



What can the NECAP Released Items Objects in the Education Data Warehouse (EDW) do for you?

- Recreate data in the Measured Progress paper roster reports and Excel files in one consolidated place
- Disaggregate the data by any demographic attribute available in the EDW (including ones not on other standard reports like mobility and attendance)
- Create different cohort groups of students and follow their performance over time
- With a local warehouse you can analyze the data by local attributes (demo, assessment, courses, etc.)
- Compare your school's or SU's performance to any other VT school or SU

What is the biggest caution working with the data?

- Do not make inferences or conclusions too quickly from the data. Remember to analyze other data (local, classroom, etc.) before deciding that a particular subject or content area is a strength or weakness.

Where can I get additional help with questions I'm trying to answer and queries I'm trying to build?

- Start by seeing if you can solve your question with the expertise in your district (VDC Board Member, etc.). If that doesn't work contact support@vdcmembers.org or graynak@vdcmembers.org or jferrara@vdcmembers.org.

Quick Review: What's in the NECAP Results objects?

Each released item object is organized the same way.

NECAP Reading Results	
<ul style="list-style-type: none"> [-] NECAP Sub-scores <ul style="list-style-type: none"> [+] Word ID & Vocabulary [+] Literary [+] Informational [+] Initial Understanding [+] Analysis & Interpretation [+] Total Points Earned [+] Scaled Score [-] Optional Groupings <ul style="list-style-type: none"> [+] Optional Report Group A [+] Optional Report Group B [+] Optional Report Group C [+] Optional Report Group D [+] Optional Report Group E [+] Optional Report Group F [+] Achievement Level Grouping [+] Achievement Level [+] Testing School [+] Teaching School [+] Test Level [+] Accommodations [+] Testing Grade Level [+] Out of Level Flag 	<ul style="list-style-type: none"> ◀ The NECAP Sub-scores folder contains raw scores and a scaled score for each student. Raw scores are not adjusted for item difficulty and are different from test form to test form and year to year. They are, however, available across content areas. The Scaled Score is adjusted for item difficulty and means the same at every test level (40 and higher = proficient). However, scaled scores are only available for the overall test. ◀ The Optional Groupings folder contains attributes that allow you to disaggregate you data by various groups of students similar to reports your school/district may have received from Measured Progress. The DOE and VDC do not know the meaning of each code that was locally “bubbled”. Only school/district staff have the information that crosswalks the code to the local student group (e.g., A-1 = Voyagers, A-2 = Explorers and A-3 = Quest.) ◀ Combines proficient+advanced and below+ substantially below ◀ Shows all four levels of proficiency ◀ The school the student was enrolled in at the time of testing. ◀ The school that taught the student the previous (full) year. ◀ The level of the test the student took. ◀ Indicates whether “Standard Process” or accommodation(s). ◀ The grade level of the student at the time of testing ◀ Indicates whether the test was “on-level” or “out-of-level”



Before you start your analysis, remember the following:

- 1) Make sure you are clear about whether your analysis going to be based on Teaching Year or Testing Year?
 - a. To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Results" object or the "Organization Name" from the "Organization" object.
 - b. To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Results" object.
 - c. To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
 - d. •Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".
- 2) All favorites/templates created for this workshop utilized the “Achievement Level Grouping” attribute which classifies students as “proficient” or “not proficient” as a way to reduce the complexity of results. You may choose to modify these templates with the “Achievement Level” attribute.
- 3) All favorites/templates created for this workshop classifies students with “no achievement level” as “not proficient”. This is to maintain more consistency between Fall 05 testing and future years.
- 4) Each favorite/template created for this workshop is a starting point for your analysis. You may want to change the year(s) selected or do the analysis at an SU level rather than a school level as well as many other things.
- 5) You can easily drill-through to see student level data on most summary queries by “double-clicking” on a cell or right-clicking and selecting “Drill through to Source Data”. You will only be able to see students as allowed by the current security protocols associated with your EDW User Account.
- 6) The Department of Education periodically updates the EDW. These updates usually make corrections to student id#s or demographic or other info, so the EDW may not exactly match printed paper reports you have on file but it is the “cleanest” data available.

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



- 1) [What were the overall percentages of students in my school that were proficient in reading, writing and mathematics this year?](#)
 - 2) [How did students in my school perform disaggregated by grade level?](#)
 - 3) [How did sub-groups of students in my school perform in reading, writing and mathematics this year?](#)
 - 4) [How did our school compare to our SU and the State this year? \(4a, 4b, 4c\)](#)
 - 5) [Can I compare my school's performance to other schools in my SU?](#)
 - 6) [Can I compare my school's performance to any other school in the State?](#)
 - 7) [Has the percentage of proficient students in my school improved over time?](#)
 - 8) [Have the average scaled scores in my school improved over time?](#)
 - 9) [Can I create a roster with the achievement levels of all my students over time? \(9a, 9b\)](#)
 - 10) [Can I create a roster with the scaled scores for all my students over time?](#)
 - 11) [Can I review the performance of a cohort of student that has remained enrolled in my school over time? \(11a, 11b\)](#)
 - 12) [Can I review the performance of students that were enrolled in my school but are now in a middle or high school?](#)
 - 13) [Did I have any students take out-of-level assessments?](#)
 - 14) [What accommodations were used for each assessment for my school?](#)
 - 15) [Can I find out the "teaching school" for all the students tested in my school?](#)
 - 16) [Can I compare reading and math \(or writing\) achievement levels for the same students at my school?](#)
 - 17) [Can I disaggregate my data by the "optional groupings" that our school personnel bubbled on the test booklets?](#)
 - 18) [Can I find the cut points for each achievement level and each test level?](#)
 - 19) [How do I look at differences in content areas using the raw scores?](#)
- [Appendix of Raw Scores Possible Points](#)



