IDW User Group High School Bullseye Meeting
National Science Foundation Grant

Nassau BOCES Partnership with Columbia University Teachers College

- Phase 1 – Teacher Data Use Survey
- Phase 2 – Interviews of survey respondents who volunteered (in progress)
- Phase 3 – Professional Development for Instructional Use of Data
Professional Development

Data Wise – Nassau BOCES Professional Development Course
- Harvard Graduate School of Education
- 7 Participating Data Teams from Nassau County School Districts
- 2 Full Day sessions (summer) and 5 Half Day sessions (fall)

Hands-On IDW Training at Nassau BOCES
- Pilot program for 2017 - 18
- 2 Hour Sessions - offered throughout the year

Administrative Training – In District
Forgot Password?

Click here to reset password
General Data Analysis Wisdom

*Use Comparisons to Gain Context for Data*

Compare yourself to yourself (last year, the previous year, etc.).

Compare yourself to others (regional benchmark).

Then disaggregate the data by schools and subgroups.
Trends Report

Height of green bar represents proficiency each year.

White line represents proficiency for the County.

District = 95% Proficient

District = 45% Proficient
Let’s view the two College Tracking Reports with new Regional Benchmarks

Intended Vs. Actual College Enrollment Summary
Four Year College Degree Attainment for Multiple Years
# Intended vs Actual College Enrollment Summary

## Report Options

### Purpose

This summary report compares aggregated post-high school plans of high school graduates to actual initial enrollments. Initial college enrollments may or may not be immediately following high school graduation. Click through to a student list including the college of initial enrollment. A complete detailed report containing each enrollment record can be obtained by drilling from the student list to the Student College Enrollment Detail report the accompanying chart.

### Report Options

- **Select a HS Grad Year** from the dropdown (required). The year represents the year of high school graduation.
- **Select Report Type**. The District report displays all students placed in in-district locations within the district. The Buildings report is grouped by school building.
- **Select Building**. This prompt becomes available when the "building" option is chosen and allows the user to run this report for one particular building.
- **Optional demographic filters** may be used to select only certain students based on ethnicity, LEP eligibility, disability status, poverty status and gender. Only one option in each filter may be selected, but you may use remove a filter, select the first option in each list (e.g. "All Ethnicities"). Regional benchmarks will not display when any demographic filters are applied.

### Remark

The National Student Clearinghouse only provides enrollment records for student that attend in-district high schools. Therefore, the district and building report will display the same information if your district has Tip: Only buildings with graduating students will have data for this report.

<table>
<thead>
<tr>
<th>Select a HS Grad Year</th>
<th>Select Report Type</th>
<th>Select Building</th>
<th>Select Diploma Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School Grad Year</td>
<td>District</td>
<td>Select a Building</td>
<td>All Diploma Types</td>
</tr>
<tr>
<td></td>
<td>Building</td>
<td></td>
<td>Select Diploma Group</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Advanced Regents Diploma</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Local Diploma</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Credential Diploma</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Regents Diploma</td>
</tr>
</tbody>
</table>

### Optional Demographic Filters

- All Ethnicities
- LEP and Non-LEP
- All Abilities/Disabilities
- All Income Groups
- Male and Female

---

**BY CHECKING THE BOX TO THE LEFT I ACKNOWLEDGE THE FOLLOWING:** Certain informational data available through the Instructional Data Warehouse has been created by Nassau BOCES, including but not limited to available data sets and reports, and, therefore, contains proprietary information of the Nassau BOCES. Such informational data is for internal school district and the Nassau BOCES purposes only, and users are prohibited from disseminating and/or distributing such informational data to anyone other than school district personnel without the prior approval of the Nassau BOCES.
### Table Showing Grad Plans and Outcomes (without Regional Benchmark)

