

# LiveBook School Data Visualization

## Creating Data-Driven Insights to Improve Decision Making

**LiveBook** is a comparative analytics technology that helps schools visualize data, explore relationships and associate content.

This integrated data visualization platform automatically merges the data from AdminPlus and other local and public data sources to create comprehensive graphs and charts. This empowers school staff to quickly pinpoint patterns, differences, ranks, trends, and linkages in the data - leading to better decision making for evidenced-based solutions.

PSAT Percentiles	Class Grades	MCAS Levels	PSAT Benchmark
89 - 100.1	90 - 100.1	E	Y
74 - 88.9	75 - 89.9	M	N
50 - 73.9	65.1 - 74.9	PM	
1 - 49.9	0 - 65	NM	

MCAS Math	MCAS Math Scale Score	MSGP Growth Pcnt	MCAS Lang	MCAS Lang Scale Score	ESGP Growth Pcnt	MCAS STE	MCAS STE Scale Score
E	535	82	M	515	27	PAS	266
M	504	21	PM	480		PAS	258
	503	81	M	529	61	PAS	254
		55	M	519	26	PAS	246
		58	M	524	41	PAS	256
		65	M	529	61	PAS	254
		54	E	535	31	PAS	262
		41	E	535	47	PAS	270
							262
							262

### The Problem

- **Multiple Sources:** Assessments are stored on different sites with varying score interpretation guidelines.
- **Searching for Trends:** Identifying correlations between separate assessment data tables can be challenging.
- **Constantly Changing:** Program statuses change over time making it difficult to keep up with the most recent information.
- **Manual Processes:** Teachers must walk down to the office to pull a student's assessment history file.
- **Time and Effort:** Extra manpower and time needed to extract and compile the necessary information from different sources - deciding which data fields to keep and which to exclude.
- **Quickly Outdated:** Timely distribution of compiled data to school staff can be difficult.
- **Unique Needs:** The Superintendent, Principal, Curriculum Director, Interventionist, and Teachers may want the same data presented in different ways.





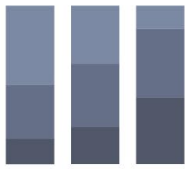



### The Solution: LIVEBOOK

- **One Source:** All assessment data is already uploaded and stored in one place - the LiveBook site.
- **Spot Trends:** Multiple data visualizations can be displayed at once to see correlations and trends that may have otherwise gone unnoticed.
- **Current Info:** Integration with our AdminPlus SIS means all information is up-to-date (such as Special Ed and ELL statuses).
- **Easy Access:** Teachers can retrieve data via the direct link from their TeacherPlus web portal.
- **Easy Look-up:** All assessment data is keyed on each student's unique ID.
- **Combined Views:** Districts/dioceses have the power to choose the most important information for the best combined data views.
- **Meaningful Charts:** Color-coded graphical views make it easy to understand.
- **Filter by Data Level:** Organize data for the district, school, subject, grade, and student level.



## A Better Way to Visualize School Data that Keeps Everyone Happy...

With LiveBook, the time-consuming work of assessing and organizing all the relevant data from different sources is done for you! Data is compiled into a wide range of meaningful charts and graphs that allow IT/data staff, teachers, administrators, and superintendents to visualize trends and make data-driven decisions.

			
<i>Happy Supers</i>	<i>Happy Admins</i>	<i>Happy Teachers</i>	<i>Happy IT/Data Staff</i>
<b>District Data</b>	<b>School Data</b>	<b>Student Data</b>	<b>All Data</b>
			
<i>Satisfy Federal, State, Gov., Board Members, Etc.</i>	<i>Make Informed Decisions on Staffing, Expenses, and More.</i>	<i>Inform Instructors and Adjust Curriculum.</i>	<i>Access Up-to-Date Data for Easy Distribution.</i>