Question #1 - What were the overall percentages of students in my school that were proficient in reading, writing and mathematics this year?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #1: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time	
		2007-2008	
		Results	
		% Down	Value
Organization.Organization...	NECAP Reading Results.Ac...		
Aiken 367	Proficient	76.64 %	584
	Not Proficient	23.36 %	178
	All	100.00 %	762

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



Question #2 - How did students in my school perform disaggregated by grade level?

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".
- Use the "NECAP Teaching Year Demographics" object to analyze the data by student "enrolled grade level" from the previous/teaching year.
- For testing year demographics, use the following objects and attributes you would for many other queries.
 - "Testing Grade Level" from the "NECAP Reading, Math or Writing Results" objects for the grade level of the student at the time of testing
 - "Last Reported Grade Level" from the "Student" object for the most current grade level from the Fall or Spring Student Census
 - "October 1st Grade Level" from the "Student" object for the grade level of the student at the time of the official October 1st student enrollment
 - "Grade Level" in the "SPED - Other Info" object for the grade level of SPED students at the time of the December 1st Child Count

Examples for Question #2: After you run your query the results should look similar to the screenshot below. You could place your school/district name or grade level attributes on either the row or the column.

			Time	
			2007-2008	
			Results	
			% Down	Value
Organization.Organization...	NECAP Reading Results.Te...	NECAP Reading Results.Ac...		
Aiken 367	3rd Grade	Proficient	75.83 %	91
		Not Proficient	24.17 %	29
		All	100.00 %	120
	4th Grade	Proficient	74.26 %	101
		Not Proficient	25.74 %	35
		All	100.00 %	136
	5th Grade	Proficient	70.49 %	86
		Not Proficient	29.51 %	36
		All	100.00 %	122
	6th Grade	Proficient	75.47 %	80
		Not Proficient	24.53 %	26
		All	100.00 %	106
	7th Grade	Proficient	77.21 %	105
		Not Proficient	22.79 %	31
		All	100.00 %	136
8th Grade	Proficient	85.21 %	121	
	Not Proficient	14.79 %	21	
	All	100.00 %	142	

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Question #3 - How did sub-groups of students in my school perform in reading, writing and mathematics this year?

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".
- Use the "NECAP Teaching Year Demographics" object to analyze the data by student demographics from the previous/teaching year.
- For testing year demographics, use the following typical objects and attributes you would for most queries.
 - "Student" object for "Gender", "Race/Ethnicity", "National School Lunch Program Eligibility", "504 Plan", "EST Plan"
 - "SPED - Other Info" object for "SPED Flag"
 - "ELL/Immigrant" object for "ELL Flag"
 - "Migrant" object for "Migrant Flag"

Examples for Question #3: After you run your query the results should look similar to the screenshot below. You could place your school/district name or the sub-group attributes on either the row or the column, and use a teaching or testing year demographic listed above in place of the Teaching Year Gender attribute used below.

			Time	
			2007-2008	
			Results	
			% Down	Value
Organization.Organization...	NECAP Teaching Year Dem...	NECAP Reading Results.Ac...		
Aiken 367	Female	Proficient	83.90 %	297
		Not Proficient	16.10 %	57
		All	100.00 %	354
	Male	Proficient	69.61 %	268
		Not Proficient	30.39 %	117
		All	100.00 %	385

If you move the Gender attribute to the column and resize the columns, the results look like this:

			Time			
			2007-2008			
			NECAP Teaching Year Demographics.Gender			
			Female		Male	
			Results			
			% Down	Value	% Down	Value
Organization.Organization...	NECAP Reading Results.Ac...					
Aiken 367	Proficient		83.90 %	297	69.61 %	268
	Not Proficient		16.10 %	57	30.39 %	117
	All		100.00 %	354	100.00 %	385

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Question #4a - How did our school compare to our SU and the State this year? (Achievement Levels)

General Info:

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Math Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Steps to create results similar to the example below:

- Drag your SU from the "Administrative Name" attribute in the "Organization" object.
- Right-click on your SU and select "All Coordinate"
- Drag your school from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object and stack on top of your SU like this:

		Time	2007-2008
		Results	% Down Value
Organization.Administrative ID Scramble	NECAP Reading Results.Achievement Level Groupi...		
Aiken 958	Proficient		
All	Not Proficient		
	All		
			Measures (Count of Student)

Example for Question #4a: After you run your query the results should look similar to the screenshot below.

