

TABLE OF CONTENTS

I.	Overview	.1
II.	Getting Started	.2
III.	Summary of Inova Scenarios	.3
IV.	Identifying your Target Students	.6
V.	Demographic Analysis	.9
VI.	Teacher Value Added Analysis1	0
VII.	Grade Level Analysis1	2
VIII.	Value-Added Tail Analysis1	5
IX.	Scenario Chart Analysis1	8
X.	Intervention Analysis	20
X. XI.	Intervention Analysis	20 29
X. XI.	Intervention Analysis	20 29
X. XI.	Intervention Analysis 2 Utilities 2 Add New Students 3 Transfer Student 3	20 29 60
X. XI.	Intervention Analysis 2 Utilities 2 Add New Students 3 Transfer Student 3 Archive Student 3	20 29 60 61
X. XI.	Intervention Analysis 2 Utilities 2 Add New Students 3 Transfer Student 3 Archive Student 3 Edit User Account 3	20 29 60 61 62
X. XI.	Intervention Analysis 2 Utilities 2 Add New Students 3 Transfer Student 3 Archive Student 3 Edit User Account 3 Add User Account 3	20 29 60 61 62
X. XI.	Intervention Analysis 2 Utilities 2 Add New Students 3 Transfer Student 3 Archive Student 3 Edit User Account 3 Add User Account 3 Upload Schedule 3	20 29 60 61 64 67



I. OVERVIEW

InovaPLUS! combines the power of **The Inova Process** and the power of software. By selecting a few options in **InovaPLUS!**, you can quickly:

- **Summarize** the number of students (grade and/or sub-population) within each color by their predicted grouping of Pass, ?, Special Target, Target, Fail, and No Data.
- Identify students in the target groups Who are the students most likely to fail/convert? This option lists the students by target area based upon the 'Conversion Rate' for your district. For instance, if you have 500 green students, the district conversion rate is 98% so 10 students may fail. Who are those students? This option lists the most likely green students. Likewise, if you have 500 blue students, the district conversion rate is 88%. This option lists the 10 most likely blue students that may fail. It continues on with gray, yellow, and red students. Each time displaying the most likely students to convert.
- **Identify teachers' value-added performance** How much added value did the teachers provide to their students? This option enables you to evaluate teacher added value. Select Last Year's teacher schedule to analyze whether the teacher added value to his/her students. Select the Current teacher schedule to display current teachers' students with their associated Inova data.
- **Identify campus value-added performance** by evaluating the campus Scenario Tail Analysis and drill down for student detail;
- List students by Scenario Number(s), Target Groups, grade level, ethnicity, and/or economic disadvantaged; and
- Integrate campus benchmark test data.
- **Track student interventions**: Create your campus Scenario Intervention Matrix, identify intervention students, enter and track interventions provided to the student. List all interventions provided to the student as well as all interventions provided by a teacher.

II. GETTING STARTED

InovaPLUS!
InovaPLUS! Username: Password: Log On

For a working demonstration of **InovaPLUS!**, visit the site: <u>http://www.inovaplus.org</u>

Figure 1. InovaPLUS! Login Screen.

Program Navigation

- Navigate through the program by selecting one of the menu tabs across the top of the page. The menu tab for the current module will be highlighted.
- In the example below (Figure 2), the Summary tab is highlighted, indicating the current module.



Figure 2. InovaPLUS! Menu Structure.

III. SUMMARY OF INOVA SCENARIOS

What are the predicted numbers of students in each Target Group and in each Color Group?

This module provides a summary of the number of students for each test, by grade and/or sub-population, within each Color Group by their predicted Target Groups of Pass, ?, Special Target, Target, Fail, and No Data.

- How many students are in each color group?
- How many of each color are predicted to Pass?
- How many are grouped as Questionable, Target, Special Target, or Fail?
- Who are those students? Click on the associated number to view students' detail.

Directions:

- 1. Select Grade level and/or
- 2. Select Sub-population
- 3. Click the Get Summary Report button

Figure 3 presents the summary of 8th grade students grouped in their associated Color Group and Target Group.

InovaPLUS! HS				r	10V	PLU	5!
Summar	Target Deg	nographics	Teacher Grad	e Tail Charts	Interventio		et
				-			122
	S	tudent	Group N	umbers			
	00 - 0 - 1	D All		at Summany Da	not	1	
	Uo Sub-	Pop: All	a desired column row	to view the students	pon		
	Math Stude	nt Group N	Numbers / Gra	de: 08 / All S	tudents		
Color	Pass #	?#	Sp Target #	Target #	Fail #	No Data #	
Green	233	70	<u>0</u>	<u>0</u>	<u>0</u>	34	
Blue	<u>157</u>	28	<u>0</u>	<u>0</u>	<u>0</u>	21	
Gray	<u>0</u>	0	<u>24</u>	<u>49</u>	<u>0</u>	<u>10</u>	
Yellow	<u>0</u>	<u>0</u>	<u>11</u>	<u>9</u>	<u>0</u>	2	
Red	<u>0</u>	<u>0</u>	<u>0</u>	<u>12</u>	<u>5</u>	5	
Totals	<u>390</u>	<u>98</u>	35	<u>70</u>	5	<u>72</u>	
	Reading Stud	lent Group	Numbers / G	rade: 08 / All	Students		
Color	Pass #	?#	Sp Target #	Target #	Fail #	No Data #	
Green	<u>380</u>	76	<u>0</u>	<u>0</u>	<u>0</u>	<u>52</u>	
Blue	<u>101</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>13</u>	
Gray	<u>0</u>	<u>0</u>	<u>21</u>	2	<u>0</u>	<u>6</u>	
Yellow	<u>0</u>	0	<u>8</u>	<u>0</u>	<u>0</u>	1	
Red	<u>0</u>	0	<u>0</u>	2	<u>0</u>	<u>0</u>	
Totals	481	76	<u>29</u>	<u>9</u>	<u>0</u>	<u>72</u>	

Figure 3. Summary of Color Groupings

Directions for a Student Detail Analysis:

1. Click on one of the Target Grouping numbers. Figure 4 displays the results when clicking on the number 29 in the Totals row of the Sp. Target # column in Figure 3..

			,	Ino	va	PLI	JS!	HS	ıry Target De	mogra	aphics	i Tea	cher	Grad	le T.	In ail Charts I	ovaP	L	U	S	!			
						(;	Stu	den	t G	rou	ip A	na	lysis								
			Ta	rge	et S	Stu	de	nts	- Grade:	08 -	- A	II St	tud	ents	s G	roup: Re	eading Spo	ecia	1 T	arg	et			
ID	Gr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Read Tail	Vert Read	Pred Read	Read 2009	Read 2008	Read 2007	Read 2006	Read Group	Math Tail	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group
<u>3695169</u>	08	Student3010	firstname	F	5	0	0	1		670	788	2100	2211	2295	0	Special Target		713	752	2130	2181	2241	0	Pass
3518198	08	Student2388	firstname	м	5	1	0	0		670	792	2100	2171	2400	0	Special Target		727	801	2160	2360	2294	0	Pass
3471171	08	Student2303	firstname	м	5	0	0	0		679	826	2118	2326	2400	0	Special Target		720	740	2144	2211	2046	0	Pass
3167192	08	Student1192	firstname	F	4	1	с	0		638	722	2033	2009	0	0	Special Target		667	701	2026	2039	0	0	Target
<u>3193191</u>	08	Student1289	firstname	F	5	1	0	0		653	731	2064	2190	1886	0	Special Target		688	710	2074	2076	2078	0	Target
3732153	08	Student3118	firstname	м	4	1	0	1		647	687	2051	1904	0	0	Special Target		700	664	2101	1935	0	0	Target
3295223	08	Student1875	firstname	м	3	2	0	0		639	687	2036	1904	0	0	Special Target		670	642	2033	1872	0	0	Target
3239123	08	Student1540	firstname	F	4	1	0	0		671	771	2101	2119	2329	0	Special Target		741	705	2192	2027	2153	0	?
3887119	08	Student3566	firstname	м	3	1	с	0		653	724	2064	2100	1989	0	Special Target		692	673	2081	1976	1956	0	Target
3262232	08	Student1690	firstname	м	3	0	0	0		647	721	2051	2100	1964	0	Special Target		749	725	2210	2061	2266	0	Pass
	Ē						-					-						-		-				

Figure 4. Detailed listing of students in the Special Target grouping for Reading.

Directions to Filter Students (Figure 5):

- 1. Select Grade test was taken and/or
- 2. Select desired Sub-pop.
- 3. Click the Get Summary Report button.

Options: Selec	t Grade Test T	aken: All 💌	Sub-Pop:	All 🗸		Get Summar	y Report
	Math Stud	All ent C	Numbers /	All EcoDis	All S	Students	
Color	Pass #	10	Sp Targe	White	:#	Fail #	No Data #
Green	<u>0</u>	11	0	Hispanic Black	<u>0</u>	<u>0</u>	<u>0</u>
Blue	<u>0</u>	<u>0</u>	0	As. Pac.	<u>0</u>	<u>0</u>	<u>0</u>
Gray	<u>0</u>	<u>0</u>	0	Am. Ind. Sp. Ed.	<u>0</u>	<u>0</u>	<u>0</u>
Yellow	<u>0</u>	<u>0</u>)	0	<u>0</u>	<u>0</u>	<u>0</u>
Red	<u>0</u>	<u>0</u>)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Red	<u>0</u>	<u>c</u>	2	0	<u>0</u>	<u>0</u>	

Figure 5. Options to Filter Results.

Figure 6 displays the results when selecting 8th Grade EcoDis students (Figure 5).

InovaPLUS! HS				Ir	lova	PLU	S!
Summary	Target Der	mographics	Teacher Grad	e Tail Charts	Interventio	ons Utility Logou	e
	S	tudent	Group N	umbers			
	08 💌 Sub-	Pop: All	G	et Summary Re	eport		
-	Click	on a number in th	e desired column/row	to view the students.			
	Iath Student	Group Nun	ibers / Grade	: 08 / Eco. Dis	s. Students	N. D. (//	
Color	Pass #	?#	Sp Target #	Target #	Fail #	No Data #	
Green	114	22	<u>U</u>	<u>U</u>	<u>U</u>	44	
Bitte	97	<u>45</u> 0	12	24	<u>U</u>	2	
Vallaw	0	0	7	24	<u>v</u>	2	
Red	0	<u>v</u>		2	2		
Totals	<u>211</u>	<u>≤</u> <u>67</u>	<u>20</u>	<u>46</u>	3	<u></u>	
R	ading Studen	t Group Nu	mbers / Grad	e: 08 / Eco. D	is. Students		
Color	Pass #	?#	Sp Target #	Target #	Fail #	No Data #	
Green	199	38	0	0	0	32	
Blue	<u>78</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	8	
Gray	<u>0</u>	<u>0</u>	<u>17</u>	2	<u>0</u>	<u>3</u>	
Yellow	<u>0</u>	<u>0</u>	7	<u>0</u>	<u>0</u>	1	
Red	<u>0</u>	<u>0</u>	<u>0</u>	5	<u>0</u>	<u>0</u>	
Totals	277	38	24	7	<u>0</u>	44	

Figure 6. Summary of Student Grouping for 8th Grade Economically Disadvantaged.

