



Growth Report User's Guide

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Support with your Growth Report

To access the Growth Reports, we create district- and school-level user IDs and passwords as requested by districts to provide access to their growth data between the two academic terms you select. The purchase of a Growth Report also includes one hour of virtual consulting provided by Professional Development Sr. Consultants. We offer this support to help partners understand how to use the Growth Report, and we will guide partners through the exploration of their actual data to help build their confidence and self-sufficiency.

Once a Growth Report is delivered, Professional Development contact a partner to schedule the virtual consultation.

For further problems or questions, contact Partner Support by completing the form found at <https://www.nwea.org/contact-us/support/> or calling 877-469-3287

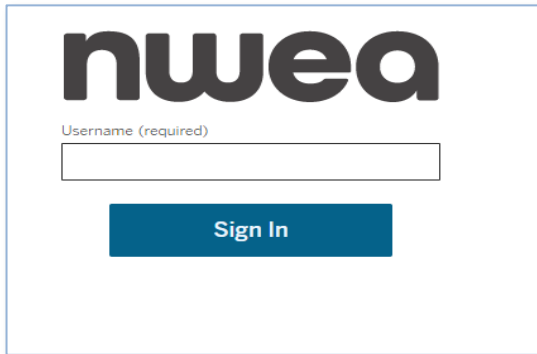
Getting Started

NWEA™ uses a business intelligence platform called Tableau to display custom reports. The reports include a series of worksheets (or visualizations) that display data in an interactive and user-friendly platform. Tableau allows for user interaction on any device with a browser and internet access. This platform allows access to special reports through our Special Reports server.

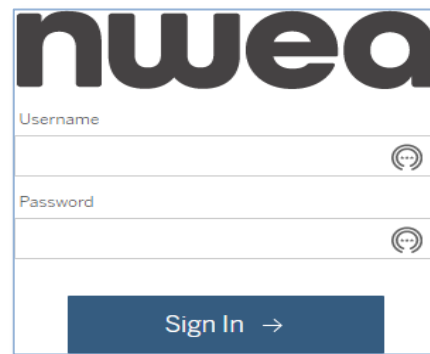
Logging into the Special Reports Server

- 1) To log into our Special Reports server using your unique username and password, go to: <https://specialreports.nwea.org>.

Follow the prompts to enter unique Username and password to sign in.

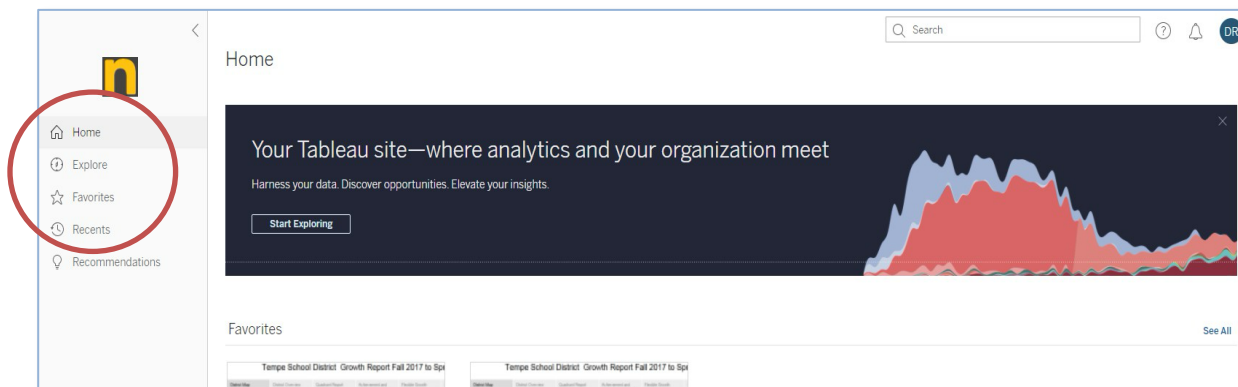


The screenshot shows the NWEA login page. At the top is the 'nwea' logo. Below it is a text input field labeled 'Username (required)'. Underneath the field is a blue button with the text 'Sign In'.



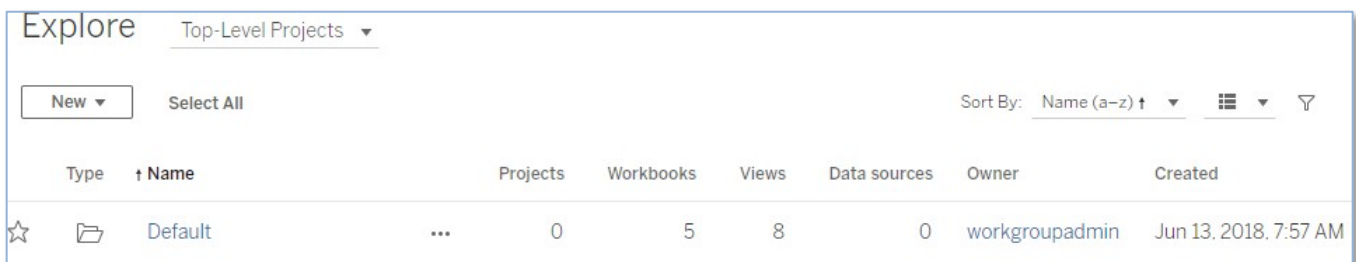
The screenshot shows the NWEA login page with the password field. It features the 'nwea' logo at the top, followed by a 'Username' field and a 'Password' field, both with eye icons to toggle visibility. Below the password field is a blue button with the text 'Sign In →'.

- 2) Once logged in, users land on a “Home” site with Favorite and Recent projects listed. On the left, select “Explore” to see which reports are available.



The screenshot shows the NWEA Home page. On the left is a navigation menu with items: Home, Explore, Favorites, Recents, and Recommendations. The 'Explore' item is circled in red. The main content area has a header 'Home' and a search bar. Below the header is a large banner with the text 'Your Tableau site—where analytics and your organization meet' and a 'Start Exploring' button. At the bottom, there is a 'Favorites' section with two project thumbnails.

- 3) Select “Default” to show reports that are available to view.



The screenshot shows the NWEA Explore page. At the top is the 'Explore' header and a dropdown menu for 'Top-Level Projects'. Below this are buttons for 'New' and 'Select All', and a 'Sort By: Name (a-z) ↑' dropdown. The main content is a table with the following columns: Type, Name, Projects, Workbooks, Views, Data sources, Owner, and Created.

Type	Name	Projects	Workbooks	Views	Data sources	Owner	Created	
☆	Default	...	0	5	8	0	workgroupadmin	Jun 13, 2018, 7:57 AM

- 4) Reports will be generated on the screen. Select a report.

Default ☆ ⓘ ...

Owner [workgroupadmin](#)

The default project that was automatically created by Tableau.

New ▾ Select All

Content Type: All ▾ Sort By: Type ▾ [Grid Icon] ▾ [Filter Icon]

Type	Name	Actions	Value	Owner	Modified
<input type="checkbox"/> ☆ [Icon]	Sample F23.W24 Instructional Report	...		Jed Tai	Jun 25, 2024, 8:53 AM
<input type="checkbox"/> ☆ [Icon]	Tableau Sample District F21.S22 Growth Report 062524	...		Leslie Shotola	Jun 25, 2024, 3:49 AM
<input type="checkbox"/> ☆ [Icon]	Tableau Sample District F21.S22 Revised Growth Report	...		Leslie Shotola	Aug 19, 2024, 5:17 PM

Note to previous users of Premium Reports: The interface for the MAP Growth Report has been revised. The report content is the same, but the look and organization have been improved for users. The report has a Landing Page and contains 9 dashboards (see below):

NWEA Sample District 64 Growth Report - Fall 2022 to Spring 2023 ☆ ⓘ ...

Owner [Dylan Klomprens](#) Modified Jun 26, 2024, 12:19 PM

Edit Workbook

Views 9 Data Sources 1 Connected Metrics 0 Custom Views 0 Subscriptions 0 Usage

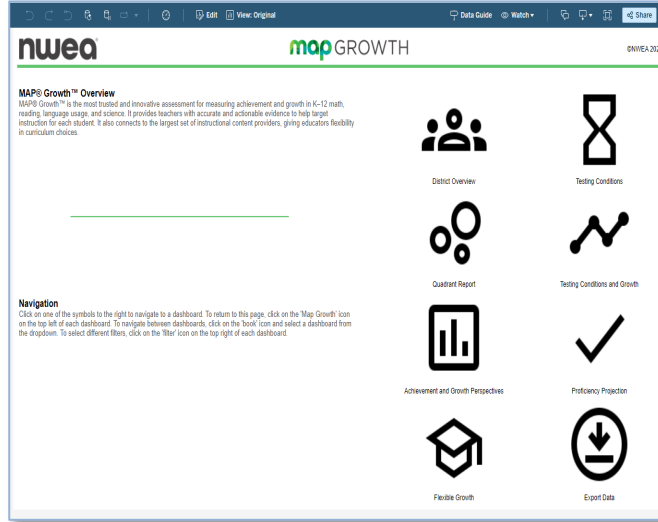
Select All

Sort By: Sheet (first-las

Type	Name	Actions	Acceleration
<input type="checkbox"/> ☆ [Icon]	Landing Page	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 2 District Overview	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 3 Quadrant Report	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 4 Achievement and Growth Perspectives	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 5 Flexible Growth Dash	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 6 Testing Conditions	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 7 Testing Conditions and Growth	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 8 Data Export	...	Off
<input type="checkbox"/> ☆ [Icon]	Dash 9 Proficiency Projection	...	Off

Landing Page

The Landing Page contains an overview of the Growth Report and instructions for navigating through the Tableau report. Navigate through the report dashboards by clicking on each icon.



