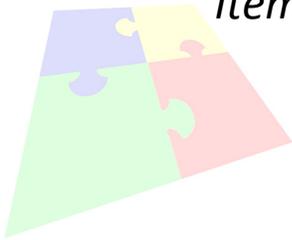




Instructional Management System (IMS)

Item Level Analysis Reports (RI Interim Assessments)



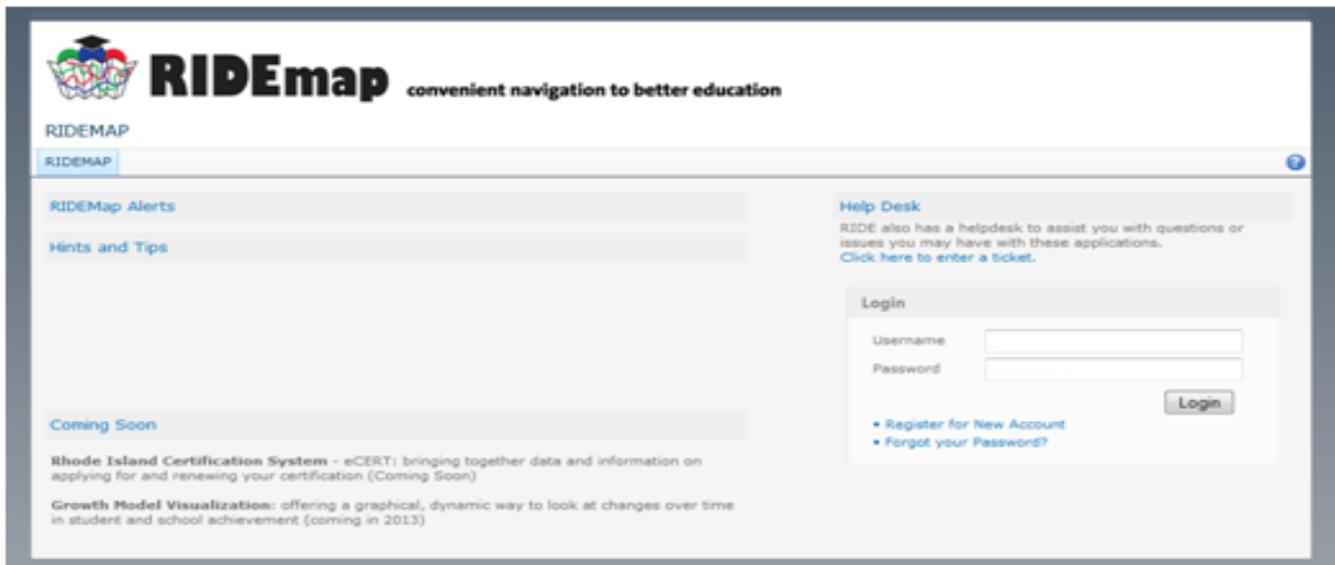
The Rhode Island Instructional Management System (IMS) brings data, curriculum, assessments, and professional development together into one place for educators. Various reports populated with data from statewide and some district wide assessments are available to educators through the IMS. This guide is meant to assist educators with accessing and understanding the **Item Level Analysis Report** for the RI Interim Assessments (RIIA) project.

IMPORTANT NOTE: In order for the IMS to function properly, your district must have completed a deployment process that includes several system configurations and data loads. If you are unsure whether or not your district has deployed the IMS or you are having trouble accessing reports, contact your school or district technical administration.

