

User's Guide to Interpreting Reports

Wisconsin Forward Exam

Spring 2024

July 19, 2024



CONTENTS

PURPOSE OF THIS GUIDE	1
FORWARD EXAM REPORTS	1
About The Forward Exam	1
About the DRC INSIGHT Portal and the Wisconsin Forward Exam Reporting System	1
FORWARD EXAM SCORE INTERPRETATION	2
Forward Exam Scale Scores.....	2
Forward Exam Performance Levels and Performance Ranges.....	2
Forward Exam Reporting Categories	4
Norm-Referenced Score Interpretation	9
ACCESSING AND USING THE DRC INSIGHT PORTAL REPORTS AND WISCONSIN FORWARD EXAM REPORTING SYSTEM	10
Accessing Wisconsin Forward Exam Reporting System	10
Role Permissions	10
INDIVIDUAL STUDENT REPORTS	12
About Individual Student Reports	12
Accessing DRC INSIGHT Portal Reports (ISRs)	12
Accessing Individual Student Reports.....	12
Sample Individual Student Report	13
Page 1, Grade 8 ISR.....	13
Page 2, Grade 8 ISR.....	14
Page 3, Grade 8 ISR.....	15
Page 4, Grade 8 ISR.....	16
INTERACTIVE REPORTS	17
Interactive Roster Report.....	17
Using the Student Roster Report to Improve Learning	20
Interactive Subject Summary Report.....	21
Using the Interactive Subject Summary Report to Improve Learning.....	23
Interactive Reporting Category Summary Report.....	24
Using the Interactive Reporting Category Summary Report to Improve Learning.....	27
Interactive Demographic Summary Report	28
HELP DESK	32
Forward Exam DRC Help Desk.....	32
Department of Public Instruction Contacts	32

PURPOSE OF THIS GUIDE

This guide was developed to help district and school staff access, understand, explain, and interpret the results of the Wisconsin Forward Exam. This document highlights the types of scores and various reports associated with the assessment. To use assessment information effectively, it is essential that educators understand the information in these reports.

FORWARD EXAM REPORTS

About The Forward Exam

The Forward Exam is Wisconsin's customized large-scale, criterion-referenced, standardized assessment. As a standardized assessment, the Forward Exam is administered through the use of uniform directions, materials, and testing conditions for all test takers. The Forward Exam is aligned to the Wisconsin Academic Standards and measures student performance in relation to those standards.

The Forward Exam assesses the content areas of English language arts (ELA), mathematics, science, and social studies. Each content-area assessment is presented in multiple testing sessions that may be administered in any order.

English Language Arts (ELA): The ELA portion of the Forward Exam uses a wide range of text types to assess students in the areas of reading and writing/language and is divided into three sessions that may be completed in any order. The ELA exam has a range of item types. There are four types of selected response items on the ELA exam including multiple choice, multi-select, technology-enhanced, and evidence-based selected response. These items are worth 1–2 points each and are auto-scored. There are also two short-write tasks that are worth 3 points each. These items are hand scored for Spring 2024.

Mathematics: The mathematics portion of the Forward Exam contains a variety of item types that include multiple choice, multi-select, technology-enhanced, and short answer items. The mathematics exam is divided into two sessions. One of the sessions for grades 6–8 allows for the use of a calculator. All items appearing in the mathematics portion of the Forward Exam are worth one point and are auto-scored.

Social Studies: The social studies portion of the Forward Exam is divided into two sessions and consists of multiple choice, multi-select, technology-enhanced, and evidence-based selected response items. All social studies items are worth one point each and are auto-scored.

Science: The science portion of the Forward Exam is divided into three sessions. The science exam includes multiple choice, multi-select, technology-enhanced, evidence-based selected response, and multi-part selected response item types. All science items are worth one point and are auto-scored.

For more information about item types, visit <http://dpi.wi.gov/assessment/forward/resources>.

There are three types of reports available. Individual Student Reports (ISRs), Interactive Student Roster Reports, and Interactive Summary Reports (Subject Summary, Reporting Category Summary, and Demographic Summary).

About the DRC INSIGHT Portal and the Wisconsin Forward Exam Reporting System

The Wisconsin Forward Exam Reporting System is a browser-based system that is designed to deliver online interactive reporting to authorized users at the state, district, and school levels for Wisconsin public schools and Choice program schools.

FORWARD EXAM SCORE INTERPRETATION

The Forward Exam yields criterion-referenced scores to convey information about student performance in relation to the Wisconsin Academic Standards. Criterion-referenced information in Forward Exam reporting includes subject level scale scores and performance levels and reporting category performance levels.

Forward Exam Scale Scores

A student's overall performance on the ELA, Mathematics, Science, and Social Studies assessments is reported as a scale score. Scale scores are also reported for Reading and Writing/Language based on a student's performance on the items measuring each of those domains on the ELA test. Scale scores represent the student's level of achievement, where higher scale scores indicate higher levels of performance on the test and lower scale scores indicate lower levels of performance. Scale scores can be compared for individual students and groups in a given grade and content area. The mean (or average) scale score for each grade and content area within a school or district can also be compared across years which allows for tracking academic achievement changes across cohorts of students. Evaluation of trends over time within a content area can help educational planning in a variety of ways.

Each content area is scaled separately; therefore, the scale scores for one content area cannot be compared to another content area. Scale scores for groups of students may be compared within and across grades for ELA and Mathematics, and within grades for Science and Social Studies. Scale scores can be compared over time for all content areas for which the assessment scores are reported on the same year-to-year scale. Science scale scores have been reported on the same scales since spring 2019, and Social Studies scale scores have been reported on the same scales since spring 2022. The Spring 2024 ELA and Mathematics assessments are new, based on the ELA Academic Standards from 2020 and Mathematics Academic Standards from 2021, and are reported on new content-specific scales for 2024. Results of ELA and Mathematics in 2024 are not directly comparable to prior years.

Scale scores are reported in both the Roster dashboard and in the Subject Summary dashboard in the DRC INSIGHT Portal. In the Roster dashboard, for the subject selected, you will find the scale score displayed in the row of data for each student reported. In the Subject Summary dashboard, the mean scale score is reported for a single grade based on the selected criteria for the group.

Forward Exam Performance Levels

Performance levels for the Forward Exam were established by Wisconsin educators and the State Superintendent of Public Instruction through a Bookmark Standard Setting. Standard Setting participants use Forward Exam content, Wisconsin Academic Standards, and other relevant data as well as their expertise in the classroom to determine what students should know and be able to do at each performance level in each subject and grade. New performance standards were set for English language arts and mathematics in June 2024. Performance standards for social studies were set in May 2022, and for Science in May 2019.

Detailed information about the standard setting process is available on the Forward Exam Resources page at: <http://dpi.wi.gov/assessment/forward/resources>.

Performance levels and their corresponding scale score ranges reflect student achievement relative to the Wisconsin Academic Standards.

Table 1 provides general performance level descriptions of the Forward Exam.

Table 1. Performance Level Description

Performance Level	Description
Advanced	Student demonstrates a thorough understanding of the knowledge and skills described in the Wisconsin Academic Standards for their grade level and is on-track for future learning
Meeting	Student is meeting the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level and is on-track for future learning
Approaching	Student is approaching the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning
Developing	Student is at the beginning stages of developing the knowledge and skills described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning

Tables 2.1 through 2.4 provide performance categories and the cut score ranges for each performance level for each content area.

Table 2.1. English Language Arts Performance Ranges and Scale Scores

Grade	Developing		Approaching		Meeting		Advanced	
	Low	High	Low	High	Low	High	Low	High
3	1300	1510	1511	1559	1560	1621	1622	1840
4	1310	1531	1532	1580	1581	1645	1646	1850
5	1320	1548	1549	1598	1599	1657	1658	1860
6	1360	1569	1570	1612	1613	1670	1671	1900
7	1370	1571	1572	1622	1623	1695	1696	1970
8	1380	1586	1587	1640	1641	1714	1715	1990

Table 2.2. Mathematics Performance Ranges and Scale Scores

Grade	Developing		Approaching		Meeting		Advanced	
	Low	High	Low	High	Low	High	Low	High
3	1370	1505	1506	1547	1548	1596	1597	1740
4	1390	1528	1529	1575	1576	1624	1625	1760
5	1400	1557	1558	1597	1598	1640	1641	1780
6	1420	1582	1583	1618	1619	1655	1656	1800
7	1430	1589	1590	1632	1633	1683	1684	1840
8	1440	1602	1603	1652	1653	1700	1701	1860

Table 2.3. Social Studies Performance Ranges and Scale Scores

Grade	Developing		Approaching		Meeting		Advanced	
	Low	High	Low	High	Low	High	Low	High
4	330	460	461	490	491	536	537	700
8	540	661	662	692	693	733	734	860
10	645	769	770	804	805	836	837	980

Table 2.4. Science Performance Ranges and Scale Scores

Grade	Developing		Approaching		Meeting		Advanced	
	Low	High	Low	High	Low	High	Low	High
4	300	446	447	495	496	542	543	725
8	480	652	653	694	695	736	737	945

Forward Exam Domain Scores and Performance Levels

Starting in spring 2024, ELA Reading and Writing/Language domain scale scores and performance levels are reported for students who participated in the ELA assessment. The Reading scale scores are computed based on student performance on all items measuring Reading standards and the Writing/Language scale scores are computed based on student performance on all items measuring Writing or Language standards. The Reading and Writing/Language scale scores are on the same scale as the ELA total test scores, and the Reading and Writing/Language performance level ranges are the same as the ELA performance ranges (see Table 2.1). As such, the domain scale scores and performance levels can be interpreted in the same way as the total ELA test scores and performance levels.

