Instructional Data Warehouse User Meeting

Nassau County BOCES
December 4, 2014
Cognos 10 Home Screen

IBM Cognos Software

My Content
- My home
- IBM Cognos content
- My Inbox

My Actions
- View my workspaces

Show this page in the future
Navigation to Reports

- Three Navigation Options

- Report List
- Role Search
- IDW Report Finder
IDW Report Finder

- Useful to narrow down user options to find the desired report(s)
- Filtering criteria excludes all report options that do not satisfy all conditions (AND criteria)
- Report Preview
- Report Description
Let the IDW Report Finder identify the information you are looking for! Select the criteria from the check boxes below and then click the big "IDW Report Finder" button above. The list of reports will only update after clicking the button.

## Current Assessment Subjects
- ELA 3-8 (Current as of 2012)
- Math 3-8 (Current as of 2012)
- Science 4 and 6 Assessments
- Regents Assessments
- NYSAA Assessments
- NYSESLAT Assessments

## Older Assessment Subjects
- ELA - Prior to 2012
- Math - Prior to 2012
- Other Assessments

## Report Grouping Levels
- Teacher Names
- Student Names
- Question Numbers

## Benchmarks
- District Comparisons
- Nassau Benchmark
- NYS Benchmark

## Score Types
- Numeric Scores

## Report Name and Link
- Advanced Placement ELA Summary
- Annual Student Assessment Summary Download
- Assessment Item Map
- Child Assessment Profile (CPAP) Download
- Child Assessment Profile (ChAP) Download
- Colleges with Highest Initial Enrollment Over Time
- Comparison of 3-8 ELA and Math Scores Across Districts
- Comparison of Diploma Types Awarded by Districts
- Comparison of Post-Graduate Plans Across Districts
- Comparison of Regents Scores Across Districts
- Constructed Response Distribution
- District Comparison Report - NYS ELA & Math Assessments
- District Comparison Report by Quadrant
- Four Year College Degree Attainment for Multiple Years
- Four Year College Degree Attainment for Single Year
- Gap
- Gap - Constructed Response Percent at Each Rubric Level
- Gap - Released Questions
### IDW Report Finder

#### Current Assessment Subjects
- [ ] ELA 3-8 (Current as of 2012)
- [ ] Math 3-8 (Current as of 2012)
- [ ] Science 4 and 8 Assessments
- [ ] Regents Assessments
- [ ] NYSAA Assessments
- [ ] NYSESLAT Assessments

#### Older Assessment Subjects
- [ ] ELA - Prior to 2012
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#### Report Grouping Levels
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#### Benchmarks
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- [ ] NYS Benchmark

#### Score Types
- [ ] Numeric Scores
- [ ] Individual Performance Levels

#### Report Name and Link
<table>
<thead>
<tr>
<th>Report Name and Link</th>
<th>Sample</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Student Assessment Summary Download</td>
<td>Preview</td>
<td>CSV download to Excel lists all students taking assessments in a selected year or years.</td>
</tr>
<tr>
<td>Child Assessment Profile (ChAP)</td>
<td>Preview</td>
<td>Displays a student's complete assessment history while enrolled in the district.</td>
</tr>
<tr>
<td>Child Assessment Profile (ChAP) Download</td>
<td>Preview</td>
<td>Downloads a csv file with students' complete assessment histories while enrolled in the district.</td>
</tr>
<tr>
<td>Item Analysis</td>
<td>Preview</td>
<td>Displays a list of students and their responses to all questions on a particular assessment.</td>
</tr>
<tr>
<td>Item Analysis Download</td>
<td>Preview</td>
<td>Excel download containing a list of students and their responses to all questions on a particular assessment.</td>
</tr>
<tr>
<td>Student Assessment Scores</td>
<td>Preview</td>
<td>Displays individual student scores and performance levels by district, building or teacher.</td>
</tr>
<tr>
<td>Teacher Name Update Download</td>
<td></td>
<td>Use to submit teacher name corrections for instructional reports. Not for official NYSED corrections.</td>
</tr>
</tbody>
</table>
## Report Finder - Preview

### Current Assessment Subjects
- ELA 3-8 (Current as of 2012)
- Math 3-8 (Current as of 2012)
- Science 4 and 8 Assessments
- Regents Assessments
- NYSAA Assessments
- NYSESLAT Assessments