<table>
<thead>
<tr>
<th>Post-Graduate Plan</th>
<th>2-Yr School Count</th>
<th>2-Yr School Pct</th>
<th>4-Yr School Count</th>
<th>4-Yr School Pct</th>
<th>UNK Count</th>
<th>UNK Pct</th>
<th>Total Count</th>
<th>Total Pct</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Yr College</td>
<td>23</td>
<td>12%</td>
<td>1</td>
<td>0%</td>
<td>15</td>
<td>2%</td>
<td>89</td>
<td>15%</td>
</tr>
<tr>
<td>Total 2-Year College</td>
<td>73</td>
<td>12%</td>
<td>1</td>
<td>0%</td>
<td>15</td>
<td>2%</td>
<td>89</td>
<td>15%</td>
</tr>
<tr>
<td>4-Year College</td>
<td>5</td>
<td>1%</td>
<td>200</td>
<td>99%</td>
<td>10</td>
<td>2%</td>
<td>215</td>
<td>52%</td>
</tr>
<tr>
<td>4-year college outside NYS</td>
<td>2</td>
<td>0%</td>
<td>154</td>
<td>25%</td>
<td>1</td>
<td>0%</td>
<td>157</td>
<td>25%</td>
</tr>
<tr>
<td>Total 4-Year College</td>
<td>7</td>
<td>1%</td>
<td>454</td>
<td>75%</td>
<td>11</td>
<td>2%</td>
<td>472</td>
<td>78%</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>0%</td>
<td>6</td>
<td>1%</td>
<td>2</td>
<td>0%</td>
<td>7</td>
<td>1%</td>
</tr>
<tr>
<td>Enlist in the military</td>
<td>1</td>
<td>0%</td>
<td>1</td>
<td>0%</td>
<td></td>
<td></td>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>Seek employment</td>
<td>4</td>
<td>1%</td>
<td>23</td>
<td>4%</td>
<td></td>
<td></td>
<td>27</td>
<td>4%</td>
</tr>
<tr>
<td>Unknown</td>
<td>1</td>
<td>0%</td>
<td>1</td>
<td>0%</td>
<td></td>
<td></td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>Adult Services (disabled students only)</td>
<td>4</td>
<td>1%</td>
<td>4</td>
<td>1%</td>
<td></td>
<td></td>
<td>4</td>
<td>1%</td>
</tr>
<tr>
<td>Other plan</td>
<td>2</td>
<td>0%</td>
<td>2</td>
<td>0%</td>
<td></td>
<td></td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>Other postsecondary school in NYS</td>
<td>2</td>
<td>0%</td>
<td>6</td>
<td>1%</td>
<td></td>
<td></td>
<td>6</td>
<td>1%</td>
</tr>
<tr>
<td>Total Other</td>
<td>6</td>
<td>1%</td>
<td>42</td>
<td>7%</td>
<td></td>
<td></td>
<td>48</td>
<td>8%</td>
</tr>
<tr>
<td>Total Graduating Students in 2016/2017</td>
<td>86</td>
<td>14%</td>
<td>455</td>
<td>75%</td>
<td>68</td>
<td>11%</td>
<td>609</td>
<td>100%</td>
</tr>
</tbody>
</table>

#### Actual Enrollment Outcome by Post-Grad Plans

- **2-Year College**
  - Building: 23 (12%)
  - Region: 1 (0%)
- **4-Year College**
  - Building: 200 (99%)
  - Region: 10 (2%)
- **Other**
  - Building: 1 (0%)
  - Region: 6 (1%)

#### Actual College Enrollment

- **<2-Yr School**
  - Region: 0%
  - Building: 12%
  - 2-Yr School: 8%
  - 4-Yr School: 75%
  - UNK: 0%

- **2-Yr School**
  - Region: 0%
  - Building: 12%
  - 2-Yr School: 8%
  - 4-Yr School: 75%
  - UNK: 0%

- **4-Yr School**
  - Region: 0%
  - Building: 75%
  - 2-Yr School: 8%
  - 4-Yr School: 75%
  - UNK: 0%

- **UNK**
  - Region: 0%
  - Building: 0%
  - 2-Yr School: 0%
  - 4-Yr School: 0%
  - UNK: 0%
Click on any building column to see student names.
Click on any building column to see student names.
Four Year College Degree Attainment for Multiple Years Report Options

**Purpose:** This report displays a multi-year column chart that analyzes the amount of time it takes for high school graduates to complete a four-year college degree. Time to degree is calculated by subtracting the date of HIGH SCHOOL graduation from the college graduation date of a student's FIRST four-year degree and is rounded to the nearest number of years. Data are aggregated to the district or building level. Percentages are based on the total number of high school graduates. Regional comparisons are available in the accompanying chart.