Forward Exam Reporting Categories

A reporting category consists of a set of items measuring related knowledge, skills or concepts in a given content area, as specified in the Forward Exam blueprint and presented in Tables 4.1 through 4.4. Each reporting category in a given content area is expected to be measured by at least four items. Information about the students' performance on these items and related performance on other test items for the same content is used to calculate Progress scores.

Progress scores are an estimate of the number of items a student would be expected to answer correctly if there had been 100 similar items for a given reporting category. Based on their Progress scores, students are classified in one of the four reporting category performance levels: Developing, Approaching, Meeting, or Advanced. Descriptions of these performance levels are provided in Table 3. Progress performance levels can be interpreted as indicators of students' strengths and needs within a particular content area and grade level. Only the progress performance levels are reported in the INSIGHT Interactive Reports and on the Individual Student Reports (ISRs). The underlying Progress scores are reported in the GRF Data File. Detailed information on the Progress score computation and performance level determinations is provided in the *Wisconsin Forward Exam Technical Report* available at <http://dpi.wi.gov/assessment/forward/resources>.

The Progress performance levels and the underlying Progress scores are computed based on a student's performance on the test questions in a given reporting category while taking into consideration the student's overall ability (total test scale score). It is possible that the student's performance level on the test may not be the same as the Progress level on one or more reporting categories. This scenario may happen when the student's performance is not consistent across reporting categories or when the student's total test score or the reporting category Progress score is at or close to the cut score.

Table 3. Content Category Performance Level Description

Content Category Performance Level	Description
Advanced	Student demonstrates a thorough understanding of the knowledge and skills described in the Wisconsin Academic Standards for their grade level and is on-track for future learning
Meeting	Student is meeting the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level and is on-track for future learning
Approaching	Student is approaching the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning
Developing	Student is at the beginning stages of developing the knowledge and skills described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning

Reporting Category performance levels are established each year based on the subject area performance level cut scores and the relative difficulty of the test questions measuring the reporting category.

Tables 4.1–4.4 below identify the Spring 2024 Forward Exam blueprints for each content area.

Table 4.1. Spring 2024 English Language Arts Test Blueprints for Grades 3-8

Reporting Category	Gr. 3 Point Total	Gr. 4 Point Total	Gr. 5 Point Total	Gr. 6 Point Total	Gr. 7 Point Total	Gr. 8 Point Total
Reading						
Key Ideas and Details	11	12	11	10	11	11
Craft and Structure/ Integration of Knowledge	7	8	9	8	9	9
Vocabulary Use	6	4	4	6	4	5
Written/Language						
Text Types and Purposes	14	17	17	17	18	18
Inquiry to Build and Present Knowledge	8	5	5	4	4	4
Language Conventions	6	6	6	6	6	6
ELA Points Total	52	52	52	51	52	53

Table 4.2. Spring 2024 Mathematics Test Blueprints for Grades 3-8

Points Possible per Reporting Category	Reporting Categories
Grade 3 (44 points total)	
14	Operations and Algebraic Thinking
5	Number and Operations in Base Ten
9	Number and Operations – Fractions
11	Measurement and Data
5	Geometry
Grade 4 (48 points total)	
11	Operations and Algebraic Thinking
11	Number and Operations in Base Ten
14	Number and Operations – Fractions
7	Measurement and Data
5	Geometry
Grade 5 (48 points total)	
5	Operations and Algebraic Thinking
14	Number and Operations in Base Ten
14	Number and Operations – Fractions
10	Measurement and Data
5	Geometry
Grade 6 (48 Points Total)	
11	Ratios and Proportional Relationships
12	The Number System
14	Expressions and Equations
6	Geometry
5	Statistics and Probability
Grade 7 (48 Points Total)	
11	Ratios and Proportional Relationships
11	The Number System
11	Expressions and Equations
7	Geometry
8	Statistics and Probability

Table 4.2 (continued). Spring 2024 Mathematics Test Blueprints for Grades 3-8

Points Possible per Reporting Category	Reporting Categories
Grade 8 (48 points total)	
5	The Number System
14	Expressions and Equations
11	Functions
11	Geometry
7	Statistics and Probability

Table 4.3. Spring 2024 Social Studies Test Blueprints for Grades 4, 8, and 10

Reporting Category	Points per Reporting Category		
	Grade 4	Grade 8	Grade 10
Behavioral Sciences	6	6	7
Economics	8	8	7
Geography	11	10	9
History	8	8	9
Political Science and Citizenship	7	8	8
Social Studies Points Total	40	40	40

Table 4.4. Spring 2024 Science Test Blueprints for Grades 4 and 8

Reporting Category	Points per Reporting Category	
	Grade 4	Grade 8
Practices and Crosscutting Concepts in Life Science	12	11
Practices and Crosscutting Concepts in Physical Science	10	11
Practices and Crosscutting Concepts in Earth and Space Science	10	10
Practices and Crosscutting Concepts in Engineering	8	8
Science Points Total	40	40

Norm-Referenced Score Interpretation

Norm-referenced score interpretations provide information that compares the students' achievement with that of a larger reference group. The reference group used for computation of the norm-reference scores is all students tested on the Forward Exam statewide. Norm-referenced scores for the Forward Exam are presented on the Individual Student Reports (ISR) as a State Percentile.

The State Percentile is a ranking of an individual student's results relative to the results of other test takers in the state. For example, a student who scored at the 82nd percentile had a score that was equal to or better than 82% of the scores of all students in Wisconsin who took the same test. A lower percentile might still indicate proficiency if the majority of students in that grade level are meeting expectations.

ACCESSING AND USING THE DRC INSIGHT PORTAL REPORTS AND WISCONSIN FORWARD EXAM REPORTING SYSTEM

Accessing Wisconsin Forward Exam Reporting System

All users will access the Reporting System through the DRC INSIGHT Portal at <https://wi.drctdirect.com/>.

A user name and password are required to log in to the portal.

The screenshot shows the DRC INSIGHT Portal's sign-in interface. On the left, a white sign-in box contains the DRC INSIGHT logo, the text 'Sign In', and two input fields: 'Username*' and 'Password*'. The password field includes a 'Show Text' checkbox. Below the fields is a blue 'Sign in' button and a 'Forgot your password?' link. The right side of the page has a dark background with white text. It starts with a 'Welcome to the DRC INSIGHT Portal' heading, followed by a welcome message from Data Recognition Corporation (DRC) and a brief description of the portal's purpose. Below this is contact information for the 'WI Forward Help Desk', including the phone number 1.800.459.6530 and the email address WIHelpDesk@datarecognitioncorp.com. A section titled 'Access to Forward Exam Practice Test and Forward Exam Student and Administrator Tutorial Videos' provides a link to the tutorial videos and notes that Google Chrome is the only supported browser. The footer contains the copyright notice '© DRC Insight 2024' and links for 'Contact Us', 'Terms of Use', 'Privacy Policy', and 'Browser Requirements'. The DRC logo is also present in the bottom right corner.

Role Permissions

User accounts grant a specific level of access. School level users have access to view only their school data and district level users can only view schools within their district. This allows the district user the ability to see all pertinent information about the schools within their district. All DRC INSIGHT Portal permissions needed to access ISRs in the portal as well as Forward Exam Reporting System summary reports at the school or district levels are included in the District Report User and School Report User permission sets, respectively (see figure 1 below). All report permissions are already included in District Assessment Coordinator (DAC) and School Assessment Coordinator (SAC) permission sets. Step-by-step information on how to assign permissions can be found in the DRC INSIGHT Portal User Guide.

Permission to access student data should only be provided to authorized personnel (i.e., specific staff responsible for the student's education), and must be consistent with local policies and adhere to federal and state student data privacy laws.

Figure 1. Example of School Report User Permission Set

DRC INSIGHT WISCONSIN USER MANAGEMENT

User Administration

Edit User | Add Single User | Upload Multiple Users

* Indicates required fields

First Name * Middle Initial Last Name *

Email Address *

Administration: Wisconsin Forward Exam Spr * User Role: School *

District: DRC USE ONLY - SAMPLE DIS * School: DRC USE ONLY - eDIRECT SA *

Permission-set: School Report User

Tip: When you select a permission, its description will display below the list

Available Permissions	Assigned Permissions
	Documents - View
	DRC IRS - Access
	DRC IRS - School
	Reports - View School Files
	Students - Download Students
	Students - Search/View
	Test Session - Search/View
	Test Session - Status Summary
	Test Setup - Primary Window
	Test Tickets - View Questions Attempter

To see the description, select a permission

Save

INDIVIDUAL STUDENT REPORTS

Individual Student Reports (ISRs) will be mailed in hard copy to each district by August 27, 2024. These documents will be packaged by school. Two copies will be provided—one copy for the school to retain and one to be sent home to parents/guardians. Districts should share ISRs with parents/guardians as soon as possible after receipt, either in hard copy or via the district secure parent portal.

