

# State Analysis

**title** → User's Guide

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# Introducing Edusoft State Analysis

State-administered high-stakes assessments are an important source of data on student achievement. After each testing cycle, the state publishes the results and Edusoft imports those test results into our system. Once the results have been imported, you can use the State Analysis tools to help you get the most benefit from state data. These tools can help you:

- Identify students, classes, or grades that are at risk and the standards or objectives that are giving them the most trouble.
- Identify incoming students who could benefit from special instructional programs and track them as a group.
- Compare the performance of different groups of students across populations and over time.

The Edusoft Assessment Management System (Edusoft) State Analysis module provides the tools you need to:

- Create PDF reports that display the results of state assessments. You can view test results by demographic groups, by any set of students you select, or by individual students.
- Create intervention groups based on the results from state assessments. At the beginning of the school year, for example, you can look at incoming students and identify those you want to target for special instructional programs.
- Compare the state assessment results for any group of students by school, grade, teacher, student, ethnicity, educational program, or gender.
- Compare the state assessment results for groups of students over time. You can compare results for the same group (cohort) of students over time, for a similar group of students (one year's 4th graders and the next year's 5th graders), or for different groups of students at the same stage in their school career (5th graders from two successive years).

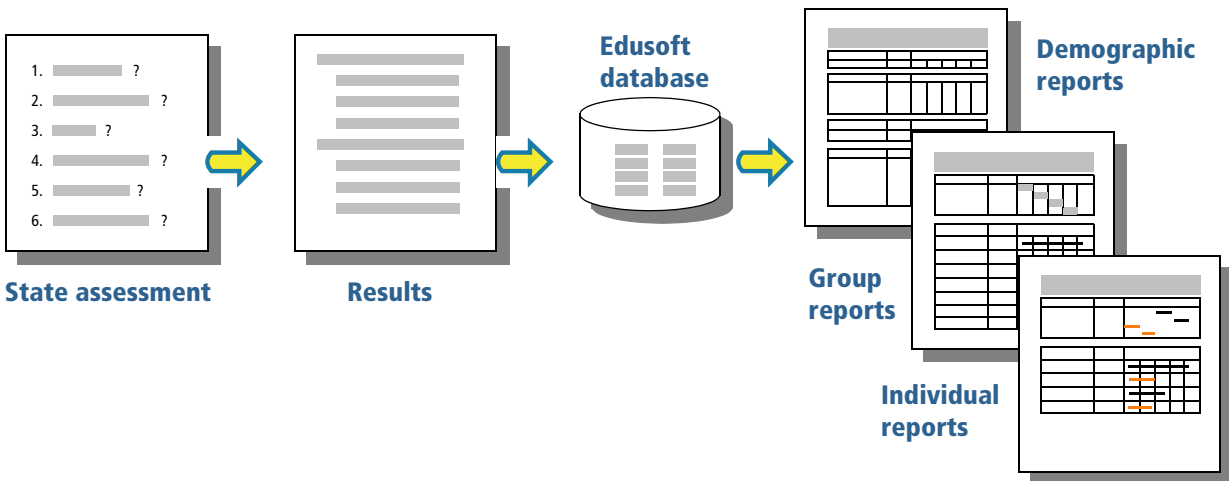
## About PDF Reports



A number of states administer high-stakes assessments periodically throughout the year. After each testing cycle, the state publishes the results and Edusoft imports those test results into our system. Once the results have been imported, you can run reports that allow you to analyze the data in several different ways.

These are the reports you can create:

- **Demographic report**—Displays a high-level comparative breakdown that includes overall student performance for the exam you select, as well as scores for sets of students broken down by grade, gender, ethnicity, and educational program.
- **Group report**—Displays detailed assessment results for the exam and the set of students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).
- **Individual report**—Displays assessment results for each of the individual students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).



The report type you select (demographic, group, or individual) determines how the results are organized. Demographic reports provide results for students grouped by such demographics as grade, gender, ethnicity, and Ed program. Group and Individual reports arrange data according to standards, subjects, or objectives.

