



BUFFALO PUBLIC SCHOOLS

Office of Shared Accountability

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Determining Indicators of Your Success

Introduction

When you create a logic model, you describe goals for improvement over time in a general way. When compared to a school improvement plan, your short-term and intermediate goals correspond to process checks, while your long-term goal is your three-year goal.

It is always best to consider what data is easily available to you before you finalize your logic model or turn your desired outcomes or goals into SMART goals. To do this, you need to know what indicators are feasible to monitor your success, and common ways success is measured with these indicators.

Indicators and Data Sources

There are many sources of data and many ways to measure improvement. Some key distinctions are:

- An *indicator* is a data element, such as suspension rates or End of Grade test scores.
- The *data source* reflects the location of the data and how you can access it. The data source sometimes varies for schools and for central program staff.
- For any given indicator, multiple *measurement options* may exist. A measure of your success reflects exactly how you will examine your improvement on your chosen indicator. For example, you may select EOG achievement as your *indicator* and an increase in proficiency from one year to the next as your *measure*. If you select a measure that is easily available to you in standard reports, it will take much less time than if you have to collect the data and calculate your figures yourself. The table below provides some examples of indicators and measures for achievement and behavior outcomes.

Access to data varies by data source. Generally, data is shared on a “need to know” basis. Individual students’ data must be protected. Some general guidelines are that:

Dashboard: School principals are given a password. They can share data on a need to know basis.

Infinite Campus: School principals and staff have access.

NYSED Public Data website: All can access for school district, school, and state results.

BPS School Report Card: Accessible by all on the web.

Table 1 Examples of Indicator and Measurement Options

Indicator/ Measurement Options	Measurement Options	Data Source by School	Data Source by Program
<p>End of Grade (EOG)</p> <p>End of Course (EOC)</p>	<p>Proficiency—percent meeting grade level/EOC standards</p> <p>Options: Absolute % desired Improvement over time</p>	<p>Infinite Campus</p> <p>WNYRIC Data Warehouse</p> <p>NYSED L2RPT Accountability website</p> <p>Dashboard</p> <p>BPS School Report Card Charts displayed are Excel documents and can be copied and pasted onto a spreadsheet for future manipulation of the data</p> <p>School Review Reports/School Reports/Value Added</p>	<p>Add a column in Student Lists to mark program participants</p> <p>Then use pivot tables, sorts, and filters to determine proficiency and growth</p> <p>If you need a file that crosses many schools, contact OSA</p> <p>BPS Report Card for BPS District or individual school</p> <p>School Review Reports</p> <p>Infinite Campus Reports for data by school</p>
<p>EOG scores - Longitudinal by student</p>	<p>Measures individual student’s growth over time in Reading and Math</p>	<p>Infinite Campus</p> <p>WNYRIC Data Warehouse</p> <p>NYSED L2RPT Accountability website</p> <p>Dashboard</p> <p>School records/Report Cards</p>	<p>Student Roster</p> <p>BPS Report Card for BPS District or individual school</p> <p>School Review Reports</p> <p>Infinite Campus Reports data by school</p>
<p>EOG Scores by school/homeroom</p>	<p>Proficiency—percent meeting grade level/EOC standards</p> <p>Options: Absolute % desired Improvement over time</p>	<p>Infinite Campus/Dashboard – Goal Summary and Frequency Reports</p> <p>IC– updated as a student moves into a new school</p> <p>Dashboard</p>	<p>Student Roster</p> <p>Request report from OSA</p> <p>Dashboard</p>