**Report Options**
- **Select First Year of High School Graduation** from the dropdown (required).
- **Select Last Year of High School Graduation** from the dropdown (required).
- **Select Diploma Group** to filter by specific diploma types, such as Advanced Regents Diploma from the dropdown (Optional).
- **Select Report Type.** The District report displays all students placed in in-district locations within the district. The Buildings report is grouped by school building.
- **Select Building.** This prompt becomes available when the "Building" option is chosen and allows the user to run this report for one particular building. Only buildings with graduating students will have data for this report.

**Optional demographic filters** may be used to select only certain students based on ethnicity, LEP eligibility, disability status, poverty status and gender. Only one option in each filter may be selected, but you may use all five filters at the same time. To remove a filter, select the first option in each list (e.g. "All Ethnicities"). Regional benchmarks will not display when any demographic filters are applied.

**Remark:** The National Student Clearinghouse only provides enrollment records for student that attend in-district high schools. Therefore, the district and building report will display the same information if your district has only one high school building.
Four Year College Degree Attainment for Multiple Years

Start Date: 2007/2008
End Date: 2009/2010
Diploma Group: All Diploma Types
Chart Type: Both District and Regional Data

HS Grad Year = 2009/2010
Type = Building
Time to Degree = No 4 Year Degree
Percentage = 36%
“Run This Report With Different Options”
Select Advanced Regents Diploma

Start Date: 2007/2008
End Date: 2009/2010
Diploma Group: Advanced Regents Diploma
Chart Type: Both District and Regional Data

Percent of Students

Time to 4 Year Degree
- Within 4 Years
- 5 Years
- 6 Years
- 7 Years or Greater
- No 4 Year Degree
“Run This Report With Different Options”
Select “Hispanic or Latino”

Start Date: 2007/2008
End Date: 2009/2010
Ethnicity: Hispanic or Latino
Diploma Group: Advanced Regents Diploma
Chart Type: Both District and Regional Data

Note: Regional benchmarks will not display when any demographic filters are applied.

9 out of 10 earned a 4yr degree
10 out of 10 earned a 4yr degree
6 out of 8 earned a 4yr degree
Power of the Benchmark (Regional Standard)

Common standard by which to measure our progress

1. Measure from year to year
2. Measure compared to a known standard
Welcome Herricks

Chris Connors, Director of Instructional Technology
Rich Sevilla, Data Analyst

Click here for Herricks Presentation:
Keep Calm and Let the Data Analysts Handle it
Advanced Placement (AP) Summary Report
## Advanced Placement Summary

The regional averages on this report are confidential and for internal use only.

<table>
<thead>
<tr>
<th>Score</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># Schools Surveyed</th>
<th>46</th>
<th>51</th>
<th>59</th>
<th>53</th>
<th>54</th>
<th>58</th>
<th>51</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Students Tested</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Participation Index (% Enrollment Tested*)</td>
<td>11.0%</td>
<td>12.4%</td>
<td>13.6%</td>
<td>15.0%</td>
<td>15.2%</td>
<td>15.1%</td>
<td>15.5%</td>
</tr>
<tr>
<td>Total Scoring 3,4,5</td>
<td>10</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Quality Index (% Test Takers 3,4,5)</td>
<td>67.5%</td>
<td>71.5%</td>
<td>72.5%</td>
<td>78.8%</td>
<td>81.2%</td>
<td>80.9%</td>
<td>80.6%</td>
</tr>
<tr>
<td>Quality / Participation (% Enrollment 3,4,5)</td>
<td>7.4%</td>
<td>9.7%</td>
<td>10.0%</td>
<td>11.1%</td>
<td>9.0%</td>
<td>10.3%</td>
<td>11.4%</td>
</tr>
</tbody>
</table>