		Time	2007-2008	
		Results	% Down Value	
Organization.Organization ID - State Scramble Organization.Ad...	NECAP Reading Results.Ac...			
	Proficient	76.64 %	584	
Organization.Organization ID - State Scramble:Aiken 367	Not Proficient	23.36 %	178	
	All	100.00 %	762	
	Proficient	80.73 %	1,546	
Organization.Administrative ID Scramble:Aiken 958	Not Proficient	19.27 %	369	
	All	100.00 %	1,915	
	Proficient	69.75 %	27,754	
Organization.Administrative ID Scramble:All	Not Proficient	30.25 %	12,037	
	All	100.00 %	39,791	

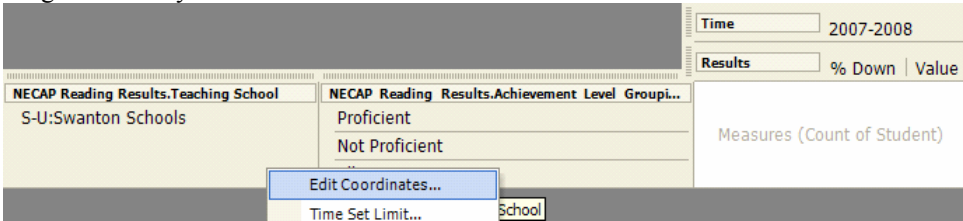
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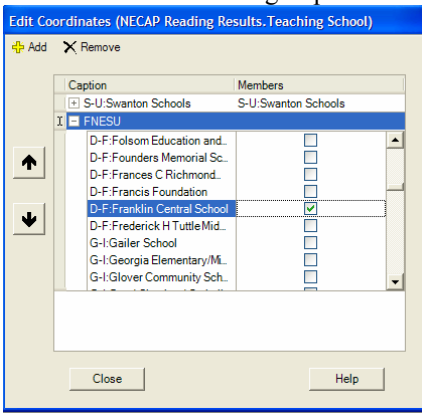
Question #4b - How did our school compare to our SU and the State this year? (Achievement Levels)

Steps to create results similar to the example below:

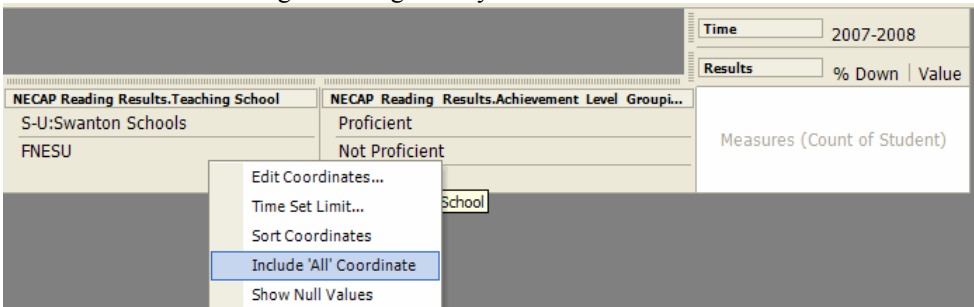
- Drag your school from the "Teaching School" attribute in the "NECAP Reading Results" object.
- Right-click on your school and select "Edit Coordinates"



- Add a new coordinate and give it your own caption. Then scroll through the list of schools and add all the schools in your SU to create this new "custom group".



- Click "close" and then right-click again on your school and select the "All Coordinate".



Example for Question #4b: After you run your query the results should look similar to the screenshot below.

		Time	
		2007-2008	
		Results	
		% Down	Value
NECAP Reading Results.Te...	NECAP Reading Results.Ac...		
My School	Deficient	66.14 %	1,098
	Not Proficient	33.86 %	562
	All	100.00 %	1,660
My SU	Proficient	69.30 %	1,569
	Not Proficient	30.70 %	695
	All	100.00 %	2,264
All	Proficient	69.75 %	27,754
	Not Proficient	30.25 %	12,037
	All	100.00 %	39,791



Question #4c - How did our school compare to our SU and the State this year? (Scaled Scores)

General Info:

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.

Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Steps to create results similar to the example below:

- Drag your SU from the "Administrative Name" attribute in the "Organization" object.
- Right-click on your SU and select "All Coordinate"
- Drag your school from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object and stack on top of your SU like this:

Time	2007-2008
Measures	Mean of NECAP Rdg SS Mean of NECAP Rdg SS (n)
Organization.Administrative ID Scramble	Results (Value)
Aiken 958	
All	

Example for Question #4c: After you run your query the results should look similar to the screenshot below.

Time	2007-2008	
Measures	Mean of NECAP Rdg SS Mean of NECAP Rdg SS...	
Organization.Organization ID - State Scramble Organization.Adminis...		
Organization.Organization ID - State Scramble:Aiken 367	47.95	762.00
Organization.Administrative ID Scramble:Aiken 958	49.68	1,915.00
Organization.Administrative ID Scramble:All	45.72	39,792.00

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Question #5 - Can I compare my school's performance to other schools in my SU?