		\$	In										-			Ino	vaPl	LI	פנ	5!				
	-			1		-	Sum	mary	Target Demo	_{graph}	nt (Gro	er Gi	An	таіl alv	Charts Inte	rventions Utility	/ Lo	gout					
			Ta	rg	et	Sti	ude	ents	- Grade:	08	- E	co.	Dis	s. St	ud	ents Gro	oup: Math	Ta	rge	t				
ID	Gr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Read Tail	Vert Read	Pred Read	Read 2009	Read 2008	Read 2007	Read 2006	Read Group	Math Tail	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group
3155194	08	Student1154	firstname	F	4	1	F	0		707	747	2176	2119	2138	0	Pass		692	715	2081	2076	0	0	Target
3688123	08	Student2980	firstname	м	4	1	с	1		717	756	2198	2190	2079	0	Pass		692	663	2081	1935	1956	0	Target
3582125	08	Student2615	firstname	м	4	1	0	0		755	750	2277	2153	2100	0	Pass		700	707	2100	2064	2078	0	Target
3264126	08	Student1699	firstname	м	4	1	с	1		0	0	0	1904	0	0	No Data		700	724	2100	2101	0	0	Target
3167192	08	Student1192	firstname	F	4	1	с	0		638	722	2033	2009	0	0	Special Target		667	701	2026	2039	0	0	Target
3116181	08	Student1043	firstname	F	5	1	0	0		772	783	2311	2171	2329	0	Pass		700	710	2100	2039	2174	0	Target
3978221	08	Student3826	firstname	F	4	1	F	0		814	757	2400	2136	2186	0	Pass		667	709	2026	2064	2100	0	Target
3193191	08	Student1289	firstname	F	5	1	0	0		653	731	2064	2190	1886	0	Special Target		688	710	2074	2076	2078	0	Target
3122125	08	Student1063	firstname	М	4	1	0	0		631	683	2018	1930	1964	0	Target		588	651	1848	1976	1740	0	Target
3732153	08	Student3118	firstname	м	4	1	0	1	A	647	687	2051	1904	0	0	Special Target		700	664	2101	1935	0	0	Target
																								-

Figure 7 displays the results of clicking on the 46 (Totals row) under the Target column.

Figure 7. Detailed listing of Economically Disadvantaged students in the Target grouping for Math.

IV. IDENTIFYING YOUR TARGET STUDENTS

Who are the students most likely to fail/convert?

This module provided the option to list the students by Target Grouping based upon the 'Conversion Rate' for your district. For instance, if you have 100 green students, the district conversion rate is 98% - so 2 students may fail. Who are those students? This report lists the most likely students.

Likewise, if you have 100 blue students, the district conversion rate is 88%. This option lists the most likely students that may fail. It continues on with gray, yellow, and red students, each time displaying the most likely students to convert. The Target query screen is depicted in Figure 8.

Directions

- 1. Select the desired Filters.
- 2. Click the Get Student List button.

novaPLUS! HS	Demograp	hics Teacher	Grade T	In:	OVa	PLUS	!
Who are the students by have 100 green students, the di This option lists the students by rate is 88%. This option lists the students. Each time displaying the students. Each time displaying the page.	target area listrict conver green studen most likely like the most likel	ents mo based upon the sion rate is 98 ts. Likewise, if blue students t y students to Identific	st likely a 'Conversion W - so 2 stuu you have 10 that may fai convert. Add ed by T	y to fail/ n Rate' for your dents may fail. 00 blue student 1. It continues o ditional instruct	convert r district. For in Who are those s, the district on with gray, y tions are at the Proces	Restance, if you students? conversion ellow, and red bottom of the S	
Conversion Rate:	Green	To display mo	ore students	s, lower the Co Grav	onversion Rat	es Red	
Conversion Rate:	Green	To display mo Blue 86	ore students	s, lower the Co Gray 9 %	onversion Rat Yellow 55 %	es Red 32 %	
Conversion Rate: Test:	Green 98 %	To display m Blue 86 Math	ore students	s, lower the Co Gray 9 %	onversion Rat Yellow 55 %	es Red 32 %	
Conversion Rate: Test:	Green 98 % Reading Show st	To display m Blue 86 Math udents identifi	ore students 69%69 69%69 69%69	s, lower the Co Gray 9 %	onversion Rat Vellow 55 <mark>%</mark>	es Red 32 %	
Conversion Rate: Test: Target Group:	Green 98 % Reading Show st or select:	To display mo Blue 86 Math udents identifi	e 69 % 69 ed by the In O Target	s, lower the Co Gray 9 % 10 nova Process	onversion Rat Vellow 55 %	es Red 32 %	
Conversion Rate: Test: Target Group: Ethnic Group:	Green 98 % © Reading © Show st or select: © All	To display m Blue Math udents identifi ? Am. Ind.	ed by the In Target Asian	s, lower the Co Gray 9 % 9 % Nova Process O Sp Target O Black	onversion Rat Yellow 55 % O Fail O Hispanic	es Red 32 % O No Score O White	
Conversion Rate: Test: Target Group: Ethnic Group: Economic Disadvantaged:	Green 98 % © Reading © Show st or select: © All All Student	To display m Blue Math udents identifi O Am. Ind.	ed by the In Target Asian	s, lower the Co Gray 9 % 2 nova Process O Sp Target O Black	onversion Rat Vellum 55 % O Fail O Hispanic	es Red 32 %	
Conversion Rate: Test: Target Group: Ethnic Group: Economic Disadvantaged: Grade Test Taken:	Green 98 % © Reading © Show st or select: © All All Student All v	To display m Blue 86 Math udents identifi ? Am. Ind. s	ed by the In Target Asian	s, lower the Co Gray 9 % 2 nova Process O Sp Target O Black	onversion Rat Vellow 55 % S5 %	es Red 32 %	
Conversion Rate: Test: Target Group: Ethnic Group: Economic Disadvantaged: Grade Test Taken: Benchmark Tests:	Green 98 % © Reading © Show st or select: © All All Student All <u>></u> Include	To display m Blue 86 Math udents identifi ? Am. Ind. s v Benchmark T	ed by the Is Target Asian ests.	s, lower the Cd Gray 9 % 2 nova Process 0 Sp Target 0 Black	onversion Rat Voltow 55 % O Fail O Hispanic	es Red 32 %	
Conversion Rate: Test: Target Group: Ethnic Group: Economic Disadvantaged: Grade Test Taken: Benchmark Tests: Graphics:	Green 98 % © Reading © Show st or select: © All All Student All Y Include i Do NO'	To display m Blue Math Udents identifi Am. Ind. S Benchmark T T display the	ed by the In Target Asian ests. graphic tail	s, lower the Co Gray 9 % 9 nova Process O Sp Target O Black (to copy and p	Onversion Rat Voltavi 55 % ○ Fail ○ Hispanic	es Red 32 % ONo Score OWhite preadsheet)	
Conversion Rate: Test: Target Group: Ethnic Group: Economic Disadvantaged: Grade Test Taken: Benchmark Tests: Graphics: Objectives:	Green 98 % © Reading © Show st or select © All All Student All Y □ Include : □ Do NO'	To display m Blue Math Udents identifi O? Am. Ind. S Benchmark T F display the p F display Obj	ed by the In Target Asian ests. graphic tail ectives.	s, lower the Cd Gray 9 % 9 nova Process O Sp Target O Black (to copy and p	onversion Rat Voltow 55 % O Fail O Hispanic	es Red 32 % ONo Score OWhite preadsheet)	

Figure 8. Identify the students most likely to convert.

Based upon the Inova Process, the major Target Groupings have been pre-identified. With that information, you can now do two things. The first option enables you to evaluate each Target Group and remove students as appropriate. The second option displays the students in each Target Group that are the most likely ones to convert - and remove as appropriate. Directions to display students in each Target Group:

- 1. Evaluate a particular Target Group (Pass, ?, Target, Special Target, Fail, No Data)
 - Select a particular Target Group (such as Sp. Target) to list the students in that group.
 - Evaluate the students in the list. If you believe the student will pass, check the 'Remove' box for that student, which will remove the student from the target group and mark the student as 'Pass'.
 - When you complete the evaluation of each target group and remove the students that you believe will pass, you can get the complete list of those students in all target groups through option 2 below.
- 2. List the students easiest to 'convert' based upon the district conversion rate.
 - Select the option to list the Inova Identified students: <u>Show students</u> <u>identified by the Inova Process</u>.
 - This process lists the students by target area based upon the 'Conversion Rate' for the sample. For instance, if you have 100 green students, the CISD conversion rate is 98% so 2 students may fail. This option lists the most likely 2 students. Likewise, if you have 100 blue students, the sample district conversion rate is 88%. This option lists the most likely 12 students that may fail. It continues on with gray, yellow, and red students. Each time displaying the most likely students to convert.
 - If your campus conversion rate is different, you have the option to change the conversion rate. By lowering the conversion rate, you will display more students.
- 3. Click the *Submit Data* button.
- 4. Review the student Target Groupings and adjust as necessary (Figure 9).

Directions to change a student's Target Group (Figure 9):

- 1. Analyze the results of the Target query. If you determine that a student does not belong in the particular group (i.e. the student is listed as a ? but the previous year's TAKS data analysis supports that the student will pass) select one of the options in the drop-down box under the Change column to change the scenario grouping. You can make the following changes:
 - \mathbf{R} = remove student from the list. This will remove the student from your campus roster and place the student in the Transfer Archive. The student is now available to be selected to transfer to their campus.
 - \mathbf{P} = mark the student as Pass.
 - ? = mark the student as questionable.
 - T = mark the student as Target.
 - **ST**= mark the student as Special Target.
 - \mathbf{F} = mark the student as Fail.
- 2. Repeat step 1 for each desired student.
- 3. Scroll to the bottom and click the *Submit Data* button.

<u>Note:</u> This change option is only available to users identified as campus principals or those who have administrator rights.