* Average high school enrollment in grades 10-12 is used to approximate the number of students in the grade level tested. “% Enrollment Tested” equals the total number of examinations divided by the average high school enrollment in grades 10-12. “% Enrollment 3,4,5” equals the total number of examinations with a score of 3 or better divided by the average high school enrollment in grades 10-12. These metrics are included to show the actual proportions of successful test takers in a school. Region represents mean of participating Nassau County schools.

Source: Derived from data provided by the College Board. Copyright (c) 2011 The College Board, www.collegeboard.org

To preserve the confidentiality of students, the College Board does not report performance summaries if the number of students in a category is less than fifteen (15), or if the number of high schools is less than fifteen (15).
The average HS enrollment for grades 10-12 is: 134

<table>
<thead>
<tr>
<th>Score</th>
<th>School #</th>
<th>Region</th>
<th>School #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>5.6</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>5.5</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>6.2</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>8.8</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>10.9</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># Schools Surveyed</th>
<th>Total Students Tested</th>
<th>Participation Index (% Enrollment Tested*)</th>
<th>Total Scoring 3,4,5</th>
<th>Quality Index (% Test Takers 3,4,5)</th>
<th>Quality / Participation (% Enrollment 3,4,5*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46</td>
<td>16</td>
<td>11.9%</td>
<td>10</td>
<td>62.5%</td>
<td>7.4%</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>12.4%</td>
<td>25.9</td>
<td>70.0%</td>
<td>8.7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13.8%</td>
<td>13</td>
<td>72.2%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>
Understanding the formulas of the AP Summary Report...

<table>
<thead>
<tr>
<th>Score</th>
<th>School-2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

Total students tested: 20

Participation Index (% Enrollment Tested): 20%

Total Scoring 3,4,5: 13

Quality Index (% Test Takers 3,4,5): 65%

Quality/Participation (% Enrollment 3,4,5): 13%

The average HS enrollment for grades 10-12 is: 100
## Advanced Placement Summary

**AP Total - All Tests Combined**

The regional averages on this report are confidential and for internal use only.

<table>
<thead>
<tr>
<th>Score</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
</tr>
<tr>
<td>1</td>
<td>44</td>
<td>53.2</td>
<td>29</td>
<td>57.6</td>
<td>15</td>
<td>58.7</td>
<td>28</td>
</tr>
<tr>
<td>2</td>
<td>26</td>
<td>114.6</td>
<td>53</td>
<td>129.6</td>
<td>63</td>
<td>132.0</td>
<td>78</td>
</tr>
<tr>
<td>3</td>
<td>45</td>
<td>175.2</td>
<td>57</td>
<td>198.7</td>
<td>62</td>
<td>205.9</td>
<td>85</td>
</tr>
<tr>
<td>4</td>
<td>29</td>
<td>150.0</td>
<td>33</td>
<td>169.2</td>
<td>44</td>
<td>163.1</td>
<td>53</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>115.7</td>
<td>11</td>
<td>111.5</td>
<td>15</td>
<td>104.4</td>
<td>24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># Schools Surveyed</th>
<th>47</th>
<th>53</th>
<th>54</th>
<th>55</th>
<th>52</th>
<th>54</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tests Taken**</td>
<td>168</td>
<td>183</td>
<td>193</td>
<td>268</td>
<td>287</td>
<td>303</td>
<td>352</td>
</tr>
<tr>
<td>Participation Index (Enrollment Tested**)</td>
<td>1.24</td>
<td>2.06</td>
<td>1.41</td>
<td>2.31</td>
<td>1.50</td>
<td>2.32</td>
<td>2.08</td>
</tr>
<tr>
<td>Total Scoring 3,4,5</td>
<td>98</td>
<td>446.9</td>
<td>101</td>
<td>479.4</td>
<td>121</td>
<td>473.4</td>
<td>162</td>
</tr>
<tr>
<td>Quality Index (% Test Takers 3,4,5)</td>
<td>58.3%</td>
<td>72.8%</td>
<td>55.2%</td>
<td>71.9%</td>
<td>60.8%</td>
<td>71.3%</td>
<td>60.4%</td>
</tr>
<tr>
<td>Quality / Participation (Enrollment 3,4,5**)</td>
<td>0.73</td>
<td>1.50</td>
<td>0.76</td>
<td>1.66</td>
<td>0.91</td>
<td>1.66</td>
<td>1.26</td>
</tr>
</tbody>
</table>

