

# New England Common Assessment Program



## Using the Fall 2012 NECAP Results



# Welcome and RIDE Introductions

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# Measured Progress Introductions

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# Goals of the Workshop

- ✓ Share State results
- ✓ Review the different types of NECAP reports
- ✓ Find a *Pattern of Need* in the Fall 2012 NECAP results data



Report available online at:  
[www.ride.ri.gov/NECAP](http://www.ride.ri.gov/NECAP)

# Rhode Island's NECAP Math, Reading, and Writing Results for Grades 3-8 & 11

*October 2012 Test Administration*

Supplemental Data: Class of 2012 High School Graduation Rates

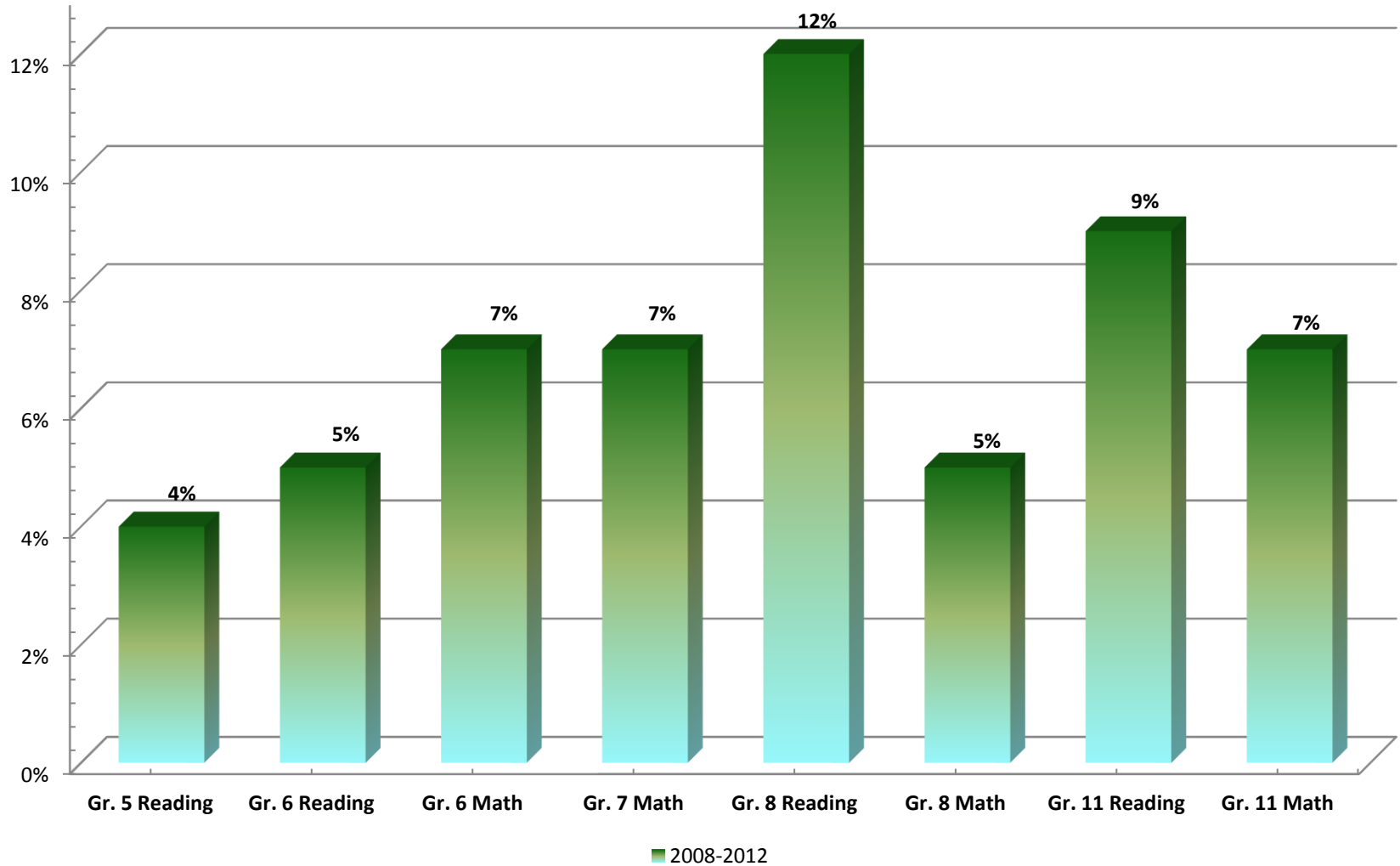


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[v.02.01.13]