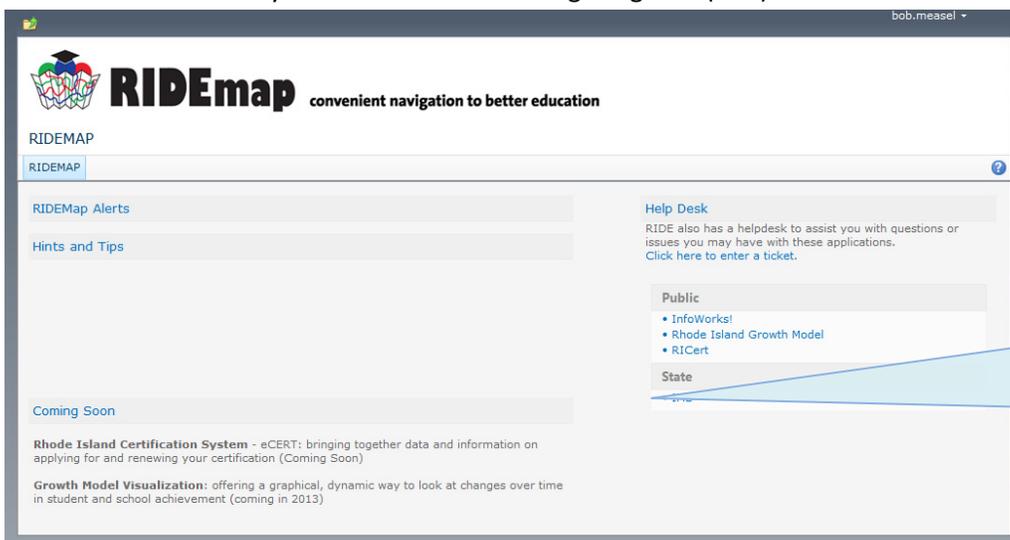
Certain domain restrictions apply to all reports. This prevents teachers from seeing test results for students who they do not have on their roster or administrators from seeing student data for schools they do not work in or schools in other districts. There are four levels in the domain restriction hierarchy: state level user, district level user, school level user, and classroom level user. Each user in the hierarchy can see data for the level(s) below. For example, a district level user can see students' results at the district, school, and classroom level, but a classroom level user (teacher) can only see those students assigned to him/her.

Educators can access the IMS through the RIDemap Portal:

<https://ridemap.ride.ri.gov/default.aspx>



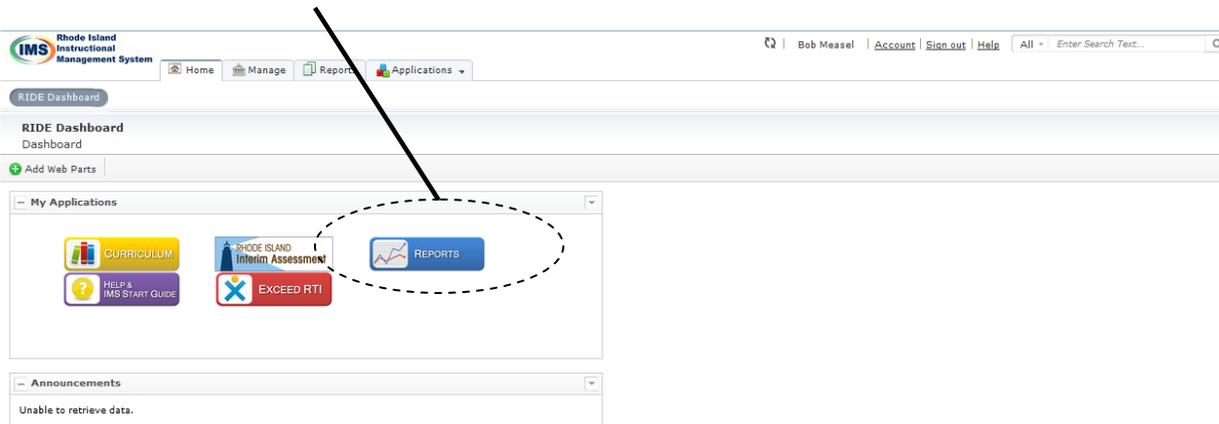
If you do not have login credentials for the RIDemap Portal, contact your school or district single-sign-on (SSO) administrator or technical administrator.



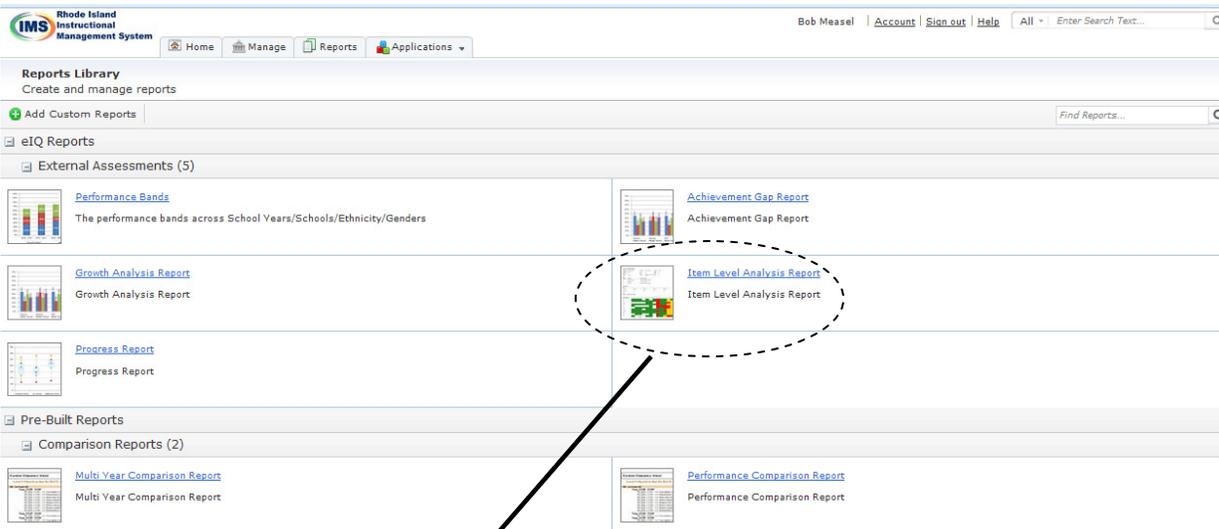
Once you login, you will see all of the applications that you have been given access to by your district. If you do not see the IMS link here, contact your district technical admin.