**NOTE**: This new AP TOTAL Summary page represents the total number of examinations taken, not individual students. Enrollment figures are based on the average high school enrollment in grades 10-12. Since many students take multiple AP Examinations in the same year, the number of tests taken may be greater than the average high school grade enrollment. Enrollment figures on this AP Total report, therefore, should be interpreted as a "Rate of Tests Taken" per student. For example, a rate of 1.0 on the Participation Index indicates that the number of students taking an AP exam matches the average high school enrollment. Similarly, a rate of 1.0 on the Quality / Participation Index indicates that the number of students receiving a quality exam grade (3, 4 or 5) matches the average high school enrollment. These metrics are included to show the actual proportion of successful test takers in a school. Region represents the mean of participating Nassau County schools.
A close look at the AP Summary Report for All Tests

The ALL TESTS AP Summary Report is based on all AP tests in all subject areas combined. So the Participation Index and the Quality/Participation are based on “Rate of Tests Taken” per student.
# Advanced Placement Summary

**The regional averages on this report are confidential and for internal use only.**

<table>
<thead>
<tr>
<th>Score</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
<td>Region</td>
<td>School #</td>
</tr>
<tr>
<td>1</td>
<td>44</td>
<td>53.2</td>
<td>29</td>
<td>57.6</td>
<td>15</td>
<td>58.7</td>
<td>28</td>
</tr>
<tr>
<td>2</td>
<td>26</td>
<td>114.6</td>
<td>53</td>
<td>129.6</td>
<td>63</td>
<td>132.0</td>
<td>78</td>
</tr>
<tr>
<td>3</td>
<td>49</td>
<td>175.2</td>
<td>57</td>
<td>198.7</td>
<td>62</td>
<td>205.9</td>
<td>85</td>
</tr>
<tr>
<td>4</td>
<td>29</td>
<td>150.0</td>
<td>33</td>
<td>169.2</td>
<td>44</td>
<td>163.1</td>
<td>53</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>115.7</td>
<td>11</td>
<td>111.5</td>
<td>15</td>
<td>104.4</td>
<td>24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># Schools Surveyed</th>
<th>47</th>
<th>53</th>
<th>54</th>
<th>55</th>
<th>52</th>
<th>54</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tests Taken**</td>
<td>168</td>
<td>183</td>
<td>199</td>
<td>268</td>
<td>287</td>
<td>303</td>
<td>352</td>
</tr>
<tr>
<td>Participation Index (Enrollment Tested**)</td>
<td>1.24</td>
<td>2.06</td>
<td>1.41</td>
<td>2.31</td>
<td>1.50</td>
<td>2.32</td>
<td>2.08</td>
</tr>
<tr>
<td>Total Scoring 3,4,5</td>
<td>98</td>
<td>446.9</td>
<td>101</td>
<td>479.4</td>
<td>121</td>
<td>473.4</td>
<td>162</td>
</tr>
<tr>
<td>Quality Index (% Test Takers 3,4,5)</td>
<td>58.3%</td>
<td>72.8%</td>
<td>55.2%</td>
<td>71.9%</td>
<td>60.8%</td>
<td>71.3%</td>
<td>60.4%</td>
</tr>
<tr>
<td>Quality / Participation (Enrollment 3,4,5**)</td>
<td>0.73</td>
<td>1.50</td>
<td>0.76</td>
<td>1.66</td>
<td>0.91</td>
<td>1.66</td>
<td>1.26</td>
</tr>
</tbody>
</table>

