NASRICs Assessment Performance report

Purpose

This report provides district-level, building-level, class-level and student-level comparisons of assessment results for the NYS Grades 3-8 Assessments, Regents, and AP Exams. The data spans over several years beginning in 2022.

This report has several different pages providing different and selective comparison options:

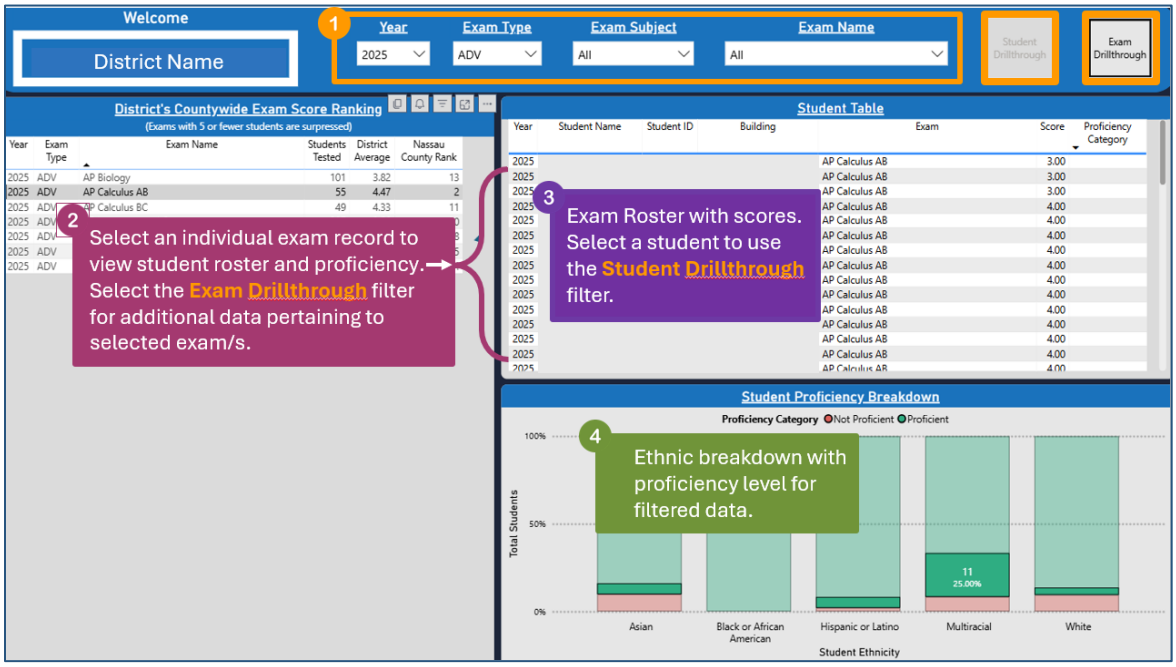
District Snapshot
Building Outcomes
District Outcomes
Intra-District Numeric Score
Intra-District Performance Levels
Student Regents & Course Outcomes
Class Performance Comparisons
Building Comparisons
3-8 Cohort Growth Scores