The visualizations allow for user customization and interaction. The visualizations can be customized using specific filters (e.g., school, subject, and grade) that will generate data visuals based on the criteria selected. All the visuals are interactive; hovering and clicking on a field will display additional information.

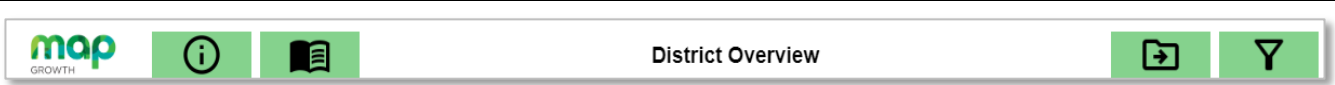


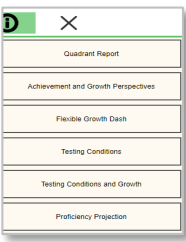

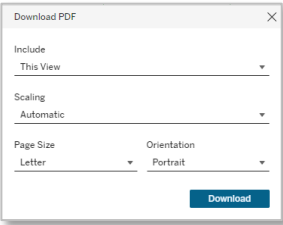

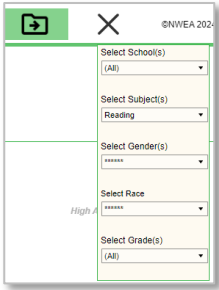
Active Filters
 Growth Metric: Percent Meeting Normative Growth
 Column Groupings: Ethnicity
 Row Groupings: Achievement Band
 Final School: Acadia High School
 Subject: Mathematics
 Grade: All

Percent Meeting Normative Growth by Ethnicity and Achievement Band
Select a cell to view grade and student level information

	American Indian or Alaska Native	Asian	Black or African American	Hispanic or Latino	Multi-ethnic	Native Hawaiian or Other Pacific Islander
0	60%	60%	60%	65.3%	75%	50%
10	9.09%	40%	20%	42.8%	28.5%	56.2%
20	57.1%	33.3%	61.1%	55.5%	33.3%	40%
30	62.5%	62.5%	27.7%	50%		75%
40	31.2%	54.5%	50%		62.5%	55.5%
50	22.2%	64.2%	33.3%	38.8%	58.3%	35.7%
60	33.3%	31.2%	55.5%	16.6%	28.5%	30.7%
70	11.5%	11.1%	21.4%	72.2%	55.0%	0%
80	16.6%	28.9%	36.1%	40%	23.3%	28.5%
90	52%	39.2%	30.2%	32%	32.9%	28.5%

The top of each dashboard contains 4 green icons; use the green icons to navigate through each dashboard:

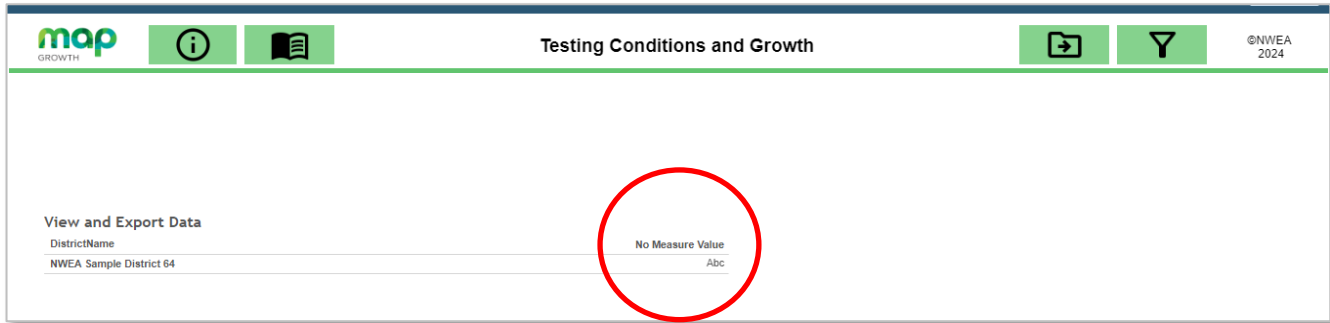
ICON KEY:

	
	<p>Click the information icon to see a summary of each section</p>
	<p>Click the Book icon to show the Vertical Container; this is a list of all the sections of the report.</p>
	<p>Click on each section title to navigate to a different section of the report. Click on the X to close the dropdown menu.</p>
 	<p>Click to download a pdf of the section of the report.</p>
	<p>A Vertical Container of the Filters for each section of the report</p>
	<p>Click on the X to close the dropdown(s).</p>

Accessing the underlying data file

The underlying data within the Growth Report can be directly downloaded for integration into a school/district data system using the following steps:

- 1) Select “Dash 8 Data Export” section or the “Export Data” icon on the “Landing Page.”
- 2) Mouse-over or select the “Abc” shown next to the district name, which elicits a pop-up text box with the district name.



- 3) To the right of “Exclude” is a small icon that resembles a series of columns. Hover over that icon to see a “View Data” message. Select “View Data”.
- 4) A window should appear that shows two tabs entitled “Summary” and “Full Data”. Select the “Full Data.” Under “Show Fields” click “(All).”
- 5) Select “Download.” To download the csv file: “Export_Full Data_data.csv.” The data can be imported into excel, or any desired data/statistical program or database.

DistrictName	Info Icon	aCGI	ACT 22 Cut Score	ACT 24 Cut Score	Aggregate CGI	CGI	CGIse
NWEA Sample District 64		3.95736	232	236	2.15	2.14996	0
NWEA Sample District 64		1.34270	232	236	0.73	0.73156	0
NWEA Sample District 64		-0.64279	232	236	-0.43	-0.42728	0
NWEA Sample District 64		1.95655	232	236	1.33	1.32902	0

Growth Report

What are Growth Reports?

The NWEA™ web-based Growth Reports, are reported to school districts in a series of visualizations that evaluate the academic growth of your students relative to NWEA's nationally representative growth norms, as demonstrated by student performance on MAP Growth®.

Growth Reports show student growth and student growth percentiles relative to other students across the nation with similar initial achievement who received similar amounts of instruction.

A web-based Growth Report includes a data dashboard and a series of data visualizations that permit the user to evaluate growth patterns across different groups of students. The web-based Growth Report includes individual students' observed growth scores between two specified testing seasons and information about normative growth, including each student's observed growth percentile. The data visualizations display aggregations of student-level growth information across schools, grades, achievement bands, and other student groupings.

Growth Reports evaluate observed student growth against NWEA norms. These norms consider a student's grade, subject, initial score, and the number of instructional weeks between testing to establish a growth distribution against which a student's observed progress can be evaluated. The mean, or average, of this growth distribution is commonly referred to as "typical" or "expected" growth. The Growth Report includes a series of interactive visualizations or storyboards displaying each student's observed growth and a series of evaluative growth metrics (discussed below).

Growth Report Metrics

Student growth is evaluated using several growth metrics, each of which provides different types of information for understanding different aspects of student growth and performance. The metrics follow:

Average Growth – In this context, growth is defined as the observed change in RIT score between the first and second MAP Growth test administrations. The RIT scale is an equal interval scale, meaning that a change in RIT score from, for example, 170 to 175 implies an increase in achievement that is equal in magnitude to an increase from 250 to 255. In Growth Reports, average growth is computed across all students within the designated parameters (e.g., male first graders).

Growth Index – The growth index is the difference between a student's observed growth and typical growth. Values greater than zero imply that the student exceeded typical growth. Negative values imply that the student showed less than typical growth. In the Growth Reports, an average growth index is computed across all students within the specific group. The growth index retains the interval RIT scale, so that a student with a growth index score of 1.5 exceeded typical growth by 1.5 RIT points.

Observed Raw Growth – The observed raw growth is the change in a student's achievement between times 1 and 2 as measured by the MAP Growth assessment. Values greater than zero indicate that a student's achievement increased over the duration between the two test events. While the observed raw growth conveys the extent to which a student's achievement changed, it provides no normative context by which to understand how that change compares to the growth of other similar students.