When you click the IMS link from RIDEmap, you will be taken to the IMS Landing Page.

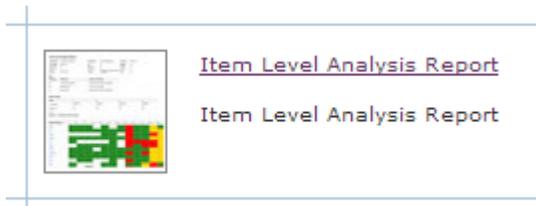
From here, click the 'Reports' button.



This will take you to the reports library page:



Click on Item Level Analysis Report



When you click on Item Level Analysis Report, you will be taken to the filter screen to begin building your report.

Once in this tool, you will be able to create reports at the [district](#), school, and/or [classroom](#) level, depending on your role in the IMS. You can also view reports by [cluster](#) or [DOK](#) level.

District or School Level Report

You cannot run the report until all required filters have been selected. The filters must be selected sequentially, beginning with organization. The filter options available to you depend on your role in the IMS. For example, district level administrators will see all of the schools in their district in the 'organization' drop-down menu, but teachers will only see their school.

This guide will walk through the creation of reports for the RI Interim Assessments (RIIA) project.

The screenshot shows the 'Item Level Analysis Report' interface in the IMS. The interface includes a navigation bar with 'Home', 'Manage', 'Reports', and 'Applications'. The main content area contains several filter sections: 'Roster Option' (radio buttons for 'Select Manually' and 'From Group'), 'Organization' (a dropdown menu), 'Roster Year' (a dropdown menu), 'Test Series' (a dropdown menu), 'Test Year' (a dropdown menu), 'Test Grade' (a dropdown menu), 'Include State Calculations' (radio buttons for 'Yes' and 'No'), 'Demographics' (a group of dropdown menus for 'ELL', 'Economically Disadvantaged', 'Ethnicity', 'Gender', 'IEP', and 'Migrant'), and 'Show All' buttons for each demographic filter. Two callout boxes are present: one pointing to the 'Roster Option' and 'Organization' filters with the text 'All filters must be specified before a report can be run.', and another pointing to the 'Demographics' filters with the text 'You may also select from these additional / optional filters for the report if you choose.' At the bottom left, there are 'Run Report' and 'Reset Filters' buttons.

- 1) Ensure that 'Roster Option' is set to 'Select Manually'. It is possible to create groups in the IMS which you can use to create reports, but that is an advanced function that requires training from your district.
- 2) Select District from Organization drop down menu.
For school level reports, select a school instead of a district from the drop-down menu.

This close-up screenshot shows the 'Organization' dropdown menu. The menu is open, displaying a list of options: 'Select Organization' (highlighted in blue), 'Barrington School District', 'Barrington High School', 'Barrington Middle School', and 'Barrington Professional Developm...'. The other filters in the interface are visible in the background but are not the focus of this callout. A callout box on the right side of the image contains the text 'Each filter determines the options available for the next filter.'

