



## Improving Academic Achievement Through Predictive Analysis

iTAAP by Expatriate Communications harnesses the power of artificial intelligence for real time projections and action plans to better student performance in SELPAs, districts and charter schools.

Innovative **predictive analysis** delivers timely forecasts based on current strategies and highlights opportunities to improve scores for students and schools.

### Key Highlights

- ✓ Actionable insights at student level for current and future academic performance
- ✓ Guidance for district and school administrators, SELPA staff and teachers
- ✓ Opportunities for intervention and corrective measures affecting performance
- ✓ Monthly assessments for projections and fiscal monitoring
- ✓ Enhances student performance and diminish unfavorable outcomes
- ✓ Data imported from district / charter school systems
- ✓ Meets and exceeds accountability requirements

### iTAAP Benefits



#### SCHOOL GOVERNANCE

School boards and charter school directors can improve declining enrollment by providing constituents with anticipatory data regarding student performance in all areas, as well as program improvement across the dashboard color system. Governing boards can now make proactive decisions based on data.



#### ADMINISTRATION

iTAAP guides informed decisions regarding program effectiveness, cost benefits, and the effective use of resources directed to individual schools or student groups.

iTAAP predictive data offers program monitoring with identification of site-specific interventions to improve outcomes in all indicators, as well as the effectiveness of academic programs. Proactive measures can be used to improve school climate, parent engagement and a broad range of measurable indicators.



#### SCHOOL-BASED STAFF

School specific data analysis through iTAAP provides continuous data for immediate corrective interventions across the indicators and student groups. For the first time, LEAS and schools can see demonstrable improvement as a direct result of their targeted interventions.

# Key Indicators



## CHRONIC ABSENTEEISM

Current and projected chronic absenteeism rate for the district and how individual schools perform and contribute to the overall district overall performance.



## SUSPENSION RATE

iTAAP shows average suspension rate for the LEA for previous years and projects a rate for the current school year for district and each school. iTAAP indicates the color the LEA will have on the California School Dashboard.



## ENGLISH LEARNER PROGRESS

This indicator is based on two years of English Language Proficiency Assessments for California Summative Assessment results. iTAAP shows the percentage of EL students and students in English Level from 1 to 4.



## GRADUATION RATE

iTAAP reports the graduation rate by school and transforms it into the state dashboard color depending on the percent of currently enrolled students that will graduate.



## ACADEMIC PERFORMANCE

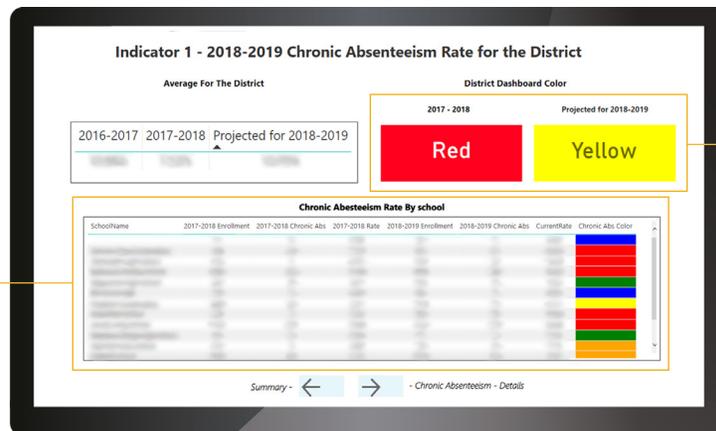
iTAAP loads and analyzes state assessment data, then forecasts the appropriate color scheme for the district, school and grade. This information will be available several months before the state publishes official results.



## COLLEGE / CAREER READINESS

Using AP, IB, A-G Completion, CTE Pathway Completion, and other measures, iTAAP projects a color for the district and each school. The dashboard color projection is updated as test results are released.

# Data-Driven Predictive Analysis



Data is tracked and forecasted at the school level

Year-over-year performance can be improved with iTAAP insights

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