For more information, see [Reporting on State Assessments](#) on page 7.

## About Intervention Groups



The ability to quickly identify a group of students who require intervention of some type is a powerful tool for educators. Intervention might be in the form of additional instruction or student support services that address barriers to improved academic performance. Or, you may simply want to identify top-performing candidates for a peer-tutoring program.

For this reason, Edusoft makes it easy to identify groups of students based on their scores on high-stakes state exams. You can look at the results from a single assessment, or look at the change in performance over time. Then, you can use demographic criteria—such as gender, ethnicity, or educational programs—to further analyze the data.

Once you identify an intervention group, you can create a custom group that you monitor. Edusoft custom groups are similar to educational programs—you can use the custom group as criteria any time you select students for reports, instructional materials, or other purposes.

This intervention group identifies students who fall into the lowest performance band in mathematics.

Intervention Group ( Students whose Performance Standard is between 1.0 and 1.0)						Showing 175 students
Student	School	Grade	Teacher	Ethnicity	Mathematics	
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	
A., Adela	Pine Grove Elementary School	3	Multiple	His / Lat	Far Below Basic	
A., Albert	Sycamore Leaf Elementary School	2	I.	His / Lat	Far Below Basic	
A., Alfonso	Pine Grove Elementary School	5	Multiple	His / Lat	Far Below Basic	
A., Andrea	Oak Hill High School	11	Multiple	Cauc	Far Below Basic	

This intervention group identifies students with the most dramatic improvement in mathematics since last year's exam.

Intervention Group ( Students whose Percent Correct has increased by 10.0 since STAR 02-03)							Showing 295 students
Student	School	Grade	Teacher	Ethnicity	STAR 02-03 Mathematics	STAR 03-04 Mathematics	Mathematics Change
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
R., Emily	Sycamore Leaf Elementary School	2	I.	Cauc	38	86	48
S., Alejandro	Pine Grove Elementary School	5	R.	His / Lat	40	85	45
O., Roxana	Sycamore Leaf Elementary School	2	E.	His / Lat	38	82	44
E., Sofia	Pine Grove Elementary School	4	R.	His / Lat	40	83	43
U., Sasha	Cherry Tree Middle School	8	Multiple	His / Lat	35	77	42

For more information, see *Defining Intervention Groups* on page 17.

## About Comparison Tool



The Comparison Tool provides flexible, interactive reports using state exam data. It allows you to select any significant group of students and compare their performance on state exams by school, grade, teacher, student, ethnicity, Ed program, or gender.

For example:

- If you are a district administrator, you might want to compare schools to identify those most at risk.
- If you are a school administrator, you might want to compare grade levels to gauge the effectiveness of a new program.
- If you are a teacher, you might want to compare individual students to identify those most at risk or on the cusp.

Because the Comparison Tool report is interactive, you can drill down to see the levels of supporting data. You can also adjust your selection criteria to view results for different groups of students. The data available varies by state and exam.

The Compare By area shows you what group you've selected for the comparison. You can also use it to change your selection.

Each time you click a link, you drill down to another level of supporting data.

Comparison Tool Showing: CST Showing 4 result(s)

Compare By: **School** Score Type: Performance Standard **GO**

Group	English-I	Math	Science	History-Social Science
sort by	sort by	sort by	sort by	sort by
<a href="#">Cherry Tree Middle School</a>	3	3	4	2.5
<a href="#">Oak Hill High School</a>	3	2.2	3	2.6
<a href="#">Pine Grove Elementary School</a>	3.1	3.3	N/A	N/A
<a href="#">Sycamore Leaf Elementary School</a>	3.3	3.8	N/A	N/A
Average (Total Number of Students)	3 (2072)	2.9 (1954)	3 (457)	2.6 (652)

The Score type and scores you see here in the Scores table depend on the type of exam you selected.

These are the average scores for the group.

For more information, see *Comparing Student Performance* on page 33.

## About Longitudinal Analysis



The Longitudinal Tool provides flexible, interactive reports using state exam data. It allows you to select any significant group of students and analyze the change in their performance over a series of high-stakes assessments.

