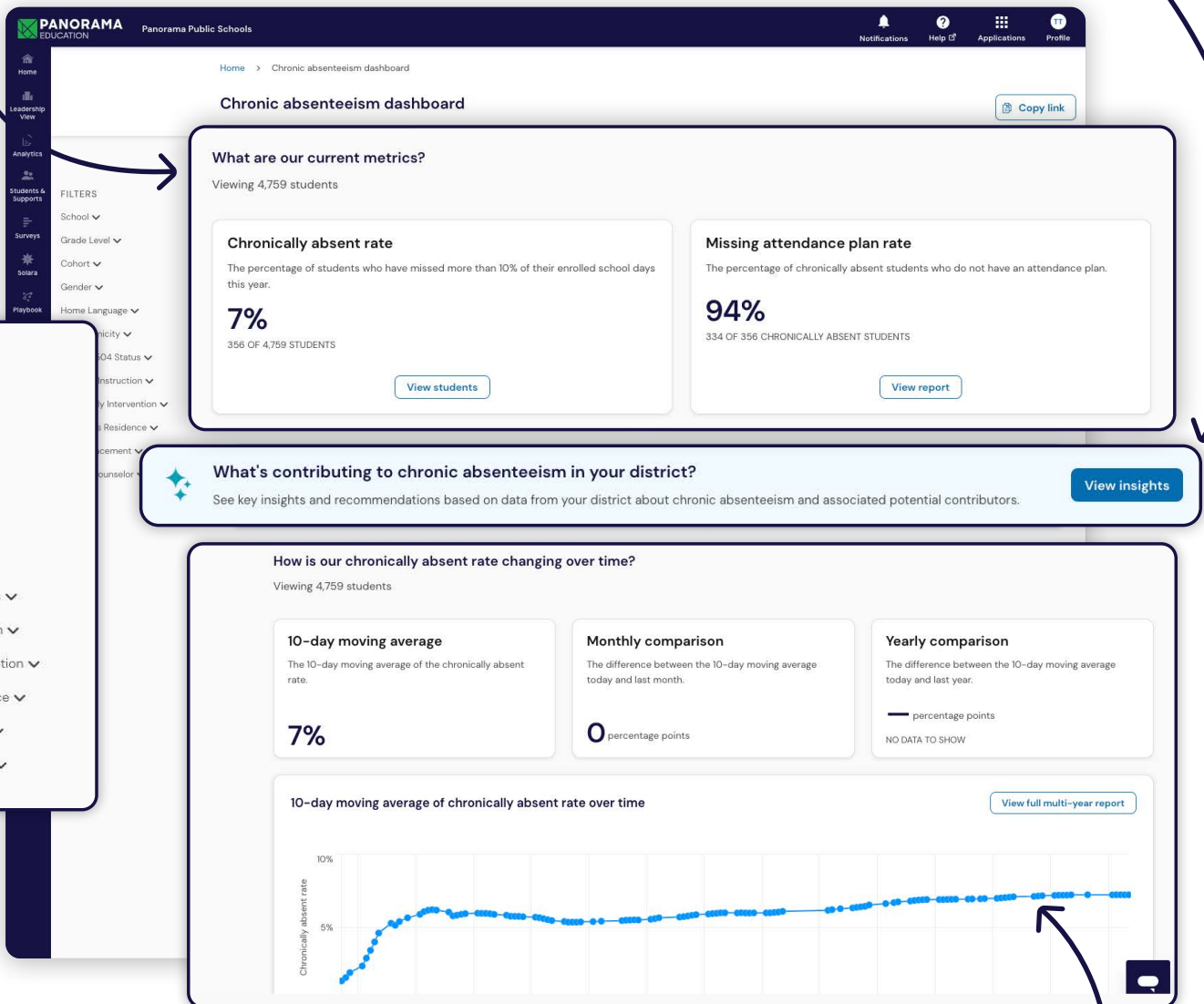
Chronic Absenteeism Dashboard

TRACK ATTENDANCE KPIS

Get a high-level view of chronic absenteeism across the district. Dive into reports for detailed insights on individual schools or students, and create actionable plans.

IDENTIFY FOCUS AREAS WITH AI

Connect your attendance and survey data to uncover what's driving absenteeism in your district or school.



IDENTIFY DISPARITIES IN ATTENDANCE

Identify trends by comparing performance data across schools, grade levels, race/ethnicity, and more.