# Five-Year Increases in Achievement



# Student Group Performance on NECAP

- ❖ All student subgroups except for students with IEPs improved in Reading and Math since 2008.
- ❖ Largest gains by LEP Monitored students in Reading and Math with 18 and 17 point gains respectively.
- ❖ Achievement gaps in Reading and Math continue to narrow for LEP and low-income students in grades 3 and 4.



# Achievement Gaps

- ❖ Achievement gaps between student with IEPs and students without IEPs continue to widen at all grade levels in Reading and Math.
- ❖ Gaps between LEP and Non-LEP students and between Low-Income and Non-Low-Income students continue to narrow since 2005 in Reading and Math for students in grades 3 and 4.
- ❖ Widest gaps are found in Reading at Grade 11



# District/LEA Performance on NECAP

- ❖ Very little change at the district/LEA-level in terms of student achievement in Reading or Math.
- ❖ Only one of Rhode Island's 54 districts/LEAs posted a significant gain in Reading and only one in Math (one also posted a significant drop in Math).
- ❖ Over the five-year period from 2008 to 2012, however there were far more districts/LEAs that posted gains in Reading (n=21) and Math (n=25).

# School Performance on NECAP

- ❖ Compared to last year, only 5 schools posted significant gains in Reading (3 high schools, 2 elementary) while 9 schools posted significant gains in Math (7 high schools, 2 elementary).
- ❖ Compared to 5 years ago, 43 schools made significant gains in Reading and 50 schools made gains in Math.



# Comparison of NECAP States by Achievement Level: Fall 2012 Reading Test Results for Grades 3, 4, and 5.

Grade	State	<i>SBP</i>	<i>PP</i>	<i>P</i>	<i>PwD</i>	<i>P+PwD</i>	Change from 2011	Average SS
<b>3</b>	<b>RI</b>	<b>12</b>	<b>18</b>	<b>55</b>	<b>15</b>	<b>70</b>	<b>-2</b>	<b>346</b>
3	ME	12	20	56	12	69	-4	345
3	NH	7	15	60	18	78	-3	348
3	VT	13	19	54	14	68	-5	345
<b>4</b>	<b>RI</b>	<b>12</b>	<b>18</b>	<b>49</b>	<b>20</b>	<b>69</b>	<b>-1</b>	<b>446</b>
4	ME	11	20	52	17	69	-1	445
4	NH	7	15	56	22	78	-1	448
4	VT	12	18	50	20	70	-1	446
<b>5</b>	<b>RI</b>	<b>10</b>	<b>18</b>	<b>51</b>	<b>21</b>	<b>72</b>	<b>+3</b>	<b>547</b>
5	ME	7	21	56	15	71	3	546
5	NH	6	17	58	19	78	1	548
5	VT	10	19	53	19	72	+2	546

# Comparison of NECAP States by Achievement Level: Fall 2012 Mathematics Test Results for Grades 3, 4, and 5.

Grade	State	<i>SBP</i>	<i>PP</i>	<i>P</i>	<i>PwD</i>	<i>P+PwD</i>	Change from 2011	Average SS
<b>3</b>	<b>RI</b>	<b>20</b>	<b>21</b>	<b>43</b>	<b>17</b>	<b>59</b>	<b>-1</b>	<b>342</b>
3	ME	15	23	47	15	62	-2	343
3	NH	9	17	49	25	74	-2	346
3	VT	15	20	47	18	65	-1	344
<b>4</b>	<b>RI</b>	<b>17</b>	<b>18</b>	<b>43</b>	<b>22</b>	<b>64</b>	<b>0</b>	<b>444</b>
4	ME	15	20	46	20	65	-1	444
4	NH	8	15	47	30	77	+1	448
4	VT	14	18	45	23	68	-2	445
<b>5</b>	<b>RI</b>	<b>21</b>	<b>17</b>	<b>43</b>	<b>19</b>	<b>62</b>	<b>0</b>	<b>543</b>
5	ME	19	19	45	17	62	-2	543
5	NH	12	14	48	26	74	-2	547
5	VT	19	16	44	21	65	0	544