3) Select the roster year

Roster Option: Select Manually From Group

Organization: School District

Roster Year: 2012-2013

Test Series: 2012-2013

Test Year: Select the Test Year

Test Grade: Select the Test Grade

Include State: Yes No

Calculations:

Run Report | [Reset Filters](#)

4) From Test Series drop down menu, select the RIIA content

Roster Option: Select Manually From Group

Organization: School District

Roster Year: 2012-2013

Test Series: Select Test Series

Test Year: Select the Test Year

Test Grade: Select the Test Grade

Include State: Yes No

Calculations:

Run Report | [Reset Filters](#)

- The five content options are:
- Algebra 1
 - Algebra 2
 - Geometry
 - Math (grades 3-8)
 - Reading (grades 3-11)

5) Select the Test Year

Roster Option: Select Manually From Group

Organization: School District

Roster Year: 2012-2013

Test Series: RIIA Fall-Math

Test Year: Select the Test Year

Test Grade: 2012-2013

Include State: Yes No

Calculations:

Run Report | [Reset Filters](#)

6) Select the grade from Test Grade menu

Roster Option: Select Manually From Group

Organization: School District

Roster Year: 2012-2013

Test Series: RIIA Fall-Math

Test Year: 2012-2013

Test Grade: Select the Test Grade

Include State: Yes No

Calculations:

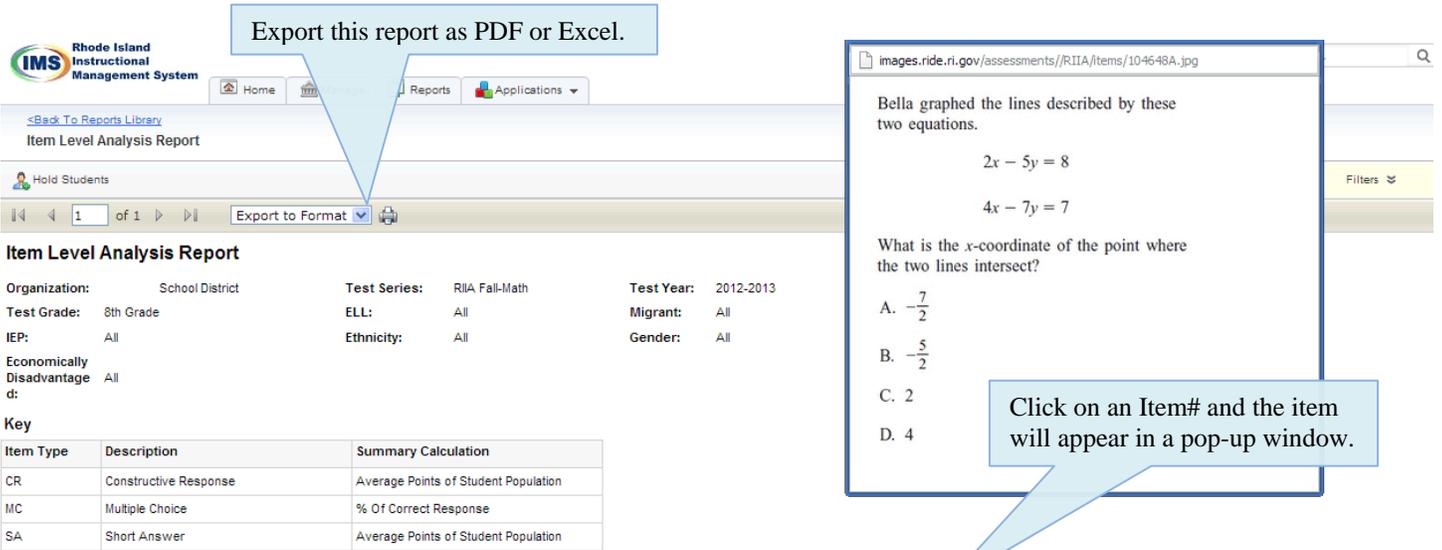
Run Report | [Reset Filters](#)

7) Click Run Report (if new session) or Update (if you have created reports prior to this one in this session)

Run Report | Update

- Depending on your RIIA content selection:
- Algebra 1, Algebra 2, Geometry: select 'Other'
 - Math: select the grade
 - Reading: select the grade

District and school level reports look like this.



Export this report as PDF or Excel.

Bella graphed the lines described by these two equations.

$$2x - 5y = 8$$

$$4x - 7y = 7$$

What is the x -coordinate of the point where the two lines intersect?

A. $-\frac{7}{2}$
 B. $-\frac{5}{2}$
 C. 2
 D. 4

Click on an Item# and the item will appear in a pop-up window.