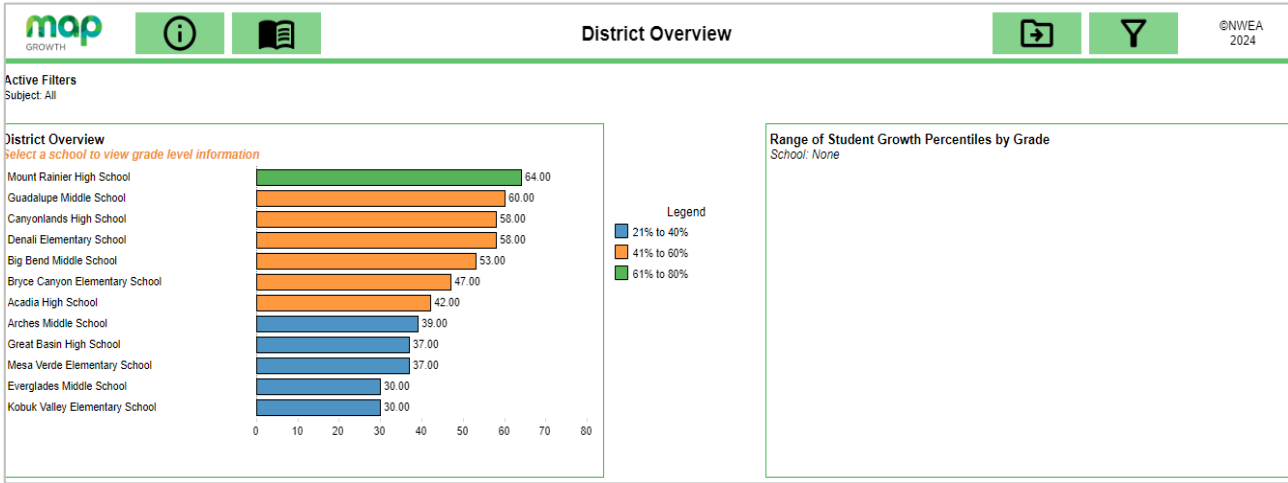
Percent Meeting Normative Growth – The percent meeting normative growth metric simply reports the proportion of the group whose observed growth met or exceeded “typical” or “expected” values, as defined by NWEA norms.

Aggregate Conditional Growth Index – The conditional growth index (CGI) expresses a student’s observed growth as a standardized z-score, in which observed growth is compared to typical growth. A student with a CGI score of +1 showed growth that exceeded typical growth by about 1 standard deviation in magnitude, while a student with a score of -1 showed growth that was about 1 standard deviation less than typical growth. In the Growth Reports, aggregate CGI scores are computed across all students within the user-designated grouping as weighted averages. The CGI is more appropriate than the Growth Index or observed raw growth for comparing growth across different grades or groups of students because the CGI corrects for distributional differences in typical, or “normative” growth that the Growth Index or raw growth do not.

Median Student Growth Percentile – The growth percentile provides an indicator of where a student’s observed growth lies relative to the distribution of normal growth for that student, given her/his starting achievement level, grade, and the number of weeks of instruction received. A 20th percentile growth metric for a student indicates that about 80% of comparable students within the normative population would have produced greater growth. A 99th percentile growth metric means the student’s growth exceeds the growth of 99% of similar students. At the group level, the median student growth percentile is reported.

District Overview

The District Overview dashboard provides growth metric summaries at the school and grade level. This worksheet shows the rank order of schools by median student growth percentile to quickly compare relative performance and examine grade-level details within multiple schools.



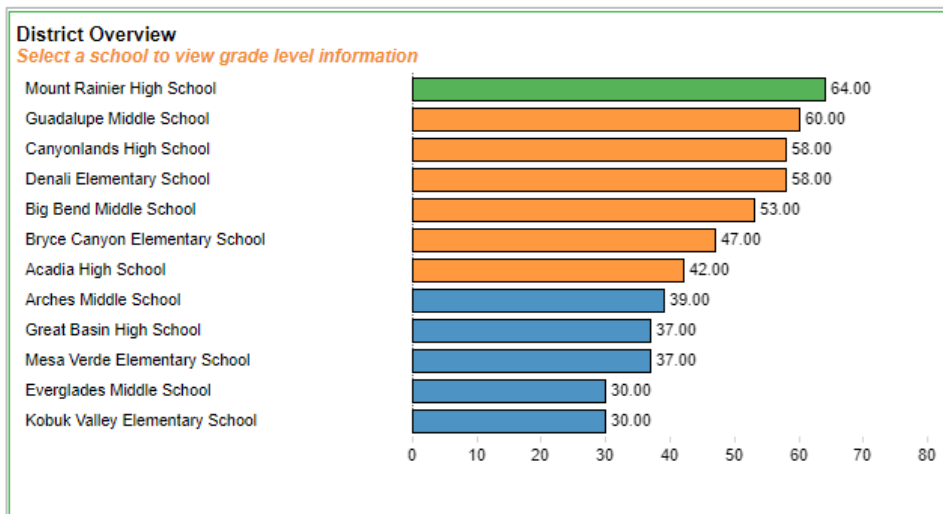
Page Features – The page features a color range to represent median student growth percentiles. The color keys are displayed in the center of the visualization.



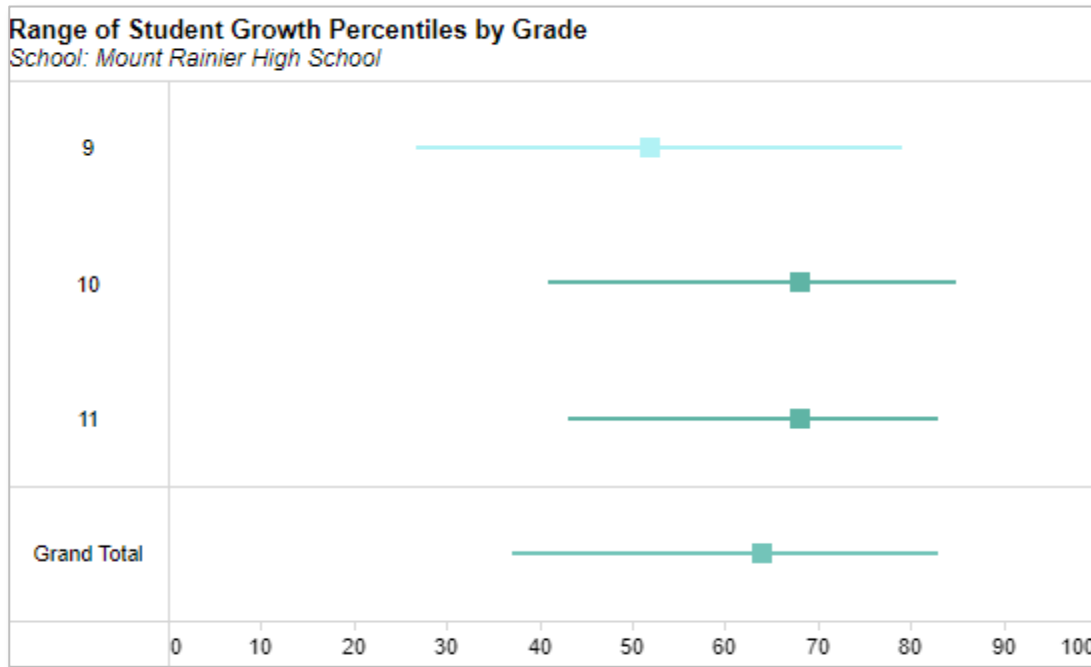
Filters – The page contains a subject filter to modify visualizations by subject. This filter is displayed on the upper right side of the visualization.

Visualizations – The page contains three visualizations that show school level growth summaries.

The bar graph displays school-level median student growth percentiles by school. A school must be selected to display grade-level inner quartile ranges of the student growth percentile.



Range of Student Growth Percentiles by Grade displays school student growth percentile data categorized by grade level. Hovering over or selecting a quartile band will display additional information about grade level (bottom, median, and upper quartiles). Colors represent the median student growth percentiles, and filters can be used to examine or focus on subject(s).



Grade Level School Growth Summaries displays selected school data categorized by grade level showing number of records, average observed raw growth, average growth index, average met or exceeded growth goal, aggregate conditional growth index (CGTI), and median conditional growth percentiles (CGP). Filters can be used to examine or focus on specific subjects.