4					-		l.			-	Î			ul eu	. 1 -			1		•	•			.			
					5	umn	ary	larg	et	Jemog	raphics	reache	r Grade Tai	I Char	rts 1	nterve	ntion	s Ut	IITY	Logou	10						
				(Ta	arg	et (Froup	Cor	iversion	Ana	alys	is											
		_		_		_			-				(Por C	hort	_	_	_	_			_	_	1			
		Gre	en				Blue	1	Base	d upo	n this Co Grav	nvers	ion Rate	Darc	nan	1	Red				Total						
		98	%				86%				69%		55%		-	3	2%			s	Studen	its		1			
		Total Stud	lents: 1	781	To	otal S	Studer	nts: 4	471	Tota	d Student	s: 171	Total Stude	ents: 8	4 T	otal S	tuder	nts: 10	00	Total	Studer	nts:	260	7			
		Conversion Fail	Rate: 1 Rate:	36	Con	versi F	on Ra ail Ra	ate: 4	405 C	Conve	rsion Rat	e: 117	Conversion R	late: 4	6 Cor 8	iversio F	on Ra	ite:	2 Co	onvers	sion Ra	ate:	234:	5			
)ptio	on to char	nge	Tai	ge	t S	tu	den	ts -	- G	rad	e: All	- Al	I Studen	ts - 1	Eth	nic			ud	ents	5 5	ate.	20.	-			
ptio the grou	on to char e scenario up for eac	De Evaluate the Chang your camp Based upo students.	Tai each stud je columi pus, sele on 1781 (dent. n dro ct <u>R</u> e	If your p-doo	ou de wn o re. Cli dents	den atermi ption. ick Sut s, ther	ts - ine th If yo bmit	- G nat the ou sele when appr	rad e stud ect <u>P</u> a done. roxima	e: All ent will pa ss, the stu	- Al ss or be dent wi	Fail F I Studen llongs in a diffe ill no longer sho who may fail. H	ts -	Eth irget g n the t e the r	roup, arget	: A select list. I	II Si the a f the s ail-Rig	pprop tuder	ents riate g It is no d Sligh	group f o longer nt Tail-F	rom r on Right	20.	-			
Dptio the grou ange	on to char e scenario up for eac	De Evaluate (the Chang your cam Based upo students.	Tal each stud je column pus, sele on 1781 (First Name	rge dent. n dro ct <u>R</u> e Green	t S If y p-do mov stud	ou de wn o re. Cli dent	den etermi ption. ick Sut s, ther LEP Sp	ine th If yc bmit re arc	- G hat the pu sele when e appr Read 1 2009	rad estud ect <u>P</u> a done. roxima Read 2009	e: All ent will pa ss, the stu itely 36 st R Sc Sceni	- Al ss or be dent wi udents	Fail F I Studen Nongs in a diffe Il no longer sho who may fail. H Read Tail	ts - erent ta ow up o Here are Read Resid	Eth orget g n the f e the r Vert Read	nic: roup, arget nost lil Pred Read	select list. I kely T Read 2009	II Si the a f the s ail-Rig Read 2008	pprop tuder ht an Read 2007	ents riate g it is no d Sligh Read 2006	S group f o longer at Tail-F Read Group	rom ron Right R obj 01	R obj 02	R obj 03	R obj 04	Tot Tead	Read Cmd 2009
optio the grou ange	n to char e scenario up for eac 10 0 <u>3733122</u> 0	Based up students.	Tai each stuu ge column pus, sele on 1781 (First Name	rge dent. n dro ct <u>R</u> e Green Sex	t S If ye- p-do mov sture Eth	ou de wn o 'e. Cli dents SES	den etermi ption. ick Sul s, ther LEP Sp	ine th If yo bmit re arc pEd	- G hat the bu seld when e appr Read 2009	rad estud ect Pa done. roxima Read 2009	e: All ent will pa ss, the stu stely 36 st sc Sc Instruc Outper	- Al ss or be dent wi udents rio	Fail K I Studen I o longer sho who may fail. H Read Tail	ts erent ta ow up o Here ard Resid 1.96	Eth rrget g n the f e the r Vert Read	nic roup, arget nost lil Pred Read	E A select list. I kely T Read 2009	II Si the a f the s ail-Rig Read 2008	pprop tuder ht an Read 2007	ents riate g tis no d Sligh Read 2006	S group f b longer ht Tail-F Read Group ?	irom r on Right 01 12	R obj 02 9	R obj 03 8	R obj 04	Tot Tead 44	Read Cmd 2009 0
optio the grou	on to char e scenarii up for ead 10 0 <u>3733122</u> 0 <u>3339186</u> 0	F Valuate the Change your camp Based up students. F Last Name 8 Student3123 1 9 Student2002 1	Tai each stui e colump pus, sele on 1781 (First Name firstname	rge dent. n dro ct <u>R</u> e Greer Sex M	et S If yr p-do emov n stue Eth 4	ou de wn o re. Cli dent: SES	den atermi ption. ick Sul s, ther LEP Sp 0 0	ine th If yo bmit re arc	- G hat the bu sele when e appr Read 2009 Pass	rad estud ect Pa done. roxima 2009 2350 2350	e: All ent will pa ss, the stu trely 36 st st sc S S Instruc Outper S Instruc Outper	- Al ss or be dent wi udents rio	Fail K I Studen Ionge in a diffe II no longer she who may fail. H Read Tail	ts - erent ta ow up o dere ard Read Resid 1.96	Eth rrget g n the f e the r Vert Read 790	nic roup, arget nost lil Read 663 1984	: A) select list. I kely T Read 2009 2350	III Si t the a f the s ail-Rig 2008 1834	pproproproproproduced and a second se	riate g riate g d Sligh Read 2006 0	S group f b longer at Tail-F Read Group ? ?	rom ron Right 12 9	R obj 02 9	R obj 03 8 14	R obj 04 15 0	Tot Tead 44 34	Read Cmd 2009 0
Dptio the grou	on to char e scenarid p for eac 3733122 (3339186 (3267228 (B Evaluate e Evaluate Evaluate e vour cam Based up students. F Last Name 8 Student3128 9 Student2002 8 Student1721	Tai each stunge colume pus, sele on 1781 (First Name firstname firstname	rge dent. n dro ct <u>R</u> e Sreer Sex M F	et S Ifyp-do mov n stud 4 5 4	ou de win o 'e. Cli dent: SES 1 1 0	den etermin ick Sul ick Sul s, ther LEP Sp 0 0	ine ti If yo bmit re arc pEd 1	- G hat th bu sele when e appr Read 2009 Pass Pass	rad estud done. roxima 2009 2350 22241 22273	e: All ent will pa ss, the stu- stely 36 st sc Sceni S Instruc Outper S Instruc Outper S Instruc Outper S Instruc Outper	 34 Al ss or be ss or be dent with with the second second	Fail K I Studen I on a diffe I no longer sho who may fail. H Read Tail	ts rent ta source are read Read 1.96 1.73 1.06	Eth irget g n the f e the n Vert Read 790 0 753	nic: roup, arget most lil Read 663 1984 687	: A select list. I kely T Read 2009 2350 2241 22273	III Si the a f the s ail-Rig Read 2008 1834 1852 1867	pprop tuder ht an Read 2007 0 1824 1932	riate g ti is no d Sligh Read 0 0 0	S S group f longer at Tail-F Read Group ? ? ? ?	rom ron Right 01 12 9 11	R obj 02 9 11	R obj 03 8 14 10	R obj 04 15 0 13	Tot Tead 44 34 42	Read Cmd 2009 0 0
ange	n to char e scenarirup por to char 2000 c 2733122 c 2339186 c 3267228 c 32237124 c	9 Evaluate the Change of the Change of the Change of the Students. 8 Students. 8 Student3123 9 Student3123 9 Student3123 8 Student3123 8 Student3123	Tan each sturge column pus, sele on 1781 (First Name firstname firstname firstname	rge dent. n dro ct <u>R</u> e Breer Sex M F M	et S . If y. p-do emov n stur 4 5 4	ou de wen o re. Cli dent: SES 1 0 1 1	den etermi ption. ick Sul s, ther LEP S 0 0 0 0	ine tl ine tl if yr bmit re arc pEd 1 1 1 1 1 1 1 1 1 1 1 1 1	- G hat th pu selv when e appr Read 1 Pass Pass Pass	rad estud estud one. roxima Read 2009 2350 2241 2273 2307	e: All ent will pa ss, the stu- trely 36 st rely 36 st sceni S Instruce Outper S Instruc Outper S Instruc Outper S Instruc Outper	2: 34 - Al ss or be dent wi vidents form = ional form = ional form =	Fail K I Studen Nongs in a diffe ill no longer sho who may fail. H Read Tail	ts rement ta we up o lere ard Read 1.96 1.73 1.06 1.16	Eth rget g n the t e the r Vert Read 790 0 753 770	roup, , roup, , arget Most lil Pred Read 663 1984 687 698	: A) select list. I kely T 22009 2350 22241 22273 2307	III S1 the a S1 th	tud pprop tuder ht an Read 2007 0 1824 1932 2059	riate c ti ti s no d Sligh Read 0 0 0 0 0 0	S S group f fonger the longer the longer read Group ? ? ? ? ?	rom ron Right 12 9 11	R obj 02 9 111 8	R obj 03 8 14 10 8	R obj 04 15 0 13 13	Tot Tead 44 34 42 43	Read Cmd 2009 0 0

Figure 9. Detailed listing of students in the Special most likely to Pass/Convert/Fail.

V. DEMOGRAPHIC ANALYSIS

This module provided the capability to analyze a particular sub-population by drilling down to a particular detail. Figure 10 displays the Demographic query screen.

Directions:

- 1. Specify any combination of sub-populations by checking the desired checkbox.
- 2. Select the test.
- 3. Select all scenarios or check the desired scenarios.
- 4. Click the Submit Query button.

		ovarLUS:
Summary Target Demograph	hics Teacher Grade Tail Charts 1	interventions Utility Logout
Select Stu	dents By Demographic	es 📄
Show ONLY students that meet the following criteria	Select 7	[est(s)
SES: Sp. Ed: LEP: Ethnicity: Hispanic Sp. Ed: LEP: Display Demographic data Do <u>NOT</u> print the graphic tail (for spreadsheet) Do <u>NOT</u> show residual Include Benchmark Data Include Marking Period Grades	Select Math: If ONLY Math is checked: O Show All Math Scenarios: Show the following checked Math Scenarios: 3 4 5 6 7 8 9 10 11 12 13 14 15 66 17 18 19 20	Select Reading/ELA: If ONLY Reading is checked: O Show All Reading Scenarios O Show the following checked Reading Scenarios: 1 2 3 4 6 7 8 11 12 13 14 12 13 14 15 16 17 18 19 10 111 12 13 14 15 16 17 18 19 20
ONLY students with LNOVA data	Submit Query	

Figure 10. Student Scenarios by Demographics Query Screen.

Figure 11 displays the results of the demographic analysis of Hispanic, SES students query.

			T ()													I	n	٥v	/a	Ρ	LI	U	S	1								
			- 1				_		s	umma	iry	Target Dem	ographics Teach	ner G	rade	Tail	Char	ts I	nterve	ention	s Utilit	y Lo	gou	e									
								c	lick or Click	the s	itud	This q in grade ent's scenario enario, Tail, or	uery displays stud 08 that meet the number to view hi Residual column h	follow s/her leading	rom I ing: H highlig to so	noval ispani hted ort tha	c Stud places	HS lents ment i mn by	n the s	icenar	io matri 1 class.	×.											
ID	Gr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Math 2009	Math 2009	M Sc	<u>Scenario</u>	Math Tail	Math Resid	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group	Math Cmd 2009	M obj 01	M obj 02	M obj 03	M obj 04	M obj 05	M obj 06	M obj 07	M obj 08	M obj 09	M obj 10	Tota Math
3111162	08	Student1016	firstname	м	4	2	с	0	Pass	2130	s	8 + Banding		-0.06	713	716	2130	2023	2266	0	Pass	0	8	7	7	1	5	5	0	0	0	0	33
3112157	08	Student1021	firstname	м	4	1	F	0	Pass	2291	s	4 Instructional Outperform		0.56	785	757	2291	2211	2217	0	Pass	0	8	9	7	3	7	8	0	0	0	0	42
3116126	08	Student1042	firstname	F	4	1	0	0	Pass	2101	s	13 (-) Banding		-0.14	700	706	2101	2023	2174	0	Target	0	7	7	4	2	6	5	0	0	0	0	31
3122125	08	Student1063	firstname	м	4	1	0	0	Fail	1848	s	21 Psycho/Social Instructional Underperform		-1.27	588	651	1848	1976	1740	0	Target	0	4	1	3	1	3	1	0	0	0	0	13
3122125	08	Student1063	firstname	м	4	1	с	1	Pass	0	s	0		0.00	0	0	0	1976	0	0	No Data	0	4	6	2	2	2	4	0	0	0	0	20
3126172	08	Student1086	firstname	м	4	2	с	0	Pass	2115	s	13 (-) Banding		0.37	707	687	2115	1917	0	0	Target	0	5	8	4	4	5	6	0	0	0	0	32
<u>3129131</u>	08	Student1101	firstname	м	4	1	0	0	Pass	2101	s	13 (-) Banding		-0.36	700	717	2101	2076	2153	0	Target	0	7	6	6	2	4	6	0	0	0	0	31
3131124	08	Student1105	firstname	м	4	2	0	0	Pass	2416	s	4 Instructional		0.84	850	808	2416	2360	2357	0	Pass	1	9	10	7	4	7	9	0	0	0	0	46

Figure 11. Student Scenarios by Demographics.

VI. TEACHER VALUE-ADDED ANALYSIS

How much added value did the teachers provide to their students?

This module provides the capability to evaluate teacher added value. Select Last Year's teacher schedule to analyze whether the teacher added value to his/her students. Select the Current teacher schedule to display current teachers' students with their associated Inova data. Drill down to a specific scenario or groups of scenarios by checking the desired scenario checkboxes.