Item Analysis

Item#	1	2	3	4	7	8	9	10	11	12	13	15	16	17	18	19	20	22
CLUSTER ID	8.EE.A	8.EE.B	8.EE.C	8.EE.A	8.EE.C	8.G.A	8.EE.B	8.G.B	8.G.A	8.EE.B	8.G.B	8.G.B						
DOK LEVEL	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2										
ITEM TYPE	MC	SA	MC	MC	MC	MC	MC	MC										
CORRECT RESPONSE	A	C	D	D	D	D	D	D	A	B	A	N/A	D	A	B	B	D	D
POINTS POSSIBLE	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
COMMON INCORRECT RESPONSE	C,D	B	A	A	A	A	A	A	D	C,D	C	N/A	B	D	A	C	C	C
DISTRICT SUMMARY	24	22	16	16	16	16	16	16	14	31	12	0.06	16	35	47	39	22	22
STATE SUMMARY	15	29	23	41	0.59	17	63	30	29	31	16	0.33	23	36	45	36	17	17

The Item Analysis chart provides detailed information about each item (e.g., standard or cluster, DOK, item type), as well as item statistics.

Response Chart

Responses	1	2	3	4	7	8	9	10	11	12	13	15	16	17	18	19	20	22
A	24%	24%	35%	N/A	14%	8%	29%	14%	4%	12%	N/A	27%	35%	27%	22%	16%	N/A	
B	18%	18%	18%	18%	18%	18%	18%	18%	24%	31%	39%	N/A	33%	16%	47%	39%	20%	N/A
C	29%	29%	29%	29%	29%	29%	29%	29%	29%	33%	43%	N/A	24%	22%	14%	31%	41%	N/A
D	29%	29%	29%	29%	29%	29%	29%	29%	33%	33%	6%	N/A	16%	27%	12%	8%	22%	N/A
E	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	0%	0%	0%	0%	0%	N/A
Blank/Omitted	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	0%	0%	0%	0%	0%	N/A

Scroll down to view the percentage of students in this district or school group who selected a particular response or left it blank.

Classroom Level

You must be logged in to the IMS and accessing the Item Level Analysis Reports with the filter view open. Depending on your role in the IMS, you may or may not have access to this level of reporting.

The screenshot shows the IMS Item Level Analysis Report interface. At the top, there is a navigation bar with 'Home', 'Manage', 'Reports', and 'Applications' menus. Below this, the 'Item Level Analysis Report' title is displayed. The main area contains several filter sections: 'Roster Option' with radio buttons for 'Select Manually' and 'From Group'; 'Organization' with a dropdown menu; 'Roster Year' with a dropdown menu; 'Test Series' with a dropdown menu; 'Test Year' with a dropdown menu; 'Test Grade' with a dropdown menu; 'Include State' with radio buttons for 'Yes' and 'No'; and 'Calculations' with a dropdown menu. On the right side, there is a 'Demographics' section with dropdown menus for 'ELL', 'Economically Disadvantaged', 'Ethnicity', 'Gender', 'IEP', and 'Migrant'. At the bottom left, there are buttons for 'Run Report' and 'Reset Filters'.

1) Select School from Organization drop down menu

This screenshot shows the 'Organization' dropdown menu open. The menu lists several options: 'Select Organization', 'Barrington School District', 'Barrington High School', 'Barrington Middle School', and 'Barrington Professional Developm...'. The 'School' option is highlighted in blue, indicating it is the selected value.

2) Select the roster year

This screenshot shows the 'Roster Year' dropdown menu open. The menu lists several options: '2012-2013', 'Select the Roster Year', and '2012-2013'. The '2012-2013' option is highlighted in blue, indicating it is the selected value.

3) Select a teacher from the Teacher drop down menu (names removed from this screenshot)

This screenshot shows the 'Teacher' dropdown menu open. The menu lists several options: 'Select the Teacher', 'All Teachers', and a blank option. The 'All Teachers' option is highlighted in blue, indicating it is the selected value.

4) Select a section from Section drop down menu (names/school codes removed from this screenshot)

This screenshot shows the 'Section' dropdown menu open. The menu lists several options: 'Select Section', 'All Sections', '-ELA/', '-Mathematics/', '-Science/', '-ELA-001-ELA 3', '-Mathema...', and '-Science-001...'. The 'All Sections' option is highlighted in blue, indicating it is the selected value.