**NOTE:** This new AP TOTAL Summary page represents the total number of examinations taken, not individual students. Enrollment figures are based on the average high school enrollment in grades 10-12. Since many students take multiple AP Examinations in the same year, the number of tests taken may be greater than the average high school grade enrollment. Enrollment figures on this AP Total report, therefore, should be interpreted as a "Rate of Tests Taken" per student. For example, a rate of 1.0 on the Participation Index indicates that the number of students taking an AP exam matches the average high school enrollment. Similarly, a rate of 1.0 on the Quality / Participation Index indicates that the number of students receiving a quality exam grade (3, 4 or 5) matches the average high school enrollment. These metrics are included to show the actual proportion of successful test takers in a school. Region represents the mean of participating Nassau County schools.
How does District A compare to the county?

What about the Quality Index?
AP Summary Data at a Glance

What questions does this raise for your district?
Teacher Interface

New and Improved

- Improved navigation and ease of use
- Additional Reports
- Teachers are now able to access two consecutive years of data
Teacher Interface
New and Improved

Welcome
Classroom School Year: 2017/2018

Gap Report

Wrong Answer Summary Analysis (WASA)

Item Analysis

Classroom Rosters

Student Assessment Scores

Child Assessment Profile (ChAP)

Assessment Snapshot

Nassau BOCES IDW Info

3-8 Assessment Longitudinal
Teacher Assessment Snapshot

- First report encountered in the previous Teacher Interface
- Still available with the same navigation
- Requires teachers to “drill down” to instructional reports by clicking on the assessment name
Teacher Interface
New and Improved
Teacher Gap Report

Re-Rostered Gap Analysis Report Options

Purpose: The Gap Report compares how students in a teacher's classroom performed on specific assessment questions compared to the school and Nassau County. Assessments from prior years have been "re-rostered" and aggregated for students in a teacher's selected class. Multiple choice questions are displayed as the percent correct for each question on the selected assessment. Constructed response questions are displayed as percent of total points earned. Results are aggregated to all students in the classroom and are compared to all students in Nassau County ("Region"). This report is useful in determining question difficulty, as well as relative strengths and weaknesses, by question, when compared to the region.

Report Options:
Select a Classroom Year from the dropdown (required). Up to two years are available.
Select a Teacher Name from the dropdown (required). Only teachers for the selected classroom year will be displayed.
Select a Course from the dropdown (required). Only courses for the selected teacher/classroom year will be displayed.
Select Year and Assessment from the dropdown (required). The assessments in this list are those that were taken by at least one student from the selected class.

Click
# Teacher Interface Gap Report

**Classroom Year:** 2017/2018  
**Course:** CHEMISTRY R  
**2017/2018 Regents Phy Set/Chemistry - Jun (69 Students)**

<table>
<thead>
<tr>
<th>Question #</th>
<th>MC/CR</th>
<th>Student %</th>
<th>District %</th>
<th>Region %</th>
<th>Student Gap % From Region</th>
<th>District Gap % From Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1-40</td>
<td>MC</td>
<td>92.8%</td>
<td>79.6%</td>
<td>78.0%</td>
<td>14.8%</td>
<td>1.6%</td>
</tr>
<tr>
<td>B2-64</td>
<td>CR</td>
<td>79.7%</td>
<td>78.3%</td>
<td>69.0%</td>
<td>10.7%</td>
<td>9.3%</td>
</tr>
<tr>
<td>B2-53</td>
<td>CR</td>
<td>73.9%</td>
<td>68.8%</td>
<td>64.8%</td>
<td>9.1%</td>
<td>3.9%</td>
</tr>
<tr>
<td>C-72</td>
<td>CR</td>
<td>72.5%</td>
<td>66.1%</td>
<td>67.6%</td>
<td>4.9%</td>
<td>-1.4%</td>
</tr>
<tr>
<td>C-84</td>
<td>CR</td>
<td>87.0%</td>
<td>87.2%</td>
<td>82.9%</td>
<td>4.1%</td>
<td>4.3%</td>
</tr>
</tbody>
</table>

**Typical Question (unweighted average):**  
65.9%  73.6%  75.0%  -9.1%  -1.4%
40 Which particle diagram represents a mixture?