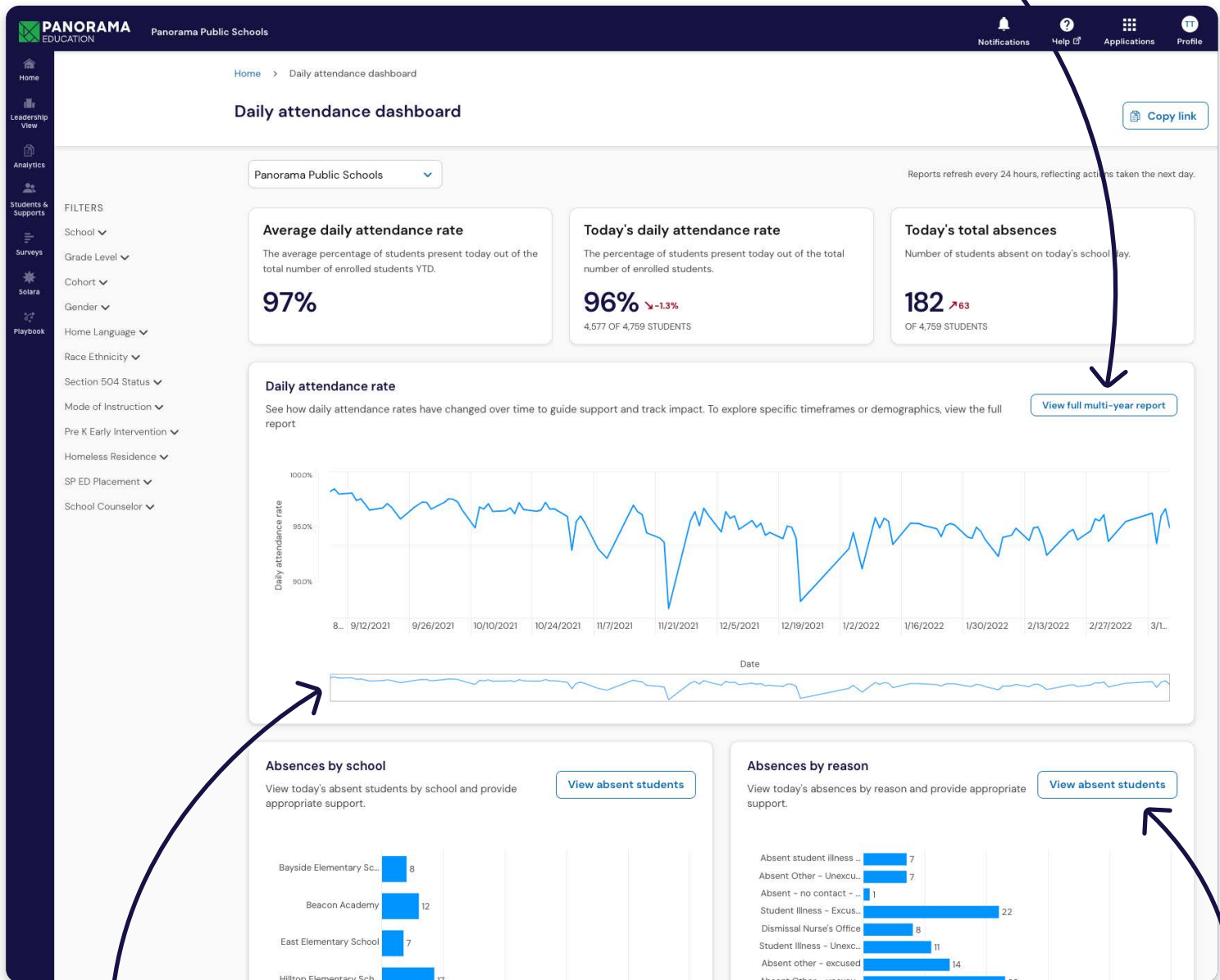
EVALUATE PROGRESS OVER TIME

View longitudinal data to evaluate how your district or individual schools are performing on attendance based on your strategic objectives.

Daily Attendance Dashboard

SEE MULTI-YEAR TRENDS

Click through to see year-over-year trends by district or school.