School Academic Preparedness	Breakdown of percentage of students in the school by likelihood of passing a future EOG or EOC	NYSED Data Warehouse/L2RPT Reports/Other Reports	Infinite Campus Reports/Other Reports
NYSED APPR ratings by teacher or school	Academic change Percentage of students reaching targets for growth from one year to the next Average growth for a group of students	L2RPT Data.nysed.gov NYSED Public Data Site	NYSED Public Data Site and/or L2RPT
Common Assessments	Percentage of items correct Percentage of students reaching mastery over time, or absolute level	Common Assessments website (results for past years can be found in edVantage Dashboard)	Summarize from Common Assessments reports, or add to Student Lists electronically or by hand if multiple measures are needed
Pass rates in K-8	Percentage of students reaching mastery in a particular class/grade/school	Infinite Campus Student Roster which will show if a student failed the same grade the previous year. Sort or filter to find these students.	IC Student Roster Student Roster which will show if a student failed the same grade the previous year. Sort or filter to find these students.
Other K-8 measures-such as Universal Screening	% proficient meeting district benchmarks	Student Rosters	Adapt Student Rosters in IC to mark students served and then use pivot tables, sorts, and filters to determine proficiency and growth
Common Benchmark Assessments for Reading and Math	Universal Screening Benchmarks Analyze data Progress monitoring Graphs Do not include Running Records Longitudinal student data available	eDoctrina website – can be completed on a computer with Internet access Reports can be run by: Individual student, Student subgroups, Class, Grade Level School, District	District reports are available eDoctrina Website - Adapt Student Lists to mark students served and then use pivot tables, sorts, and filters to determine proficiency and growth

mCLASS	<p>Universal Screening Intervention suggestions Charts and graphs</p> <p>Longitudinal student summaries</p>		<p>District reports are available</p> <p>mCLASS Website - Adapt Student Rosters to mark students served and then use pivot tables, sorts, and filters to determine proficiency and growth</p>
DIBELS	<p>Universal Screening as an <i>indicator</i> of a student's progress toward the long-term phonemic awareness benchmarks</p> <p>K-6 monitoring</p>		Per suggestions above
Quarterly grades	<p>% proficient with A, B, and C range scores in elementary;</p> <p>% proficient with A, B, C, and D range scores in middle/high school</p>	<p>Elementary Report Cards</p> <p>Secondary</p>	OSA Quarterly Report - schools
NYSITELL/NYSE SLAT	Look at student's overall composite or individual scores to determine growth for English Language Learners proficiency in comprehension and communication	Student Roster – sort or filter ESL students and then look at individual areas for growth	Student Roster – sort or filter through scores then look at individual areas for growth
Attendance	<p>BPS Monthly Reports - Displays the ADA for the current school year and the previous school year for the for the same time period</p> <p>Also displays data for specific subgroups</p>	<p>edVantage/IC– filter and sort for specific subgroups</p> <p>BPS Monthly Reports/Attendance/View Reports</p>	edVantage/IC – filter and sort for specific subgroups
Suspensions By School	<p>Short-Term Long Term Expulsion</p>	<p>BPS Monthly Reports</p> <p>BPS Monthly Reports</p>	BPS Website

By Student	Total number of days		
Discipline referrals	% of students, incidents by student over time	Infinite Campus	Obtain from IC
Pass rates on EOC Tests	Percentage of students reaching mastery Increase in higher scale scores	Infinite Campus WNYRIC Data Warehouse NYSED L2RPT Accountability website Dashboard School records/Report Cards	
Pass rates in EOC courses	% of students failing grade courses % of students passing courses	Infinite Campus Dashboard	
Dropout rates	Key Performance Indicator	Infinite Campus WNYRIC Data Warehouse NYSED L2RPT Accountability website School records/Report Cards	Data.nysed.gov also has a link to the BPS Dropout Report comparing the system to the state, other major systems in NYS, and by ethnicity, and other NCLB Subgroups
Graduation Rates	Key Performance Indicator	Infinite Campus WNYRIC Data Warehouse NYSED L2RPT Accountability website School records/Report Cards	Cohort Graduation Rate is also shown by school in the BPS Report Card Data.nysed.gov also has a link to the BPS Dropout Report comparing the system to the state, other major systems in NYS, and by ethnicity, and other NCLB Subgroups

For example, if you have an achievement goal, you need to decide whether you are targeting improved proficiency or improved growth (or both), and consider what reports or data sets are available to measure your success. (In addition, your indicator and measure of success will impact your strategies.)