Level 1 – Assessment Visualizations Menu
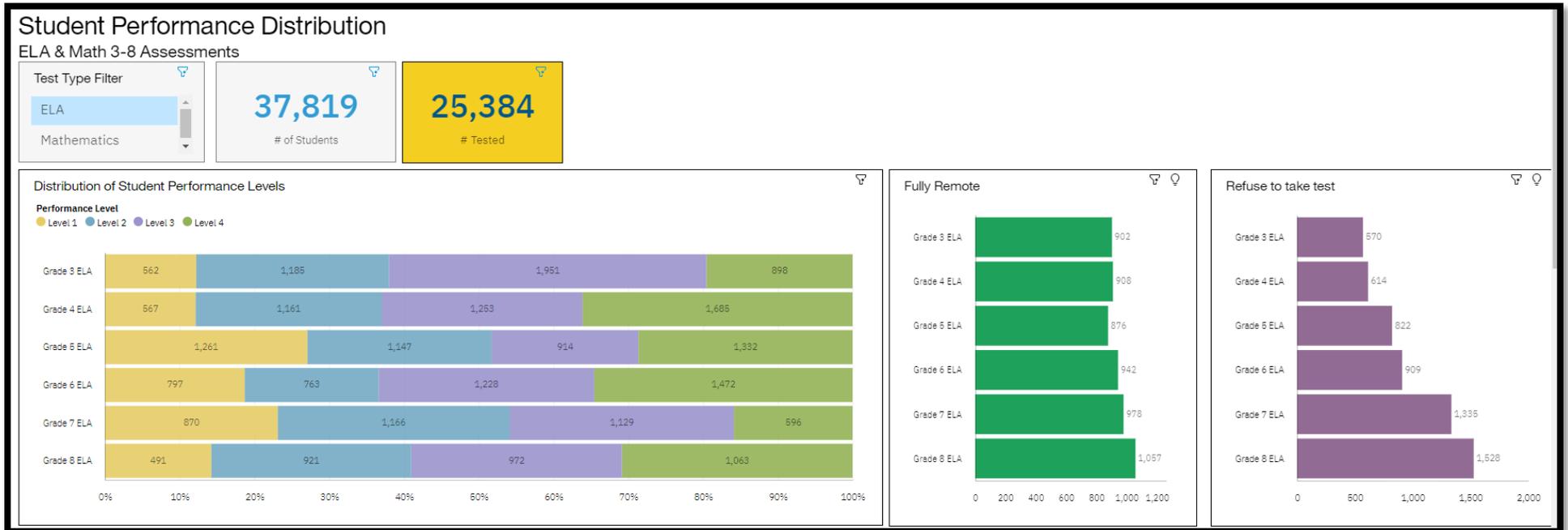
Student Performance Distribution
ELA & Math 3-8 Assessments

Test Type Filter
- ELA
- Mathematics

37,819 # of Students

25,384 # Tested

Distribution of Student Performance Levels

Performance Level: ● Level 1 ● Level 2 ● Level 3 ● Level 4

Grade	Level 1	Level 2	Level 3	Level 4
Grade 3 ELA	562	1,185	1,951	898
Grade 4 ELA	567	1,161	1,253	1,685
Grade 5 ELA	1,261	1,147	914	1,332
Grade 6 ELA	797	763	1,228	1,472
Grade 7 ELA	870	1,166	1,129	596
Grade 8 ELA	491	921	972	1,063

Fully Remote

Grade	Value
Grade 3 ELA	902
Grade 4 ELA	908
Grade 5 ELA	876
Grade 6 ELA	942
Grade 7 ELA	978
Grade 8 ELA	1,057

Refuse to take test

Grade	Value
Grade 3 ELA	570
Grade 4 ELA	614
Grade 5 ELA	822
Grade 6 ELA	909
Grade 7 ELA	1,335
Grade 8 ELA	1,528

Tips for Interacting with Visualizations

- Clicking in or on one widget (box of interactive data) will likely affect the others on the tab. This is useful for finding out more specific information on one particular group, question, standard, etc. To deselect, click the item again.
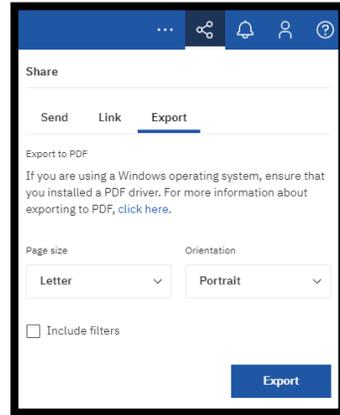
- Save a visualization as a pdf!