# Comparison of NECAP States by Achievement Level: Fall 2012 Reading Test Results for Grades 6, 7, and 8.

Grade	State	<i>SBP</i>	<i>PP</i>	<i>P</i>	<i>PwD</i>	<i>P+PwD</i>	Change from 2011	Average SS
<b>6</b>	<b>RI</b>	<b>10</b>	<b>17</b>	<b>56</b>	<b>17</b>	<b>73</b>	<b>0</b>	<b>647</b>
6	ME	8	21	59	12	71	-1	646
6	NH	6	15	61	18	79	-1	649
6	VT	9	17	57	16	73	-2	647
<b>7</b>	<b>RI</b>	<b>11</b>	<b>19</b>	<b>52</b>	<b>18</b>	<b>71</b>	<b>-1</b>	<b>747</b>
7	ME	10	21	54	14	69	-1	746
7	NH	7	17	57	20	76	-1	749
7	VT	9	17	52	22	74	0	749
<b>8</b>	<b>RI</b>	<b>7</b>	<b>16</b>	<b>52</b>	<b>25</b>	<b>77</b>	<b>0</b>	<b>850</b>
8	ME	6	17	57	19	77	0	848
8	NH	5	14	57	25	82	0	851
8	VT	6	14	52	28	80	+1	851

# Comparison of NECAP States by Achievement Level: Fall 2012 Mathematics Test Results for Grades 6, 7, and 8.

Grade	State	<i>SBP</i>	<i>PP</i>	<i>P</i>	<i>PwD</i>	<i>P+PwD</i>	Change from 2011	Average SS
<b>6</b>	<b>RI</b>	<b>22</b>	<b>16</b>	<b>41</b>	<b>21</b>	<b>62</b>	<b>0</b>	<b>642</b>
6	ME	19	18	44	20	64	-1	643
6	NH	13	14	45	29	74	+2	646
6	VT	17	15	44	23	68	0	644
<b>7</b>	<b>RI</b>	<b>23</b>	<b>19</b>	<b>39</b>	<b>20</b>	<b>59</b>	<b>+2</b>	<b>742</b>
7	ME	20	21	39	20	59	-2	742
7	NH	17	17	42	27	69	+1	745
7	VT	20	18	40	21	61	-2	743
<b>8</b>	<b>RI</b>	<b>24</b>	<b>18</b>	<b>42</b>	<b>16</b>	<b>58</b>	<b>0</b>	<b>841</b>
8	ME	20	19	45	16	61	+1	842
8	NH	15	17	47	21	67	-1	844
8	VT	18	18	44	20	64	0	843

# Comparison of NECAP States by Achievement Level: Fall 2012 Reading and Mathematics Test Results for Gr. 11.

Grade	State	Subject	SBP	PP	P	PwD	P+PwD	Change from 2011	Average SS
<b>11</b>	<b>RI</b>	<b>Reading</b>	<b>8</b>	<b>15</b>	<b>46</b>	<b>33</b>	<b>79</b>	<b>+2</b>	<b>1148</b>
11	NH	Reading	8	15	48	29	77	0	1148
11	VT	Reading	10	16	43	31	74	+2	1147
<b>11</b>	<b>RI</b>	<b>Math</b>	<b>40</b>	<b>26</b>	<b>32</b>	<b>2</b>	<b>34</b>	<b>+4</b>	<b>1135</b>
11	NH	Math	36	26	35	2	38	+2	1136
11	VT	Math	38	24	35	3	38	+2	1136