Data Source	Refresh Schedule	Security Level
• Level 1	• Daily	• D-Group

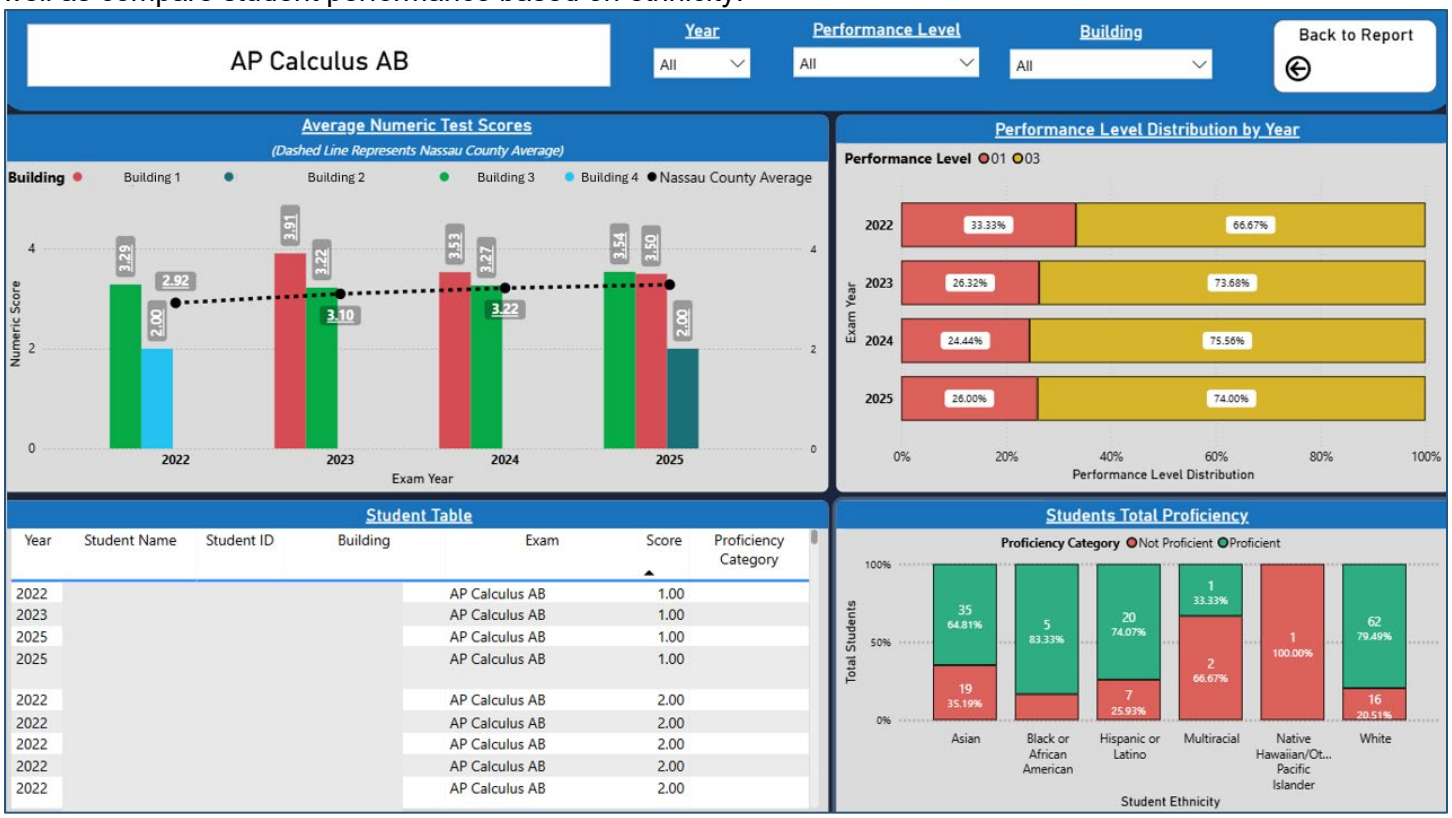
District Snapshot Report (Back)

When used with its filters, this report page allows the district to isolate, compare, and analyze different assessments along with scores and performance levels. It has the option to drill through to view information for a selected exam or to view exam data for a selected student.