- Is the information too small on the pdf? Save the visualization to your "My Content" folder and then delete the widgets (boxes) that you do not need to be printed. This will allow the information you do need to be much larger and easier to read once printed.
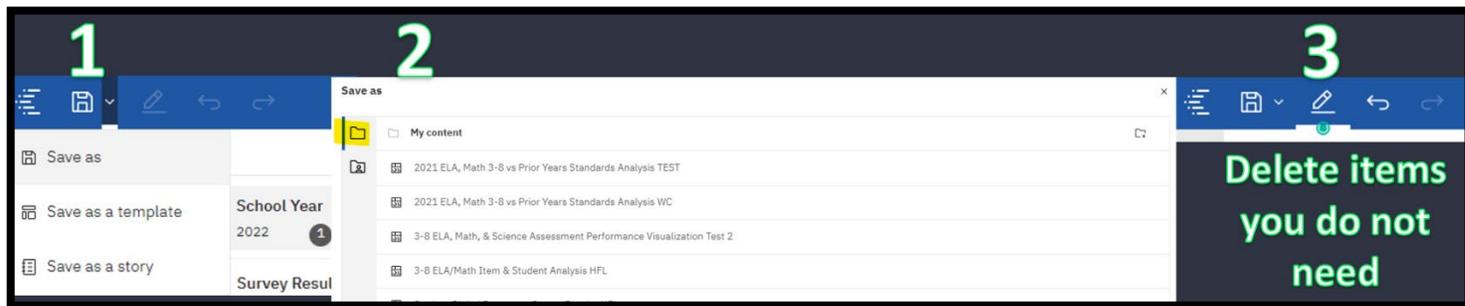
- Check the filters at the top of a visualization often. The defaults may either be too broad or too narrow for what you may be looking for. Sometimes one test's data would be ideal whereas other times it may be better to have several grades/exams/years selected.

- Each widget has a filter option in the top right. Sometimes you may want to click on that filter to restrict or allow more data into the widget.

3-8 ELA, Math, & Science Assessment Performance Visualization
10/28/2021 3:23 PM

3-8 ELA/Math Current Year vs Prior Years Standards Analysis
2/8/2022 11:28 AM

3-8 ELA/Math Item & Student Analysis
4/5/2022 2:15 PM

Tabs	3-8 ELA & Math Performance	3-8 ELA & Math Filtered	Historic 3-8 Performance	Science 4 & 8

Widgets (interactive data)	• Total # of Students
	• Total # of Students tested
	• Distribution of Student Performance Levels
	• # of Fully Remote
	• # of Refusals
	• Number of students at each grade level
	• Location
		• Filter by subgroups
		  o Gen Ed
		  o Special Ed
		  o Not Low-Income
		  o Poverty
		  o Female
		  o Male
		  o Ethnicity
		• ELA Performance for All students
		• Math performance for All Students
			• Historic Performance Summary (Numbers of those that scored 3s and 4s) for ELA
			• Historic Performance Summary (Numbers of those that scored 3s and 4s) for Math
				• Performance Distribution
				• # of Students at Proficiency
				• Location
				• Five-Year Student Performance Summary (# of students at proficiency)

Notes		• You may choose to select multiple subgroups • Performance for all students on the right side makes for easy comparisons	• Use the Widget Filter (top right of each widget) to include Levels 1 and 2.	• Use the Widget Filter on the Five-Year summary to include Levels 1 and 2.

Team content   >   0.3 Visualizations   >   **3-8 Assessments**

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Widgets that compare this year to previous years	• Strand or Domain % Earned • Cluster % Earned • Identifier (All Standards) % Earned • Historical # of Questions
Top Filters that affect all widgets	• Assessment Name (recommend choosing one at a time) • School Year (Keep current year selected and then choose how far back you want to average) • Education Type – Choose to filter by General Education or Special Education • Ethnicity – Choose to filter by one or multiple ethnicities • Poverty – Choose to filter by poverty status • ELL Eligibility
Notes	• Context matters. Click on a standard in the Identifier % Earned to see how many times that specific standard was assessed. Poor performance on 1 or 2 questions does not necessarily mean curricular changes need to happen to address that performance.