General Info:

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Steps to create results similar to the example below:

- Drag your SU name from the "Administrative Name" attribute in the "Organization" object and place it to the left of the "Testing School". (Note: You could replace "Testing School" with "Organization Name" from the "Organization" object and get the same results.)

			Time	2007-2008
			Results	% Down Value
Organization.Administrativ...	Organization.Organization...	NECAP Reading Results.Achievement Level Groupi...		
Aiken 958	Aiken 169	Proficient		
	Aiken 367	Not Proficient		
	Aiken 781	All		
	Aiken 790			

Measures (Count of Student)

Example for Question #5: After you run your query the results should look similar to the screenshot below.

			Time	2007-2008
			Results	% Down Value
Organization.Administrativ...	Organization.Organization...	NECAP Reading Results.Ac...		
Aiken 958	Organization.Administrative ID Scramble	Proficient	89.64 %	277
		Not Proficient	10.36 %	32
		All	100.00 %	309
	Aiken 367	Proficient	76.64 %	584
		Not Proficient	23.36 %	178
		All	100.00 %	762
	Aiken 781	Proficient	83.99 %	451
		Not Proficient	16.01 %	86
		All	100.00 %	537
	Aiken 790	Proficient	76.22 %	234
		Not Proficient	23.78 %	73
		All	100.00 %	307

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Question #6 - Can I compare my school's performance to any other school in the State?

This query is a "starter" template for exploring the NECAP Math Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Math Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Steps for Question #6: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

- Drag your school from the "Testing School" or "Teaching School" attributes in the "NECAP Results" object.
- Find another school you want to compare your school to in the same list and "stack" it either above or below your school.
- Run the query.

		Time	2007-2008	
		Results	% Down	Value
Organization.Organization ID - State Scramble	NECAP Math Results.Achievement Level Grouping			
Aiken 367	Proficient			
	Not Proficient			
	All			
		Measures (Count of Student)		

Example for Question #6: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time	2007-2008	
		Results	% Down	Value
Organization.Organization ...	NECAP Math Results.Achie...			
Aiken 367	Proficient	78.08 %	595	
	Not Proficient	21.92 %	167	
	All	100.00 %	762	
Aiken 102	Proficient	41.18 %	21	
	Not Proficient	58.82 %	30	
	All	100.00 %	51	



Question #7: Has the percentage of proficient students in my school improved over time?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #7: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time					
		2005-2006		2006-2007		2007-2008	
		Results					
		% Down	Value	% Down	Value	% Down	Value
Organization.Organization ...	NECAP Reading Results.Ac...						
Aiken 367	Proficient	75.77 %	588	80.52 %	620	76.64 %	584
	Not Proficient	24.23 %	188	19.48 %	150	23.36 %	178
	All	100.00 %	776	100.00 %	770	100.00 %	762



Question #8: Have the average scaled scores in my school improved over time?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #8: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time		
		2005-2006	2006-2007	2007-2008
Organization.Organization...	Measures			
Aiken 367	Mean of Reading Scaled Score	46.88	50.24	49.25
	Mean of Reading Scaled Score (n)	260.00	234.00	264.00
	Mean of Writing Scaled Score	41.23	45.54	44.44
	Mean of Writing Scaled Score (n)	258.00	234.00	264.00
	Mean of Math Scaled Score	46.33	47.95	47.81
	Mean of Math Scaled Score (n)	260.00	234.00	264.00

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Question #9a - Can I create a roster with the achievement levels of all my students over time?

This query is a "starter" template for exploring the NECAP Reading Results object.

- This query and #9b show two different ways to create a roster of your students' NECAP results. #9a uses the "query view" and #9b uses the "list view".
- The count of "1" in #9a shows the achievement level each student achieved.
- As a modification, you could "stack" the NECAP Math Achievement Level and the NECAP Writing to the right of the last NECAP Reading enumeration and have all results in one query. This might not be easy to read/interpret, however.

Example for Question #9a: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

Time	NECAP Readi...	Student.Student Name...	Student.Stu...	Organization...	Organizat...	Organization...	Organization.Organization...
2007-2008	3rd Grade	ABNEY, J. M.	8863535	Blueberry Hil...	Blueberr...	Blueberry Hi...	Blueberry Hill Elementa...
2007-2008	3rd Grade	ANDREASEN, J. B.	8890522	NECAP Readin...	NECAP Re...	NECAP Readi...	NECAP Reading Results.Ac...
2007-2008	3rd Grade	CARDI, H. M.	8860811	Substantially...	Partially...	Proficient	Proficient with Distinction
2007-2008	3rd Grade	LAVILETT, C. L.	8880284			1	
2007-2008	3rd Grade	LEASE, D. T.	8890914			1	
2007-2008	3rd Grade	RAFFERTY, P. H.	8890917			1	
2007-2008	3rd Grade	RAUSCH, P. C.	8890915	1			
2007-2008	3rd Grade	ROHANE, T. E.	8890916			1	
2007-2008	3rd Grade	SHILOVA, C. H.	8894436		1		
2007-2008	3rd Grade	TOUSSAINT, R. E.	8890919			1	
2007-2008	3rd Grade	YASEWICZ, R. A.	8890920			1	
2007-2008	4th Grade	ARNARDO, C. S.	8847314		1		
2007-2008	4th Grade	BENNION, E. S.	8872999			1	
2007-2008	4th Grade	BERTE, M. P.	8883406			1	
2007-2008	4th Grade	BURTCH, D. E.	8873000			1	



Question #9b - Can I create a roster with the achievement levels of all my students over time?