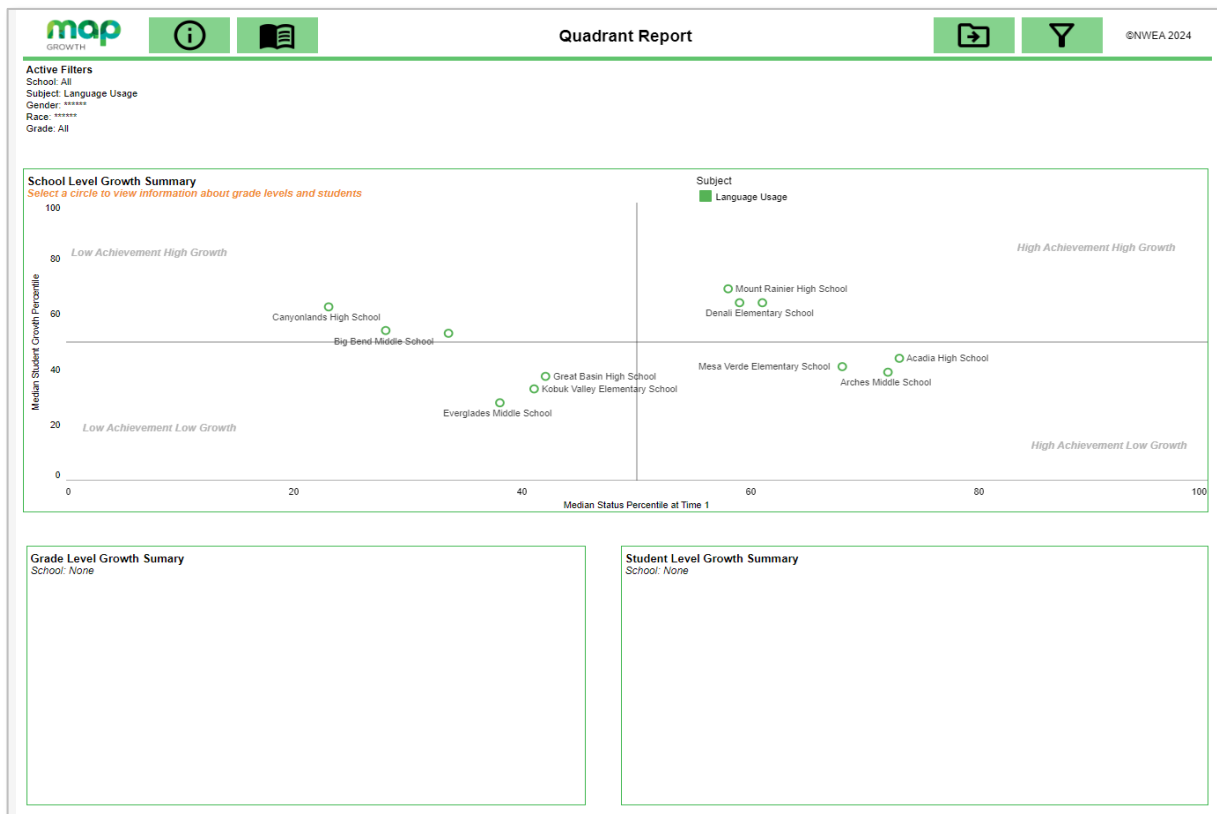
	Number of Records	Avg. Observed_raw_growth	Avg. GrwthIndx	Avg. Met or Exceeded Growth Goal	Aggregate CGI	Median CGP
9	480	3.0	0.0	50.4%	0.1	52
10	489	5.2	2.4	63.8%	0.4	68
11	481	5.1	2.6	66.9%	0.4	68
Grand Total	1,450	4.4	1.7	60.4%	0.3	64

Quadrant Report

The Quadrant Report dashboard provides a summary of growth and initial achievement level across schools and may be filtered to include only specific grades.

This worksheet shows a quadrant displaying school achievement and growth. The additional visualizations also provide information on grade- and student-level growth summaries to compare relative performance and examine grade- and student-level details within selected schools.

The Quadrant Report displays starting school-level median student achievement percentile as it relates to median student growth percentile. School placement within the quadrants represent high/low achievement and high/low growth. Hovering over or selecting a school will display school name, subject, specific percentile information, and number of records.



Page Features – Each subject is represented by a different color.



Filters – The page contains filters to modify visualizations by school(s), subject(s), gender(s), race/ethnicity group(s), and grade(s). Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.

Visualizations – The page contains visualizations summarizing school- and student-level growth.

The Quadrant Report displays starting school-level median student achievement percentile as it relates to median student growth percentile. School placement within the quadrants represent high/low achievement and high/low growth. Hovering over or selecting a school will display school name, subject, specific percentile information, and number of records. Colors are used to identify subject(s).

In the School Level Growth Summary visualization:

Hover above the circle with each school name to reveal the Name of School, Subject, Median Student Growth Percentile, Median Starting Achievement Percentile, Number of Records

Click on a circle to populate the Grade Level Growth Summary and Student Level Growth Summary visualizations with information about grade levels and students within that school.

Grade Level Growth Summary displays school data categorized by grade level showing final enrolled grade level (at test time 2), number of records, average RIT1 score, average RIT2 score, average observed raw growth, average met or exceeded growth goal, average growth index, aggregate conditional growth index (CGI), and median conditional growth percentile (CGP). Filters can be used to examine or focus on specific subjects, genders, race/ethnic groups, and grades.

Grade Level Growth Summary								
School: Canyonlands High School								
Final Enrolled Grade	Number of Records	Avg. rit1	Avg. rit2	Avg. Observed_raw_growth	Avg. Met or Exceeded Growth Goal,	Avg. GrwthIndx	Aggregate CGI	Median CGP
9	165.0	211	214	3.2	0.5	-0.2	0.05	51
10	173.0	213	219	5.9	0.7	2.9	0.50	69
11	172.0	212	218	5.7	0.7	2.7	0.40	66

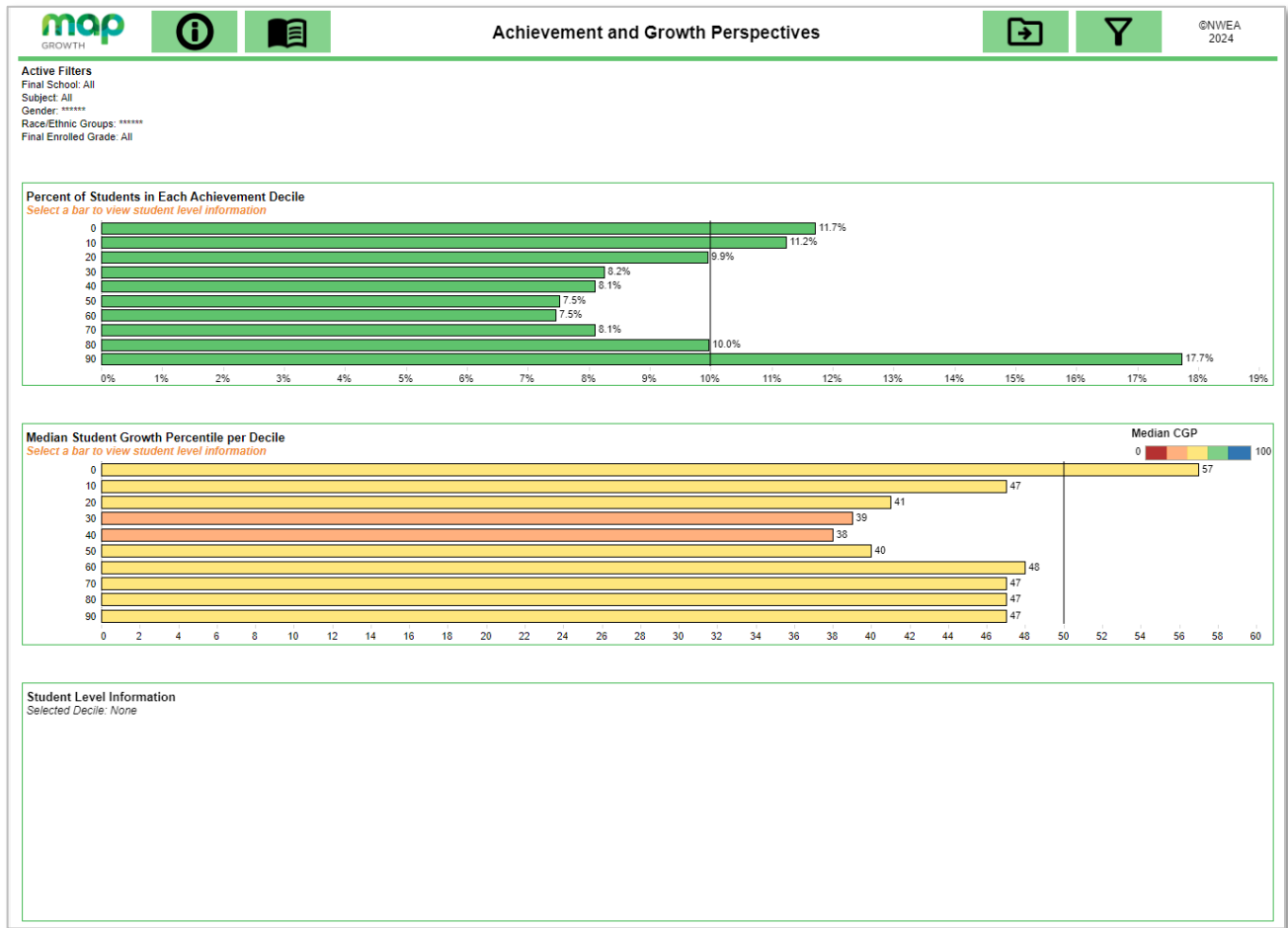
Student Level Growth Summary displays selected student-level data sorted by student name, final enrolled grade, average RIT1 score, average RIT2 score, observed raw growth, average growth index, average conditional growth index (CGI), and average conditional growth percentile (CGP). Filters can be used to focus on specific subjects, genders, race/ ethnic groups, and grades. District-level users will have access to all student level information. School-level users can view student data within their schools.