5) From Test Series drop down menu, select RIIA content

Roster Option: Select Manually From Group

Organization: School

Roster Year: 2012-2013

Teacher: ,

Section: -ELA/ -ELA-00

Test Series: Select Test Series

Test Year: Select the Test Year

Test Grade: Select the Test Year

Include State

Calculations:

Update | [Set Default](#)

6) Select the Test Year

Roster Option: Select Manually From Group

Organization: School

Roster Year: 2012-2013

Teacher: ,

Section: -ELA/ -ELA-00

Test Series: RIIA Fall-Reading

Test Year: Select the Test Year

Test Grade: 2012-2013

Include State Yes No

Calculations:

Update | [Set Default](#)

The five content options are:

- Algebra 1
- Algebra 2
- Geometry
- Math (grades 3-8)
- Reading (grades 3-11)

7) Select Grade from Test Grade menu

Roster Option: Select Manually From Group

Organization: School

Roster Year: 2012-2013

Teacher: ,

Section: -ELA/ -ELA-00

Test Series: RIIA Fall-Reading

Test Year: 2012-2013

Test Grade: Select the Test Grade

Include State

Calculations:

Update | [Set Default](#)

Depending on your RIIA content selection and/or the teacher selected:

- Algebra 1, Algebra 2, Geometry: select 'Other'
- Math: select the grade
- Reading: select the grade

8) Click Run Report (if new session) or Update (if you have created reports prior to this one in this session)

Run Report

Update

Cluster Summary Report

You must be logged in to the IMS and accessing the Item Level Analysis Reports with a completed report open. This report can be run at district, school, or classroom level (district level shown).

Item Level Analysis Report

Organization: School District Test Series: RIA Fall-Math Test Year: 2012-2013
 Test Grade: 8th Grade ELL: All Migrant: All
 IEP: All Ethnicity: All Gender: All
 Economically Disadvantaged: All

Key

Item Type	Description	Summary Calculation
CR	Constructive Response	Average Points of Student Population
MC	Multiple Choice	% Of Correct Response
SA	Short Answer	Average Points of Student Population

Item Analysis

Item#	1	2	3	4	7	8	9	10	11	12	13	15	16	17	18	19	20	Z
CLUSTER ID	8.EE.A	8.G.A	8.EE.C	8.EE.B	8.F.A	8.EE.A	8.G.A	8.EE.A	8.EE.C	8.EE.A	8.EE.C	8.G.A	8.EE.B	8.G.B	8.G.A	8.EE.B	8.G.B	8
DOK LEVEL	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK1	DOK1	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	D
ITEM TYPE	MC	MC	MC	MC	CR	MC	MC	MC	MC	MC	MC	SA	MC	MC	MC	MC	MC	S
CORRECT RESPONSE	A	C	D	C	N/A	B	C	A	A	B	A	N/A	D	A	B	B	D	N
POINTS POSSIBLE	1	1	1	1	4	1	1	1	1	1	1	2	1	1	1	1	1	1
COMMON INCORRECT RESPONSE	C,D	B	A	A	N/A	C	D	B	D	C,D	C	N/A	B	D	A	C	C	N
DISTRICT SUMMARY	24	22	16	37	0.35	16	63	29	14	31	12	0.06	16	35	47	39	22	0
STATE SUMMARY	15	29	23	41	0.59	17	63	30	29	31	16	0.33	23	36	45	36	17	0

Response Chart

Responses	1	2	3	4	7	8	9	10	11	12	13	15	16	17	18	19	20	22	Z
A	24%	24%	43%	35%	N/A	14%	8%	29%	14%	4%	12%	N/A	27%	35%	27%	22%	16%	N/A	1

Scroll all the way to the right of the report (or zoom out in your browser to view full screen):

Item Level Analysis Report

Organization: School District Test Series: RIA Fall-Reading Test Year: 2012-2013
 Test Grade: 8th Grade ELL: All Migrant: All
 IEP: All Ethnicity: All Gender: All
 Economically Disadvantaged: All

Key

Item Type	Description	Summary Calculation
CR	Constructive Response	Average Points of Student Population
EBBR	Evidence Based Selected Response	% Of Correct Response
MC	Multiple Choice	% Of Correct Response

Item Analysis

Item#	1	2	3	4	5	6	7	8	9	10	11	12	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Z	
CLUSTER ID	RL	RI	28																									
DOK LEVEL	DOK2	D																										
ITEM TYPE	MC	EBBR	CR	MC	S																							
CORRECT RESPONSE	B	B	C	D	A	A	C	A	D	C	BD	N/A	D	A	D	C	A	A	B	D	D	D	B	BA	N/A	N/A	N/A	
POINTS POSSIBLE	1	1	1	1	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
COMMON INCORRECT RESPONSE	C,D	C	B	A	B	B	AD	B	C	D	N/A	N/A	B	B	A	A	B	C,D	D	A	A,C	A	A	N/A	N/A	N/A	N/A	
DISTRICT SUMMARY	29	61	61	61	61	61	39	39	39	39	11	0.17	22	50	78	72	66	78	33	66	17	22	39	0.17	0.17	0.17	0.17	
STATE SUMMARY	20	61	65	78	62	63	66	62	61	37	9	0.43	35	66	66	71	60	61	49	70	36	23	50	0.24	0.24	0.24	0.24	