Key:
- ● = an atom of an element
- ○ = an atom of a different element

(1) (2) (3) (4)
Teacher Interface

WASA

Instructional Data Warehouse Teacher Portal

Welcome

Classroom School Year: 2017/2018

Gap Report

Wrong Answer Summary Analysis (WASA)

Item Analysis

Course Name: English

Student Name: John Doe

Score: 85

Comparison with Peers:

- 10th Percentile
- 75th Percentile

Analysis of Performance:

- Reading: 90%
- Math: 85%
- Science: 80%

Next Steps:

- Focus on Reading Comprehension
- Practice Math Word Problems

Nassau BOCES EDW Info

Assessment Scores

Child Assessment Profile (CAP)

evaluation

engageNY
Re-Rostered Wrong Answer Summary Analysis (WASA) Report Options

Purpose: This Wrong Answer Summary Analysis (WASA) report displays the distribution of all possible answer choices for each multiple-choice question. Correct responses are highlighted in green. Only released questions are displayed for the 3-8 ELA and Math assessments. Assessments from prior years have been "re-rostered" and aggregated for students in a teacher's selected class.

Report Options
Select a Classroom Year from the dropdown list (required). Up to two years are available.
Select a Teacher Name from the dropdown list (required). Only teachers for the selected classroom year will be displayed.
Select a Course from the dropdown list (required). Only courses for the selected teacher/classroom year will be displayed.
Select Assessment from the dropdown list (required). The assessments in this list are those that were taken by at least one student from the selected class.

Click the Finish button at the bottom of the screen to run the report.
Teacher WASA Report:

### Re-Rostered Wrong Answer Summary Analysis (WASA)

**Classroom Year**: 2017/2018  
**Course**: CHEMISTRY R  
**2017/2018 Regents Phy Set/Chemistry - Jun**

<table>
<thead>
<tr>
<th>Q#</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1-42</td>
<td>66.6%</td>
</tr>
<tr>
<td>B1-40</td>
<td>78.0%</td>
</tr>
<tr>
<td>A-12</td>
<td>64.2%</td>
</tr>
<tr>
<td>B1-31</td>
<td>95.7%</td>
</tr>
<tr>
<td>A-06</td>
<td>95.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Correct Resp</th>
<th>Resp 1</th>
<th>Resp 2</th>
<th>Resp 3</th>
<th>Resp 4</th>
<th>Blank</th>
<th>Multiple</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#</td>
<td>%</td>
<td>#</td>
<td>%</td>
<td>#</td>
<td>%</td>
</tr>
<tr>
<td>B1-42</td>
<td>3</td>
<td>37.7%</td>
<td>2</td>
<td>4.3%</td>
<td>27</td>
<td>53.6%</td>
</tr>
<tr>
<td>B1-40</td>
<td>3</td>
<td>1.4%</td>
<td>4</td>
<td>5.8%</td>
<td>14</td>
<td>92.8%</td>
</tr>
<tr>
<td>A-12</td>
<td>1</td>
<td>40.6%</td>
<td>17</td>
<td>24.6%</td>
<td>8</td>
<td>11.6%</td>
</tr>
<tr>
<td>B1-31</td>
<td>0</td>
<td>0.0%</td>
<td>1</td>
<td>1.4%</td>
<td>24</td>
<td>92.8%</td>
</tr>
<tr>
<td>A-06</td>
<td>4</td>
<td>1.4%</td>
<td>0</td>
<td>0.0%</td>
<td>2</td>
<td>2.9%</td>
</tr>
</tbody>
</table>

Notes:
- This report only displays multiple-choice questions.
- Run this report with different options.
Teacher Interface

Instructional Data Warehouse Teacher Portal

Welcome

Classroom School Year: 2017/2018

Gap Report

Wrong Answer Summary Analysis (WASA)

Item Analysis

Item Analysis

Classroom Routines

Student Assessment Scores

Child Assessment Profile (CAP)

Assessment Snapshot

Nassau BOCES EDW Info

engageNY
Teacher Interface

Classroom Roster
Why do we need to look at the classroom roster?