Student Level Growth Summary							
School: Canyonlands High School							
StudentName	Final Enrolled Grade	Avg. rit1	Avg. rit2	Observed_raw_growth	Avg. GrwthIndx	Avg. CGI	Avg. CGP
*****, *****	9	211	214	534	0	0	51
	10	213	219	1,026	3	0	64
	11	212	218	980	3	0	63

Achievement and Growth Perspectives

The Achievement and Growth Perspectives dashboard shows the proportion of students within each achievement decile, the median student growth percentile produced by the students within each decile, and student level information.

This dashboard shows the percentage of students whose initial achievement fell within each of the ten achievement deciles and whether students within each achievement decile are producing above- or below-average growth. The additional visualization also provides student-level summaries within a selected achievement band.



Filters – The page contains filters to modify visualizations by final school(s), subject(s), gender(s), race/ethnic group(s), and final enrolled grade(s). Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.

Select Final School(s)
 (All) ▼

Select Subject(s)
 (All) ▼

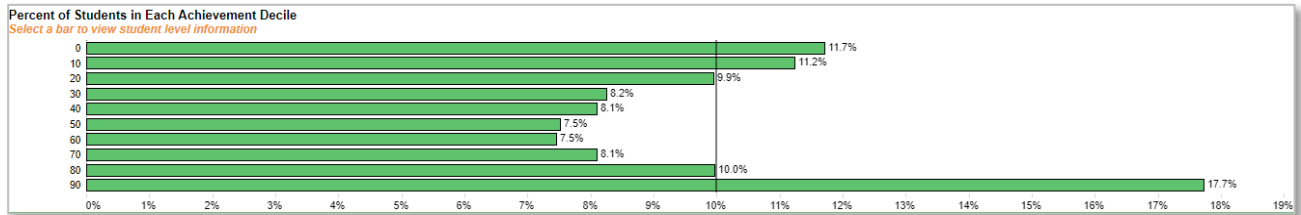
Select Gender(s)
 ***** ▼

Select Race/Ethnic Group(s)
 ***** ▼

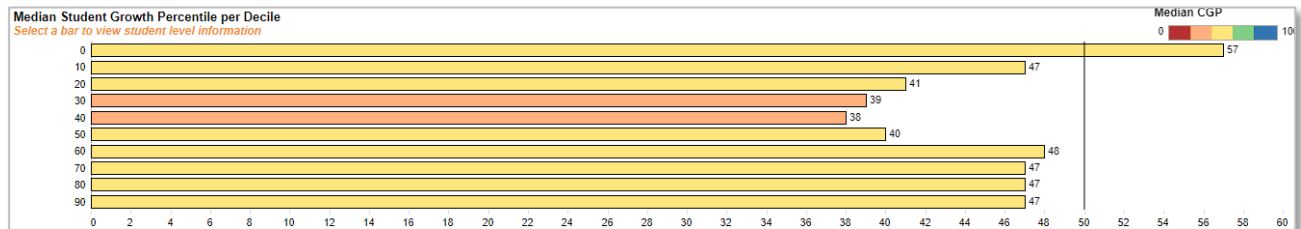
Final Enrolled Grade
 (All) ▼

Visualizations – The page contains three visualizations that compare growth and achievement within the district to national norms.

Percent of Students in Each Achievement Decile provides a visual snapshot of how district achievement compares to the national distribution of achievements. If the school/district resembles the country, each decile (or 10 percentile grouping) would contain about 10% of the school/district student population (as indicated by the black line.) A decile band containing substantially more or less than 10% of the district population indicates a departure the typical national distribution of student achievement within the group of students selected. Hovering over or selecting a bar will display the decile and percentage of the total school/district student population whose achievement fell within that band. Selecting a bar will also generate a third student-level information visualization. Filters can be used to examine or focus on specific schools, subjects, genders, race/ethnic groups, and grades.



Median Student Growth Percentile per Decile displays the median student growth within each of the ten achievement deciles and allows for examination of typical growth between achievement bands. The black vertical band displays typical, or 50th percentile-growth. Hovering over or selecting a bar will display the percentile band and median SGP. Selecting a bar will also generate a third student-level visualization. Filters can be used to examine or focus on specific schools, subjects, genders, race/ethnic groups, and grades.



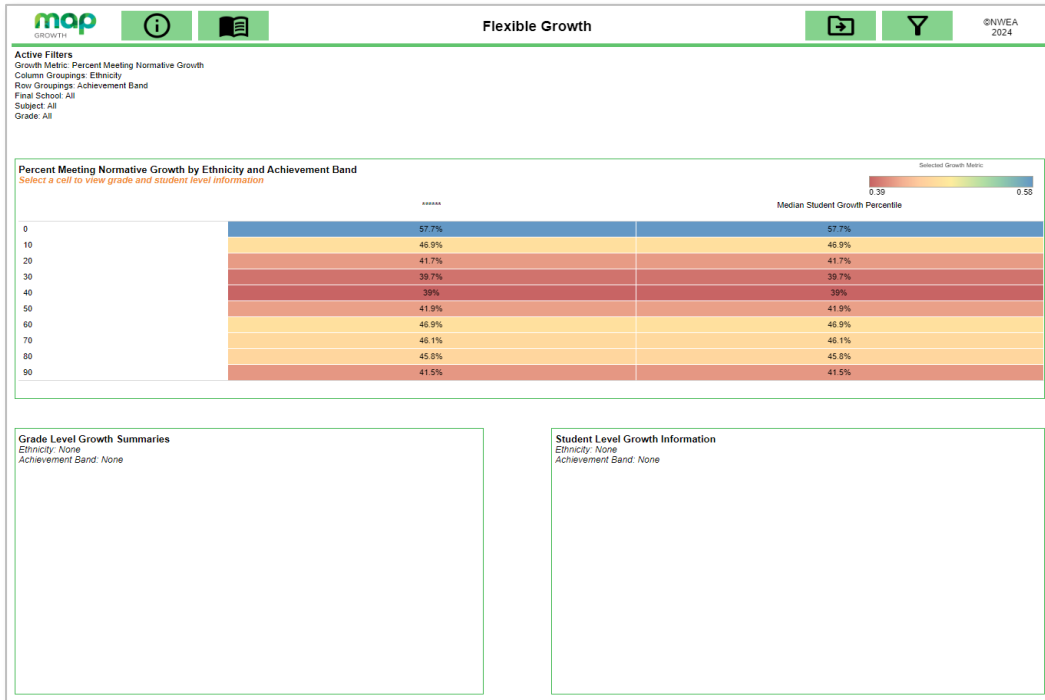
Student Level Information displays student-level information, as selected by one of the achievement bands in the visualization above. The information shows subject1, student name, final enrolled grade, average RIT1 score, average RIT2 score, observed raw growth, average growth index, average conditional growth index (CGI), and average conditional growth percentile (CGP). Filters applied to the above visualizations will be automatically applied to the student-level information visualization.

Student Level Information								
Selected Decile: 0								
Subject	StudentName	Final Enrolled Grade	Avg. rit1	Avg. rit2	Observed_raw_growth	Avg. GrwthIndx	Avg. CGI	Avg. CGP
Language Usage	*****, *****	2	147	165	625	-1	0	44
		3	161	175	195	-1	0	45
		4	172	185	195	2	0	60
		5	180	190	556	1	0	52
		6	185	194	481	1	0	56
		7	188	196	449	1	0	56
		8	191	201	750	4	1	66
		9	191	198	564	2	0	57
		10	192	203	1,048	6	1	76

Flexible Growth

The Flexible Growth dashboard allows the user to compare growth patterns across a wide range of student groups. Several different growth metrics are available.

This worksheet allows the user to develop most of the growth-related comparisons for which there is interest. Additional visualizations provide information on grade- and student-level growth summaries to compare relative performance and examine grade- and student-level details within selected schools.



Page Features – The page features a color range to represent various growth metrics. The range of the scale will change, depending on the selected metric and grouping. The color keys are displayed on the top of the visualization.



Filters –The page contains filters to modify visualizations. Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.