This query is a "starter" template for exploring the NECAP Reading and Math Results object.

- This query and #9a show two different ways to create a roster of your students' NECAP results. #9a uses the "query view" and #9b uses the "list view".
- This query shows both achievement levels as well as scaled scores for both reading and mathematics grades 3 – 8 in one query. Another query adds writing, but will only show results for all three test areas for grades 5 and 8.
- Only students that your security access allows you to see will be shown in this query.
- If you need to filter further, click on the "constraint chain" icon and use the wizard to further filter for a specific school.

Example for Question #9b: After you run your query the results should look similar to the screenshot below.

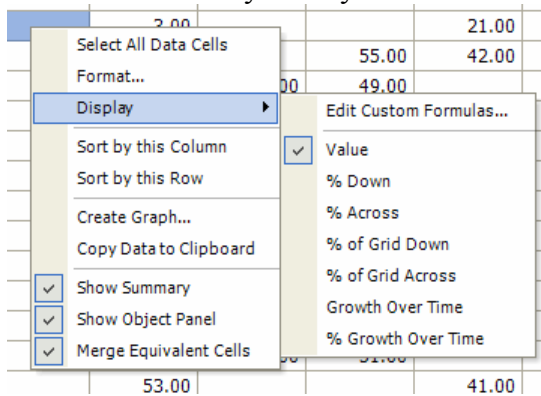
Organizati...	Student.S...	Student.Student N...	Organi...	NECAP Re...	NEC...	NECAP Reading Results.Achi...	NE...	NECAP Math
Aiken 147	8803881	ARIOLOI, D. I.	2005-2006	6th Grade	58	Proficient	42	Proficient
Aiken 147	8769043	DRAGOSLJVICH, H. T.	2005-2006	7th Grade	49	Proficient	38	Partially Prof
Aiken 162	8849768	CHAMPION, J. S.	2005-2006	4th Grade	51	Proficient	55	Proficient wi
Aiken 162	8849768	CHAMPION, J. S.	2006-2007	5th Grade	53	Proficient	55	Proficient wi
Aiken 162	8800246	INGEMI, T. M.	2005-2006	6th Grade	39	Partially Proficient	34	Partially Prof
Aiken 168	8877563	DOIRON, G. M.	2005-2006	3rd Grade	60	Proficient with Distinction	55	Proficient wi
Aiken 168	8869918	MEDVE, L. E.	2005-2006	5th Grade	48	Proficient	50	Proficient
Aiken 168	8868135	MOHAMMED, M. A.	2006-2007	4th Grade	26	Substantially Below Proficient	28	Substantiall
Aiken 168	8813786	PEYCO, K. S.	2006-2007	6th Grade	28	Substantially Below Proficient	0	Substantiall
Aiken 169	8834200	JACQUES, K. G.	2005-2006	5th Grade	42	Proficient	36	Partially Prof
Aiken 169	8844810	JAENTSCHKE, O. C.	2005-2006	7th Grade	46	Proficient	45	Proficient
Aiken 17	8833948	WOODSON, S. D.	2005-2006	5th Grade	38	Partially Proficient	30	Substantiall
Aiken 17	8833948	WOODSON, S. D.	2006-2007	6th Grade	47	Proficient	41	Proficient
Aiken 242	8834499	CHARLESBOIS, C. J.	2005-2006	6th Grade	42	Proficient	38	Partially Prof
Aiken 242	8834499	CHARLESBOIS, C. J.	2006-2007	7th Grade	30	Partially Proficient	43	Proficient
Aiken 242	8771626	JACQUET, A. K.	2005-2006	5th Grade	53	Proficient	64	Proficient wi



Question #10 - Can I create a roster with the scaled scores for all my students over time?

This query is a "starter" template for exploring the NECAP Reading, Writing and Math Results objects.

- When you run this query it will show only student records that your security access allows you to view.
- You can drag "Teaching School" or "Testing School" or other attributes like "Testing Grade Level" into the query for additional information and sorting options.
- You could also right-click on the data, select "display" and select "Growth Over Time" to see the change for each student from year to year.



Example for Question #10: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Measures								
		Rdg SS			Math SS			Wtg SS		
		Time								
		2005-2006	2006-2007	2007-2008	2005-2006	2006-2007	2007-2008	2005-2006	2006-2007	2007-2008
Student.Student Name Scr...	Student.Student ID - State...									
ABRAMOWITZ, N. T.	8831262	51.00	55.00		51.00	55.00			50.00	
ABNEY, J. M.	8863535			3.00			21.00			
ABRAMSKI, A. J.	8874847		55.00	50.00		55.00	42.00			
ABUI, Z. E.	8830132	41.00	50.00		45.00	49.00			47.00	
ADORISIO, M. C.	8873256		46.00	45.00		46.00	47.00			
ADORNO, C. J.	8909732	45.00	39.00	46.00	32.00	30.00	38.00			35.00
AHSLEY, T. M.	8802622	41.00	45.00	41.00	38.00	39.00	35.00			31.00
AKINS, D. R.	8831283	16.00	30.00	34.00	23.00	28.00	35.00			25.00

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



Question #11a - Can I review the performance of a cohort of student that has remained enrolled in my school over time?