For example, you might want to see how the elimination of an after-school reading program has affected the scores of this year's fourth graders compared to last year's students (who participated in the program).

The Longitudinal Tool offers three types of analysis:

- Cross sectional—compares the scores of students in the same grade, but in different years. For example, you can see how this year's third graders compare to last year's.

Longitudinal Analysis Options				
Exam Range:	STAR 03-04-STAR 04-05		Content Areas:	English-Language Arts
Analysis Type:	Cross Sectional			

Longitudinal Analysis					Showing 1 result
Compare By:	School	Score Type:	Performance Standard	GO	
Group	Exam	#	Score	Change	
Pine Grove Elementary School	STAR 04-05	191	2.8	+0.1	
	STAR 03-04	184	2.8		

This report shows an overall improvement in reading scores for this year's third graders versus last year's class. This is a cross section.

- Cohort unmatched—compares the scores of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of last year's third graders. This group is unmatched because some students may have transferred in or out of the district.
- Cohort matched—compares the scores of the same group of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of the same students when they were third graders last year. This group is matched because it includes only the students who took all assessments.

Longitudinal Analysis Options				
Exam Range:	STAR 03-04-STAR 04-05		Content Areas:	English-Language Arts
Analysis Type:	Cohort Matched			

Longitudinal Analysis					Showing 1 result
Compare By:	School	Score Type:	Performance Standard	GO	
Group	Exam	#	Score	Change	
Pine Grove Elementary School	STAR 04-05	187	3.1	+0.2	
	STAR 03-04	187	2.9		

This report shows the change in a group of students from one year to the next. This is a matched cohort.

For more information, see *Analyzing Performance Over Time* on page 47.



# Reporting on State Assessments



The State Analysis module provides a series of PDF reports you can use to analyze the results of state administered tests after the results are imported into the Edusoft database.

These are the reports you can create:

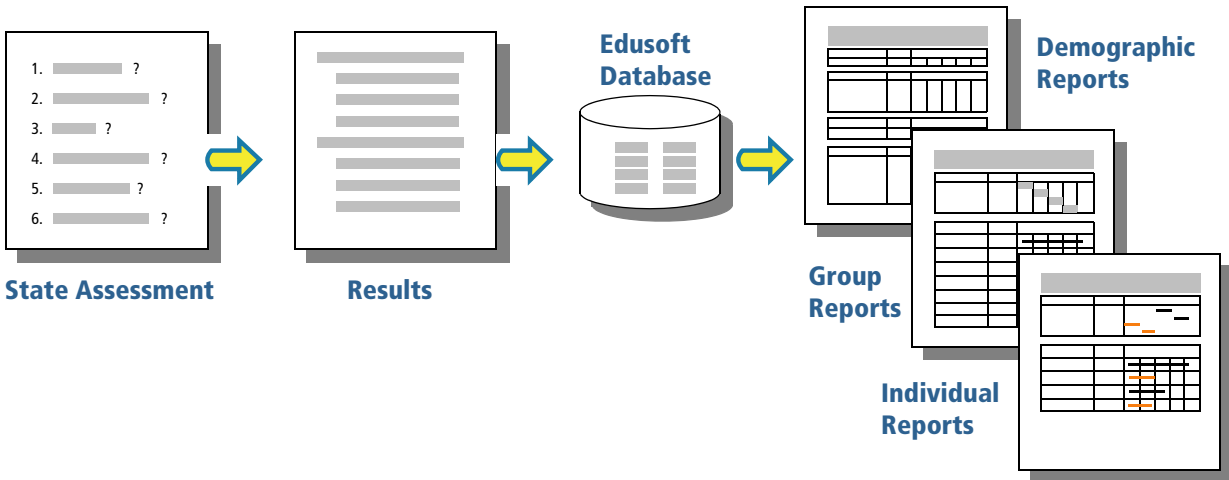
- **Demographic report**—Displays a high-level comparative breakdown that includes overall student performance for the exam you select, as well as scores for groups of students broken down by grade, gender, ethnicity, and educational (Ed) program.
- **Group report**—Displays detailed assessment results for the exam and the group of students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).
- **Individual report**—Displays assessment results for each of the individual students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).

