

BrightBytes Early Warning System



Identify At-Risk Students as Early as First Grade with 90% Accuracy

The Brightbytes Early Warning module, developed in partnership with Mazin Education,[™] uses predictive analytics to identify at-risk students on a continuum of risk based on each organization's actual data.

Timely, Individualized Risk Prediction and Prevention

Decrease risk factors and increase student outcomes with next generation predictive analytics. Change the trajectory of students' lives by identifying students at risk of dropping out based on a dynamic combination of each district's historical data and data from the SIS.

- Increase graduation rates by identifying students earlier and with greater accuracy
- Compare side-by-side regional graduation rates and trends to determine where support is needed most
- Identify and increase protective factors necessary to a positive learning environment
- Intervene early with the information necessary to change student trajectories
- Track student risk behavior data to ensure equity in access to support resources
- Empower staff to identify and connect students with the right programs and support
- Identify at-risk students early and intervene with necessary support
- Deliver timely, insightful information to drive collaboration and support instructional decisions

The Early Warning Framework

The Early Warning framework consists of four domains supported by 24 Success Indicators that are associated with the risk factors within each organization's model.



BEHAVIORS

Monitor major and minor behavioral incidents, including referrals and expulsions

DEMOGRAPHICS

Review student profiles of age, 504 status, mobility, gender, and more

ACADEMICS

Analyze GPA, assessment scores, pass rate, and course requirements

ATTENDANCE

Access tardies, attendance in the first 30 days, and attendance overall