This query is a "starter" template for exploring the NECAP Math Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Math Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #11a: After you run your query the results should look similar to the screenshots below.

		NECAP Math Results.Achievement Level					
		Subs...	Partial...	Pro...	Proficient with...	All	
on Schools	2005-2006	3rd Grade	35	20	25	4	84
		4th Grade	34	13	22	4	73
		5th Grade	36	15	25	9	85
		6th Grade	37	21	31	4	93
		7th Grade	33	27	34	6	100
	2006-2007	3rd Grade	21	16	30	9	76
		4th Grade	24	25	29	7	85
		5th Grade	27	19	23	4	73
		6th Grade	22	16	29	13	80
		7th Grade	25	25	38	7	95
	2007-2008	3rd Grade	16	20	42	6	84
		4th Grade	15	26	30	5	76
		5th Grade	28	18	29	7	82
		6th Grade	22	17	25	10	74
		7th Grade	16	21	27	13	77

- Go to Edit --> Matching Wizard
- Select "Student" for "Object to Match"
- Select "NECAP Math Results" for "Ensuring Object" and "Achievement Level" for "Ensuring Attribute"
- Select the cohort you want to follow using the CTRL key.

•Your final results will look something like the ones below:

		NECAP Math Results.Achievement Level					
		Sub...	Partial...	Profi...	Proficient with...	All	
on Schools	2005-2006	3rd Grade	26	18	22	4	70
	2006-2007	4th Grade	19	23	21	7	70
	2007-2008	5th Grade	23	14	26	7	70

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



Question #11b - Can I review the performance of a cohort of student that has remained enrolled in my school over time?

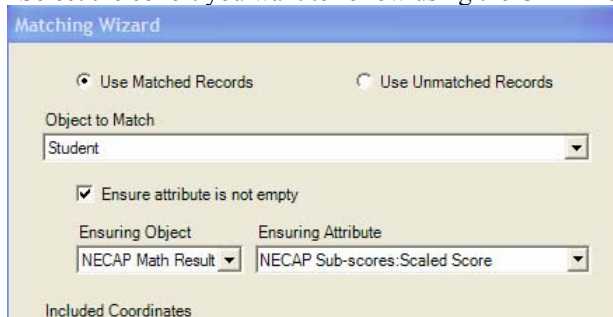
This query is a "starter" template for exploring the NECAP Math Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Math Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #11b: After you run your query the results should look similar to the screenshots below.

sults.Teach...	Time	NECAP Math Results.Testin...	Measures	
			Mean of Student	Mean of Student (n)
n Schools	2005-2006	3rd Grade	35.97	77.00
		4th Grade	37.41	59.00
		5th Grade	38.00	83.00
		6th Grade	37.03	91.00
		7th Grade	37.32	98.00
	2006-2007	3rd Grade	38.55	76.00
		4th Grade	37.73	85.00
		5th Grade	35.84	73.00
		6th Grade	39.76	80.00
		7th Grade	38.14	95.00
	2007-2008	3rd Grade	40.17	84.00
		4th Grade	39.21	76.00
5th Grade		37.60	82.00	
6th Grade		38.91	74.00	
		7th Grade	41.04	77.00

- Go to Edit --> Matching Wizard
- Select "Student" for "Object to Match"
- Select "NECAP Math Results" for "Ensuring Object" and "Achievement Level" for "Ensuring Attribute"
- Select the cohort you want to follow using the CTRL key.



- Your final results will look something like the ones below:

NECAP Math Results.Teach...	Time	NECAP Math Results.Testin...	Measures	
			Mean of Student	Mean of Student (n)
S-U:Swanton Schools	2005-2006	3rd Grade	36.71	65.00
	2006-2007	4th Grade	39.25	65.00
	2007-2008	5th Grade	40.23	65.00

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



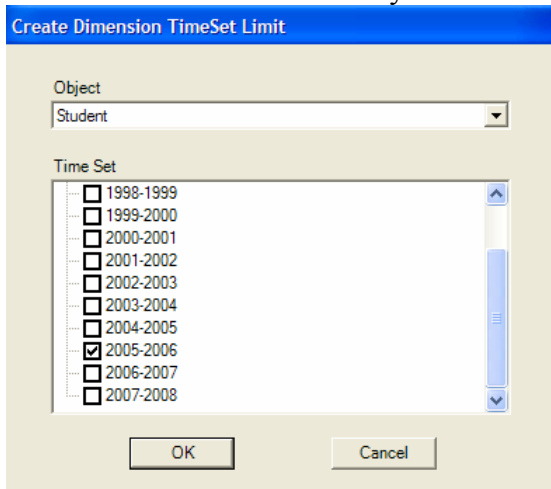
Question #12 - Can I review the performance of students that were enrolled in my school but are now in a middle or high school?