Response Chart

Responses	1	2	3	4	5	6	7	8	9	10	11	12	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Z
A	0%	17%	0%	17%	61%	61%	22%	39%	0%	22%	N/A	N/A	28%	50%	11%	17%	66%	78%	28%	22%	22%	33%	67%	N/A	N/A	N/A	1
B	29%	61%	22%	11%	33%	28%	17%	61%	0%	0%	N/A	N/A	50%	22%	6%	22%	0%	33%	6%	17%	6%	17%	22%	N/A	N/A	N/A	1
C	6%	22%	61%	11%	0%	0%	39%	0%	11%	39%	N/A	N/A	0%	11%	6%	72%	6%	11%	0%	17%	33%	6%	N/A	N/A	N/A	N/A	1
D	6%	0%	11%	61%	6%	11%	22%	0%	39%	39%	N/A	N/A	22%	17%	78%	6%	17%	11%	39%	66%	17%	6%	N/A	N/A	N/A	N/A	1
E	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	N/A	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	N/A	N/A	1
Blank/omitted	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	N/A	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	N/A	N/A	N/A	1

Related Reports:
[View Cluster Summary](#)
[View DOK Summary](#)

Click on "View Cluster Summary":

11	12	25	26	27	28	29	30	31	32	33	34	35	36
RL	RL	RI											
DOK2													
EBSR	CR	MC	EBSR	CR									
BD	N/A	D	A	D	C	A	A	B	D	D	B	BA	N/A
2	4	1	1	1	1	1	1	1	1	1	1	2	4
N/A	N/A	B	B	A	A	B	C,D	D	A	A,C	A	N/A	N/A
11	0.17	22	50	78	72	56	78	33	56	17	22	39	0.17
9	0.43	35	66	66	71	50	81	49	70	36	23	50	0.24

12	25	26	27	28	29	30	31	32	33	34	35	36
N/A	28%	50%	11%	17%	56%	78%	28%	22%	33%	67%	N/A	N/A

Related Reports :
[View Cluster Summary](#)
[View Item Summary](#)

The cluster summary report looks like this:

IMS Rhode Island Instructional Management System

Home Manage Reports Applications

Cluster Summary Report

Hold Students Filters

Export to Format

Cluster Summary Report

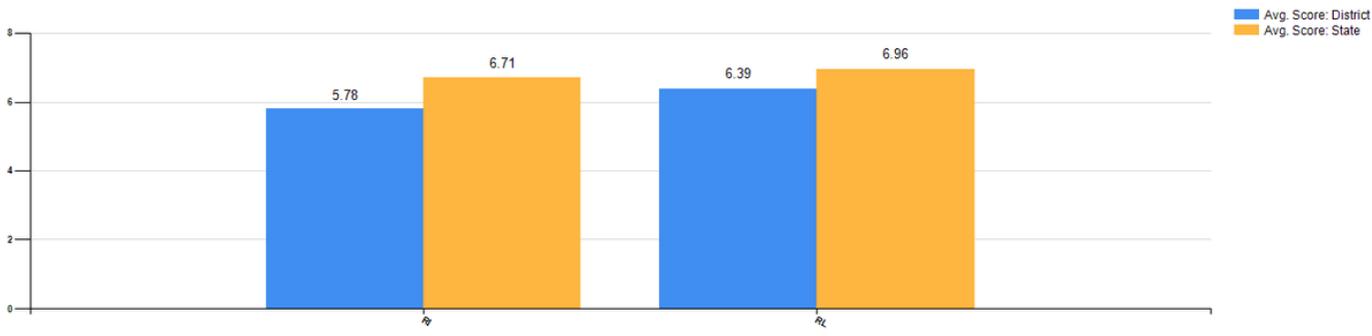
Organization: School District Test Series: RIIA Fall-Reading Test Year: 2012-2013

Test Grade: 8th Grade ELL: All Migrant: All

IEP: All Ethnicity: All Gender: All

Economically Disadvantage All

Average Reading Scores By Cluster



Cluster Level	RI	RL
Possible Points	18.00	18.00
Number Of Items	12	12
Avg. Score: District	5.78	6.39
Avg. Score: State	6.71	6.96

DOK Summary Report

You must be logged in to the IMS and accessing the Item Level Analysis Reports with a completed report open. This report can be run at district, school, or classroom level (district level shown).