Select Growth Metric
 Percent Meeting Normative Gr... ▾

Select Column Groupings
 Ethnicity ▾

Select Row Groupings
 Achievement Band ▾

Select Final School(s)
 (All) ▾

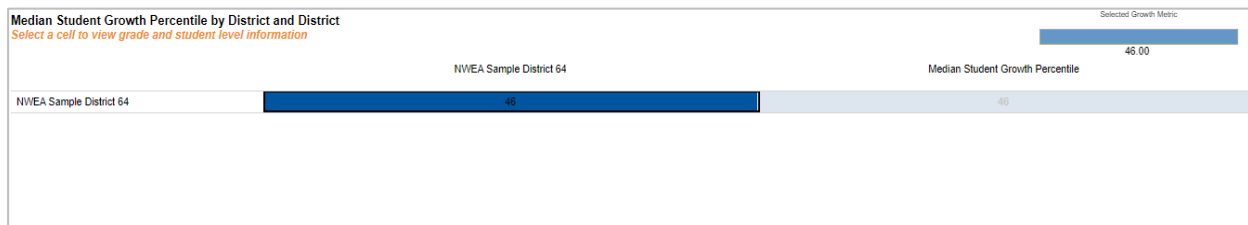
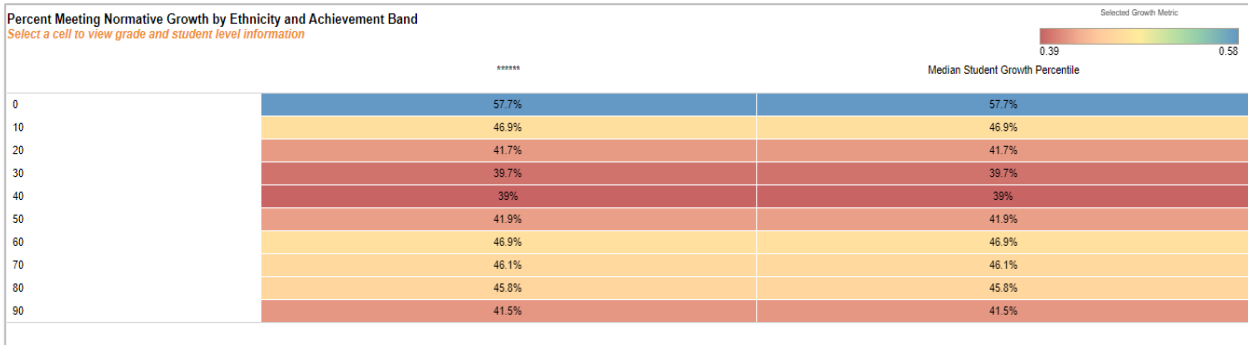
Select Subject(s)
 (All) ▾

Select Grade(s)
 (All) ▾

The top filter specifies the growth metric to display (observed raw growth, growth index, aggregate CGI, median student growth percentile, or percent meeting normative growth). The second filter selects the data to display in the column grouping (none, district, ethnicity, gender, subject, achievement band, achievement quartile) while the third filter selects the data to display in the row grouping (none, district, ethnicity, gender, subject, achievement band, achievement quartile, beginning grade, ending grade, beginning school, ending school). Additional filters can be applied to filter the data within the table visualization and include school(s), subject(s), and grade(s).

Visualizations – The page contains three visualizations that show various growth metrics. Selecting a row heading, column heading, or cell within the top visualization will generate additional grade- and student-level tables.

The **Growth table** displays data using the specified growth metrics, and selected columns and rows. Hovering over or selecting a row heading, column heading, or cell within this visualization will display the growth metric data; hovering over or selecting a cell will display the row and column grouping information, and the value of the selected growth metric. Selecting a row heading, column heading, or cell will also generate the two additional student-level information visualizations. Filters can be used to examine or focus on specific schools, subjects, and grades.



Grade Level Growth Summaries displays data categorized by grade level showing final enrolled grade, number of records, average RIT1 score, average RIT2 score, average observed raw growth, average met or exceeded growth goal, average growth index, aggregate conditional growth index (CGI), and median student growth percentile (CGP). Filters can be used to examine or focus on specific schools, subjects, and grades.

Final Enrolled Grade	Number of Records	Avg. rit1	Avg. rit2	Avg. Observed_raw_growth	Avg. Met or Exceeded Growth Goal,	Avg. Grwthindx	Aggregate CGI	Median CGP
1	14.0	140	153	13.4	0.1	-4.5	-0.62	26
2	45.0	148	165	17.2	0.4	-1.9	-0.18	37
3	47.0	162	176	13.4	0.5	-1.1	-0.13	48
4	64.0	172	182	10.8	0.5	-1.2	-0.16	47
5	189.0	180	190	9.9	0.5	-0.1	-0.02	49
6	171.0	185	194	8.7	0.5	0.1	0.00	53
7	165.0	189	197	7.8	0.5	0.8	0.13	55
8	231.0	191	200	9.1	0.6	2.7	0.37	65
9	210.0	191	198	6.4	0.6	1.2	0.17	57
10	231.0	193	201	8.2	0.7	4.0	0.53	71
11	450.0	192	199	7.0	0.7	3.0	0.36	64
✓	64.0	117	134	17.7	0.3	3.4	0.54	30

Student Level Growth Information displays data categorized by student showing student name, final enrolled grade, average RIT1 score, average RIT2 score, observed raw growth, average growth index, average conditional growth index (CGI), and average conditional growth percentile (CGP). Filters can be used to examine or focus on specific schools, subjects, and grades.

Student Level Growth Information							
<i>Ethnicity: *****</i>							
<i>Achievement Band: 0</i>							
StudentName	Final Enrolled Grade	Avg. rit1	Avg. rit2	Observed_raw_growth	Avg. GvwthIdx	Avg. CGI	Avg. CGP
***** , *****	1	140	153	188	-4	-1	28
	2	148	165	772	-2	0	42
	3	162	176	631	-1	0	46
	4	172	182	688	-1	0	46
	5	180	190	1,868	0	0	49
	6	185	194	1,489	0	0	51
	7	189	197	1,291	1	0	53
	8	191	200	2,109	3	0	61
	9	191	198	1,335	1	0	55
	10	193	201	1,901	4	1	66
	11	192	199	3,168	3	0	61
	K	117	134	1,131	-3	0	35

Testing Conditions

The Testing Conditions dashboard identifies potentially anomalous testing conditions within a school environment. In general, about 10% of test events within a school system should fall within each category. Orange highlighting indicates that at least 15% of test events are meeting these conditions. High percentages may indicate the need to impose greater consistency in testing conditions across seasons.

This worksheet shows the percentage of students who have unusual test events. The additional visualization also provides a student-level summary of test duration at times 1 and 2.

Average test durations at Times 1 and 2
Select a cell to view average term 1 and term 2 test durations. < Orange shading indicates higher percentage than expected >

		Avg. LowTime1	Avg. HighTime1	Avg. Term_1_LowAccuracy	Avg. LowTime2	Avg. HighTime2	Avg. Term_2_LowAccuracy	Avg. TimeDif	Avg. TimeDecrease
Acadia High School	9	83%	0%	0%	80%	0%	0%	0%	0%
	10	75%	0%	0%	74%	0%	0%	0%	1%
	11	71%	0%	0%	66%	0%	0%	0%	0%
Arches Middle School	6	78%	0%	0%	81%	0%	0%	0%	0%
	7	88%	0%	0%	92%	0%	0%	0%	2%
	8	87%	0%	0%	92%	0%	0%	0%	1%
Big Bend Middle School	5	86%	0%	0%	94%	0%	0%	0%	1%
	6	91%	0%	0%	93%	0%	0%	0%	0%
	7	68%	0%	0%	68%	0%	0%	0%	1%
	8	88%	0%	0%	90%	0%	0%	0%	0%
Bryce Canyon Elementary School	0	54%	0%	0%	45%	0%	0%	1%	1%
	1	45%	0%	0%	68%	0%	0%	0%	18%
	2	49%	0%	0%	61%	0%	0%	0%	4%
	3	72%	0%	0%	85%	0%	0%	0%	3%
	4	84%	0%	0%	88%	0%	0%	0%	2%

Average Test Durations at Times 1 and 2
 School: None

Unusual Test events

Short Durations indicates a student completed a test event (time 1 or time 2) within the bottom 10% of durations produced by a reference population.

Long Durations indicates a student completed a test event (time 1 or time 2) within the top 10% of durations produced by a reference population.

Low Accuracy Events indicates that student accuracy rates at a test event (time 1 or time 2) were within the bottom 10% of rates produced by a reference population.

Unusual Time Increases indicates that the increase in test duration between times 1 and 2 were within the top 10% of time increases produced by a reference population.

Unusual Time Decreases indicates that the decrease in test duration between times 1 and 2 were within the top 10% of time decreases produced by a reference population.

Page Features – The page features orange coloring to represent higher percentages than expected. The threshold values are based on the top or bottom 10% of values produced by a reference population used to understand these phenomena. The report flags those values that are 15% or higher, to identify situations or cases that might require closer scrutiny. A flag does not necessarily indicate that the growth scores are invalid, but extremely high percentages of these conditions could indicate inconsistency in the testing environments over time. This is a great way to keep track of the overall testing program as a set of key performance indicators (KPIs).



Filters – The page contains filters to modify visualizations by school(s), subject(s), and grade(s). Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.

Select School(s)
(All) ▼

Select Subject(s)
(All) ▼

Select Final Enrolled Grade
(All) ▼

Visualizations – The page contains a visualization that shows percentage of test events along with an additional visualization that shows average test duration. Select a cell to view average term 1 and term 2 test durations.