This query is a "starter" template for exploring the NECAP Math Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Math Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Math Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #12: After you run your query the results should look similar to the screenshot below.

- Do NOT select a time period from the calendar icon.
- Place the first grade level you want to analyze on the row and the other on the column.
- Place the school you want to analyze on the row and the column (maybe different schools)
- Right-click on each coordinate and select "Time Set Limit". Select "Student" as the "Object" and then select the correct "Time Period" for your cohort.



- After you select "Time Set Limits" for each coordinate, run the query and review your results.

		NECAP Math Results.Testing Grade Level (Student:2007-2008)					
		8th Grade					
		NECAP Math Results.Achievement Level (Student:2007-2008)					
		Substantiall...	Partially Pr...	Proficient	Proficient wit...	All	
NECA...	NECAP Mat...	NECAP Math Results.Achie...					
S-U...	6th Gra...	Substantially Below P...	19	9	3	31	
		Partially Proficient	2	10	6	18	
		Proficient	1	3	24	4	32
		Proficient with Distinc...			2	1	3
		All	22	22	35	5	84



Question #13 - Did I have any students take out-of-level assessments?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #13: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time		
		2005-2006	2006-2007	2007-2008
Organization.Organization...	NECAP Reading Results.Ou...			
Aiken 367	Out of Level Test	4		
	On Level Test	772	770	762



Question #14 - What accommodations were used for each assessment for my school?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #14: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time		
		2005-2006	2006-2007	2007-2008
Organization.Organization...	NECAP Reading Results.Accommodations			
Aiken 367	Standard Process	725	687	673
	Alternative Settings:Test individually in a separate location	15	14	8
	Alternative Settings:Test in a small group in a separate location	21	57	56
	Alternative Settings:Test in locations with minimal distractions	22	21	20
	Alternative Settings:Preferential seating	5	2	9
	Alternative Settings:Test with special education personnel	10	11	2
	Alternative Settings:Test with other school personnel	11	3	10
	Alternative Settings:Test with school personnel at a non-school...	1		
	Scheduling and Timing:Test at a time that takes into account m...		3	1
	Scheduling and Timing:Allow short, supervised breaks during te...	2	21	7
	Scheduling and Timing:Allow extended time.	6	13	31
	Presentation Formats:Student reads test aloud to self	1	4	4
	Presentation Formats:Translate directions into other language			1
	Presentation Formats:Underline key information in directions	1		8
	Presentation Formats:Reduction of visual print by blocking or ot...			1
	Presentation Formats:Acetate shield			1
	Response Formats:Use of word processor or computer (no spell...	2	2	
	Response Formats:Hand writes response on a separate paper	1	2	
	Response Formats:Indicates response to multiple choice items	1	2	3
	Response Formats:Student dictates constructed responses usin...	9	18	22



Question #15 - Can I find out the “teaching school” for all the students tested in my school?

This query is a "starter" template for exploring the NECAP Reading Results object.

- Drag your school to either the row or the column from the "Testing School" in the NECAP Reading Results object. (Note: If you are going to drag more than one school at a time, you should place it on the row for better readability.)

Example for Question #15: After you run your query the results should look similar to the screenshot below.

NECAP Reading Results.Testing School						
A-C:Addison Central School						
Time						
2005-2006		2006-2007		2007-2008		
Results						
Value	% Down	Value	% Down	Value	% Down	
NECAP Reading Results.Te...						
A-C:Addison Central S...	78	92.86 %	74	94.87 %	70	93.33 %
D-F:Fair Haven Grade...	1	1.19 %				
M-O:Middlebury ID #...			1	1.28 %		
M-O:Orwell Village Sc...					2	2.67 %
S-U:Salisbury Commu...	1	1.19 %				
Organization Name U...	4	4.76 %	3	3.85 %	3	4.00 %
All	84	100.00 %	78	100.00 %	75	100.00 %



Question #16a - Can I compare reading and math achievement levels for the same students at my school?

This query is a "starter" template for exploring the NECAP Reading and Math Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #16a: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time	
		2007-2008	
		NECAP Math Results.Achievement Level Grouping	
		Proficient	Not Proficient
Organization.Organization...	NECAP Reading Results.Ac...		
Aiken 367	Proficient	539	45
	Not Proficient	56	122

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Question #17 - Can I disaggregate my data by the “optional groupings” that our school personnel bubbled on the test booklets?

This query is a "starter" template for exploring the NECAP Reading Results object.

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.
- Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Example for Question #17: After you run your query the results should look similar to the screenshot below.

- You can place your school/district name on either the row or the column.
- You can replace "Optional Report Group A" with any of the other "Optional Groupings" if your school bubbled them in at the time of testing.
- The DOE and VDC do not know what the "optional groupings" mean for your school. Only local school personnel know what the crosswalk between the NECAP optional grouping codes and the actual group of students in your school.