Item Level Analysis Report

Organization: School District Test Series: RI/A FairItem Test Year: 2012-2013
 Test Grade: 5th Grade ELL: All Migrant: All
 IEP: All Ethnicity: All Gender: All
 Economically Disadvantaged: All

Key

Item Type	Description	Summary Calculation
CR	Constructive Response	Average Points of Student Population
MC	Multiple Choice	% Of Correct Response
SA	Short Answer	Average Points of Student Population

Item Analysis

Item	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CLUSTER ID	3.EE.A	3.O.A	3.EE.C	3.EE.B	3.F.A	3.EE.A	3.O.A	3.EE.A	3.EE.C	3.EE.A	3.EE.C	3.EE.A	3.EE.C	3.O.A	3.EE.B	3.O.B	3.O.A	3.EE.B	3.O.B	3.EE.C	3.EE.B	3.O.A	3.O.B	3.O.A	3.F.A	3.O.A	3.O.A	3.O.A	3.O.A	3.O.A	
DOK LEVEL	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK1	DOK1	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	DOK2	
ITEM TYPE	MC	MC	MC	MC	CR	MC	MC	MC	MC	MC	MC	MC	MC	SA	MC	MC	MC	MC	MC	MC	SA	MC	SA								
CORRECT RESPONSE	A	C	D	C	N/A	B	C	A	A	B	A	N/A	D	A	B	B	D	N/A	C	A	D	B	C	N/A							
POINTS POSSIBLE	1	1	1	1	4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
COMMON INCORRECT RESPONSE	C,D	B	A	A	N/A	C	D	B	D	C,D	C	N/A	B	D	A	C	C	N/A	D	B	B,C	A	D	N/A							
DISTRICT SUMMARY	24	22	16	37	0.38	16	83	29	14	31	12	0.08	16	38	47	39	22	0.87	48	18	18	20	33	0.15	0.16	0.16	0.16	0.16	0.16	0.16	
STATE SUMMARY	18	29	23	41	0.59	17	83	30	29	31	16	0.33	23	36	46	36	17	0.60	49	26	13	22	15	0.20	0.39	0.39	0.39	0.39	0.39		

Response Chart

Responses	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
A	24%	24%	43%	35%	N/A	14%	9%	29%	14%	4%	12%	N/A	27%	39%	27%	22%	16%	N/A	10%	10%	15%	16%	33%	20%	14%	N/A	N/A	N/A	N/A	N/A	
B	18%	43%	24%	18%	N/A	16%	12%	41%	24%	31%	39%	N/A	33%	16%	47%	39%	20%	N/A	12%	53%	33%	20%	14%	N/A							
C	29%	22%	16%	37%	N/A	41%	63%	24%	29%	33%	43%	N/A	24%	22%	14%	31%	41%	N/A	46%	16%	33%	20%	33%	N/A							
D	29%	2%	16%	10%	N/A	29%	16%	6%	33%	33%	6%	N/A	16%	27%	12%	2%	33%	N/A	33%	12%	16%	27%	33%	N/A							
E	0%	0%	0%	0%	N/A	0%	0%	0%	0%	0%	0%	0%	N/A	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank/Omitted	0%	2%	0%	0%	N/A	0%	0%	0%	0%	0%	0%	0%	N/A	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Scroll all the way to the right of the report (or zoom out in your browser to view full screen):

Click on "View DOK Summary":

9	10	11	12	25	26	27	28	29	30	31	32	33	34	35	36
RL	RL	RL	RL	RI											
DOK2															
MC	MC	EBSR	CR	MC	EBSR	CR									
D	C	BD	N/A	D	A	D	C	A	A	B	D	D	B	BA	N/A

The DOK summary report looks like this:

IMS Rhode Island Instructional Management System

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DOK Summary Report

Hold Students

1 of 1 Export to Format

DOK Summary Report

Organization:	School District	Test Series:	RIIA Fall-Math	Test Year:	2012-2013
Test Grade:	8th Grade	ELL:	All	Migrant:	All
IEP:	All	Ethnicity:	All	Gender:	All
Economically Disadvantaged:	All				

Average Math Scores By DOK

DOK Level	District Avg. Score	State Avg. Score
DOK1	1.43	1.51
DOK2	5.49	6.49

DOK Level	DOK1	DOK2
Possible Points	4.00	26.00
Number Of Items	4	21
Avg. Score: District	1.43	5.49
Avg. Score: State	1.51	6.49