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### Score Types

<table>
<thead>
<tr>
<th>Report Name and Link</th>
<th>Report Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constructed Response Distribution</td>
<td></td>
</tr>
<tr>
<td>Gap</td>
<td>Preview</td>
</tr>
<tr>
<td>Gap - Released Questions</td>
<td></td>
</tr>
<tr>
<td>Individual Student Performance</td>
<td></td>
</tr>
<tr>
<td>Item Analysis - Released Questions</td>
<td></td>
</tr>
<tr>
<td>Item Analysis - Secure NYS Assessments</td>
<td></td>
</tr>
<tr>
<td>Item Analysis Download - Released Questions</td>
<td></td>
</tr>
<tr>
<td>Item Analysis Download - Secure NYS Assessments</td>
<td></td>
</tr>
<tr>
<td>Regional Gap Analysis</td>
<td></td>
</tr>
<tr>
<td>Released Questions Performance</td>
<td></td>
</tr>
<tr>
<td>P-Value</td>
<td></td>
</tr>
<tr>
<td>Standard and Performance Indicator Map</td>
<td></td>
</tr>
<tr>
<td>Standard and Performance Indicator Map - Released Questions</td>
<td></td>
</tr>
<tr>
<td>Wrong Answer Summary Analysis (WASA) - Released Questions</td>
<td></td>
</tr>
<tr>
<td>Wrong Answer Summary Analysis (WASA) - SAK</td>
<td></td>
</tr>
</tbody>
</table>

### Example Report

#### Example Report Title
- Title: Item Analysis - Secure NYS Assessments

#### Example Report Content

<table>
<thead>
<tr>
<th>Question Number</th>
<th>Question Type</th>
<th>Question Tag</th>
<th>Question Text</th>
</tr>
</thead>
</table>
| 1               | Standard      | S1           | Question 1...
| 2               | Performance   | P2           | Question 2...
| 3               | Indicator     | I3           | Question 3...

#### Example Controls
- Run This Report with Different Options
- Close
Dashboards
Dashboards – What are they?

- A quick look at the data
- A starting point to ask questions
- A visually stimulating representation of data
- Easily customizable through active filters
<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographic Single Year Dashboard</td>
</tr>
<tr>
<td>Demographic Trends Dashboard</td>
</tr>
<tr>
<td>ELA and Math Trends by Building Dashboard</td>
</tr>
<tr>
<td>Enrollment Dashboard</td>
</tr>
<tr>
<td>HS Diploma and Post-Grad Enrollment Dashboard</td>
</tr>
<tr>
<td>In-State and Out-Of-State College Enrollment Dashboard</td>
</tr>
<tr>
<td>Level 1 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Level 1 + Level 2 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Level 2 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Level 3 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Level 3 + Level 4 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Level 4 - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>Mean Score - ELA Vs Math Dashboard</td>
</tr>
<tr>
<td>State Reporting Data Validation Dashboard</td>
</tr>
</tbody>
</table>
Demographic Trends Dashboard

Select Ethnicity
- American Indian or Alaska Native
- Asian
- Black or African American
- Ethnicity Unknown
- Hispanic or Latino
- Multiracial
- Native Hawaiian/Other Pacific Islander
- White

Select School Year
- 05-06
- 06-07
- 07-08
- 08-09
- 09-10
- 10-11
- 11-12
- 12-13
- 13-14
- 10-11 - 13-14

Select Gender
- Male
- Female

Select LEP Eligibility
- (Select All)
- LEP Eligible
- Not LEP Eligible

Select Disability
- Disabled
- Non-Disabled

Select Poverty
- (Select All)
- Not Poverty
- Poverty

Disability
- Count of Disability vs. School Year
- Graph showing Disability counts from 2010-11 to 2013-14

LEP Eligibility
- Count of LEP Eligibility vs. School Year
- Graph showing LEP Eligibility counts from 2010-11 to 2013-14
Demographic Trends Dashboard

Select Ethnicity
- (Select All)
- American Indian or Alaska Native
- Asian
- Black or African American
- Ethnicity Unknown
- Hispanic or Latino
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Select Gender
- (Select All)
- Female
- Male

Select LEP Eligibility
- (Select All)
- LEP Eligible
- Not LEP Eligible

Select Disability
- (Select All)
- Disabled
- Non-Disabled

Select Poverty
- (Select All)
- Not Poverty
- Poverty

Disability
- Count of Disability
- School Year
- 08-09 to 13-14

LEP Eligibility
- Count of LEP Eligibility
- School Year
- 08-09 to 13-14
Assessment Dashboard

Select School Year

Select a value
- Grade 3
- Grade 4
- Grade 5
- Grade 6
- Grade 7
- Grade 8

Select Grade

ELA Trends by Building

Math Trends by Building

County Benchmark
State Reporting Dashboard

Level 1 State Reporting Data Validation Dashboard

PLEASE USE L2RPT FOR OFFICIAL DATA VERIFICATION.

- Students Missing Enrollment: 2
- Students Missing NYSSIS IDs: All Good!
- Location 0000 Without 4034 Code: All Good!
- Non-Pre-School Enrolled in 048972: 22
- Students Missing LEP Duration: All Good!
- Students Missing Missing LEP Program: 6
In-State vs. Out of State College Enrollment Dashboard

Where are they now?