This section includes these topics:

- *About State Analysis Reports* on page 8
- *Creating a State Analysis report* on page 9

## About State Analysis Reports

A number of states administer high-stakes assessments periodically throughout the year. After each testing cycle, the state publishes the results and Edusoft imports the data into our system. Once the results have been imported, you can run reports that allow you to analyze the data in several different ways.



For each report, you start by selecting the assessment and report type. The assessment determines what kind of data you can see because states report the results for each assessment in different ways. For example, California reports the results for the CST by performance band and for the CAT6 in percentiles. Likewise, Texas reports TAKS results as raw and scaled scores that are divided into three performance categories.

The Reports page lists the tests available for your state and the reports you can choose.

**Note:** The test you select determines which reports are available. Not all reports are available for each test.

The report type you select (demographic, group, or individual) determines how the results are organized. Demographic reports present results for students broken down by such demographics as grade, gender, ethnicity, and Ed program. Group and Individual reports arrange data according to standards or objectives.

In each case, you can select the population of students whose results you want to view.

## Reports

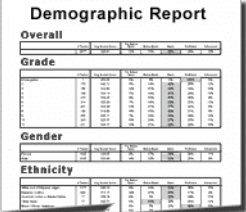
**1. Choose a test:**

State Test - CST CST This list shows all the tests available in your state.

Multiple Measures

**2. Choose a report:**


**Demographic Report**



[Demographic Report](#)

View performance on the CST Exam for a group of students broken down by grade, gender, ethnicity and ed program.


**Group Report**



[Group Report](#)

View overall, standard and sub-standard level performance for a group on the California Standards Test.

**Individual Report**



[Individual Report](#)

View overall, standard and sub-standard level performance for an individual on the California Standards Test.

These are the reports you can choose. The thumbnail gives you an idea of how the report will look.

For each report, this description tells you what data will appear in the report.

For more information about creating specific reports, see:

- [Creating a State Analysis report](#), next.

## Creating a State Analysis report

For each report, you start by selecting the assessment and report type. The assessment determines what kind of data you can see because states report the results for each assessment in different ways.

The report type you select determines how the results are organized:

- Demographic reports display overall student performance for the exam you select, as well as scores for groups of students broken down by grade, gender, ethnicity, and Ed program.
- Group reports display assessment results for the group of students you select. Results reported include overall scores and average scores for specific skill areas, standards, or objectives (depending on the test).
- Individual reports display assessment results for each of the students you select. Results reported include overall scores, scores for specific skill areas, standards, or objectives (depending on the test). You can run reports for up to 100 students at a time.

If you wish, you can also select students for the report based on various demographic options such as ethnicity, Ed program, gender, or custom groups.

**To create a State Analysis report:**

- 1 Click the **State Analysis** tab. Click the **Reports** link or icon.  
The Reports page lists the tests and reports available for your state.
- 2 Select a state test.
- 3 Click the thumbnail or graphic for the report you want to create:
  - Demographic report—Displays a high-level comparative breakdown that includes overall student performance for the exam you select, as well as scores for groups of students broken down by grade, gender, ethnicity, and educational (Ed) program.
  - Group report—Displays detailed assessment results for the exam and the group of students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).
  - Individual report—Displays assessment results for each of the individual students you select. Results reported include overall scores, as well as scores organized by skill area, subject area, or standard and sub-standard (depending on the test).

Teachers: The first Select Students for Reports page displays the District/School Report Options.

Administrators: You are not prompted to make these selections here. Go to step 5 on page 11.

- 4 Teachers: To define the scope for this report, click a button in the District/School Report Options section. Click **Continue**.

Select this option	To include
District	All students who took this exam in your district.
School	All students at your school who took this exam.
My classes	All students in your classes who took this exam.