▦ 3-8 ELA, Math, & Science Assessment Performance Visualization
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4/5/2022 2:15 PM

Tabs	ELA/ Math Assessment Analysis	Item Analysis	Student Analysis	Subgroup Item Analysis
Widgets (interactive data)	• Historical Performance Levels • Location • # of Questions by Standard by Year • # of Questions by Difficulty • Historical Performance Levels by Ethnicity, Poverty Indicator, Ed Type, ELL Eligibility	• By Location • P-Value by Identifier (compare to region) • P-Value by Question (compare to region) • Question # P-Value by Ed Type, Poverty Indicator, Ethnicity, ELL Eligibility (compare to district average)	• Select Student (list of all student names) • Student Info (ID, Score, Performance Level, Performance Quantile) • P-Value by Identifier • P-Value by Question Type • P-Value by Cluster • Full Student Response Information	• P-Value and Question Level of Difficulty by Question Number (compare to region) • Question P-Value by Standard Identifier (compare to region) • Standard Identifier by Ethnicity, Ed Type, Poverty Indicator, ELL Eligibility (compare to district average)
Top Filters Available that affect all widgets	• School Year(s) • Assessment Name • Question Type	• School Year(s) • Assessment Name • Question Type	• School Year(s) • Assessment Name • By Location • Performance Level	• School Year(s) • Assessment Name • Location • Question Type
Notes	Item Analysis and Subgroup Item Analysis show much of the same information, so it comes down to user preference on which one to use.			

Team content > 0.3 Visualizations > **Regents Assessments**

Regents Assessment Performance Visualization
1/28/2022 11:48 AM

Regents Current Year vs Historical Item Analysis
2/9/2022 10:30 AM

Regents Item & Student Analysis Visualization
5/3/2022 11:40 AM

Tabs	Regents Mathematics, ELA, Social Studies, or Science	Performance Filtered by Subgroup
Widgets (interactive data)	- June 20__ Student Performance Distribution - January 20__ Student Performance Distribution - Five-Year Student Performance Summary	- Filter by subgroups - Gen Ed - Special Ed - Not Low-Income - Poverty - Female - Male - Ethnicity - ELL Eligibility
Notes	- Each subject has its own tab. - Other than ELA, you will see the different exams for each subject	Use the filters on the top-left to choose particular assessment(s)

Team content > 0.3 Visualizations > **Regents Assessments**

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Regents Item & Student Analysis Visualization
5/3/2022 11:40 AM

Regents Current Year vs Historical Item Analysis	
Widgets (interactive data)	• Current Year vs Previous Year(s) by Standard Area or Domain • Current Year vs Previous Year(s) by Cluster/Key Idea • Current Year vs Prior Year(s) by Identifier (All Standards) • Historical # of Questions
Top Filters that affect all widgets	• School Year (Keep current year selected and then choose how far back you want to average) • Gender • Poverty – Choose to filter by poverty status • Education Type – Choose to filter by General Education or Special Education • Ethnicity – Choose to filter by one or multiple ethnicities • ELL Eligibility
Notes	• This visualization is limited to ELA, Algebra I, Earth Science, and Living Environment Regents • To find the number of questions that assessed a standard, click a standard and look to the blue widget boxes.

Regents Assessment Performance Visualization
1/28/2022 11:48 AM

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5/3/2022 11:40 AM

Tabs	Performance Overview	Location Performance	Historical Performance by Assessment	Assessment Analysis
Widgets (Interactive Data)	• Average Score by Test • % of Students by Level • Breakdown by Subgroups (levels)	• Scatterplot of Performance by Building • Breakdown by Ed Type • Breakdown by Achievement Level	• # of Students and Average Score by School Year • Historical Performance by Test	• # of Questions by Standard and Year • # of Questions by Difficulty • # of Points by Question Type

Tabs	Item Analysis	Subgroup Item Analysis	Distribution of Constructed Response	Student Analysis
Widgets (Interactive Data)	• District Performance Breakdown • % Earned by Question Type vs Region • Average Score • Question P-Value by Standard Identifier • P-Value by Question	• P-Value and Question Level by Question # • Question P-Value by Standard • Standard Identifier by Subgroup	• Distribution of CR – Shows how many students scored each point value for each question • Able to break this info down by subgroup	• Select Student (list of all student names) • Student Info (ID, Score, Performance Level, Performance Quantile) • P-Value by Question Type • P-Value by Cluster • Full Student Response Information (points earned, answer choices)