Average test durations at times 1 and 2
Select a cell to view average term 1 and term 2 test durations. < Orange shading indicates higher percentage than expected >

		Avg. LowTime1	Avg. HighTime1	Avg. Term_1_LowAccuracy	Avg. LowTime2	Avg. HighTime2	Avg. Term_2_LowAccuracy	Avg. TimeDif	Avg. TimeDecrease
Acadia High School	9	83%	0%	0%	80%	0%	0%	0%	0%
	10	75%	0%	0%	74%	0%	0%	0%	1%
	11	71%	0%	0%	66%	0%	0%	0%	0%
Arches Middle School	6	78%	0%	0%	81%	0%	0%	0%	0%
	7	86%	0%	0%	92%	0%	0%	0%	2%
	8	87%	0%	0%	92%	0%	0%	0%	1%
Big Bend Middle School	5	86%	0%	0%	94%	0%	0%	0%	1%
	6	91%	0%	0%	93%	0%	0%	0%	0%
	7	68%	0%	0%	68%	0%	0%	0%	1%
	8	88%	0%	0%	90%	0%	0%	0%	0%
Bryce Canyon Elementary School	0	54%	0%	0%	45%	0%	0%	1%	1%
	1	45%	0%	0%	68%	0%	0%	0%	18%
	2	49%	0%	0%	61%	0%	0%	0%	4%
	3	72%	0%	0%	85%	0%	0%	0%	3%
	4	84%	0%	0%	88%	0%	0%	0%	2%

Test Events displays data about testing conditions at times 1 and 2. Hovering over or selecting a cell will display the measure name and percentage value. Selecting a row heading, column heading, or cell within this visualization will display an additional school- level visualization. Filters can be used to examine or focus on specific schools, subjects, and final enrolled grades.

Average Test Duration displays school-level data showing average test duration for times 1 and 2. Filters can be used to examine or focus on specific schools, subjects, and final enrolled grades.

Average test durations at Times 1 and 2
Select a cell to view average term 1 and term 2 test durations. < Orange shading indicates higher percentage than expected >

		Avg. LowTime1	Avg. HighTime1	Avg. Term_1_LowAccuracy	Avg. LowTime2	Avg. HighTime2	Avg. Term_2_LowAccuracy	Avg. TimeDif	Avg. TimeDecrease
Acadia High School	9	83%	0%	0%	80%	0%	0%	0%	0%
	10	75%	0%	0%	74%	0%	0%	0%	1%
Arches Middle School	9	83%	0%	0%	88%	0%	0%	0%	0%
	10	83%	0%	0%	81%	0%	0%	0%	0%
Big Bend Middle School	5	86%	0%	0%	92%	0%	0%	0%	2%
	6	91%	0%	0%	92%	0%	0%	0%	1%
	7	88%	0%	0%	94%	0%	0%	0%	1%
	8	88%	0%	0%	93%	0%	0%	0%	0%
Bryce Canyon Elementary School	0	54%	0%	0%	68%	0%	0%	1%	1%
	1	45%	0%	0%	68%	0%	0%	0%	15%
	2	49%	0%	0%	61%	0%	0%	0%	4%
	3	72%	0%	0%	85%	0%	0%	0%	3%
	4	84%	0%	0%	88%	0%	0%	0%	2%

24 items selected · SUM of Measure Values: 4,5191
 Acadia High School

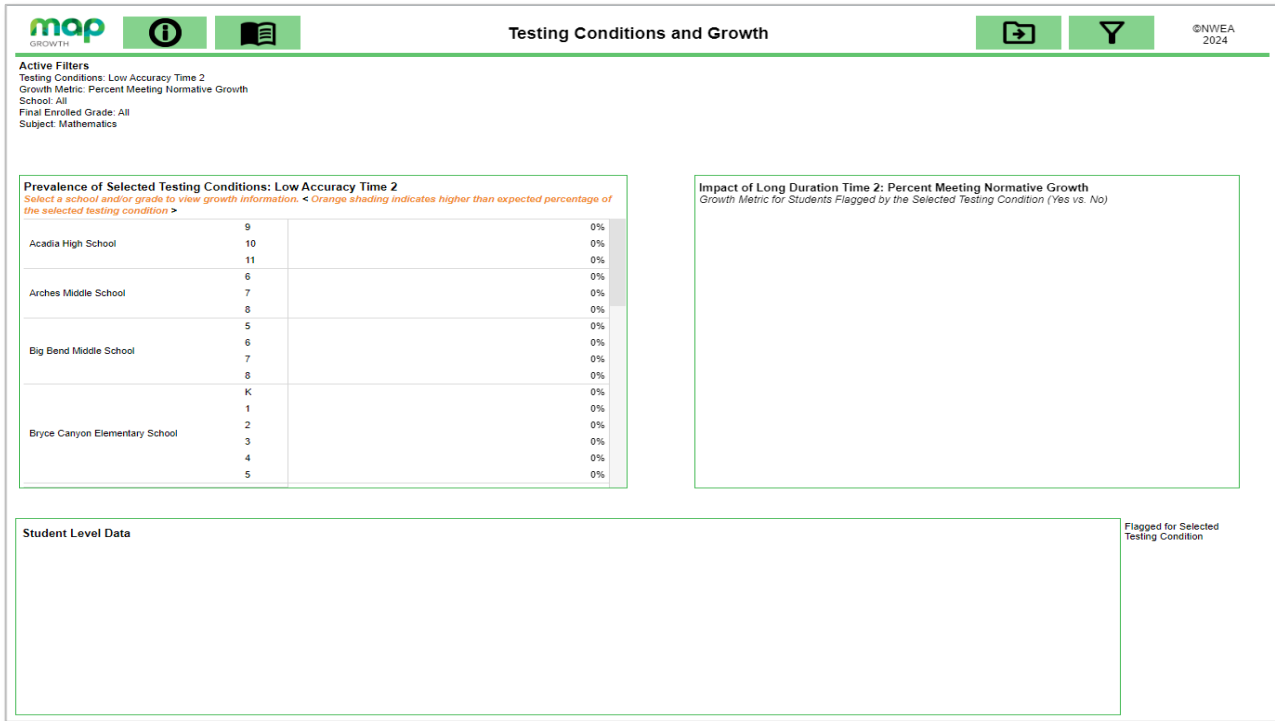
Average Test Durations at Times 1 and 2
 School: Acadia High School

		Avg. term_1_dur	Avg. term_2_dur
Acadia High School	9	17 minutes	17 minutes
	10	17 minutes	17 minutes
	11	17 minutes	17 minutes

Testing Conditions and Growth

The Test Conditions and Growth dashboard shows the potential impact of anomalous testing conditions on observed growth patterns for students within the school system. One can also drill down to view information about individual students' test events.

This worksheet shows an unusual test event at time 1 or 2 by school and grade. The additional visualizations show the impact of the unusual test event as well as a student-level summary of duration and growth.



Page Features– The page features orange coloring to represent higher percentages than expected. The second visualization uses colors to represent the difference in the selected growth metric for those test events that are beyond the cut points and therefore outside expectations. The color codes are displayed on the right side of the visualization.



Filters – The page contains filters to modify visualizations. Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.

Select Testing Conditions
 Low Accuracy Time 2

Select a Growth Metric
 Percent Meeting Normative Growth

Select School(s)
 (All)

Select Final Enrolled Grade(s)
 (All)

Select Subject(s)
 Mathematics

The top filter displays data about a specific testing condition (unusual increase in test duration, unusual decrease in test duration, short duration time 1, short duration time 2, low accuracy time 1, low accuracy time 2, long duration time 1, or long duration time 2). The second filter displays the data using a specified growth metric (observed raw growth, growth index, aggregate CGI, median student growth percentile, or percent meeting normative growth). Additional filters can be applied to filter the data within the table visualization and include school(s), final enrolled grade(s), and subject(s).

Visualizations – The page contains three visualizations that show several impacts of testing conditions on various growth metrics. Selecting a row heading, column heading, or cell in the first visualization will display grade- and student-level data. The titles at the top of the visualizations will change depending on the selected testing condition and growth metric.

Prevalence of Selected Testing Conditions displays school level data, grouped by grade, showing the percentage of the selected testing condition by grade. The visualization will change depending on the testing condition; the title of the visualization will change depending on the selected testing condition. Filters can be used to examine or focus on specific schools, subjects, and final enrolled grades. Selecting a school or grade within a school will display the additional school- and student-specific visualizations.

Prevalence of Selected Testing Conditions: Long Duration Time 2
Select a school and/or grade to view growth information. < Orange shading indicates higher than expected percentage of the selected testing condition >

Acadia High School	9	0%
	10	0%
	11	0%
Arches Middle School	6	0%
	7	0%
	8	0%
Big Bend Middle School	5	0%
	6	0%
	7	0%
Bryce Canyon Elementary School	8	0%
	K	0%
	1	0%
	2	0%
	3	0%
	4	0%
	5	0%

Impact of Selected Testing Conditions displays grade-level data for the school or grade selected in the previous visualization showing the specified testing conditions and growth metrics. The table visualization shows of the impact of the selected testing conditions by showing the aggregated selected metric for test events within the cut points (no is represented by blue), beyond the cut points (yes is represented by orange), and for all students regardless of the cut points (black). Hovering over or selecting a cell will display the number of students and selected growth metric value.