			Time	
			2007-2008	
			Results	
			% Down	Value
Organization.Organization...	NECAP Reading Results.Optional Grou...	NECAP Reading Results.Ac...		
Aiken 121	Optional Report A - 1	Proficient	64.84 %	59
		Not Proficient	35.16 %	32
		All	100.00 %	91
	Optional Report A - 2	Proficient	60.00 %	54
		Not Proficient	40.00 %	36
		All	100.00 %	90
	Optional Report A - 3	Proficient	75.56 %	68
		Not Proficient	24.44 %	22
		All	100.00 %	90
	Optional Report A - 4	Proficient	68.89 %	62
		Not Proficient	31.11 %	28
		All	100.00 %	90
Optional Report A - Not Applica...	Not Proficient	100.00 %	13	
	All	100.00 %	13	



Question #18 - Can I find the cut points for each achievement level and each test level?

This query is a "starter" template for exploring the NECAP Reading Results object

- This query can be used at the statewide level to show where the cut points are for each test level. You can drag in your "Teaching School" or "Testing School" to see how close your students were to each cut point.
- You can also leave the query at the state level and "drill-through" on any cell - only the students that your security access allows you to see will appear in the list view.
- Right-click on the scaled score column and choose "Sort Coordinates" if the scaled scores are not sorting ascending.

Example for Question #18: After you run your query the results should look similar to the screenshot below. (You could place your school/district name on either the row or the column.)

		Time		
		2007-2008		
		NECAP Reading Results.Out of Level Flag		
		On Level Test		
		NECAP Reading Results.Achievement Level		
		Substantially Below Pro...	Partially Proficient	Proficient
Grade 3 Test	31		79	
	32		90	
	33		96	
	35		91	
	36		108	
	37		112	
	38		136	
	39		268	
	41			168
	42			198
	43			209
	44			220
	45			280
	46			301
	48			292
49			318	



Question #19 - How do I look at differences in content areas using the raw scores?

General Info:

- To filter the data by "Testing School" drag the school you want to analyze from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object.
- To filter the data by "Teaching School" drag the school you want to analyze from the "Teaching School" attribute in the "NECAP Reading Results" object.
- To filter the data by "Testing SU" drag the SU you want to analyze from the "Administrative Name" attribute in the "Organization" object.

Note: Currently, no "Teaching SU" attribute exists. To create a "Teaching SU", pull your school into the query from the "Teaching School" attribute and right-click on "Edit Coordinates". Change the caption to "Teaching SU" and then click on the "+" to see all teaching schools. Select the other teaching schools that make up your SU from the members list and you have created your own "Teaching SU".

Steps to create results similar to the example below:

- Drag your SU from the "Administrative Name" attribute in the "Organization" object.
- Right-click on your SU and select "All Coordinate"
- Drag your school from the "Testing School" attribute in the "NECAP Reading Results" object or the "Organization Name" from the "Organization" object and stack on top of your SU like this:

Time	2007-2008
Measures	Mean of Word ID Mean of Literary Mean of Info Mean of Initial Und
Organization.Administrative ID Scramble	Results (Value)
Aiken 958	
All	

Example for Question #19: After you run your query the results should look similar to the screenshot below.

	Time				
	2007-2008				
	Measures				
	Mean of Word ID	Mean of Literary	Mean of Info	Mean of Initial Und	Mean of A & I
Organization.Organization ID - State Scramble Organization.Adm...					
Organization.Organization ID - State Scramble:Aiken 367	10.25	12.20	11.84	12.79	11.25
Organization.Administrative ID Scramble:Aiken 958	10.36	12.69	12.26	13.14	11.81
Organization.Administrative ID Scramble:All	9.75	11.73	11.17	12.14	10.76

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



Introduction: One piece of information needed to use these scores is the possible points. These are currently not available in the NECAP Results objects, so they are provided in the table below.

Assessment	Sub-scores	Test Level	2005-2006	2006-2007
NECAP Reading	Word ID & Vocabulary	3	20	19
		4	20	20
		5	10	10
		6	10	10
		7	10	10
		8	10	10
	Literary	3	16	16
		4	16	14
		5	21	21
		6	21	21
		7	21	22
		8	22	20
	Informational	3	16	17
		4	16	18
		5	21	20
		6	21	21
		7	21	20
		8	20	22
	Initial Understanding	3	12	20
		4	20	20
		5	26	22
		6	21	21
		7	17	18
		8	18	17
	Analysis & Interpretation	3	20	13
		4	12	12
		5	16	20
		6	21	21
7		25	24	
8		24	25	
NECAP Writing	Structures of Language & Writing Conventions	5	10	10
		8	10	10
	Short Responses	5	12	12
		8	12	12
	Extended Response	5	15	15
		8	15	15
NECAP Mathematics	Numbers & Operations	3	35	35
		4	32	32
		5	30	30
		6	26	26

Top Questions for Using the EDW for NECAP Analysis – DRAFT – 3/5/08



		7	20	20
		8	13	13
	Geometry & Measurement	3	10	10
		4	13	13
		5	13	14
		6	17	17
		7	15	16
		8	16	16
	Functions & Algebra	3	10	10
		4	10	10
		5	13	12
		6	13	13
		7	19	19
		8	27	27
	Data, Statistics & Probability	3	10	10
		4	10	10
		5	10	10
		6	10	10
		7	11	11
		8	10	10