# Percentage of Rhode Island Students by Achievement Level in Reading: 2008, 2011, 2012

Gr.	% SBP 2008	% PP 2008	% P 2008	% PwD 2008	Total % Prof. 2008	% SBP 2011	% PP 2011	% P 2011	% PwD 2011	Total % Prof. 2011	% SBP 2012	% PP 2012	% P 2012	% PwD 2012	Total % Prof. 2012	Difference in Total % Proficient: 2008-2012	Difference in Total % Proficient: 2011-2012
3 <sup>rd</sup>	13	18	51	18	70	11	17	52	21	72	12	18	55	15	70	1	-2
4 <sup>th</sup>	12	20	48	20	68	12	18	48	23	71	12	18	49	20	69	1	-1
5 <sup>th</sup>	11	21	53	15	68	11	20	49	20	68	10	18	51	21	72	4	3
6 <sup>th</sup>	11	21	55	13	68	9	18	51	22	73	10	17	56	17	73	5	0
7 <sup>th</sup>	9	20	56	15	71	10	18	55	17	71	11	19	52	18	71	-1	-1
8 <sup>th</sup>	12	23	51	14	65	7	16	52	26	77	7	16	52	25	77	12	0
11 <sup>th</sup>	11	20	51	18	69	8	15	45	31	77	8	14	46	33	79	9	2



# Percentage of Rhode Island Students by Achievement Level in Math: 2008, 2011, 2012

Gr.	% SBP 2008	% PP 2008	% P 2008	% PwD 2008	Total % Prof. 2008	% SBP 2011	% PP 2011	% P 2011	% PwD 2011	Total % Prof. 2011	% SBP 2012	% PP 2012	% P 2012	% PwD 2012	Total % Prof. 2012	Difference in Total % Proficient: 2008-2012	Difference in Total % Proficient: 2011-2012
3 <sup>rd</sup>	19	21	44	16	60	20	20	42	18	60	20	21	43	17	59	-1	-1
4 <sup>th</sup>	17	20	44	19	63	18	18	43	22	65	17	18	43	22	64	1	0
5 <sup>th</sup>	23	17	45	15	61	21	17	44	18	63	21	17	43	19	62	2	0
6 <sup>th</sup>	25	20	40	15	55	21	16	41	21	63	22	16	41	21	62	7	0
7 <sup>th</sup>	28	20	38	14	52	25	18	36	20	56	23	19	39	20	59	7	2
8 <sup>th</sup>	25	22	40	13	53	22	20	41	17	58	24	18	42	16	58	5	0
11 <sup>th</sup>	45	28	26	1	27	44	26	28	2	30	40	26	32	2	34	7	4

# Areas of Concern

- 3<sup>rd</sup> and 4<sup>th</sup> grade students' performance in both Reading and Math has remained flat since 2008.
- 7<sup>th</sup> graders' performance in Reading and 5<sup>th</sup> graders' performance in Math has not changed significantly either.
- Students with IEPs were the only student group to post a significant decrease in Math since 2008.

## Areas of Concern (*continued*)

- Achievement gaps continue to widen between students with IEPs and their peers.
- Low income and LEP student achievement gaps have widened to 71 percentage points in Reading for 11<sup>th</sup> graders.
- Since 2005, gaps have generally widened in all grades except 3 and 4 for LEP and low-income students on the Reading and Math tests.



# Workshop Reference Materials

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## The New England Common Assessment Program



### Guide to Using the 2012 NECAP Reports

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## NECAP Analysis and Reporting System User and Training Manual January 2013

**Audience: All users of the  
NECAP Analysis and Reporting System**

NECAP Service Center  
Toll-Free#: 877-632-7774

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Last updated: 1/14/13

# Types of NECAP Reports

## **Student Report** (*Confidential*)

Information for Parents

## **Item Analysis Report** (*Confidential*)

School level by student

## **Results Report** (*Public*)

School and District level

## **Summary Report** (*Public*)

District/State level

## **Student Level Data Files** (*Confidential*)

Excel/csv files by grade on district and school confidential site

# Accessing Your Confidential Reports

<http://iservices.measuredprogress.org>



New England Common Assessment Program  
Online Services

- Order Additional Student Labels
- NECAP Reporting**
- Online Writing Manuals
- Online Writing Materials
- Order Additional Materials
- Home

# Accessing Your Confidential Reports



## Rhode Island Analysis and Reporting System

### Login

1. Enter your user name in the box marked **User Name**.
2. Enter your password in the box marked **Password**.
3. Click **Login**.