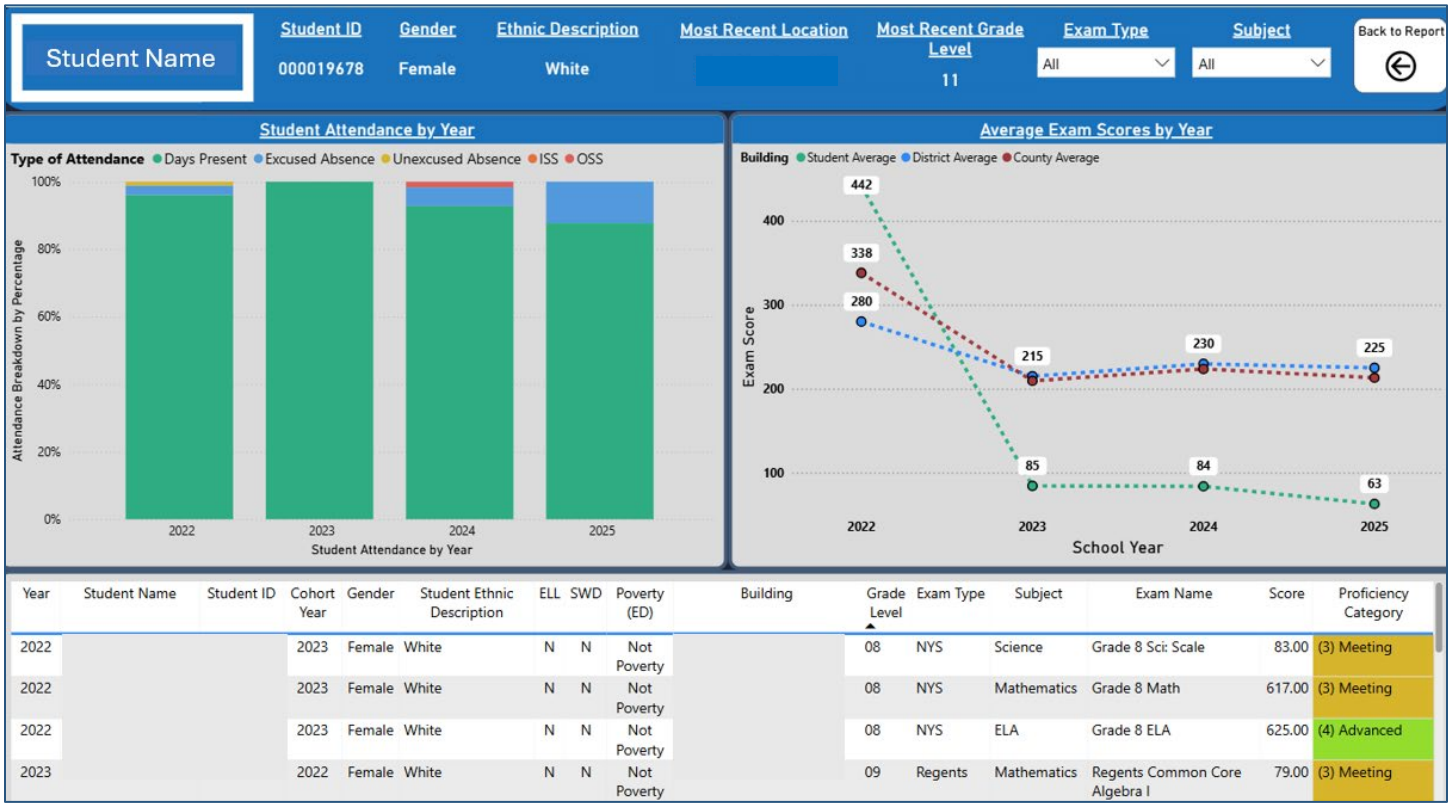
- Open and login to Power BI. Link to our Power BI website.
- Click the "**Comparison Reports**" menu item.
- Click the "**Assessment Performance Comparison Report**" menu item.
  1. **Filter the report by Year, Performance Level or Building.**
  2. **Assessments with their countywide ranking. Along with School year and District Average for the exam name.**
  3. **Students with exams along with the proficiency level**
  4. **Proficiency Breakdown and student ethnicity**



The **Exam Drillthrough** page provides the data visuals shown below. Additional filters are provided to compare building performances on the selected exam/s; Compare exam performance over a span of years as well as compare student performance based on ethnicity.



The **Student Drillthrough** page provides the data visuals shown below.



BUILDING-LEVEL OUTCOMES REPORT (BACK)

Analyze a building's assessment performance through the years. Comparing average performance levels and average numeric scores to the district and county outcomes.