Directions:

- 1. Select the teacher from the drop-down. In this sample, and in the following samples, the selected teacher's name is *Teacher*, *Al*.
- 2. Select the test.
- 3. Select all scenarios or check the desired scenarios.
- 4. Click the *Submit Query* button.

InovaPLUSI HS Summary Target Demograp How much added value did This option enables you to evaluate teacher added v added value to his/her students. Select the <u>Curren</u> Inova data.	In hics Teacher Grade Tail Charts d the teachers provide alse. Select Last Year's teacher sched t teacher schedule to display current to	Interventions Utility Logout to their students? Let o analyze whether the teacher eachers' students with their associated
Select	Students By Teacher	
Select Options	Select	Test(s)
Teacher: TEACHER.AL Period: All Period: Spreadsheet) Do NOT show residual Include Marking Period Grades ONLY students with INOVA data © Last Year's Schedule Current Schedule	Select Math: - If ONLY Math is checked © Show All Math Scenarios Show the following checked Math Scenarios: - 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	Select Reading/ELA: If ONLY Reading is checked: Show All Reading Scenarios Show the following checked Reading Scenarios: 1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 16 17 18 19 21 22 23 24
	Submit Query	
The Inova	Center, Ltd. and EZVisionWare, Inc.	

Figure 12. Teacher Value-Added Query Screen.

The results of the teacher query is displayed in Figure 13, which represents a demographic analysis of *Teacher, Al's* students.

		,		Ş]	Ino	val	PLUS	S! HS	nary	Та	rget Demogra	aphics Teacher	Grade	e Ta	il Ch	l n arts	O	V	a	PL	.U Logo	ut	5!								
									Click	on the	e stud	Thi	s query displays 's scenario num	students from bu	uilding er high	8, Tea lighte	cher: d plac	TEAC	HER, /	e scen	ario n	natrix.											
ID	G	r Pr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Math 2009	Math 2009	M Sc	<u>Scenario</u>	<u>Math Tail</u>	<u>Math</u> Resid	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group	Math Cmd 2009	M obj 01	M obj 02	M obj 03	M obj 04	M objc	M 1 objo 06 0	/ bjo /7 ()	M M bjobj 18 09	M obj 10	Total Math
322722	8 11	1 28	Student1463	firstname	м	5	0	0	0	Pass	2401	s	1 Psycho/Social Underperform		-1.21	0	2528	2401	2455	2509	0	Pass	1	5	5	3	4	5	7	7	5 5	8	54
326912	2 11	1 28	Student1726	firstname	F	5	0	0	0	Pass	2155	s	6 Psycho/Social Underperform		-1.12	0	2273	2155	2170	2181	0	Pass	0	4	3	2	4	4	4	5	4 4	5	39
<u>332313</u>	2 11	1 28	Student1949	firstname	F	4	1	0	0	Pass	2205	s	4 Instructional Outperform		0.95	0	2104	2205	1932	2063	0	Pass	0	3	3	4	4	4	5	6	5 3	6	43
<u>336211</u>	<u>7</u> 10	28	Student2071	firstname	м	4	1	0	0	Pass	2572	s	3 + Banding		0.19	0	2550	2572	2494	0	0	Pass	1	5	5	5	4	5	7	7	6 5	9	58
<u>343912</u>	5 11	1 28	Student2237	firstname	F	5	0	0	0	Pass	2121	s	7 Psycho/Social Underperform		-0.93	0	2219	2121	2110	2112	0	Pass	0	4	5	2	3	4	3	4	3 3	5	36
<u>358118</u>	6 11	1 28	Student2609	firstname	м	5	0	0	0	Pass	2155	s	0		0.00	0	0	2155	0	2282	0	No Data	0	3	4	4	5	4	4	4	4 4	3	39
<u>367417</u>	2 10) 2B	Student2928	firstname	м	5	0	0	0	Fail	2037	s	22 Psycho/Social Instructional Underperform		-0.85	0	2126	2037	2103	0	0	Target	0	3	3	4	2	1	3	4	1 2	5	28
<u>375616</u>	7 11	1 2B	Student3182	firstname	F	4	0	0	0	Fail	2058	s			-1.44	0	2210	2058	2100	2100	0	Special Target	0	3	2	4	2	4	2	4	4 2	3	30
													12																				

Figure 13. Teacher Class Student Scenario Analysis.

Options on this screen:

- Click on the student's ID number to view the student's Inova pdf analysis page.
- Click on the student's scenario number to view his/her highlighted placement in the scenario matrix.

Sorting capabilities.

Click on the blue column headings to sort individually by:

- Scenario
- Tail
- Residual

VII. GRADE LEVEL ANALYSIS

Analyze a particular grade level and sub-population by drilling down to a particular detail. Figure 14 displays the Grade query screen. Specify any combination of sub-populations by checking the desired checkbox. Drill down to a specific scenario or groups of scenarios by checking the desired scenario checkboxes.

Directions:

- 1. Select the grade test taken from the drop-down.
- 2. Select the test.
- 3. Select all scenarios or check the desired scenarios.
- 4. Click the *Submit Query* button.

InovaPLUS! HS Summary Target Demograp	Dhics Teacher Grade Tail Charts	OVAPLUS!
Selec	t Students By Grade	
Select Options	Select	Test(s)
Grade Test Taken: 08 V Sub-Pop: EcoDis V Display Demographic data Do <u>NOT</u> print the graphic tail (for spreadsheet) Do <u>NOT</u> show residual Include Benchmark Data Include Marking Period Grades ONLY students with INOVA data	Select Math: ✓ If ONL Y Math is checked: ○ Show All Math Scenarios ○ Show the following checked Math Scenarios: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 7 8 9 10 111 12 13 14 15 16 17 18 19 20 21 22 23 24 25	Select Reading/ELA: If ONLY Reading is checked: © Show All Reading Scenarios: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 7 18 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
	Center 1td and EZV/sinnWare Tor	

Figure 14. Grade Level Analysis Query Screen.

The results of the grade query are displayed in Figure 15, which represents an analysis of 8th grade economically disadvantaged students.

				>					US!	HS	ITY	Target Dem	ographics Teac	her G	irade	Tail	I	n ets I	0) nterve	/a	P	L	U	S	!								
								¢	lick or Click	the s	tud	This q in grade ent's scenario enario, Tail, or	uery displays stu 08 that meet the number to view hi Residual column h	dents f follow is/her neading	rom I ing: Ec highlig to so	novaF co. Dis hted rt tha	LUS! I Stud placer t colu	HS Jents ment i mn by	n the s	scenar	io matri d class.	×.											
ID	Gr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Math 2009	Math 2009	M Sc	<u>Scenario</u>	Math Tail	<u>Math</u> Resid	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group	Math Cmd 2009	M obj 01	M obj 02	M obj 03	M obj 04	M obj 05	M obj 06	M obj 07	M obj 08	M obj 09	M obj 10	Total Math
3111125	08	Student1015	firstname	F	3	1	0	1	Pass	2176	s	9 Instructional Outperform		0.79	734	694	2176	1989	2134	0	?	0	7	9	5	3	6	6	0	0	0	0	36
3111162	08	Student1016	firstname	М	4	2	с	0	Pass	2130	s	8 + Banding		-0.06	713	716	2130	2023	2266	0	Pass	0	8	7	7	1	5	5	0	0	0	0	33
3112157	08	Student1021	firstname	м	4	1	F	0	Pass	2291	s	4 Instructional Outperform		0.56	785	757	2291	2211	2217	0	Pass	0	8	9	7	3	7	8	0	0	0	0	42
3113182	2 08	Student1031	firstname	м	3	1	0	0	Pass	2210	s	8 + Banding		0.28	749	734	2210	2167	2100	0	Pass	0	7	9	5	3	7	7	0	0	0	0	38
3115125	08	Student1039	firstname	м	3	1	0	1	Pass	2130	s	8 + Banding		-0.32	713	728	2130	2196	1974	0	Pass	0	7	8	3	3	7	5	0	0	0	0	33
3116126	08	Student1042	firstname	F	4	1	0	0	Pass	2101	s	13 (-) Banding		-0.14	700	706	2101	2023	2174	0	Target	0	7	7	4	2	6	5	0	0	0	0	31
3116181	08	Student1043	firstname	F	5	1	0	0	Pass	2100	s	13 (-) Banding		-0.21	700	710	2100	2039	2174	0	Target	0	7	5	4	2	6	6	0	0	0	0	30
3122125	08	Student1063	firstname	м	4	1	0	0	Fail	1848	s	21 Psycho/Social Instructional Underperform		-1.27	588	651	1848	1976	1740	0	Target	0	4	1	3	1	3	1	0	0	0	0	13

Figure 15. Teacher Class Student Scenario Analysis.

Options on this screen:

- Click on the student's ID number to view the student's Inova pdf TAKS Needs Assessment Profile page (Figure 16.)
- Click on the student's scenario number to view his/her highlighted placement in the scenario matrix.

Sorting capabilities.

Click on the blue column headings to sort individually by:

- Scenario
- Tail
- Residual

To view the TAKS Needs Assessment Profile for any student, simply click the student's ID link from any report (except for the Intervention module).



Figure 16. Student Inova TAKS Needs Assessment Profile.

VIII. VALUE ADDED TAIL ANALYSIS

How much value did your staff add to your students last year?

This option allows you to evaluate the entire campus - or an individual teacher - through an Added-Value performance summary itemizing the number of students in each of the 25 scenarios. The TAKS Inova Tail Analysis query screen (Figure 17) provides the capability to filter by certain grade levels, teacher, and/or ethnic groups.

Directions

- 1. Select grade level.
- 2. Select the desired Sub-Pop.
- 3. Select a specific teacher or All. In this sample, the teacher is Teacher, Al.
- 4. Click the *Get Tail Report* button.

Ino	VaPLUSI HS InovaPLUSS Summary Target Demographics Teacher Grade Tail Charts Interventions Utility Logout How much value did your staff add to your students last year? his option allows you to evaluate the entire campus - or an individual teacher - through an Added-Value erformance sumpry itemizing the number of students in sach of the 25 scenarios. You can also filter by certain
	TAKS Inova Tail Analysis
	Select Options
	Select Grade All 💌 Sub-Pop: All 💌 Teacher: TEACHER, AL 💌
	Select Test: @ Math @ Reading/ELA Get Tail Report
	The Inova Center, Ltd. and EZVisionWare, Inc.

Figure 17. TAKS Inova Tail Query Screen.

Figure 18 represents a value-added analysis of *Teacher*, *Al's* students. Notice the number of tail-left students versus the number of tail-right students. Did this teacher provide a value-added education?

Options

- Select Previous Year to analyze how your teachers performed.
- Select Current Year to analyze where your students are now and to guide necessary interventions.

Ino	vaPLUS! HS INOVAPLUS!
1	Summary Target Demographics Teacher Grade Tail Charts Interventions Utility Logout
	Click on the number of students in each scenario to view the group of students.
	TEACHER, AL Inova Tail Analysis Grade All / Math / All Students
	2 2 4 0 0 15 20 20 46 12 3 104

Figure 18. Value-Added Tail Analysis for Teacher, Al.

Who are those students in a particular scenario? Click on the associated number to drill down to the detail level. Figure 19 displays the results of clicking on the number 4 in the Left-Tail Yellow group.

	mary Target	t De	emograph	ics Teacher	Grade Tail	Charts	Interventio	ons Utility	Logout
Math	Grade	All	All	Students	s Sce	nario	16 -		
Student Name	StudentID	Eth	TAKS	Scenario	Predicted	Longitu Last Yr	dinal TAK 2 yrs ago	S Results 3 yrs ago	4 yrs ag
Student1390, firstname	3222124	4	Failed		741	2057	2114	2294	0
Student1617, firstname	3252119	5	Failed		2230	2066	2121	2129	0
Student3182, firstname	<u>3756167</u>	4	Failed	16	2210	2058	2100	2100	0
Student3398, firstname	<u>3836115</u>	4	Failed		2201	2066	2044	2181	0

Figure 19. Detail Analysis for Scenario 16 for Teacher, Al.