About Individual Student Reports

ISRs will be available as PDFs in the DRC INSIGHT Portal (see sample ISR beginning on page 13 of this guide). Files will be broken out by grade level (and school), and each grade level file will be inclusive of all students with at least one completed test for that grade. District level users will also have access to a single file that contains all students in all tested grades for all schools within the district. Please be aware that this file can be large and download times will vary. School level users will have access to all tested grade levels at the school.

Accessing DRC INSIGHT Portal Reports (ISRs)

After logging into the DRC INSIGHT Portal, the **Report Delivery** menu appears under the **Scoring and Reporting** subheading in the My Applications drop-down menu at the top of the screen. Select **View Reports**.

The screenshot shows the DRC INSIGHT Portal interface. At the top, there is a navigation bar with the DRC INSIGHT logo, 'WISCONSIN', and a 'REPORT DELIVERY' dropdown menu. Below this is a sub-navigation bar with tabs for 'Report Delivery', 'Manage Reports', 'Online Testing Statistics', 'Status Reports', and 'View Reports'. The 'View Reports' tab is selected. The main content area is titled 'View Reports' and includes an 'Administration' dropdown set to 'Wisconsin Forward Exam Spring 20'. Below this are three dropdown menus for 'District' (set to 'DRC USE ONLY - SAMP'), 'School' (set to 'DRC USE ONLY - eDIRE'), and 'Report' (set to '(All)'). There are two buttons: 'Show Reports' and 'Download Reports'. Below the filters is a table header with columns: Administration, Report, Title, District, School, Date, and Action. A message at the bottom of the page reads: 'Choose from the above filters and click on 'Show Reports' to view matching 'Reports''.

Accessing Individual Student Reports

ISRs will be available in the DRC INSIGHT Portal after secure login. All users requiring access to ISRs must have the following permissions assigned in the portal:

- Reports—View District Files (for District level ISRs)
- Reports—View School Files (for School level ISRs)

Refer to the DRC INSIGHT Portal User Guide for more information on assigning permissions in the portal.

Reports will be provided in three versions:

- One file per school/grade (for District and School roles)
- One file per district (for District roles)
- A zipped folder with separate ISRs (for District roles)



Wisconsin Forward Exam Student Report

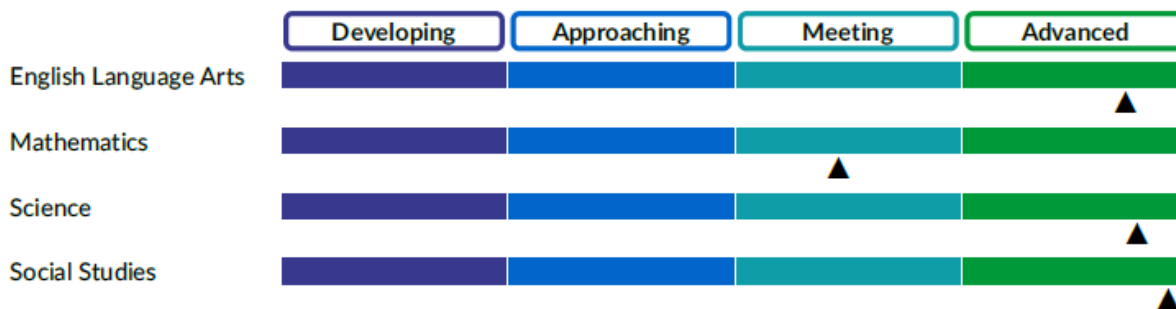
Student Name: Student, Name
Local Student ID: 1234567890
Date of Birth: 04/04/2010

School: Sample School
District: Sample District
Grade: 8
Test Date: Spring 2024

About the Wisconsin Forward Exam

The Wisconsin Forward Exam is administered online in the spring of each school year to students in grades 3-8 in English language arts (ELA) and Mathematics, grades 4 and 8 in Science, and grades 4, 8, and 10 in Social Studies. The Forward Exam is aligned to the Wisconsin Academic Standards and is designed to gauge how well students are doing in relation to those standards. The Forward Exam provides one measure of achievement and should be used in conjunction with other measures to provide a full picture of your student's learning.

How Did My Student Perform?



What Does My Student's Performance Level Mean?

The four performance levels are defined below. Levels "Meeting" and "Advanced" are the state targets for all students.

Developing	Approaching	Meeting	Advanced
The student is at the beginning stages of developing the knowledge and skills described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning.	The student is approaching the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level needed to be on-track for future learning.	The student is meeting the knowledge and skill expectations described in the Wisconsin Academic Standards for their grade level and is on-track for future learning.	The student demonstrates a thorough understanding of the knowledge and skills described in the Wisconsin Academic Standards for their grade level and is on-track for future learning.

How Does My Student's Score Compare with Other Students?

Content Area	Your Student's Percentile Rank
ELA	92
Mathematics	80
Science	94
Social Studies	98

A percentile rank compares your student's score on the Forward Exam to other students' Forward Exam scores across the state. Percentile ranks range from 1 to 99, with 99 being the highest. The rank is the percentage of students who scored the same as or below your student's score.

What is a Scale Score?

A scale score is a numeric score that is used for measuring achievement of a student or group of students within a subject area. Separate scales are established for each subject and cannot be compared between subject areas.

What do the Progress Stars Mean?

★	Developing Knowledge and Skills
★★	Approaching Knowledge and Skills Expectations
★★★	Meeting Knowledge and Skills Expectations
★★★★	Advanced Knowledge and Skills

Progress Stars are based on the number of questions the student has answered correctly in the reporting category, the difficulty of those questions, and the student's overall performance on the test.



How Did My Student Score in English Language Arts (ELA)?

Student Performance in ELA – The student was offered accommodations or supports for ELA.

ELA Scale Score Ranges		Developing	Approaching	Meeting	Advanced
		1380 - 1586	1587 - 1640	1641 - 1714	1715 - 1990
Performance Level	Scale Score	If this student were to test again under similar circumstances, the student's score would likely remain in the following range: 1885 - 1915.			
Advanced	1900				

Reading Subcategory Performance

Performance Level	Scale Score	Reporting Category	Progress
Meeting	1695	Key Ideas and Details	★★★
		Craft and Structure/Integration of Knowledge and Ideas	★★★
		Vocabulary Use	★★★★

Writing/Language Arts Subcategory Performance

Performance Level	Scale Score	Reporting Category	Progress
Advanced	1950	Text Types and Purposes/Production and Distribution of Writing	★★★★
		Inquiry to Build and Present Knowledge	★★★★
		Language Conventions	★★★

For information about what your student should know and be able to do for their grade level in English language arts (ELA), refer to the Wisconsin Standards for ELA (2020) available at <https://dpi.wi.gov/standards>. Reach out to your student's teacher or school to learn more about their overall achievement.



How Did My Student Score in Mathematics?

Student Performance in Mathematics –The student was offered accommodations or supports for Mathematics.

Mathematics Scale Score Ranges		Developing	Approaching	Meeting	Advanced
		1440 - 1602	1603 - 1652	1653 - 1700	1701 - 1860
Performance Level	Scale Score	If this student were to test again under similar circumstances, the student's score would likely remain in the following range: 1677 - 1707.			
Meeting	1692				

Reporting Category	Progress	As described in the Wisconsin Standards for Mathematics, the Forward Exam asks students to use Mathematical Practices in combination with content knowledge to demonstrate proficiency in these reporting categories.
Geometry	★★★	
The Number System	★★★	
Expressions and Equations	★★	
Statistics and Probability	★★★	
Functions	★★★★	

For information about what your student should know and be able to do for their grade level in Mathematics, refer to the Wisconsin Standards for Mathematics (2021) available at <https://dpi.wi.gov/standards>. Reach out to your student's teacher or school to learn more about their overall achievement.



How Did My Student Score in Science?

Student Performance in Science –The student was offered accommodations or supports for Science.

Science Scale Score Ranges		Developing	Approaching	Meeting	Advanced
		480 - 652	653 - 694	695 - 736	737 - 945
Performance Level	Scale Score	If this student were to test again under similar circumstances, the student's score would likely remain in the following range: 885 - 915.			
Advanced	900				

Reporting Category	Progress	As described in the 3-dimensional Wisconsin Standards for Science, the Forward Exam asks students to use Science and Engineering Practices and Crosscutting Concepts in combination with content knowledge to demonstrate proficiency in these reporting categories.
Life Science	★★★★	
Physical Science	★★★	
Earth and Space Science	★★★★	
Engineering, Technology, and the Application of Science	★★★★	

For information about what your student should know and be able to do for their grade level in Science, refer to the Wisconsin Standards for Science available at <https://dpi.wi.gov/standards>. Reach out to your student's teacher or school to learn more about their overall achievement.