1. **Use the filters to select a specific exam year, exam type or test, building, and student subgroup(s)**

Sample questions that can be answered using this page:

2. **How does this building's average numeric score compare to the district and Nassau County averages for a given exam year? Or over the course of several years.**
- **Is the building outperforming or underperforming the county and or District averages?**
3. **How do building performance scores compare to overall district and county scores?**
- **What percentage of students scored at Performance Levels 3–5 in this building?**
- **What are the outcomes for each ethnic group in the building? Are there observable performance gaps among groups?**



DISTRICT-LEVEL OUTCOMES REPORT (BACK)

Visualizes a district-wide comparison of assessments as compared to the county and the state. Users can examine specific exams and student subgroups, revealing overall proficiency patterns and any notable gaps for the district as a whole.

1. **Use the filters to select a specific Exam Year, Exam Type, Subject or Test Description, and/or student Subgroup(s)**
2. **How does the district average numeric score compare to the county and state averages for a given exam year? Or over the course of several years.**

- **Is the district or district subgroup outperforming or underperforming the county and or state averages?**

3. **How do district performance scores compare to overall county and state scores?**
- **What percentage of students within district are scoring at a proficient or not proficient levels?**
- **What are the subgroup outcomes within the district? Are there observable performance gaps among groups?**



Additional data details are available with tool tips. In the image below: Point to float over a data point to see related data elements.



INTRA-DISTRICT NUMERICAL SCORE COMPARISONS (BACK)

This report can be filtered to provide average score comparisons between subgroups, genders, ethnicities and/or buildings. You can see performance patterns and possibly areas of improvement along with longitudinal trends.

Use the filters to select a specific exam year, exam type or test description.

Compare left to right sides of the page using filters for Building, Gender, Ethnicity and/or Student Subgroup(s) to manipulate compare and analyze the differences or similarities.

Sample questions that can be answered:

How do schools compare to one another on average numeric test scores?
Are there schools consistently outperforming others across multiple exams?
Which schools score above or below the district average for a given exam?
Are certain schools consistently underperforming across exams, or only on specific ones?
Where should the district prioritize professional development?



INTRA-DISTRICT PERFORMANCE LEVEL COMPARISONS (BACK)

This report can be filtered to provide average performance level comparisons between subgroups, genders, ethnicities and/or buildings. You can see patterns and possibly areas to improve.

Use the filters to select a specific exam year, exam type or test description.

Compare left to right sides of the page using filters for Building, Gender, Ethnicity and/or Student Subgroup(s) to manipulate compare and analyze the differences or similarities.

Sample questions that can be answered:

How do schools' average numeric test scores compare to one another?
Are there schools consistently outperforming others across multiple exams?
Which schools score above or below the district average for a given exam?
Are certain schools consistently underperforming across exams, or only on specific ones?
Where should the district prioritize professional development?