Who are the Left-Tail students in *Teacher, Al's* classes? Click on the number 20 at the bottom of the Left-Tail column to drill down to the detail level (Figure 20).

InovaPLUS! HS	nary Targe	t De	emograph	ics Teacher	Grade Tail	In	OV	a PL	US!	
	Mat	h ⊿	T All Stud	EACHE lents Tኔ	R, AL nil Left		N			
Student Name	StudentID	Eth	TAKS	Scenario	Predicted	Longitu	dinal TAK	S Results	A vrs ago	
Student1083, firstname	3126116	4	Passed		2511	2352	2448	0	0	
Student1463, firstname	3227228	5	Passed	1	2528	2401	2455	2509	0	
Student2738, firstname	<u>3622197</u>	5	Passed	1	2507	2246	2347	2647	0	
Student1996, firstname	<u>3338117</u>	3	Passed	1	2402	2294	2347	2282	0	
Student1896, firstname	<u>3311115</u>	4	Passed	1	2581	2466	2411	2780	0	
Student2398, firstname	3522129	5	Passed	6	2379	2132	2293	0	0	

Figure 20. Detail Analysis for Left-Tail Scenarios for Teacher, Al.

Who are all the Grey students in *Teacher*, *Al's* classes? Click on the number 12 on the right-hand grey column to drill down to the detail level (Figure 21).



Figure 21. Detail Analysis for Grey Scenarios for Teacher, Al.

IX. SCENARIO CHART ANALYSIS

Chart performance by Color Grouping for grade level, sub-population, and/or teacher (Figure 22). This module displays a bar chart (Figure 23) or pie chart (Figure 24) based upon the selected criteria.

Directions

- 1. Select desired filter options.
- 2. Click the Color Group for Sub-Pop Group button.

InovaPLUSI HS InovaPLUS!
Summary Target Demographics Teacher Grade Tail Charts Interventions Utility Logout
Chart your performance. A picture is worth a thousand words!
Scenario Chart Analysis
Select Sub-Pop: All 💙 Grade: All 💌 Test: Math 💌 Teacher: TEACHER. AL
Color Group for Sub-Pop Group
Color Groupings for Sub-Pop Group: All Students / Grade / Reading /

Figure 22. Scenario Chart Analysis Query Screen.



Figure 23. Color Group Bar Chart Analysis for *Teacher*, Al.



Figure 24. Color Group Pie Chart Analysis for Teacher, Al.

Click on the desired bar color or pie color to drill down to the student detail for that particular group. Figure 25 displays the students identified in the red grouping for *Teacher, Al.*

				W																				-								
			2					iPLU									Ir	10		a	PI		J	S	1							
			_	-		-	ø		Sun	mary	Ta	arget Demog	raphics Teache	Gra	ade 1	fail 🤇	Charts	Int	erven	tions	Utility	Log	gout									
											Thi	is query displa	ys students from All Stu	the c	lasses	ofT	EACI	HER,	AL													
								Click	c on th	e stud	lent	's scenario nu	mber to view his	/her h	ighligh	ited p	lacen	nent ir	the s	cenar	io mat	rix.										
ID	Gr	Last Name	First Name	Sex	Eth	SES	LEP	SpEd	Math 2009	Math 2009	M Sc	Scenario	lick on Scenario	Math Resid	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group	Math Cmd 2009	M obj	M obj	M obj	M obj	M obj	M I obj c	M I objo	M N bjol	bj ob	j Mati
3672224	11	Student2922	firstname	F	4	1	с	0	Fail	2015	s	0		0.00	0	0	2015	0	0	0	No Data	0	2	3	3	2	2	1	3	3 4	3	26
3223127	10	Student1416	firstname	м	3	1	0	0	Fail	1977	s	22 Psycho/Social Instructional		-0.57	0	2036	1977	1963	0	0	Target	0	0	4	3	2	2	1	2	3 2	2 4	23
3589229	11	Student2655	firstname	м	3	1	0	0	Fail	1927	s	0		0.00	0	0	1927	0	0	0	No Data	0	2	1	0	1	2	2	4	1 2	2 4	19
3674172	10	Student2928	firstname	м	5	0	0	0	Fall	2037	s	22 Psycho/Social Instructional Underperform		-0.85	0	2126	2037	2103	0	0	Target	0	3	3	4	2	1	3	4	1 2	: 5	28
<u>3735198</u>	10	Student3131	firstname	F	4	1	0	0	Fail	2013	s	22 Psycho/Social Instructional Underperform		-0.60	0	2076	2013	2025	0	0	Target	0	2	1	4	3	4	2	3	1 4	2	26
<u>3762188</u>	10	Student3206	firstname	м	1	1	0	0	Fail	1871	s	22 Psycho/Social Instructional Underperform		-0.53	0	1926	1871	1791	0	o	Target	0	2	2	1	0	2	1	2	2 1	2	15
3849182	10	Student3448	firstname	м	4	0	с	0	Fail	1952	s	23 Very Negative Banding		0.37	0	1913	1952	1770	0	0	Fail	0	1	4	1	0	3	3	3	2 1	3	21
3123116	11	Student1067	firstname	F	5	0	0	1	Fail	2022	s	23 Very Negative Banding		-0.34	0	2060	2022	1920	0	0	Fail	0	1	4	3	2	2	4	4	2 3	2	27
3131117	10	Student1104	firstname	F	3	1	0	0	Fail	1966	s	0		0.00	0	0	1966	0	1934	0	No	0	1	3	3	2	2	2	2	2 1	4	22

Figure 25. Color Group Student Detail Analysis for the Red Pie/Bar for Teacher, Al.

X. INTERVENTION ANALYSIS

This module is designed to track students' daily interventions based upon the development of the Scenario Intervention Matrix (Figure 28). Step 1 below <u>must</u> be completed <u>prior</u> to entering any daily interventions (step 5). Step 1 is completed by the campus administration - one time. Step 3 and/or 4 can be completed by the administration and/or teachers. Teachers complete step 5 and/or 6. Figure 26 displays the Intervention Menu screen.

- 1. <u>Create your campus Scenario Intervention Matrix (Figure 27)</u>: This is the <u>first</u> <u>step</u> that must be completed by the administration before you enter student intervention documentation. Once created, you can also utilize this module to edit your campus Inova Scenario Intervention Matrix.
- 2. <u>Display Scenario Intervention Matrix (Figure 28)</u>: Display your campus Inova Scenario Intervention Matrix that you created in step 1.
- 3. <u>Identify Students by Teacher (Figure 29)</u>: Select students for Inova Interventions by a teacher's class period. Students selected in this step will show up in the <u>Enter</u> <u>Interventions</u> module (#4 below). You only identify a student <u>one time</u>. Once a student is identified, the student will show up as identified for every teacher that has this student.
- 4. <u>Identify by Students (Figure 33)</u>: Identify students individually by listing students in a particular target area. Display all interventions provided by the teacher (Figure 30).
- 5. <u>Enter/list Interventions by Teacher (Figure 35)</u>: Enter Inova Interventions by a teacher's class period. Students identified from the <u>Identify Students</u> module (#3 above) will be listed by teacher, course, and class period. You can also use this module to list all interventions for a student or all interventions by a teacher (Figure 30).
- 6. <u>Enter/list Interventions by Student (Figure 36)</u>: Enter/list interventions for individual students.

1	InovaPLUS! Create/Edit Matrix Display Matrix Identify By: Teacher / Student Enter by: Teacher / Student Main
	Interventions Menu
Dire This Step	ctions: module is designed to track students' daily interventions. Steps 1 below <u>must</u> be completed <u>prior</u> to entering any daily interventions (step 4). 1 is completed by the campus administration - one time. Step 3 and/or 4 can be completed by the administration or teachers. Teachers plete step 5 and/or 6.
1.	Create your campus Scenario Intervention Matrix: This is the first step that must be completed by the administration before you enter student intervention documentation. Once created, you can also utilize this module to edit your campus Inova Scenario Intervention Matrix.
2.	Display Scenario Intervention Matrix: Display your campus Inova Scenario Intervention Matrix that you created in step 1.
3.	Identify Students by Teacher. Select students for Inova Interventions by a teacher's class period. Students selected in this step will show up in the <u>Enter Interventions</u> module (#4 below). You only identify a student <u>one time</u> . Once a student is identified, the student will show up as identified for every teacher that has this student.
4.	Identify by Students: Identify students individually by listing students in a particular target area.
5.	Enter/list Interventions by Teacher: Enter Inova Interventions by a teacher's class period. Students - identified from the Identify Students module (#3 above) will be listed by teacher, course, and class period. You can also use this module to list all interventions for a student or all interventions by a teacher.
6.	Enter/list Interventions by Student: Enter/list interventions for individual students.

are 26. Intervention Menu Screen.

Create your campus Scenario Intervention Matrix (Figure 27): This is the first step that must be completed by the administration before you enter student intervention documentation. Once created, you can also utilize this module to edit your campus Inova Scenario Intervention Matrix.

- To add an intervention, select the Scenario number in the drop-down under • the Scenario # column. Enter the intervention detail in the text box under the Intervention Description column and click the Submit Data button.
- Click the <u>Scenario #</u> link to view the underperforming, Banding, and Outperforming matrix.
- To edit an existing intervention, click on associated the <u>*</u> under the Edit • column.
- To delete an existing intervention, click on the associated <u>*</u> under the Del • column.

Display Scenario Intervention Matrix (Figure 28): Display your campus Inova Scenario Intervention Matrix.

InovaPLUS!

Ş	InovaPLUS Create/Er	31 HS dit Mat	InovaPLUS!
			Create/Edit Scenario Intervention Matrix
Delete Edit	<u>Scenarios</u>	ID #	Intervention Description
*		1	Positive Reinforcers
•	1	2	Monitor Progress
Delete Edit	Scenarios	ID #	Intervention Description
*	2	3	Positive Reinforcers
*	2	4	Monitor Progress
Delete Edit	Scenarios	ID #	Intervention Description
<u>*</u>	25	84	Advisory Pull Out
<u>*</u>	25	85	Tutorials
<u>*</u>	25	86	Saturday School
Delete Edit	Scenarios	ID #	Intervention Description
	1 💌	87	
		<u> </u>	

Figure 27. Create/Edit Scenario Intervention Matrix.

	InovaPLUS Create/E	51 HS idit Matrix Display Matrix Identify By: 1 Display Inte	In Feacher / Student Enter by: Tea Prvention Matrix	OVAPLUS	5!
		Sc	enarios		
Green	Positive ReinforcersMonitor Progress	Positive Reinforcers Monitor Progress	 Positive Reinforcers Monitor Progress	Positive Reinforcers Congratulation letter Monitor Progress	 Positive Reinforcers Congratulation letter Monitor Progress
Blue	Encouragement letter Parent Meeting Monitor Progress	ment letterParent MeetingMonitor Progress	 Encouragement letter Parent Meeting Monitor Progress 	 Visit w/ administrator Monitor Progress 	 Visit w/ administrator Monitor Progress
Gray	Teacher/Team conference w/ parents and students Small Groups Group mentoring	Teacher/Team conference w/ parents and students Small Groups Group mentoring	 Counselor conference w/ students Small Groups Advisory Pull Out Tutorials 	 Visit w/ administrator Small Groups Advisory Pull Out Tutorials 	 Visit w/ administrator Small Groups Advisory Pull Out Tutorials
	Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School	Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School	Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School	 Visit w/ administrator Advisory Pull Out Tutorials Saturday School 	 Visit w/ administrator Advisory Pull Out Tutorials Saturday School
Red	 Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School 	Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School	Teacher/Team conference w/ students Advisory Pull Out Tutonials Saturday School Individual Mentoring	Visit w/ administrator Teacher/Team conference w/ students Idividual Mentoring Advisory Pull Out Tutorials Saturday School	Visit w/ administrator Teacher/Team conference w/ students Individual Mentoring Advisory Pull Out Tutorials Saturday School

Figure 28. Display Scenario Intervention Matrix.