How Did My Student Score in Social Studies?

Student Performance in Social Studies – The student was offered accommodations or supports for Social Studies.

Social Studies Scale Score Ranges	Developing	Approaching	Meeting	Advanced
	540 - 661	662 - 692	693 - 733	734 - 860

Performance Level	Scale Score	
Advanced	850	If this student were to test again under similar circumstances, the student's score would likely remain in the following range: 835 - 860.

Reporting Category	Progress	
Behavioral Sciences	★★★★	As described in the Wisconsin Standards for Social Studies, the Forward Exam asks students to use Inquiry Practices and Processes in combination with content knowledge to demonstrate proficiency in these reporting categories.
Economics	★★★★	
Geography	★★★★	
History	★★★★	
Political Science and Citizenship	★★★★	

For information about what your student should know and be able to do for their grade level in Social Studies, refer to the Wisconsin Standards for Social Studies available at <https://dpi.wi.gov/standards>. Reach out to your student's teacher or school to learn more about their overall achievement.

INTERACTIVE REPORTS

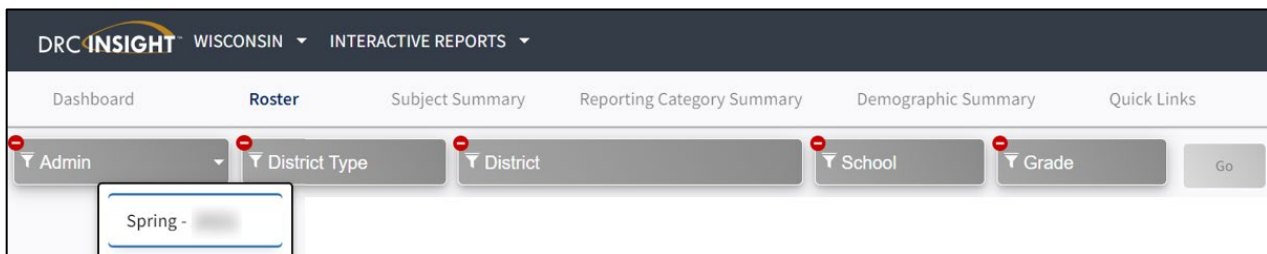
Interactive Roster Report

The **Interactive Roster** report provides a list of student scores for the school and grade selected. There is a separate table for each applicable subject based on the selections. Each table contains the Student's Name, Local ID, Subject Scale Score, Subject Performance Level, and Reporting Category Performance Level.

To access the **Interactive Roster** report, select the **Roster** tab from within the Interactive Reports menu.

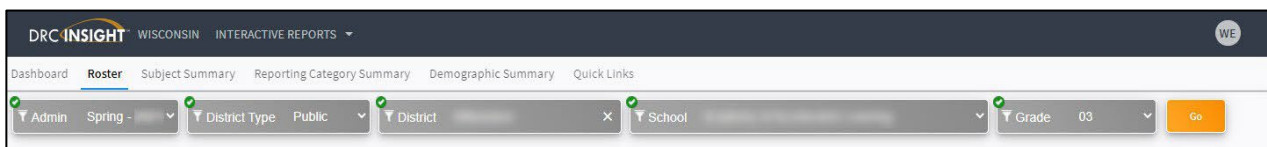


Upon selecting the **Roster** tab, a set of filters appear. Click in the **Admin** filter and select the test administration that corresponds to the roster you wish to view:

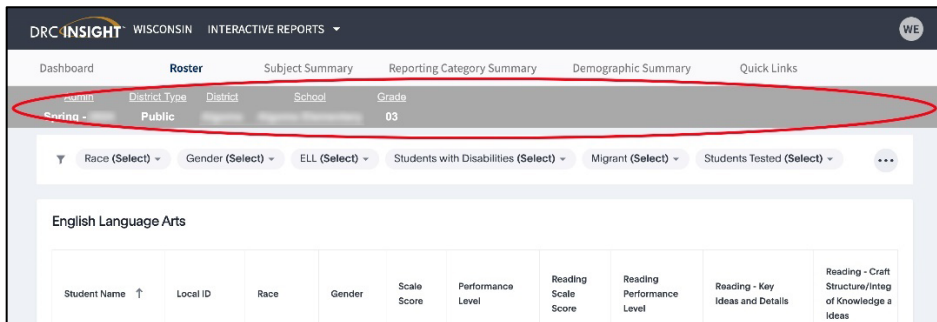


Complete the remaining filters as appropriate based on the data being viewed.

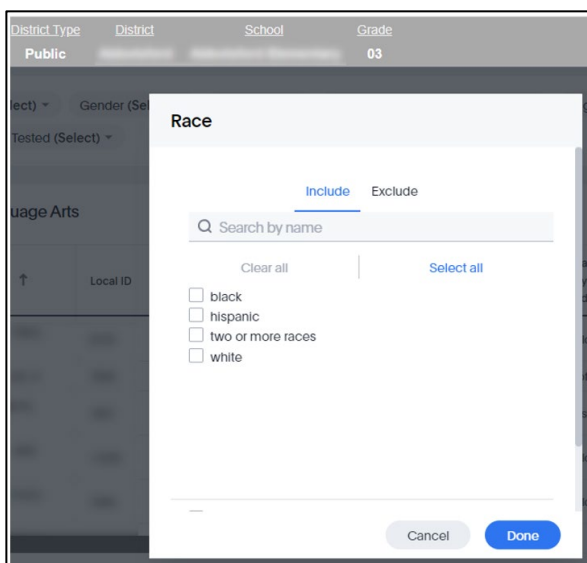
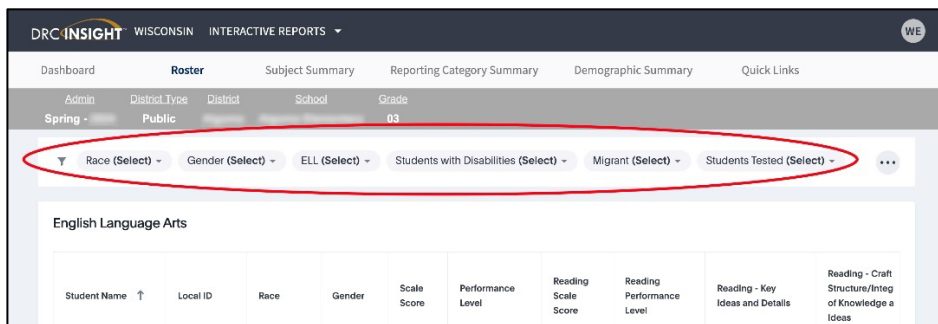
When all filters have been completed, the **Go** button is enabled. Click **Go** to load the specified **Interactive Roster** report.



NOTE: When the report loads, the filters are replaced by a **solid gray ribbon** displaying the selected values to retain context for the data. To reactivate the filters and change selections, **click anywhere in the gray ribbon**.



After the report loads the User can work with the data further from a set of **secondary filters**. Each filter will open a new modal where one or more values can be selected.



Additionally, there are options to **sort, filter, and take other action** from each of the **column headers** in the roster table:

English Language Arts

Student Name ↑	Local ID	Race	Gender	Scale Score	Performance Level	Reading - Craft or Structure/Integration of Knowledge and Ideas	Reading - Key Ideas and Details	Reading - Craft or Structure/Integration of Knowledge and Ideas
		Two or more races	Female	1553	Approaching	1592	Meeting	Meeting
		White	Female	1608	Meeting	1593	Meeting	Meeting

When changes are made locally to the report, (e.g. removing a column) a **blue arrow** appears in the **lower right corner** of the report. Clicking the blue arrow will **reset the report** to what was displayed when the report loaded originally.

1565	Meeting	1586	Meeting	Meeting	Meeting	1533
1638	Advanced	1710	Advanced	Advanced	Advanced	1607

The Interactive Roster report can be **downloaded in multiple formats**, specifically **PDF, CSV, or XLSX**. The download options are accessed from the ellipses in the upper right corner of the report:

Reading Performance Level	Reading - Key Ideas and Details	Reading - Craft or Structure/Integration of Knowledge and Ideas	Reading - Craft or Structure/Integration of Knowledge and Ideas
Meeting	Meeting	Meeting	Meeting
Advanced	Advanced	Meeting	Meeting
Meeting	Meeting	Meeting	Meeting

The **Interactive Roster** displays 50 rows on screen. The report **indicates the number of records** in the table by a display in the **lower left corner**:

		White	Male	1567	Approaching	1567
--	--	-------	------	------	-------------	------

37 rows total

NOTE: All of the **matching records are loaded in the report**, even if the 50-row limit is reached, meaning the User can still filter, sort, and work with the data in the report even if it does not appear on screen by default. Any of the Download options (CSV; XLSX; PDF) will include **all data/rows**.