Intra-District Performance Level Comparison
Exam Year
All
Exam Type
NYS
Subject
ELA
Test Description
All
Month (Regents Only)
All
Building
Building 1
Student Gender
All
Student Ethnicity
All
ELL
SWD
Poverty (ED)
Building Performance Level Distribution
Performance Level 1 2 3 4
Building 1
2022 16.35% 31.25% 38.94% 13.46%
2023 19.00% 28.00% 35.00% 18.00%
2024 32.99% 33.51% 25.77% 7.73%
2025 16.58% 31.55% 39.04% 12.83%
Exam Year
0% 20% 40% 60% 80% 100%
District Performance Level Distribution
2022 7.72% 22.13% 36.89% 33.26%
2023 10.24% 20.60% 38.53% 30.62%
2024 15.89% 27.42% 37.87% 18.82%
2025 9.57% 23.80% 37.83% 28.80%
Nassau County Performance Level Distribution
2022 12.73% 26.90% 33.85% 26.52%
2023 13.98% 24.30% 36.46% 25.27%
2024 17.15% 25.51% 35.43% 21.91%
2025 12.41% 22.91% 36.46% 28.22%
Building
Building 2
Student Gender
All
Student Ethnicity
All
ELL
SWD
Poverty (ED)
Building Performance Level Distribution
Performance Level 1 2 3 4
Building 2
2022 22.40% 41.60% 33.60%
2023 23.36% 44.53% 29.20%
2024 30.82% 37.67% 28.08%
2025 19.59% 35.81% 41.89%
Exam Year
0% 20% 40% 60% 80% 100%
District Performance Level Distribution
2022 7.72% 22.13% 36.89% 33.26%
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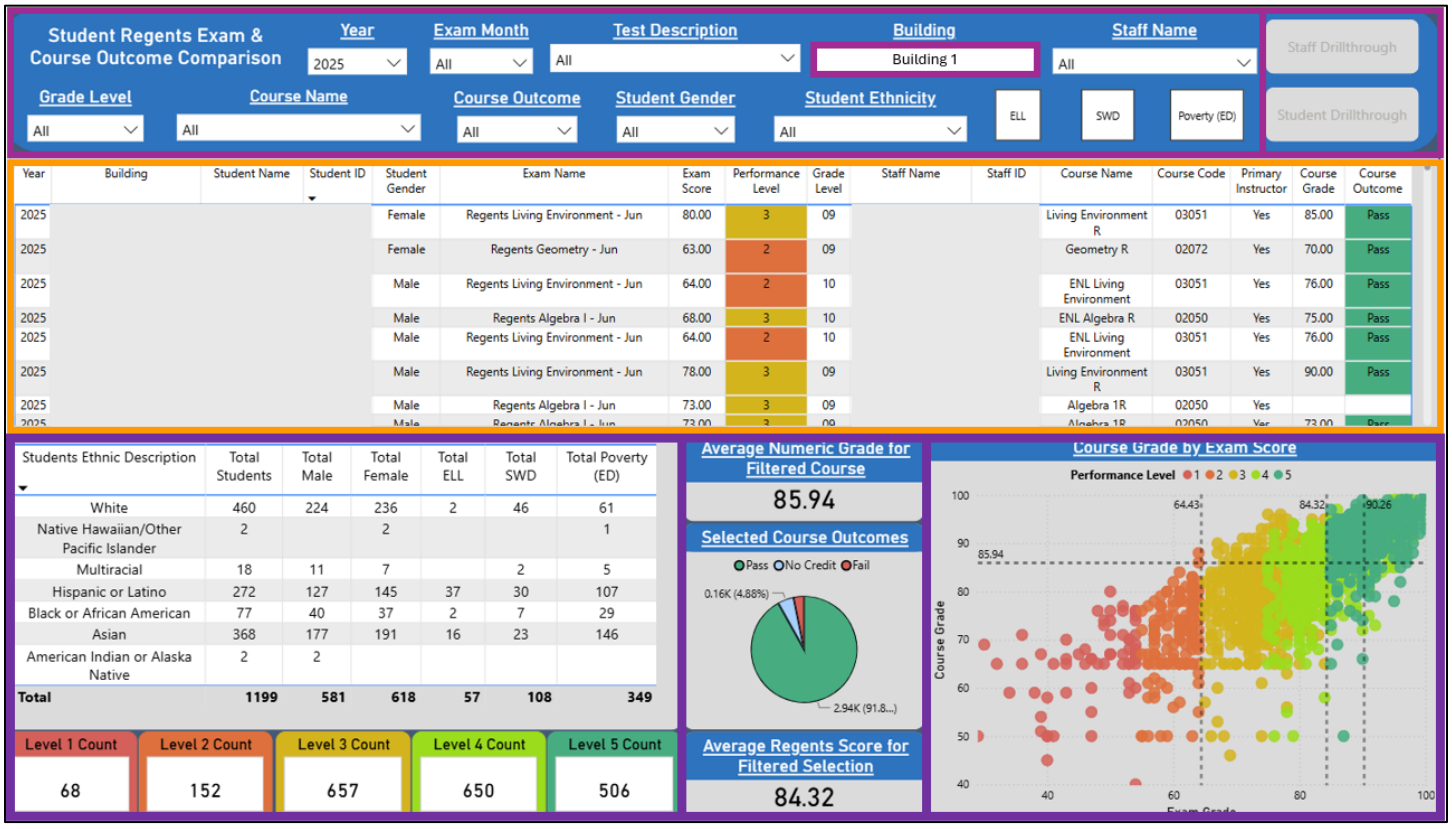
Student Regents and Course Outcome Comparisons (Back)

This report page compares student regents' scores with their corresponding course outcomes. Allowing you to see how well course grades align with regents' performance levels.