The Roster is intended to be used for Troubleshooting missing data.
Teacher Interface Overview

- Way for teachers to obtain their student’s assessment scores and responses

- Assessments include
  - NYS 3-8 ELA and Math
  - NYS 4 and 8 Science
  - HS Regents
  - NYSESLAT/NYSAA/NWEA/STAR (ChAP only)

- Staff and course rosters pulled from Level 1
  - Course Instructor Assignment
  - Student Class Entry Exit
Two Main Purposes

- Early year “re-rostering” of current students’ prior assessment results (student strengths and weaknesses)

- Later year results of current students’ current assessment results (teacher self-reflection)
The Problem...

- Originally designed as a SINGLE YEAR reporting environment
- One year of classroom data
- Two main purposes span multiple years
  - Examination of current students strengths and weaknesses (current year)
  - Self-reflection of last year’s teaching (previous year)
- When to re-roster?
The Solution...

- Start with talented and dedicated staff!
- Update backend tables to accommodate multiple years
- Re-design reports to allow selection of multiple years
The Disclaimer...

- Two-years only
- Previous year only available for **CURRENT** staff
- Best practice is to submit **ALL CIA / SCEE** information at the same time
- Submission of only one building will result in access for only that building
Teacher Interface: New Classroom Year Prompt

- Teachers may now select up to two school years
- Previous school year only available for staff who taught in the same building
Teacher Interface: Teacher and Course Prompts

- Teachers only see their own data but admins can select multiple teachers.
- Course must be selected.
- Course based on selected year.

![Select Classroom Year](2017/2018)

![Select Teacher Name](Bader, Ruth)

![Select Course](Language Arts Fifth, Mathematics Fifth, Science Fifth, Social Studies Fifth)

![Select Assessment](Year and Assessment Name)
Teacher Interface: Assessment Prompts

- Not all teachers/courses will have assessment data (e.g. first grade)
- Assessments are related to student, NOT to course
- Assessment list includes ALL exams taken by students in selected class
Teacher Interface Example: Gap Report

Sample UFSD – Sample HS – Sample Teacher

Classroom Year: 2017/2018

Course: Earth Science
2017/2018 Regents Phy Set/Earth Sci - Jun (14 Students)

NOTE: Gaps refer to difference from region. Constructed responses are displayed as the percentage of total points earned. Links to the actual assessment booklet are only available for released questions. ‘NR’ indicates question was not released.

<table>
<thead>
<tr>
<th>Standard/Key Idea</th>
<th>Subskill/Performance Indicator</th>
<th>Question #</th>
<th>MC/CR</th>
<th>Student %</th>
<th>District %</th>
<th>Region %</th>
<th>Student Gap % From Region</th>
<th>District Gap % From Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Many of the phenomena that we observe on Earth inv</td>
<td>4PS.2.1d Weather variables are measured using instruments such as thermometers, barometers, psychrometers, precipitation gauges, anemometers, and wind vanes.</td>
<td>C-66</td>
<td>CR</td>
<td>100.0%</td>
<td>75.4%</td>
<td>58.7%</td>
<td>41.3%</td>
<td>16.7%</td>
</tr>
<tr>
<td>The Earth and celestial phenomenon can be described</td>
<td>4PS.1.2b Stars form when gravity causes clouds of molecules to contract until nuclear fusion of light elements into heavier ones occurs. Fusion releases great amounts of energy over millions of years. The stars differ from each other in size, temperature,</td>
<td>A-10</td>
<td>MC</td>
<td>100.0%</td>
<td>87.2%</td>
<td>75.6%</td>
<td>24.4%</td>
<td>11.6%</td>
</tr>
</tbody>
</table>
Thank you!