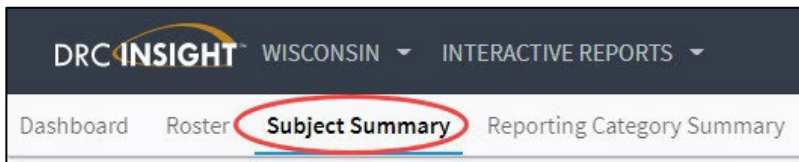
Using the Student Roster Report to Improve Learning

The Student Roster report results can help district-level educators assess their district's grade level and individual student strengths for each subject and reporting category. The subject-area performance level and scale score achieved indicate how well a student mastered each key learning objective and those which need improvement. For the subject area selected, each reporting category indicates the performance level for that objective as either Advanced, Meeting, Approaching, or Developing. For students assigned a reason not tested, the subject-area performance-level field will indicate Not Tested and the scale score will be blank. Report filters can be used to aggregate groups of students or identify individual students in various demographic sub-groups. The ability to sort on certain fields in the roster table, such as Scale Score, can display the students based on the selected criteria, in highest to lowest scale score order.

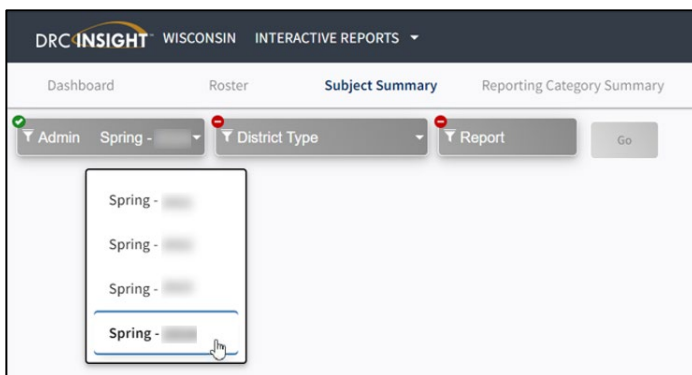
Interactive Subject Summary Report

The **Interactive Subject Summary** provides at-a-glance comparison of State, District, and School scores for the site(s), grade, and subject selected. Two stacked column charts provide a side-by-side summary State & District performance compared to the School(s) performance. A bar graph of the Mean Scale Score for State, District, and Schools is provided for additional context. A Summary table includes the Number of Students Tested, the Mean Scale Score, and the percentage in each Performance Level for the site(s), grade, and subject selected.

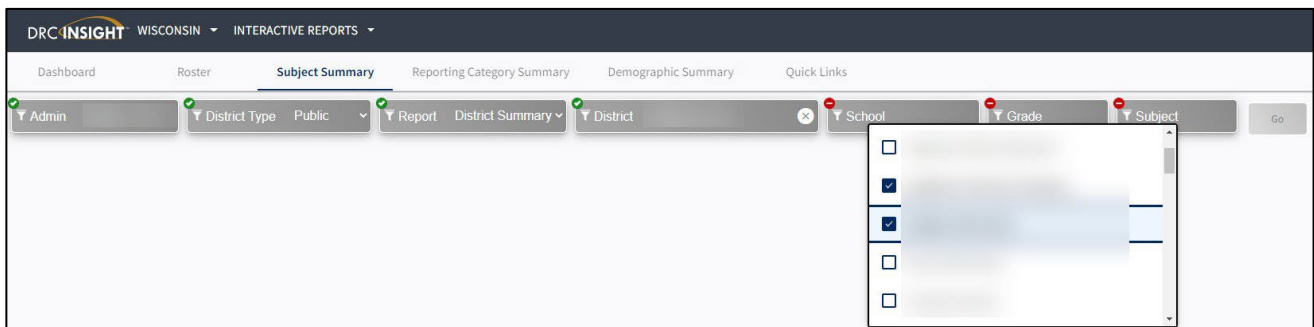
To access the **Interactive Subject Summary** report, select the **Subject Summary** tab from within the Interactive Reporting menu:



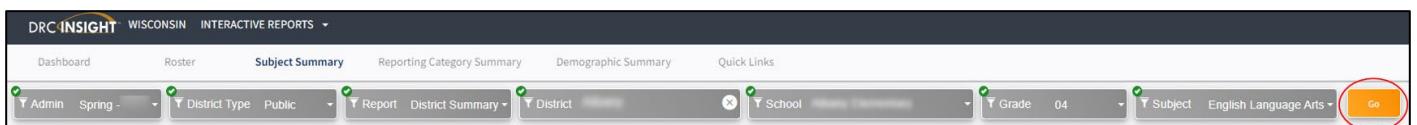
Upon selecting the **Subject Summary** tab, a set of filters appear. Click in the **Admin** filter and select the test administration that corresponds to the subject summary you wish to view:



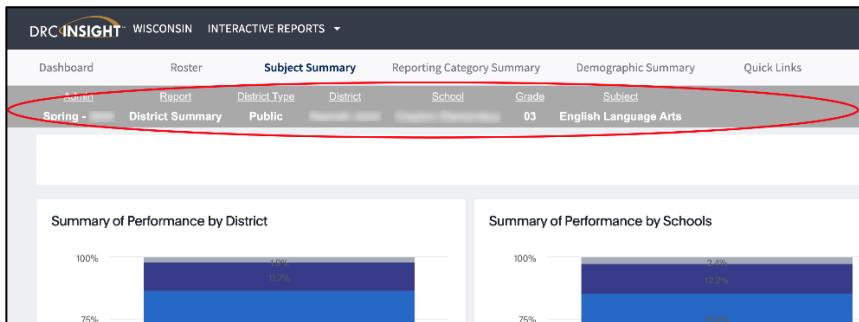
Complete the remaining filters as appropriate based on the data being viewed. **NOTE:** The **School** filter allows for more than one School to be selected by checking the box next to the School:



When all filters have been completed, the **Go** button is enabled. Click **Go** to load the specified **Interactive Subject Summary** report.

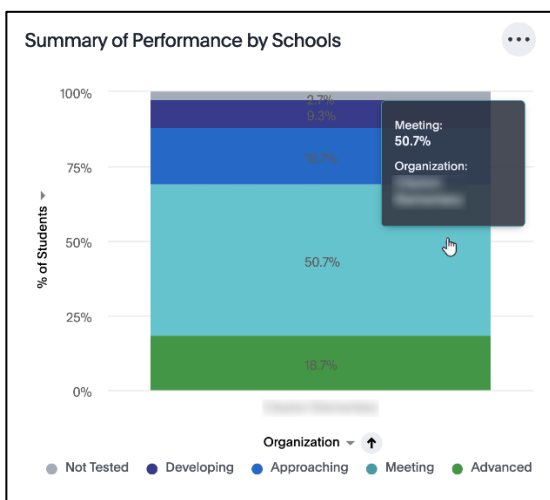


NOTE: When the report loads, the filters are replaced by a **solid gray ribbon** displaying the selected values to retain context for the data. To reactivate the filters and change selections, **click anywhere in the gray ribbon**.

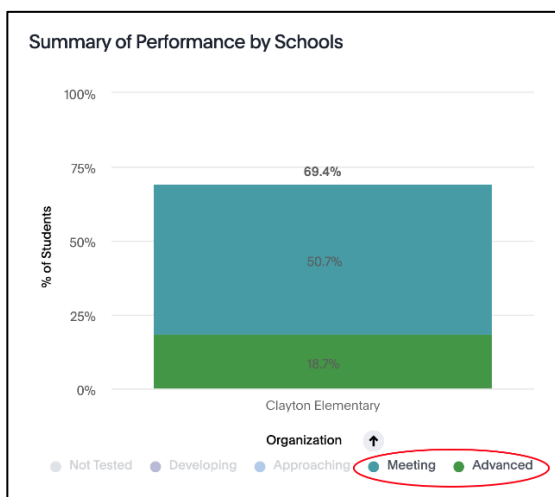


After the report loads, the User can work with the data further by interacting with the charts and tables on the **Interactive Subject Summary** dashboard. The following highlights **several of the interactions** based on the chart type and data included.

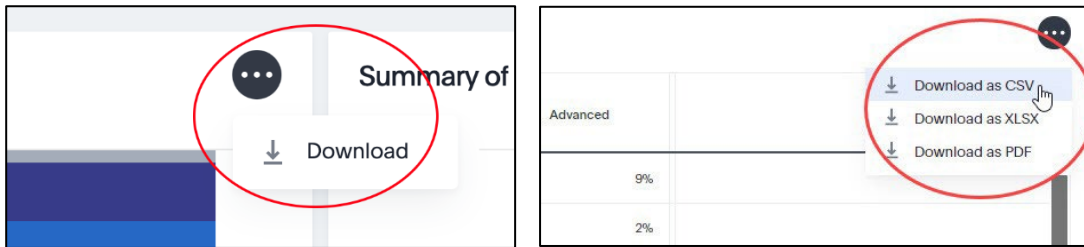
Hover/mouse over a data point to see additional detail.