Filter to focus on a particular course, exam, teacher, student subgroup, or building, for targeted instructional or accountability analysis. To identify outliers, grading inconsistencies and subgroup performance gaps. Drill-through functionality supports deep dives into individual student records or specific courses/exams.

A table of student records for SY, building, exam and course with instructor and highlighting Exam Performance Level along with Course Outcome of P/F.

A table of demographic breakdowns and student totals.
In the center you see the Average score to outcome ratios with a visual of P/F outcomes.
Included is a scattergram or array of data displayed for course grades, performance levels and exam scores.
How do course outcomes compare to regent's exam scores on average?
Do scores and course grades align across demographic groups?
Can you identify any achievement gaps?
Performance Level Distrubution: Are most students achieving regents proficiency?



Class Performance Comparisons

(Back)

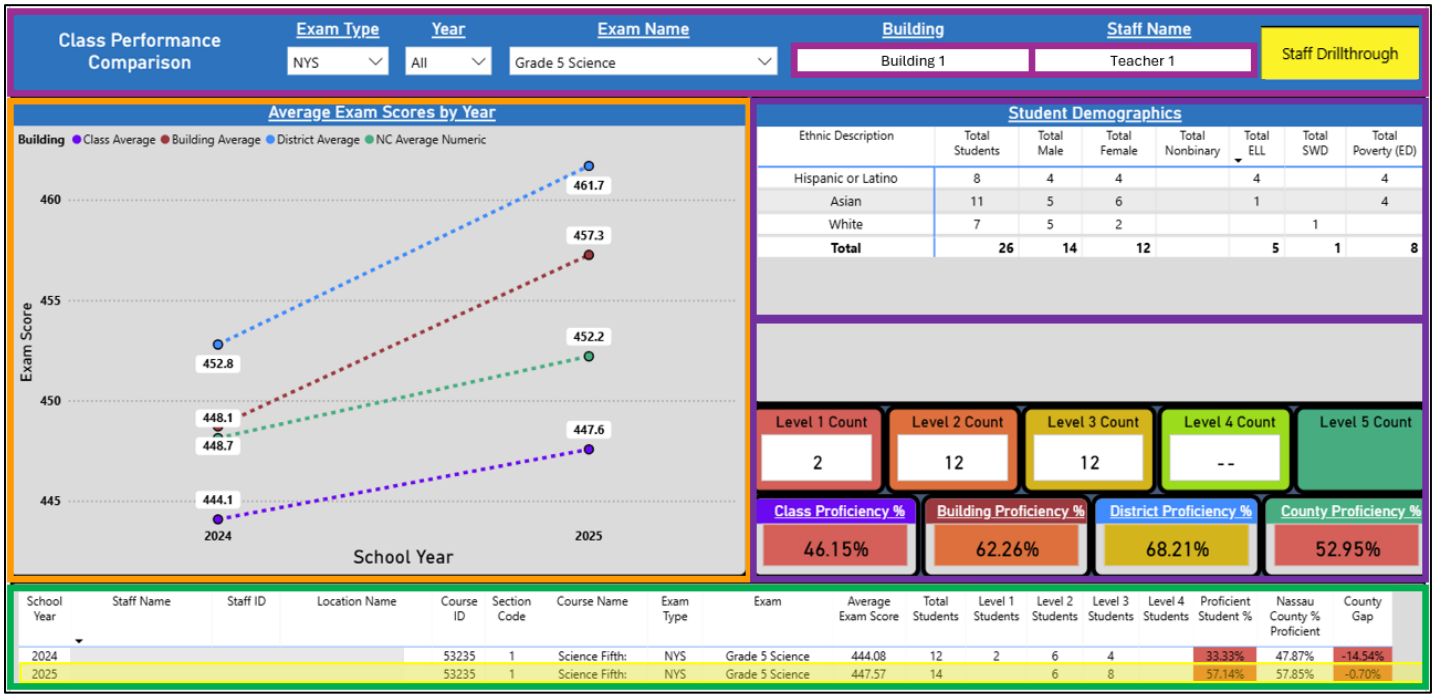
This report identifies patterns and variations in student performance between classes. It can potentially highlight areas of professional development and best-practice sharing or mentoring between colleagues.