User Name

Password

Login

For assistance, call the NECAP Service Center at 1.877.632.7774 between the hours of 8 AM and 4 PM, Monday through Friday.

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Visit us on the web at <http://www.measuredprogress.org>.

# NECAP Analysis and Reporting System (NARS) Account Creation Hierarchy

This account is for the **district level** user and allows access to all reports.

District  
Administrator  
(Superintendent)

This account is intended for the **school principal**. One school principal account exists for each school. The principal assigns all accounts for teachers within the school

School Level  
(Principal)

These accounts are intended for the **school teachers** who will see only the students to whom they have been assigned by the principal.

Classroom  
(Teacher)

Classroom  
(Teacher)

Classroom  
(Teacher)

Classroom  
(Teacher)

Classroom  
(Teacher)

<http://www.ride.ri.gov/assessment/Results.aspx>

Password Assistance: Use the following list to determine whom to contact for assistance with your User Name and Password:

Superintendents – Contact NECAP Service Center at 877-632-7774

Principals – Contact NECAP Service Center at 877-632-7774

Teachers – Contact School Principal



# Introductions

- Lindsay Wepman, RTTT Assessment Specialist
- Project Lead on the Data Use Professional Development Series
  - 10-day training series on the use of data to inform instruction
  - Off-site workshops within small cohorts and on-site coaching visits for tailored follow-up
  - Tiered training to best meet the needs of RI educators
  - RIDE partnered with Wireless Generation to develop and deliver the professional development