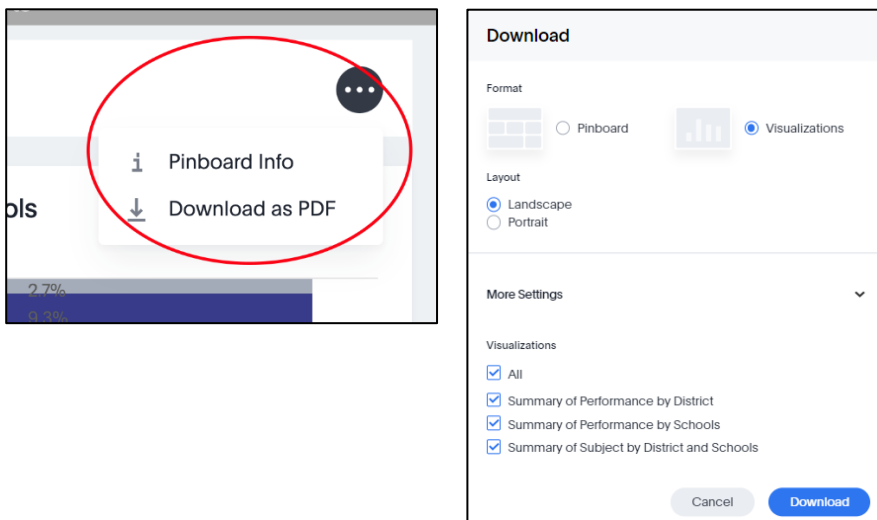
The data displayed can be adjusted in charts with legends by **clicking or unclicking the corresponding color and label name** in the legend:



Each of the **charts and tables** can be downloaded independently by **clicking on the ellipses in the upper right corner** of the visualization. Charts download as PNG files and tables have options to download as CSV, XLSX, or PDF:



The entire report can also be downloaded by selecting the **Download as PDF** option found by clicking the ellipses in the upper right corner of the report page. There are **additional options** to set the page orientation and select what is included in the output:



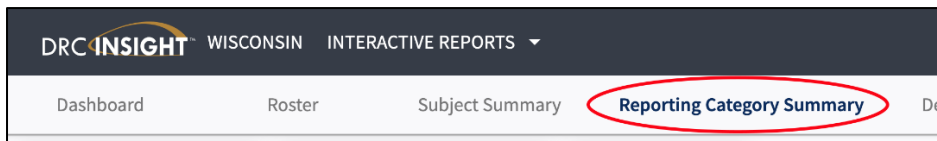
Using the Interactive Subject Summary Report to Improve Learning

The Interactive Subject Summary Report dashboard presents school-level educators with key information on how well their school performed on the Forward Exam. The school data, by grade and subject chosen, will display the number and percent of students in each performance level or not tested category. The school results are presented for comparison against the school's district and to the state. The Mean Scale Score is indicated for the school, school's district, and state for the subject and grade selected. This data is also presented within the two charts on the dashboard. A school user can collect specific data on certain groups by means of the report filter options, gathering these numbers and percentages for only student populations who meet the selected criteria. This data provides the school with a quick overview of how they compare within their district and to the state.

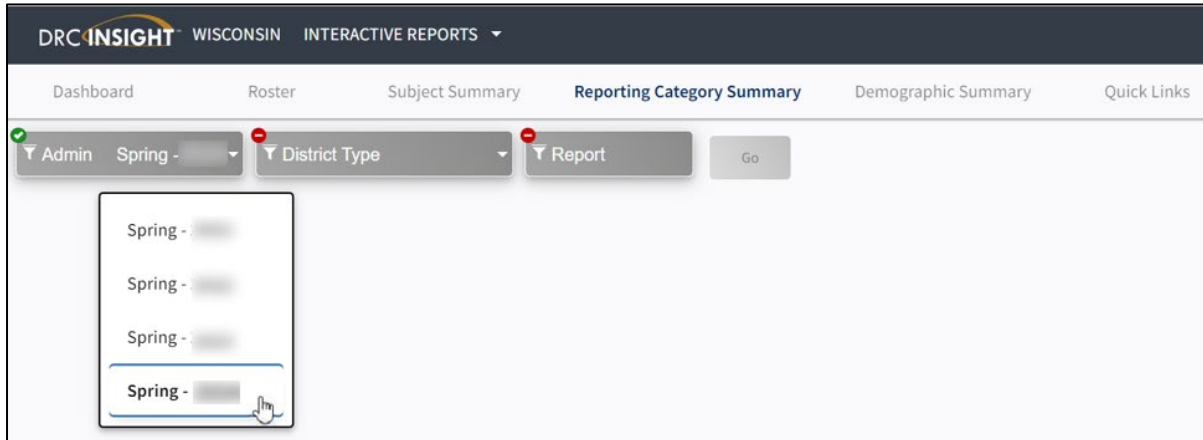
Interactive Reporting Category Summary Report

The **Interactive Reporting Category Summary** provides at-a-glance comparison of State, District, and School scores for the site(s), grade, subject and reporting category selected. Two stacked column charts provide a side-by-side summary of State & District performance compared to the School(s) performance. A Summary table includes the Number of Students Tested and the percentage in each Performance Level for the site(s), grade, subject, and reporting category selected.

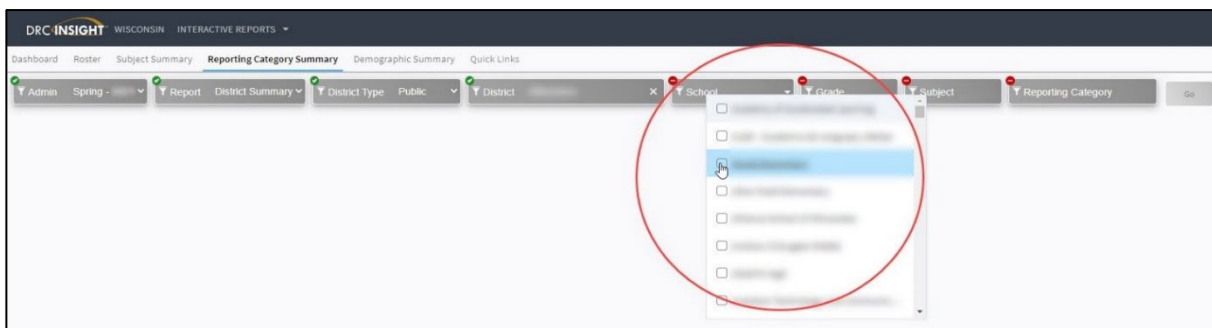
To access the **Interactive Reporting Category Summary** report, select the **Reporting Category Summary** tab from within the Interactive Reporting menu:



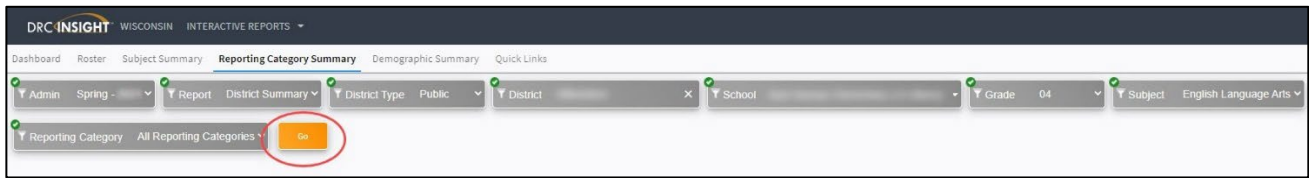
Upon selecting the **Reporting Category Summary** tab, a set of filters appear. Click in the **Admin** filter and select the test administration that corresponds to the reporting category summary you wish to view:



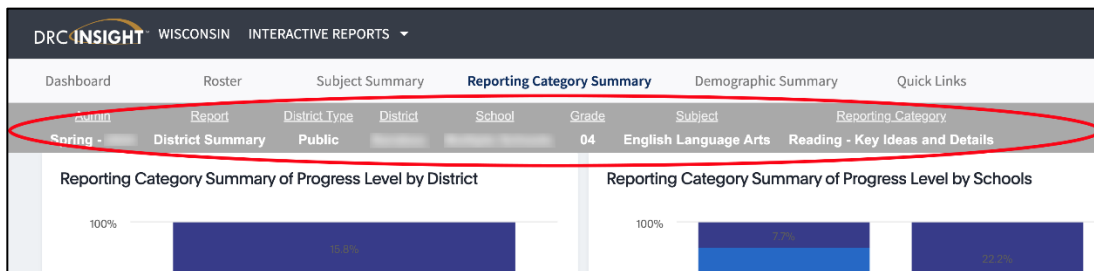
Complete the remaining filters as appropriate based on the data being viewed. **NOTE:** The **School** filter allows for more than one School to be selected by checking the box next to the School:



When all filters have been completed, the **Go** button is enabled. Click **Go** to load the specified **Interactive Reporting Category Summary** report.