Identify Intervention Students by Teacher

This module provides the option to select students for Inova Interventions by a teacher's class period. Students selected in this step will show up in the <u>Enter Interventions</u> module. You only identify a student <u>one time</u>. Once a student is identified, the student will show up as identified for every teacher that has this student.

\$	InovaPLUS Create/Ed	! HS lit Matr	ix Disp	olay Mat	trix Id	entify E	ly: Teach	er / St	InovaPLUS!
			Ino	vaIn	terv	enti	on St	ude	lent Identification
	Enter	Stud	ent ID	for a s	ingle :	studen	t:	S	Search List all identified students
			Sele	ect a te	acher o	lass pe	riod to a	lisplay	ay the students in that class.
eacher Number	Teacher Name								Select Class Period
15898	TEACHER, AL	212B 2B	212B 3B	212B 4B	212BM 4B	212B 5B	212B 6B	212B 7B	B
11360	TEACHER, BILL	218B 2B	218B 3B	218B 4B	218B 5B	218B 6B	218B 7B		
15014	TEACHER, BOB	162B	162BL 1B	162B 2B	162B 4B	162BL	162B	162BL	3L 162B 162BL 162B 162BL 162BL
15536	TEACHER, CHUCK	208B 1B	202B 2B	208B 3B	202B 4B	202B 5B	202B 6B		
13326	TEACHER, DAVE	200B 1B	200BM 1B	9200B 1B	200B 2B	200B 3B	200BM 3B	200B 5B	B 200B 200B 200BM 9200B 6B 7B 7B 7B 7B
13781	TEACHER, FRANK	206B 2B	218B 3B	218B 4B	218BL 4B	206B 5B	218B 6B	218B 7B	
10891	TEACHER, JIM	<u>190B</u> <u>1B</u>	<u>162B</u> <u>2B</u>	<u>190B</u> <u>3B</u>	<u>162B</u> <u>4B</u>	<u>162BZ</u> <u>7B</u>			
12409	TEACHER, JOE	787B 7B							
	12	00760	00700						

Figure 29. Intervention Student Identification by Teacher Screen.

In the following example, *Teacher, Al's* course 217B period 2B is selected. The class roster is displayed in Figure 30.

Directions

- 1. Click on a class period to display the students (Figure 31) or
- 2. Click on the Teacher Number to display all interventions provided by the teacher (Figure 30) or
- 3. List All Identified Students click the *List all identified students* button (Figure 32).
- 4. **To identify a student for interventions** click the appropriate check box under the <u>Math Add</u> or <u>Read Add</u> column. Click *Update Students*.
- 5. To remove a student from interventions If a student is already identified as receiving interventions, the student's associated math or reading add checkbox will be checked. For identified students, a remove checkbox is now displayed. To remove the student, click the associated remove checkbox. *Click Update Students*.
- 6. **Filter by Sub-pop** Filter the student listing by selecting the desired sub-pop from the drop-down and click the *Filter by Sub-Pop* button.

	Ino	VaPLUS! HS Create/Edit Matrix [Display Matrix Ident	i fy By: Teacher / Stud	In	OVAPL	US	5!	
			Teacher l	Daily Interv	ention Lis	t			
]	eacher: 158	98				
Intervention Date	Student ID	Student Name	Intervention 1	Intervention 2	Intervention 3	Comments	Course	Period	Date Added
00:00:00 00-00-0000	3581186	Student2609, firstname	Monitor Progress			last time	212B	2B	2009-10-31 00:00:00
0000-00-00 00:00:00	3581186	Student2609, firstname	Monitor Progress	Congratulation letter		Almost there	212B	2B	2009-10-31 00:00:00
00:00:00-00-00:00:00	3581186	Student2609, firstname	Encouragement letter			more	212B	2B	2009-10-31 00:00:00
00:00:00-00-00:00:00	3581186	Student2609, firstname	Monitor Progress			still trying	212B	2B	2009-10-31 00:00:00
00:00:00-00-00:00:00	3581186	Student2609, firstname	Monitor Progress			continue	212B	2B	2009-10-31 15:24:07
2009-10-31 15:33:50	3581186	Student2609, firstname	Encouragement letter	Monitor Progress		will pass	212B	2B	2009-10-31 15:33:50
2009-11-17 15:35:05	<u>3756167</u>	Student3182, firstname	Parent Meeting	Monitor Progress		Progressing	212B	2B	2009-11-17 15:35:05
2009-11-17 15:35:05	3269122	Student1726, firstname	Encouragement letter	Monitor Progress	Monitor Progress	Additional help required	212B	2B	2009-11-17 15:35:05
	3581186	Student2609, firstname	Monitor Progress	Monitor Progress		Progressing	212B	2B	2009-11-17 15:35:05

Figure 30. Display All Interventions Provided by a Teacher.

		Ş		noval Cre Check	PLUS! HS sate/Edit Matrix Displ Id Check the appropria the appropriate <u>Math</u>	en en Rer	atrio tif Math nov	× Id y I 1 Sel e or	lenti NO <u>ect</u> (<u>Rea</u>	fy By: Va] or <u>Rez</u> d Ren	Teacher / Stude Interventi d Select to ider nove to remove	nt Er ON ttify a a stu	II nter by Stu stude dent f	y: Tea den t for rom t	cher / nts Inov he Ino	/a Stude a Inte ova In	P ant M rventi terves	lain toons.	US!				
Math	Math	Read	Read	Student	Student Name	Sav	ea	Ch	er	SnEd	898 COU	Vert	Pred	Math	Math	Math	Math	A B Math	Read Tail	Vert	Pred	Read	Re
Select	Remove	Select	Remove	ID	Student nume	Sex	cui	ata	LEF	speu	Maurran	Math	Math	2009	2008	2007	2006	Group	Read Tall	Read	Read	2009	20
				3581186	Student2609, firstname	M	5	0	0	0		0	0	2155	0	2282	0	No Data		0	2232	2189	21
V		V		3269122	Student1726, firstname	F	5	0	0	0		0	2273	2155	2170	2181	0	Pass		0	2370	2 <mark>4</mark> 00	23
				3323132	Student1949, firstname	F	4	1	0	0		0	2104	2205	1932	2063	0	Pass		0	2304	2319	22
				3756167	Student3182, firstname	F	4	0	0	0		0	2210	2058	2100	2100	0	Special Target		0	2288	2229	22
V				3227228	Student1463, firstname	M	5	0	0	0		o	2528	2401	2455	2509	0	Pass		0	2329	2403	22
				3362117	Student2071, firstname	M	4	1	0	0		0	2550	2572	2494	0	0	Pass	7	0	0	0	24
				3674172	Student2928, firstname	м	5	0	0	0		0	2126	2037	2103	0	0	Target		0	2329	2305	24
<										101	· · · · · · · · · · · · · · · · · · ·												>

Figure 31. Identify Students in Need of Interventions.

		Ş		noval	PLUS! HS sate/Edit Matrix Displ Li	ay M	latri: Al	< Id	lenti NO ¹	fy By: Va I	Teacher / Stude nterventi	nt En	I nter br Stu	n y: Tea der	O\ cher/ its	/a	P ent M	P L U Iain	JSI				^
Math Select	Math Remove	Read Select	Read Remove	Student	Student Name	Sex	Eth	SES	LEP	SpEd	Math Tail	Vert Math	Pred Math	Math 2009	Math 2008	Math 2007	Math 2006	Math Group	Read Tail	Vert	Pred	Read 2009	Re 20
				<u>3112116</u>	Student1018, firstname	F	3	0	0	0		0	2116	2000	1920	2129	0	Target		0	2238	2189	21
		V		<u>3114188</u>	Student1038, firstname	F	3	0	0	0		0	2141	2015	2022	2015	0	Target		0	2269	2202	22
				<u>3118161</u>	Student1051, firstname	F	4	1	с	1		0	2091	1931	1956	0	0	Target		0	2094	2104	19
				3122125	Student1063, firstname	м	4	1	0	0		588	651	1848	1976	1740	0	Target		631	683	2018	19
				<u>3122125</u>	Student1063, firstname	М	4	1	с	1		0	0	0	1976	0	0	No Data		0	0	0	17-
				<u>3227228</u>	Student1463, firstname	м	5	0	0	0		0	2528	2401	2455	2509	0	Pass		0	2329	2403	22
				3269122	Student1726, firstname	F	5	0	0	0		0	2273	2155	2170	2181	0	Pass		0	2370	2400	23
 ✓ 				<u>3323132</u>	Student1949, firstname	F	4	1	0	0		0	2104	2205	1932	2063	0	Pass		0	2304	2319	22

Figure 32. List All Students Identified for Interventions.

Identify Intervention Students by Student or Student Groups

This module provides the option to identify students individually by listing students in a particular target area. Display all interventions provided by the teacher (Figure 30).

Directions

- 1. Select an individual Student Id and click the Search button or
- 2. Check the checkbox(es) to display students in the desired Math or Reading scenarios.

Creat	e/Edit Matrix Display Matrix Id	Jentify By: Teacher / Student E	nter by: Teacher / Student Ma	in
Ide This optic	ntify Intervention	Students by Stude	nt or Scenario Gr	OUP
E	nter Student ID for a single	student:	List all identified students	
		Search		
	Select studen	ts to identify in the following	g Scenario(s):	
				M R R
	M R			
			MDARD	
M 🗋 🚄 📖 🗠 R 📋				

Figure 33. Identify Intervention Students by Student or Scenario Group.

In Figure 33, students in the Scenario Groups of Grey Slight-Tail Left (12) and Yellow Slight-Tail Left (17) were selected and the results are displayed in Figure 34.

		Ş		novaF Cre Check	PLUSI HS ate/Edit Matrix Displ Id Check the appropria the appropriate <u>Math</u>	ay M en Ren	atrip tif <u>Math</u> nov	(1d y I <u> Sel</u>	lenti 100 ect c Rea	fy By: Va] or <u>Res</u> d Ren	Teacher / Stude Interventi d Select to ider nove to remove Scorecio	nt Er On utify a a stu	I nter by Stu stude dent fi	y: Teas der ent for from the	o cher/ nts Inov he Inc	Stude a Inte ova In	P ent M rventi terver	ain ons.	US!				
Math	Math	Read Select	Read Remove	Student	Student Name	Sex	Eth	SES	LEP	SpEd	Math Tail	Vert Math	Pred	Math	Math	Math	Math 2006	Math	Read Tail	Vert	Pred	Read	Re 20
				3132119	Student1106, firstname	F	5	0	0	0		0	2175	2100	2033	2112	0	Special Target		0	2369	2400	22
				3146172	Student1137, firstname	м	4	1	0	0		0	2182	2109	2143	2193	0	Special Target		0	2243	2278	22
				3172167	Student1208, firstname	F	5	0	0	0		0	2195	2100	2226	2137	0	Special Target		0	2363	2278	24
				3173116	Student1213, firstname	F	3	1	0	0		0	2158	2100	2044	2031	0	Special Target		0	2370	2261	23
				3195152	Student1298, firstname	м	4	0	0	0		704	730	2110	2101	2217	0	Special Target		772	756	2311	21
				3197173	Student1309, firstname	٢	4	1	0	0		0	2225	2100	2191	2225	0	Special Target		0	2316	2278	24
<				3214125	Student1342, firstname	М	4	0	0	0		0	2181	2100	2226	2111	0	Special Target		0	2261	2323	22 ~

Figure 34. Identify Students by Scenario Groups.