Filter to focus on a particular exam, building and/or teacher

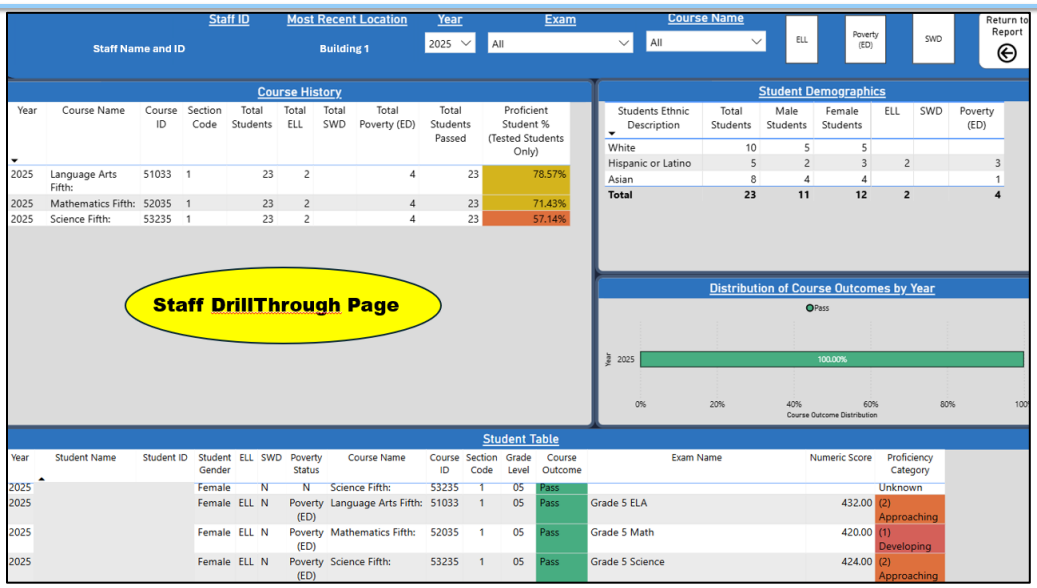
A visualization of the filtered selection comparing Class, Building, District and County score averages.

A table indicating the student demographic breakdown for the filtered selection as well as a distribution of student performance levels for the class including a comparison of class proficiency across building district and county.

A table of course sections for the filtered selection. Highlighting student proficiency percentage for the class as well as the County Gap.



Selecting a course section from this table allows for a Staff Drillthrough. Leading to further data pertaining to course history, course outcomes and exam proficiency levels per rostered student.