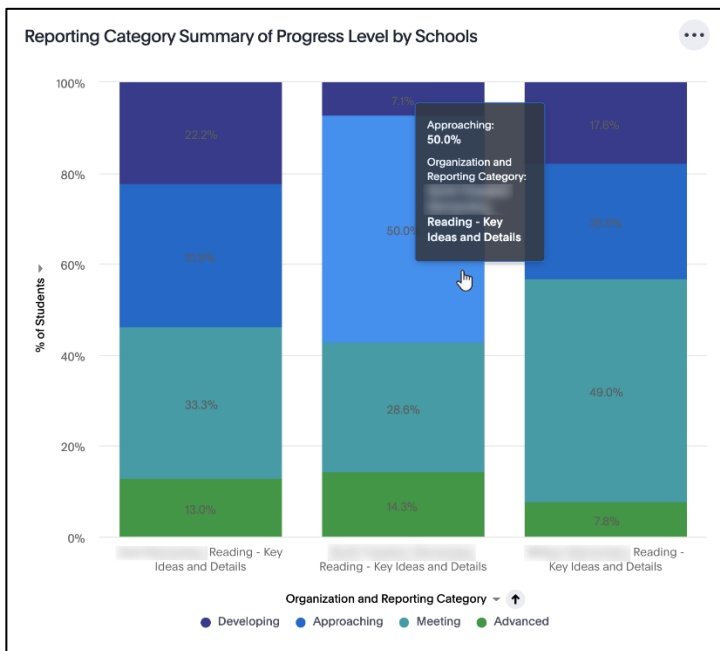


NOTE: When the report loads, the filters are replaced by a **solid gray ribbon** displaying the selected values to retain context for the data. To reactivate the filters and change selections, **click anywhere in the gray ribbon**.

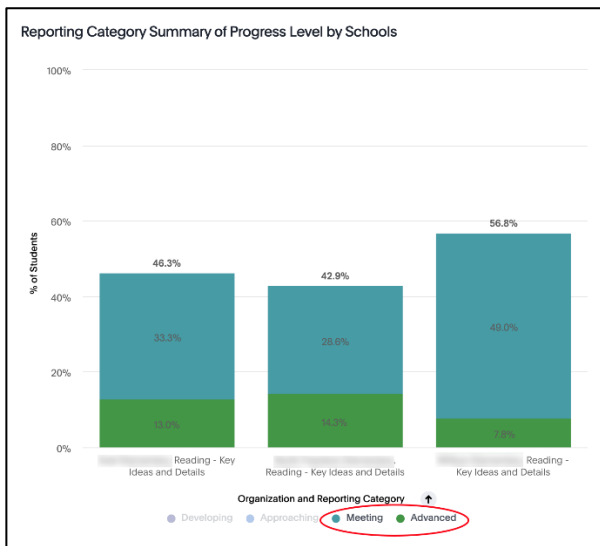


After the report loads, the User can work with the data further by interacting with the charts and tables on the **Interactive Reporting Category Summary** dashboard. The following highlights **several of the interactions** based on the chart type and data included.

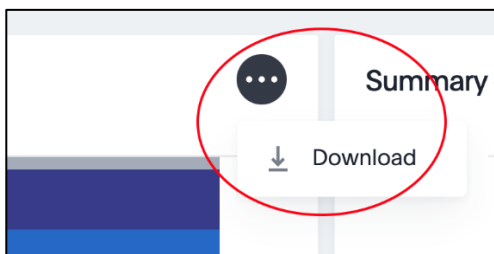
Hover/mouse over a data point to see additional detail.



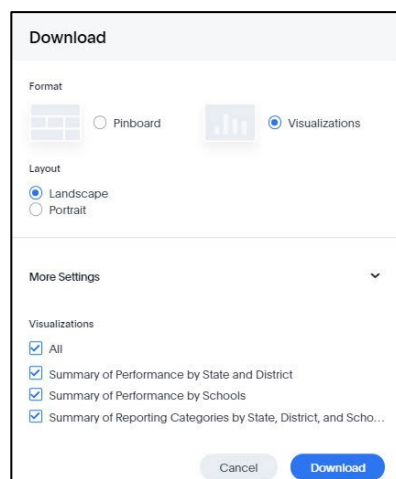
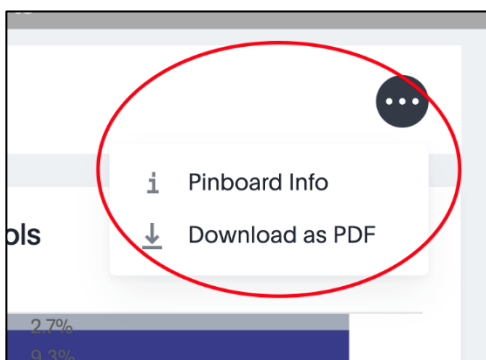
The data displayed can be adjusted in charts with legends by **clicking or unclicking the corresponding color and label** name in the legend:



Each of the **charts and tables** can be downloaded independently by **clicking on the ellipses in the upper right corner of the visualization**. Charts download as PNG files and pivot tables download as XLSX files:



The entire report can also be downloaded by selecting the **Download as PDF** option found by clicking the ellipses in the upper right corner of the report page. There are **additional options** to set the page orientation and select what is included in the output:



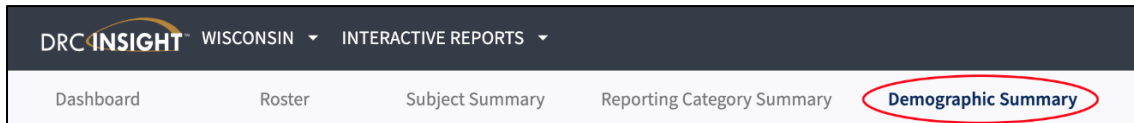
Using the Interactive Reporting Category Summary Report to Improve Learning

The Interactive Reporting Category Summary report dashboard presents school-level educators with key information on how well their school performed on the Forward Exam in each reporting category. The school data by grade, subject, and reporting category chosen will display the number and percent of students in each reporting category performance level. The school results are presented for comparison against the school's district and to the state. This data is also presented within the two charts on the dashboard. A school user can collect specific data on certain groups by means of the report filter options, gathering these numbers and percentages for only student populations who meet the selected criteria. This data provides the school with a quick overview of how they compare within their district and to the state.

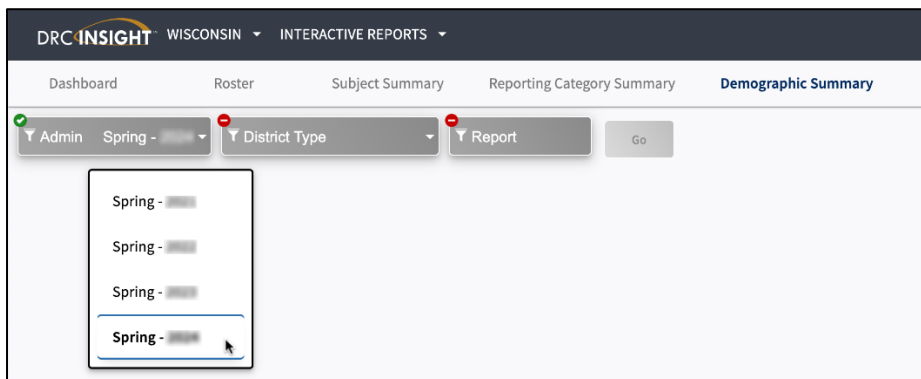
Interactive Demographic Summary Report

The **Interactive Demographic Summary** provides at-a-glance comparisons between various demographic subgroups. A stacked column chart displays the Performance Level breakdown, a bar chart outlines Participation, and a bar graph outlines the Mean Scale Score for each of the subgroups within each demographic category. A Summary table includes the Number of Students Tested, Mean Scale Score, and the percentage in each Performance Level for the various demographic subgroup combinations for the site, grade, and subject selected.

To access the **Interactive Demographic Summary** report, select the **Demographic Summary** tab from within the Interactive Reporting menu:

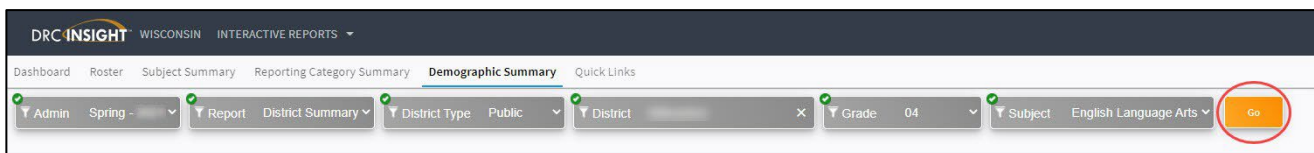


Upon selecting the **Demographic Summary** tab, a set of filters appear. Click in the **Admin** filter and select the test administration that corresponds to the reporting category summary you wish to view:

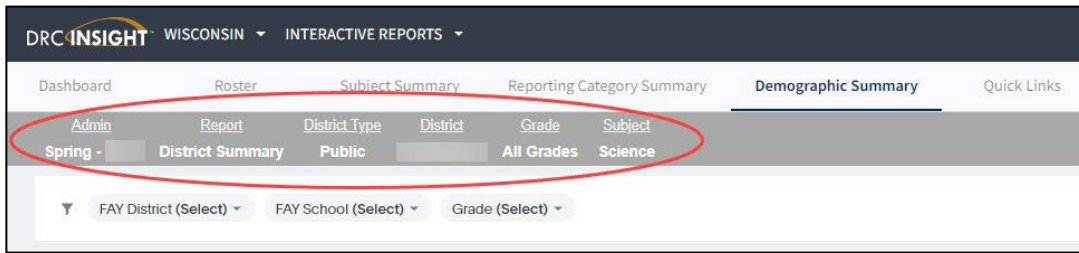


Complete the remaining filters as appropriate based on the data being viewed.