SELECT A TIME RANGE

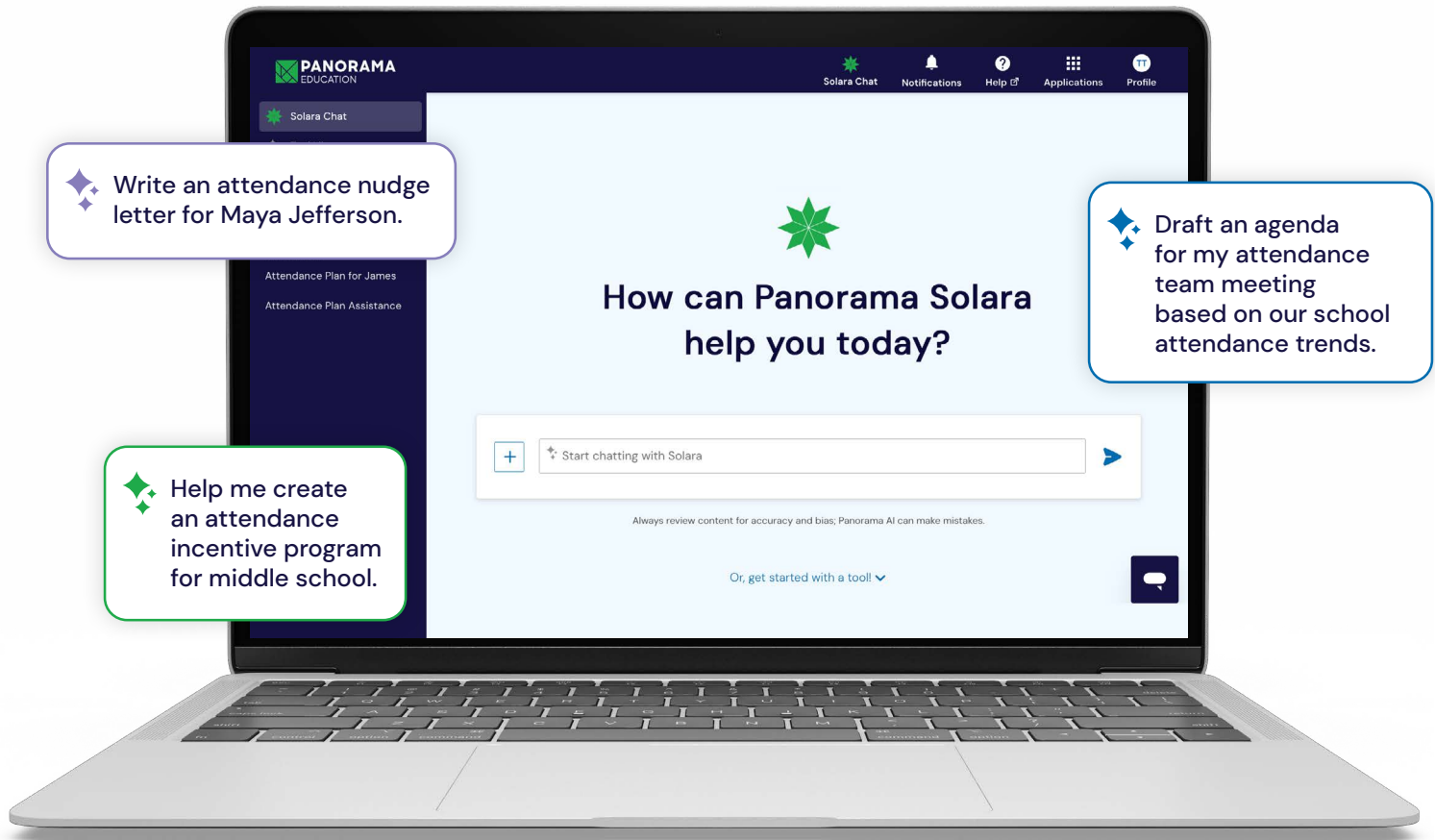
Drag and drop a time range to view attendance patterns for each week, month, semester, year-to-date, or a custom time range.

UNDERSTAND ABSENCE TRENDS

Focus your resources where they'll have the biggest impact.

Give Your MTSS a **Power-Up** with AI

Panorama Solara delivers safe, effective AI to improve student outcomes. Educators can generate classroom and student-level resources in seconds, including family letters and intervention plans aligned to district standards.



“Solara is a game changer. We have district-created resources that Solara can ingest, allowing us to use it for intervention planning, instructional tools, and program development in a way that’s actually specific to [our district’s] context. We’re using a secure AI system with our data to inform our planning.”

– Sarah Jay, Executive Director of Equitable MTSS, Boston Public Schools (MA)



Learn more about improving attendance with Panorama

Panorama Education is a leading education technology company that partners with K-12 schools and districts to help students succeed in the classroom and beyond. Founded in 2012, Panorama is the partner of choice for districts that want to implement AI safely and securely, elevate academic performance, improve attendance and behavior, and prepare students for graduation and life after school. Panorama's secure, research-backed software for AI, student support, and community voice and engagement provides educators with a unified view and actionable insights across academics, attendance, behavior, and well-being. Through professional development and hands-on support, Panorama helps districts achieve their goals and deliver lasting impact. Today, Panorama supports 15 million students in 25,000 schools and 2,000 districts nationwide. Learn more at www.panoramaed.com.



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[Schedule A Demo](#)