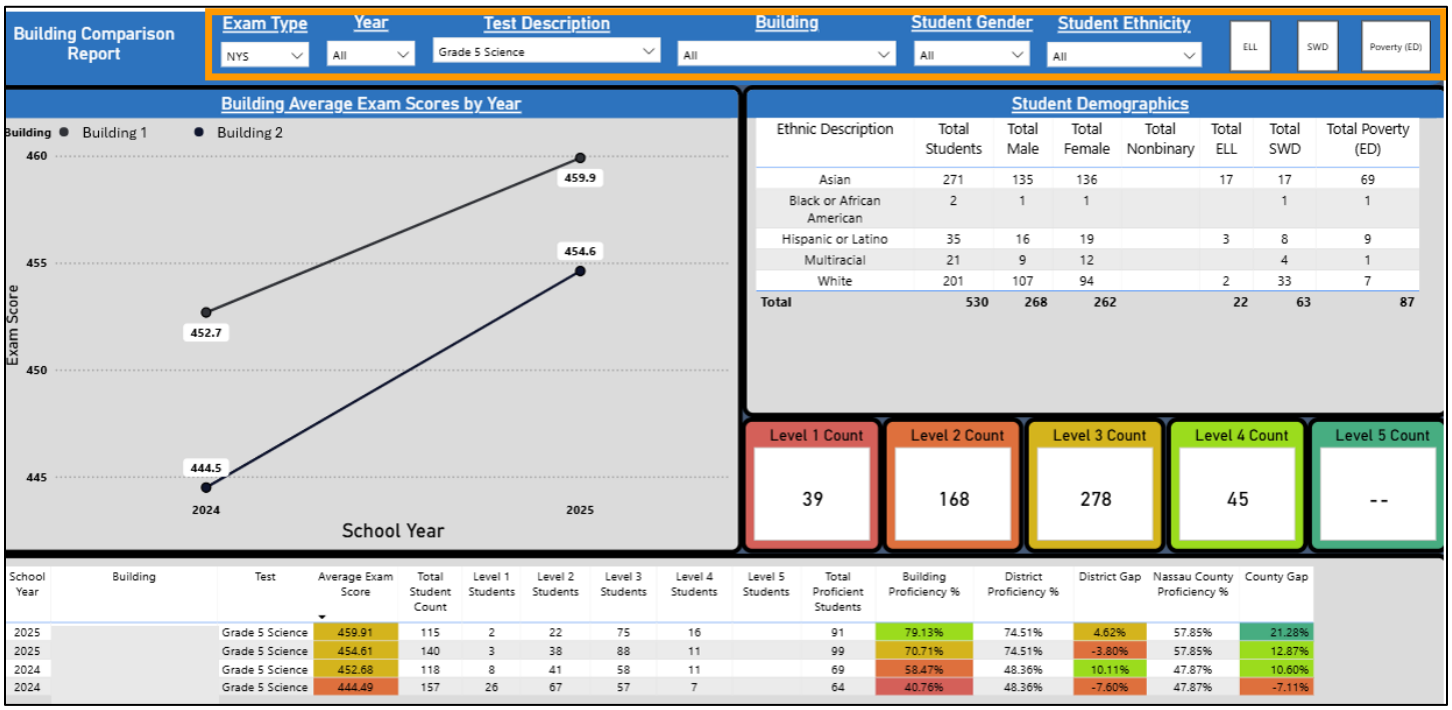
BUILDING PERFORMANCE COMPARISONS (BACK)

This report provides a districtwide comparison of exam scores/performances across schools to identify patterns, similarities, and any differences.

Use the filters and the interactive selections within the displays to manipulate and compare the building performances. Compare and analyze any changed patterns.

Sample questions that can be answered:

How do student performances compare and differ across buildings within district?
Are non-proficient percentages greater in a specific building or visa versa?
How is the building performing compared to the district as a whole and or the county?



Ethnic Description	Total Students	Total Male	Total Female	Total Nonbinary	Total ELL	Total SWD	Total Poverty (ED)
Asian	271	135	136		17	17	69
Black or African American	2	1	1			1	1
Hispanic or Latino	35	16	19		3	8	9
Multiracial	21	9	12			4	1
White	201	107	94		2	33	7
Total	**530**	**268**	**262**		**22**	**63**	**87**

School Year	Building	Test	Average Exam Score	Total Student Count	Level 1 Students	Level 2 Students	Level 3 Students	Level 4 Students	Level 5 Students	Total Proficient Students	Building Proficiency %	District Proficiency %	District Gap	Nassau County Proficiency %	County Gap
2025		Grade 5 Science	459.91	115	2	22	75	16		91	79.13%	74.51%	4.62%	57.85%	21.28%
2025		Grade 5 Science	454.61	140	3	38	88	11		99	70.71%	74.51%	-3.80%	57.85%	12.87%
2024		Grade 5 Science	452.68	118	8	41	58	11		69	58.47%	48.36%	10.11%	47.87%	10.60%
2024		Grade 5 Science	444.49	157	26	67	57	7		64	40.76%	48.36%	-7.60%	47.87%	-7.11%

3-8 Cohort Growth Comparisons

(Back)

This report gives you a view of how students within a specific cohort progressed from year to year. It compares the selected cohort to the district and county averages.

Use the filters to select and view a cohort and building.

Review the distribution of performance levels for the filtered students.

What percentage of students are proficient in the subject matter?

A table of student records for the filtered students. Each student record has test and score information along with proficiency levels and other exams the student has taken.

Are the non-proficient students declining or advancing from prior years?