Impact of Long Duration Time 2: Percent Meeting Normative Growth
Growth Metric for Students Flagged by the Selected Testing Condition (Yes vs. No)

	No	Overall
9	27.0%	27.0%
10	25.8%	25.8%
11	35.0%	35.0%

Student Level Data displays student-level data as selected by the first visualization (student name, final enrolled grade, average RIT 1, term 1 duration, average RIT 2, term 2 duration, and selected metric 1). Filters can be used to focus on specific subjects and grades.

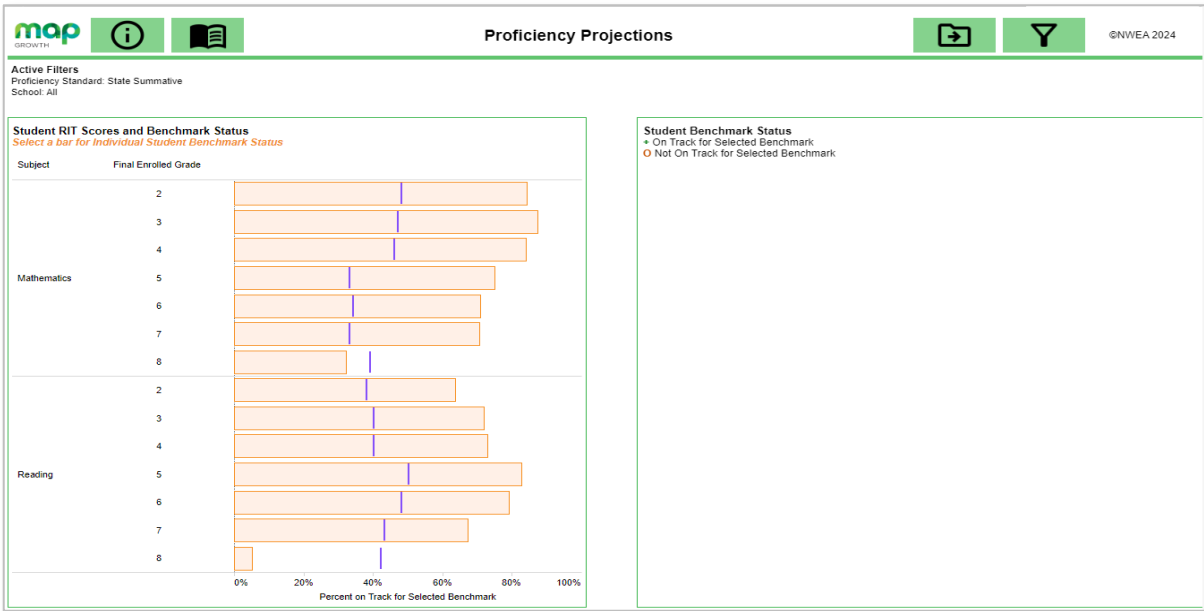
StudentName	Final Enrolled Grade	Avg. rit1	term_1_dur	Avg. rit2	term_2_dur	Metric 1
Allen, Cheryl	4	166	27.0	181	7.0	65.0
Armstrong, Nicholas	4	199	15.0	197	12.0	2.0
Barton, Jorge	4	192	24.0	203	16.0	49.0
Beck, Elsie	4	185	16.0	194	6.0	35.0
Bell, Sharon	4	207	13.0	214	21.0	28.0
Cohen, Carlos	4	191	6.0	207	10.0	75.0
Collins, Lyle	4	187	18.0	201	6.0	67.0
Delgado, Tiffany	4	197	10.0	207	15.0	44.0
Di...	4	173	0.0	170	8.0	35.0

Flagged for Selected Testing Condition
 No

Proficiency Projections

The Proficiency Projections dashboard shows the proportions of students projected to meet several selectable academic benchmarks.

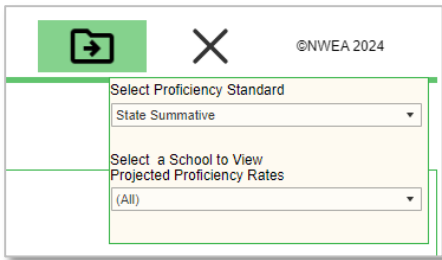
This worksheet shows the grade-level percentage of students who are on track to meet one of several optional user-selected achievement benchmarks, which include state summative proficiency standards, various ACT performance levels, and SAT’s college readiness benchmarks. Refer to NWEA linking study documents for more information on how these estimates are computed.



Page Features – The page features coloring coding to represent selected proficiency projections; orange projects “on track for proficiency” on the state test.



Filters – The page contains filters to modify visualizations by school(s). The filters are displayed at the top of the visualization page. Display the filters by clicking on the Filter “Vertical Container” icon on the left side of the header.



Select a Bar at Left to View Student RIT Scores and Benchmark Status

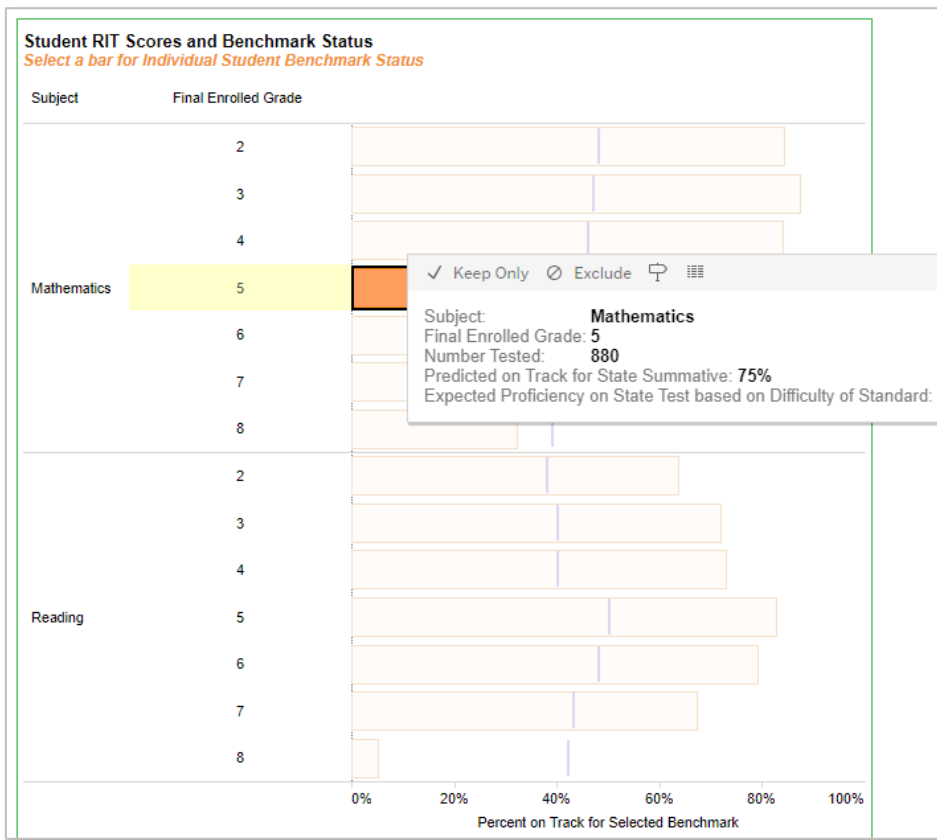
✓ On Track for Selected Benchmark
 ✗ Not On Track for Selected Benchmark

Name...	Mathematics	
4828 4828	✓	245
7018 7018	✓	245
1453 1453	✓	244
11762 11762	✓	243

Visualizations – The page contains visualizations that show the projected proportions of students that are “on track for proficiency” on state summative tests or for selected College Readiness Benchmarks at the grade- and student-level.

Projected Proficiency displays grade-level percentages, by subject, outlining “on track for proficiency” on the state test or on the selected College Readiness Benchmark, depending on which option is selected by the user. The orange horizontal bars indicate the proportions of students within that grouping who are projected to be on track for the selected benchmark. When the State summative test is selected as the desired benchmark, the orange bars also display purple “cross hatches” that express the proportion of same- grade US students that would be expected to meet/exceed that benchmark, based on NWEA norms. For example, a benchmark that is set at the 60th percentile for achievement is one that 40% of same-grade US students would meet. This information is useful as additional context when interpreting proficiency rates since states tend not to set the proficiency standards at differential levels of difficulty by grade.

Hovering over or selecting a cell will display the final enrolled grade, subject, number of students tested, and the percentage of students predicted to be on track to achieve the specified benchmark.



“Clicking” on one of the horizontal orange bars causes a second visualization to appear to the immediate right, which lists individual student scores summarized by that bar, and whether each observed score is currently on track (denoted by a plus sign) or not on track (denoted by an O), along with their most recent observed score for the selected subject.

Frequently Asked Questions about Growth Reports

Can you evaluate student growth on Special Education and/or English Language Learner status?

Students' ELL or Special Education status is not regularly tracked or recorded within NWEA's Growth Research Database, so we cannot evaluate growth on those variables.

Why are classroom reports not included?

Classroom reports are not currently included in Growth Reports because they are available within the standard suite of reports provided to all NWEA users. However, we are continually examining ways to improve the value and utility of these reports, so it is possible that classroom reports may be included in a future release.

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