Enter/list Interventions by Teacher

This module provides the option to enter Inova Interventions by a teacher's class period students (Figure 37).

Directions

1. Click on the teacher number to view all interventions provided by that teacher

	InovaPLUS Create/Ed	! HS lit Matr	ix Disj	olay Ma	trix Id	lentify E	l y : Teac	her / St	udent	I Enter b	M (DV	a	DL Main	U	S!					
	(En	ter S	Stud	ent I	nter	vent	ion l	[nfoi	rmat	tion									
	Enter Stude	nt ID	for a s	ingle s	tuden	:			Sea	rch		ist all io	lentifie	d stude	nts	D					
Teacher Number	Teacher Name						5	Select (Class H	Period]	
<u>15898</u>	TEACHER, AL	212B 2B	212B 3B	212B 4B	212BM 4B	212B 5B	212B 6B	212B 7B													
<u>11360</u>	TEACHER, BILL	218B 2B	218B 3B	218B 4B	218B 5B	218B 6B	218B 7B														
<u>15014</u>	TEACHER, BOB	<u>162B</u> <u>1B</u>	<u>162BL</u> <u>1B</u>	<u>162B</u> <u>2B</u>	<u>162B</u> <u>4B</u>	<u>162BL</u> <u>4B</u>	<u>162B</u> <u>5B</u>	<u>162BL</u> <u>5B</u>	<u>162B</u> <u>6B</u>	<u>162BL</u> <u>6B</u>	<u>162B</u> <u>7B</u>	<u>162BL</u> <u>7B</u>									
<u>15536</u>	TEACHER, CHUCK	208B 1B	202B 2B	<u>208B</u> <u>3B</u>	202B 4B	202B 5B	202B 6B														
<u>13326</u>	TEACHER, DAVE	200B 1B	200BM 1B	9200B 1B	200B 2B	200B 3B	200BM 3B	200B 5B	200B 6B	200B 7B	200BM 7B	9200B 7B									
<u>13781</u>	TEACHER, FRANK	206B 2B	218B 3B	218B 4B	218BL 4B	206B 5B	218B 6B	218B 7B													
<u>10891</u>	TEACHER, JIM	<u>190B</u> <u>1B</u>	<u>162B</u> <u>2B</u>	<u>190B</u> <u>3B</u>	<u>162B</u> <u>4B</u>	<u>162BZ</u> <u>7B</u>															
12409	TEACHER, JOE	<u>787B</u> <u>7B</u>																			
<u>11135</u>	TEACHER, LARRY	<u>9976B</u> <u>6B</u>	<u>9978B</u> <u>6B</u>																		
15016	TEACUED MIVE	<u>162B</u>	162BM	9162B	<u>162B</u>	162BM	<u>9162B</u>	<u>162B</u>	162BM	<u>9162B</u>	<u>162B</u>	162BM	9162B	<u>162B</u>	162BM	9162B	<u>162B</u>	162BM	9162B		

Figure 35. Enter Student Intervention Information Screen.

Students who were identified in the <u>Identify Students</u> module will be listed by teacher, course, and class period. You can also use this module to list all interventions for a student or all interventions by a teacher (Figure 30).

InovaPLUSI HS Create/Edit Matrix	Display Matrix Id	entify By: Teacher / Si	udent	I Enter by	nov	Ca PL	.US!	
1	Enter Stud	ent Intervent	tion 1	[nfor	mation			
Te	acher: 158	98 Course:	212	B Pe	eriod: 2	B		
Intervention Description		Interv	ention	Docur	nentation I	ate (mm/dd/	yy): 11/17/200	9
1 Positive Reinforcers	Ide	ntified Students	Math	Read	Enter Inte	rvention nur	nber from left	Comments
2 Monitor Progress	3581186	Student2609, firstname		Λ	18	15		Progressing
3 Positive Reinforcers 4 Monitor Progress	3269122	Student1726, firstname		1	19	21	23	Additional help required
5 Positive Reinforcers	3323132	Student1949, firstname	Δ	$\mathbf{\Lambda}$				Absent today
6 Monitor Progress	3756167	Student3182, firstname	\wedge	\wedge	14	15		Progressing
7 Positive Reinforcers 8 Congratulation letter	3227228	Student1463, firstname		Δ				
10 Positive Reinforcers	3674172	Student2928, firstname	$\mathbf{\Lambda}$	Λ				
11 Congratulation letter 12 Monitor Progress					Submit Inte	rventions		
13 Encouragement letter 14 Parent Meeting								

Figure 36. Student Intervention Input Screen.

Entering Student Interventions

- 1. Enter the Intervention date. The current date is default.
- 2. Enter the intervention number (from left-hand column) in the associated text box under the Enter Intervention column.
- 3. Enter any comments.
- 4. Click Submit Interventions

1			Teacher 1	Daily Interv	ention Lis	t			
]	eacher: 158	98				
Intervention Date	Student ID	Student Name	Intervention 1	Intervention 2	Intervention 3	Comments	Course	Period	Date Added
00:00:00 00-00-000	3581186	Student2609, firstname	Monitor Progress			last time	212B	2B	2009-10-31 00:00:00
00:00:00 00-00-000	3581186	Student2609, firstname	Monitor Progress	Congratulation letter		Almost there	212B	2B	2009-10-31 00:00:00
00:00:00 00-00-00	3581186	Student2609, firstname	Encouragement letter			more	212B	2B	2009-10-31 00:00:00
00:00:00 00-00-00	3581186	Student2609, firstname	Monitor Progress			still trying	212B	2B	2009-10-31 00:00:00
00:00:00 00-00-00	3581186	Student2609, firstname	Monitor Progress			continue	212B	2B	2009-10-31 15:24:07
009-10-31 15:33:50	3581186	Student2609, firstname	Encouragement letter	Monitor Progress		will pass	212B	2B	2009-10-31 15:33:50
009-11-17 15:35:05	3756167	Student3182, firstname	Parent Meeting	Monitor Progress		Progressing	212B	2B	2009-11-17 15:35:05
009-11-17 15:35:05	3269122	Student1726, firstname	Encouragement letter	Monitor Progress	Monitor Progress	Additional help required	212B	2B	2009-11-17 15:35:05
009-11-17 15:35:05	3581186	Student2609, firstname	Monitor Progress	Monitor Progress		Progressing	212B	2B	2009-11-17 15:35:05

Figure 37. All Interventions Provided by an Individual Teacher.

Viewing/Deleting Student Interventions

- Click on the Student ID to view all provided interventions (Figure 38).
- Delete an Intervention by clicking the Del button.

		Create/Edit Matrix Di	isplay Matrix Identi	fy By: Teacher /	Student Ent	er by: Teacher /	Student	Main		
			Student I	Daily Inte	erventio	n List				
			Student26	509, firstn	ame 358	81186	_	-	_	
Del	Intervention Date	Intervention 1	Intervention 2	Intervention 3	Comments	Teacher Num	Course	Period	User ID	Date Added
Del	0000-00-00 00:00:00	Monitor Progress			last time	<u>15898</u>	212B	2B	guest	2009-10-31 00:00:0
Del	0000-00-00 00:00:00	Monitor Progress	Congratulation letter		Almost there	15898	212B	2B		2009-10-31 00:00:00
Del	0000-00-00 00:00:00	Encouragement letter			more	<u>15898</u>	212B	2B		2009-10-31 00:00:0
Del	0000-00-00 00:00:00	Monitor Progress			still trying	<u>15898</u>	212B	2B		2009-10-31 00:00:00
Del	0000-00-00 00:00:00	Monitor Progress			continue	15898	212B	2B	guest	2009-10-31 15:24:0
Del	2009-10-31 15:33:50	Encouragement letter	Monitor Progress		will pass	<u>15898</u>	212B	2B	guest	2009-10-31 15:33:50
Dal	2009-11-17 15:35:05	Monitor Progress	Monitor Progress		Progressing	15898	212B	2B	guest	2009-11-17 15:35:0

Figure 38. Student Daily Interventions List.

XI. UTILITY MENU

The Utility Module is restricted to users specified as a Principal or Administrator. Within the Utility Module, access to user information is restricted to users identified with Administrator rights.

- <u>Add New Students (Figure 40)</u>: Use this module to add or upload students to your Inova school roster who are <u>new</u> to the district. Student data can be entered individually or through an upload file (Figure 41).
- <u>Transfer Students (Figure 42)</u>: Use this module to transfer an existing district student, along with the student's Inova data, to your campus. Students are placed into the Hold List through the Archive option below.
- <u>Archive Students (Figure 43)</u>: Use this module to archive/remove a student from your campus. This process will archive the student in a Hold List for another campus to transfer. By using this option, the Inova data will transfer between campuses.
- <u>Edit Student Data (Figure 44)</u>: Use this module to edit individual student information.
- <u>Add/Edit User (Figure 45):</u> Use these modules to set up, upload, and maintain user accounts. **This is only available to users with Administrator rights**.
 - District Administrator: Access to everything maintains users, configures district information, uploads data, etc.
 - Campus Administrator: Access to campus student and teacher data can add and archive students.
 - Teacher: Access to student data in the individual teacher's class. Can view summary data reports but not the detail.
- <u>Upload Student Schedules:</u> Use this module to upload student schedules. Upload last year's schedule to analyze teacher added value. Upload the current schedule for teachers to evaluate the students in their classes.
- <u>District Configuration</u>: Use this module to configure district and campus information.



Figure 39. Utility Menu.

Add New Students

Use this module to add or upload students to your Inova school roster who are <u>new</u> to the district (Figure 40). Add individual student data, or upload a file of student data (txt format). Refer to Figure 41 for the Student Data Upload file definition. NOTE: before adding a student, check the Transfer list. The student data may already be on file.

5	InovaPLUS! HS	Inov	aPLUS!
	Add Students Transfer Archive Edit Studen	ts Edit Users Add Users Schedule Exit (Jtility
	Enter the student information to add new st later by selecting the Edit option in the Util the student will Add a Student to Y	udent to the district. You can edit the stude ity menu. If the student is already enrolled i be transferred to your campus. Your Campus Inova Rost	nt information in the district, er
	Student ID Student Last	Name First Name	
	Grade Last Year: 08 💌 Ethnicity: V	Vhite 🔽 SES: No 🔽 LEP: No 🔽	SpEd: No Y
	TAKS Year 2009: Math Vertical Scale:	Reading Vertical Scale:	Math Group:
	TAKS Year 2008: Math Vertical Scale:	Reading Vertical Scale:	No Data
	TAKS Year 2007: Math Vertical Scale:	Reading Vertical Scale:	Read Group:
	TAKS Year 2006: Math Vertical Scale:	Reading Vertical Scale:	No Data
		Add Student	
	Upload	l a File of Students	
	The student data file must be a comma delir	nited (.csv) file with these rerquired fields	(file definition)
	Select file	Browse	P
		Lipland	

Figure 40. Add Student to Your Campus Inova Roster Screen.

InovaPLUS!

								Sutdent I	Upload File	Definitio	n							
studentID	Lastname	Firstname	Grade	Building	Ethnic	EcoDis	LEP	Sp.Ed.	TAKS Math Vertical Scale	TAKS Math -1 Vertical Scale	TAKS Math -2 Vertical Scale	TAKS Math -3 Vertical Scale	TAKS Math Group	TAKS Read Vertical Scale	TAKS Read -1 Vertical Scale	TAKS Read -2 Vertical Scale	TAKS Read -3 Vertical Scale	TAKS Read Group
Char (8)	Char (25)	Char (25)	Char (2)	Char (3)	Numeric: 1=Am. Ind. 2=As./Pac. 3=Black 4=Hispanic 5=White	Numeric: 1=Yes 0=No	Numeric: 1=Yes 0=No	Numeric: 1=Yes 0=No	Numeric	Numeric	Numeric	Numeric	Character: Pass ? Target Sp. Target Fail No Data	Numeric	Numeric	Numeric	Numeric	Character: Pass ? Target Sp. Target Fail No Data

Figure 41. Student Upload Data File Definition – must be in .txt format.