# Using NECAP Data

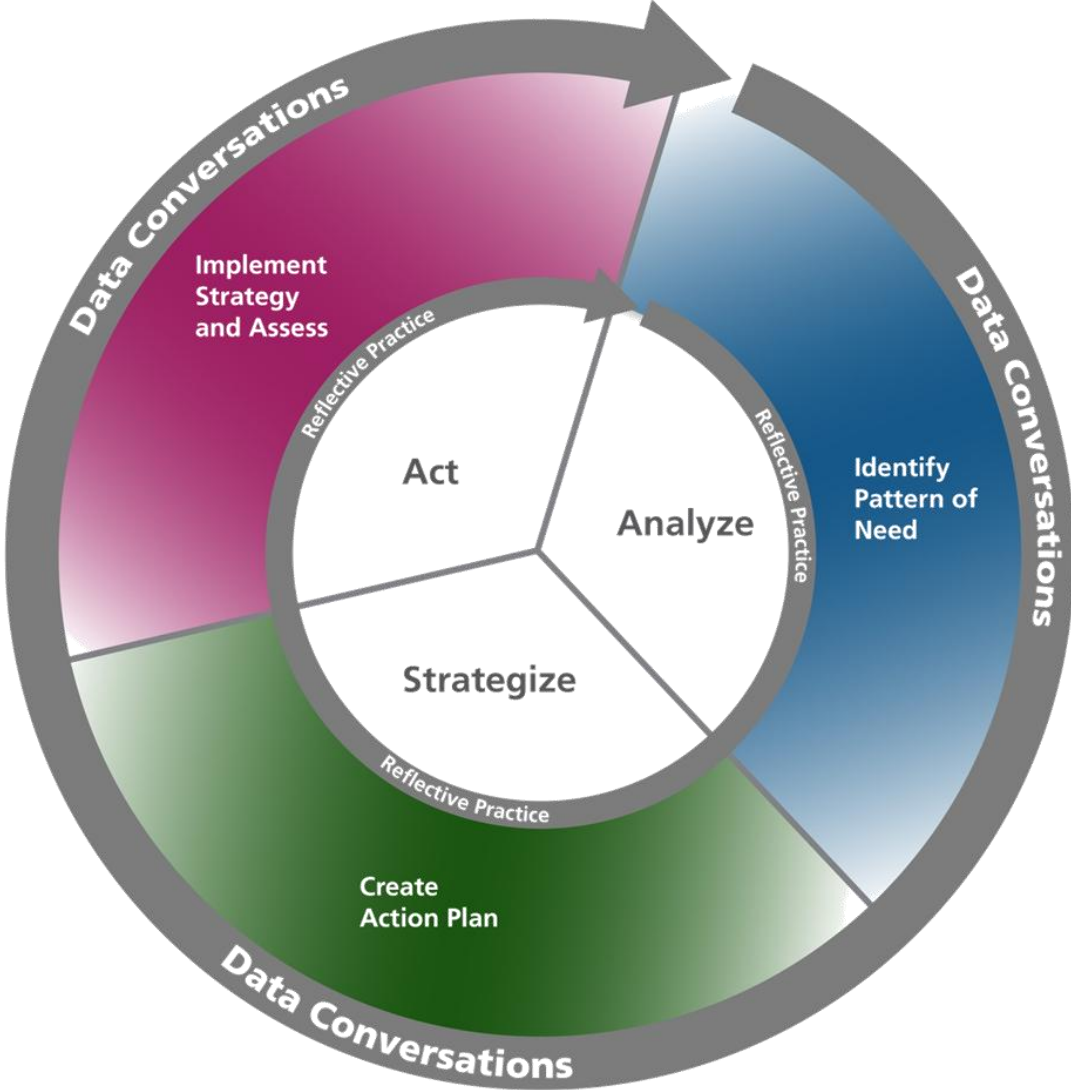
## *Today's Goals:*

- Engage in a *Data Conversation* on Fall 2012 NECAP results
- Utilize the **Cycle of Inquiry** to find a *Pattern of Need*
- Learn tools to engage educators in *low-stakes* data conversations

***Aligned to Data Use Professional Development Series***



# Cycle of Inquiry



# Why Low Stakes?

- Looking for a *Pattern of Need* allows us to look at groups of students, not individual students
- Talking about data can feel personal to an educator, but the focus is on student achievement



# Finding a “Pattern of Need”

## ***Materials:***

- Pen/pencil
- NECAP Item Analysis Report
  - *Math*
  - *Demo Data*
- Legend for the Item Analysis Reports



# Finding a “Pattern of Need”

## *Step 1 – Lower the Stakes*

- Start with small, manageable chunks
- Fold back the left side of the report – Student Names
- Fold back the right side of the report – Total Test Results
- Fold back the bottom of the report - Comparisons



# Finding a “Pattern of Need”

## *Step 2 – Become Familiar with the Data*

**NOTE: Use the legend to orient yourself to the data set.**

Key Observations:

- Item Type
- Total Possible Points
- Rows vs. Columns



# Finding a “Pattern of Need”

## ***Step 3 – Visualize the Data***

Using your pen/pencil, focus on finding a *Pattern of Need* within an area of interest.

Remember, Patterns of Need do not have to be challenge areas; you may find a pattern of strength, signifying a need for enrichment!

EXAMPLE 1: Circle all the zero responses.

EXAMPLE 2: Circle all the highest scores possible.





# Finding a “Pattern of Need”

## *Step 4 – Examine Patterns in the Data*

- High Level View – what do you first notice?
- Identify characteristics of the *Pattern of Need*

EXAMPLE 1: The Pattern of Need that I discovered is that most Short Answer responses received a score of 1.

EXAMPLE 2: The Pattern of Need that I found is that a majority of Constructed Response answers did not receive full credit.



# Finding a “Pattern of Need”

## *Next Steps*

- Look at the items for more information.
- Create a working hypothesis for the cause of the *Pattern of Need* based on evidence.
- Validate (or refute) the findings using other relevant data sources.
  - District benchmark assessments
  - Common tasks
  - Teacher observations
  - Results from formative assessment practices



# “Turnkey” with Educators

- Access and print the Item Analysis Report and corresponding Released Items via NARS
- Consider your audience
  - With whom will you share this exercise?
  - Remember FERPA!
- Find a *Pattern of Need* in your school’s own data
- Keep it “low stakes”



# RIDE Contact Information

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