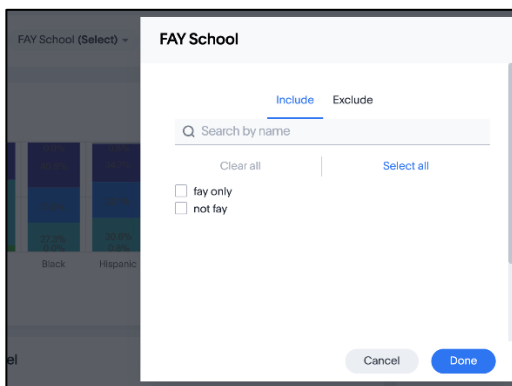
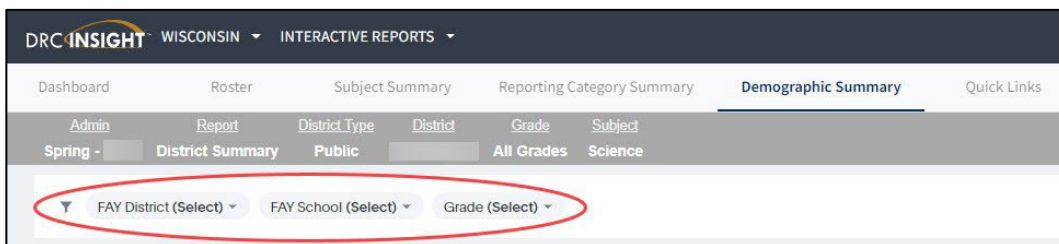
When all filters have been completed, the **Go** button is enabled. Click **Go** to load the specified **Interactive Demographic Summary** report.



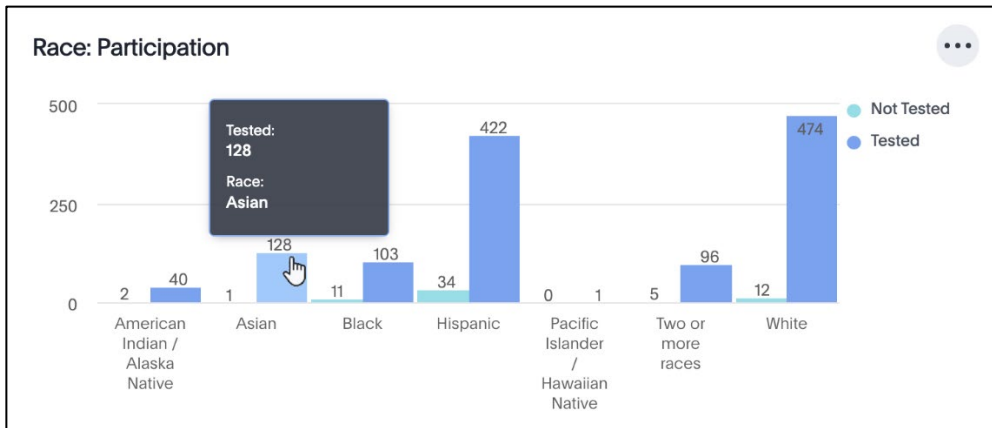
NOTE: When the report loads, the filters are replaced by a **solid gray ribbon** displaying the selected values to retain context for the data. To reactivate the filters and change selections, **click anywhere in the gray ribbon**.



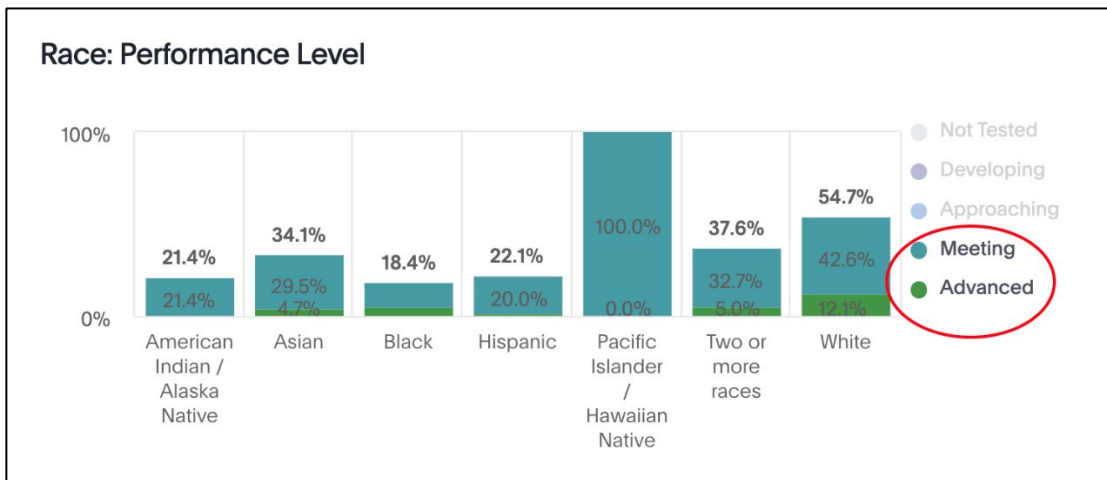
After the report loads the User can work with the data further from a set of **secondary filters**. Each filter will open a new modal where one or more values can be selected.



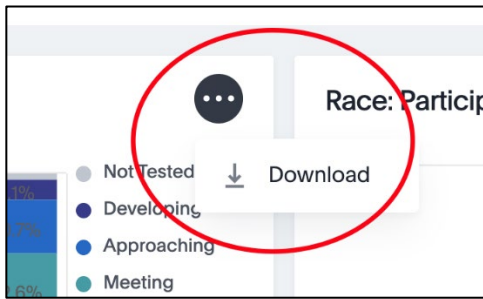
The User can work with the data further by interacting with the charts and tables on the **Interactive Demographic Summary** dashboard. The following highlights **several of the interactions** based on the chart type and data included. **Hover/mouse over** a data point to see additional detail.



The data displayed can be adjusted in charts with legends by **clicking on the corresponding color and label** name in the legend.



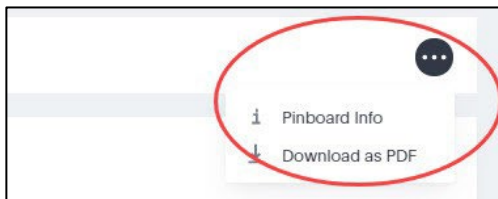
Each of the **charts and tables** can be downloaded independently by **clicking on the ellipses in the upper right corner** of the visualization. Charts download as PNG files and pivot tables download as XLSX files:



A screenshot of a pivot table with a "More" button in the top right corner. A red circle highlights a three-dot menu icon in the top right corner of the table area. The menu options are "Download as CSV", "Download as XLSX", and "Download as PDF".

Developing	Approaching	Meeting	Not Tested
25.0%	0.0%	75.0%	0.0%
100.0%	0.0%	0.0%	0.0%

The entire report can also be downloaded by selecting the **Download as PDF** option found by clicking the ellipses in the upper right corner of the report page. There are **additional options** to set the page orientation and select what is included in the output:



A screenshot of the "Download" dialog box. It has two tabs: "Pinboard" and "Visualizations", with "Visualizations" selected. Under "Layout", "Landscape" is selected. Under "More Settings", a list of items is shown with checkboxes, all of which are checked: "All", "Race: Performance Level", "Race: Participation", "Race: Mean Scale Score", "Gender: Performance Level", "Gender: Participation", "Gender: Mean Scale Score", and "ELL: Performance Level". At the bottom, there are "Cancel" and "Download" buttons.

HELP DESK

Forward Exam DRC Help Desk

Customer service representatives are available via a toll-free phone number and email.

Wisconsin Forward Exam Support 1-800-459-6530 WIHelpDesk@datarecognitioncorp.com	Support Line Hours: Monday-Friday 7:00 AM – 5:00 PM Central Time
--	---

Department of Public Instruction Contacts

For Forward Exam questions related to Wisconsin policies use the following information:

General Forward Exam Information and Policies Alison O'Hara <ul style="list-style-type: none">• Phone: (608) 266-5182• Email: alison.ohara@dpi.wi.gov Jennifer Teasdale <ul style="list-style-type: none">• Phone: (608) 266-5193• Email: Jennifer.teasdale@dpi.wi.gov	Data, Student Demographics, and Privacy Issues Phil Cranley <ul style="list-style-type: none">• Phone (608) 266-9798• Email: philip.cranley@dpi.wi.gov Test Security and Choice Programs Duane Dorn <ul style="list-style-type: none">• Phone: (608) 267-1069• Email: duane.dorn@dpi.wi.gov
---	---

Copyright © 2024 by Data Recognition Corporation