Transfer Students (Figure 42)

Use this module to transfer an existing district student, along with the student's Inova data, to your campus. Students are placed into the Hold List through the Archive option below.

- Review the transfer list for your student.
- Check the checkbox under the Transfer column to select a student.
- Click the *Transfer Students* button.
- If no students are listed in the transfer list, no students have been archived or removed from campus rosters.
- If a student is not listed in the Transfer list, use the Add Student feature.

To transfer to your campus, check the associated Checkbox and click the Transfer Students button. Transfer Student ID Last Name First Name Grade Building
Transfer Student ID Last Name First Name Grade Building
No Students in the Hold List
□ 3625163 Student2767 firstname 9 8
Tranfser Students

Figure 42. Transfer Students Screen.

Archive Students (Figure 43)

Use this module to archive/remove a student from your campus. This process will archive the student in a Hold (Transfer) List for another campus to transfer. By using this option, the Inova data will transfer between campuses.

	Arc	hive Student Data		
	Enter Stud	ent ID: 3269122 Get Student		
Student ID	Last Name	First Name	Grade	Building
Studentid	Student1726	firstname	11	8

Figure 43. Archive Students Screen.

- 1. Enter the student ID to archive.
- 2. Click the *Get Student* button.
- 3. The selected student information is displayed for confirmation.
- 4. Click the *Archive Student* button.

Edit Student Data (Figure 44)

Use this module to edit certain individual student information.

	i e anono jou to cutt certain stadent into	
	Edit Student Data	
En	er Student ID: 3269122 Get Student	t
Student ID	Student1726 Student Last Name	firstname First Name
Grade Last Year: 11 💌	Ethnicity: White	SES: No V LEP: 0 V SpEd No V
TAKS Year 2009: Math Vertical Scale: 2155 Re	ading Vertical Scale: 2400	Math Groups Pass
TAKS Year 2008: Math Vertical Scale: 2170 Re	ading Vertical Scale: 2301	
TAKS Year 2007: Math Vertical Scale: 2181 Re	ading Vertical Scale: 2400	Bast Course Page
TAKS Year 2006: Math Vertical Scale: 0 Re	ading Vertical Scale: 0	Read Group: Pass

Figure 44. Edit Student Data Screen.

To edit certain student information:

- 1. Enter the Student ID.
- 2. Click the *Get Student* button.
- 3. Make any necessary changes.
- 4. Click the *Edit Student Data* button.

Edit User Account (Figure 45)

Use these modules to set up, upload, and maintain user accounts.

- **District Administrator**: Access to everything maintains users, configures district information, uploads data, etc.
- **Campus Administrator**: Access to campus student and teacher data can add and archive students.
- All-Schools: Access to view all campuses
- **Teacher**: Access to student data in the individual teacher's class. Can view summary data reports but not the detail.

InovaPLUS! HS InovaPLUS! HS Add Students Transfer Archive Edit Students Edit Users Add Users Schedule Exit Utility	
This module allows you to maintain user accounts. Edit User Information	
Enter user name: Get User Get User List	3

Figure 45. Edit User Information Query Screen.

- To edit an individual user, enter the user name and click the Get User button.
- To view a list of all users at your campus, click the Get User List button (Figure 46).

				This mode	le allows you to i	maintain user	accounts.				
				Click on the * on	the associated ro	w to edit the	user infor	mation			
Edit	User ID	Password	Staff ID	Last Name	First Name	Building	Group	Admin	Principal	Teacher	All Schools
*	guest	guest	111111			8			Y		
*	principal	principal	101010			8			Y		
*	teacher	teacher	212121			8				Y	
*	user1	user1*	0011	Teacher	John	8	5			Y	
*	user3	user1*	0011	Teacher	John	8	5			Y	
*	user2	user2*	0011	Teacher	Suzie	8	1			Y	
*	user4	user2*	0011	Teacher	Suzie	8	0				

Figure 46. All User Information Query Screen.

	Inov	raPLUSI H Add Students	S Transfer Archive Edit Student This module allow: Edit Us	s Edit Users Add Users s you to maintain user acc er Information	Inov Schedule Exit U counts. n	a Pl	_US	5!		8
	Enter	user name:	GetUser	Get User List						
User ID	Password	Staff ID	Last Name	First Name	Building	Group	Admin	Principal	Teacher	All Schools
user3	user1*	0011	Teacher		8					
				<u>-dit User Data</u>						

Figure 47. Edit User Information Screen.

Editing a User

- 1. From the single user query screen, enter the Username and click Get User.
- 2. From the User List, click the <u>*</u> under the Edit column for the selected user.
- 3. Edit data as necessary
- 4. Click *Edit User Data* button to complete

Deleting a User:

- Only available to Admin users.
- Click the <u>*</u> under the Delete column for the selected user
- A confirmation screen is displayed.

Add a User Account (Figure 48)

- 1. Enter the user information.
- 2. Click the *Add User Account* button.

		Add Students Ha	nsfer Archive Edit Studen This module all	ts Edit Users Add Users ows you to add user accoun	Schedule Exit	Utility			
			Add	User Account					
User ID	Password	Staff ID	Last Name	First Name	Building	Group	Admin Principal	Teacher	All School
						Teacher 🔽			
			A	dd User Account					
			Uplo	ad a File of Users					
user file must be	e a comma delimite	ed (.csv) file with th	he following fields (<u>file defi</u>	nition)					
		Selec	t file		Brows	e			
				Upload					

Figure 48. Add User Information Screen.

Adding Users From a Data File (Figure 49):

- 1. Create a file in a spreadsheet with the column headings as identified in Figure 69.
- 2. Save the file as a .txt file.
- 3. Click the Browse button to locate the file
- 4. Click *Upload* to load the file.

UserID	Password	Staff ID	Last Name	First Name	Building	Group	Admin	Principal	Teacher	All- Schools
Character (15)	Character (15)	Character (8)	Character (25)	Character (25)	Character (3)	Numeric: 1=Teacher 2=Counselor 3=Asst. Principal 4=Principal 5=District	Numeric: 1=Yes 0=No	Numeric: 1=Yes 0=No	Numeric: 1=Yes 0=No	Numeric: 1=Yes 0=No

Figure 49. User Data File Definition in .txt format.

<u>Upload Student Schedules (Figure 70)</u>: Use this module to upload student schedules. Upload last year's schedule to analyze teacher added value. Upload the current schedule for teachers to evaluate the students in their classes.

PLUS!	
ld Users Config Schedule Main	Add Students Transfer Archive Edit Students Edit Users Add Users
	This module allows you to upload student schedules to evaluate teacher Added Value.
	Upload Student Schedules
	Upload Student Schedules File
	This will <u>DELETE</u> all existing student schedules and replace them with the uploaded file. The student schedule file must be a tab delimited (.txt) file with the following fields (file definition)
	Upload
	This option will REMOVE the current schedule file and RELOAD the most recent Schedule file. Use this if there was a problem with the uploaded Schedule file.
	Reload Previous Schedule
	This option will REMOVE the current schedule file and RELOAD the most recent Schedule file. Use this if there was a problem with the uploaded Schedule file. Reload Previous Schedule

Figure 50. Upload Student Schedules Screen.

Uploading a schedule

- 1. This will <u>DELETE</u> all existing student schedules and replace them with the uploaded file.
- 2. Select Current Year Schedule or Previous Year Schedule.
- 3. The student schedule file must be a tab delimited (.txt) file with the following fields (Figure 51).



Figure 51. Upload Student Schedules File Definition in txt format.

Reload a previous schedule

- This option will REMOVE the current schedule file and RELOAD the most recent Schedule file.
- Use this if there was a problem with the uploaded Schedule file.

APPENDIX

Program Requirements

- **InovaPLUS!** is a web-based application that is installed on and runs on the district web server.
- The web server must be running Microsoft server and IIS.
- The web server must have Microsoft Access 2000 or newer installed.

LIST OF FIGURES

Figure 1. InovaPLUS! Login Screen	2
Figure 2. InovaPLUS! Menu Structure.	2
Figure 3. Summary of Color Groupings	
Figure 4 Detailed listing of students in the Special Target grouping for Reading	4
Figure 5 Options to Filter Results	4
Figure 6 Summary of Student Grouping for 8th Grade Economically Disadvantaged	5
Figure 7. Detailed listing of Economically Disadvantaged students in the Target grouping for Math	5
Figure 8 Identify the students most likely to convert	5
Figure 9. Detailed listing of students in the Special most likely to Pass/Convert/Fail	0 8
Figure 10 Student Scenarios by Demographics Query Screen	0
Figure 10. Student Scenarios by Demographics Query Screen.	9
Figure 12. Teacher Value Added Query Screen	10
Figure 12. Teacher Class Student Scenerio A nelvois	. 10
Figure 15. Teacher Class Student Scenario Analysis.	. 1 1
Figure 14. Grade Level Analysis Query Screen.	. 12
Figure 15. Leacher Class Student Scenario Analysis.	. 13
Figure 16. Student Inova TAKS Needs Assessment Profile.	.14
Figure 17. TAKS inova fail Query Screen.	. 15
Figure 18. Value-Added Tail Analysis for Teacher, Al.	. 16
Figure 19. Detail Analysis for Scenario 16 for Teacher, Al.	. 16
Figure 20. Detail Analysis for Left-Tail Scenarios for Teacher, Al.	. 17
Figure 21. Detail Analysis for Grey Scenarios for Teacher, Al	.17
Figure 22. Scenario Chart Analysis Query Screen.	. 18
Figure 23. Color Group Bar Chart Analysis for Teacher, Al	.18
Figure 24. Color Group Pie Chart Analysis for Teacher, Al.	. 19
Figure 25. Color Group Student Detail Analysis for the Red Pie/Bar for Teacher, Al	. 19
Figure 26. Intervention Menu Screen.	.21
Figure 27. Create/Edit Scenario Intervention Matrix.	. 22
Figure 28. Display Scenario Intervention Matrix.	. 22
Figure 29. Intervention Student Identification by Teacher Screen.	. 23
Figure 30. Display All Interventions Provided by a Teacher.	. 24
Figure 31. Identify Students in Need of Interventions	. 24
Figure 32. List All Students Identified for Interventions	. 25
Figure 33. Identify Intervention Students by Student or Scenario Group	.25
Figure 34. Identify Students by Scenario Groups.	. 26
Figure 35. Enter Student Intervention Information Screen.	. 27
Figure 36. Student Intervention Input Screen	.27
Figure 37. All Interventions Provided by an Individual Teacher.	.28
Figure 38. Student Daily Interventions List	.28
Figure 39. Utility Menu	30
Figure 40 Add Student to Your Campus Inova Roster Screen	30
Figure 41 Student Unload Data File Definition – must be in txt format	31
Figure 47 Transfer Students Screen	31
Figure 43 Archive Students Screen	32
Figure 44. Edit Student Data Screen	33
Figure 45. Edit User Information Query Screen	34
Figure 46 All User Information Query Screen	3/
Figure 47 Edit User Information Screen	35
Figure 18 Add User Information Screen	
Figure 40 User Data File Definition in the format	26
Figure 47. User Data File Definition III. LAT 101111at	. 30
Figure 50. Optodu Student Schedules Scienti	. 51
Figure 51. Optoad Student Schedules File Definition in txt format.	. 37