The Select Students for Reports page appears. The Basic Report Options section lets you select the school, exam, and grades to display. The Select Students Based on section lets you refine the list of students to be included.

5 If necessary, select a roster in the Select Students Based on section.

Edusoft imports roster information from your Student Information System (SIS) and from state test rosters (if available). You can select different rosters depending on the type of data you want to use.

- Click the **Roster** link in the Select Students Based On area. Select either the state test roster or the one from your SIS.

If you select a state test file, teacher and course information won't be available.

- For an SIS roster, select the roster school year, and then select one or more terms for that year.

**Tip:** Click **Show Schools** to see which schools have students enrolled in a term.

- Click **Continue** to continue selecting students.

6 To create a report using only the Basic Report Options (without narrowing the list of students):

If your students are enrolled at one school, its name appears here. Otherwise, you can select just one school or all your schools.

Select the grade you want to display. You can also display all grades.

- Select the school you want to display.

If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can run the report for one school or for all schools that you have access to.

- Select the exam you want to display data for. If necessary, select the beginning and ending dates for the range of exams you want to display.

Select the first exam...

...and then select a second exam to define the range of exam data you want to display.

- Select the grade you want to display data for. You can run a report for one grade or for all grades.
- Click **Continue**.

- 7 If necessary, use the links in the Select Students Based on section to refine the list of students.
  - You can choose as many options as you need.
  - Edusoft displays the number of students that match your choices as you move from one option to another.
  - Edusoft also makes options available according to your access and roster data. For example, if you choose a school with periods built into its roster, you can choose which periods to report on.

Select Students Based on:		<a href="#">Tell me more...</a>
<a href="#">Teachers:</a>	All	Teachers: Your name appears here.
<a href="#">Ethnicities:</a>	All	
<a href="#">Ed Programs:</a>	All	
<a href="#">Custom Groups:</a>	All	
<a href="#">Gender:</a>	All	
<a href="#">Course:</a>	All	Administrators: You can choose courses.
<a href="#">Roster:</a>	2005-2006 Fall, School Year	
<a href="#">Period:</a>	All	

[Clear Options](#)

Edusoft displays the options page for that link.

- 8 Click check boxes on the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.

- 9 For Individual reports, choose which students to generate the report for.

**To**                      **Do this**

Print reports for all students in the group (for fewer than 100 students)

- Click the Option B **Continue** button.

**Select Option for Individual Reports**

Choose one of the **two options** below and click the appropriate **continue** button:

**A. Select individual students from this group** continue

or

**B. Generate reports for all students in this group (92 students)** continue

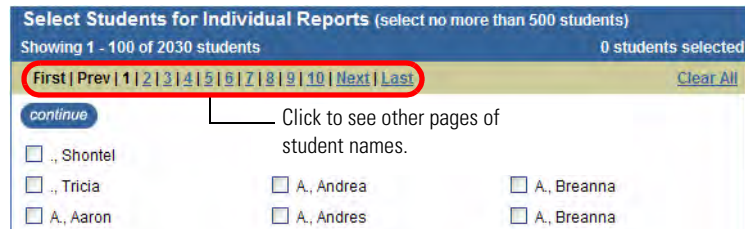
Click this button.

**To**                      **Do this**

Select individual students    **1** Click the Option A **Continue** button.

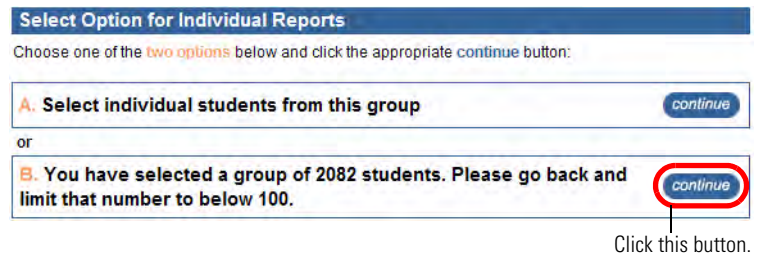


The Select Students for Individual Reports page appears.



- 2** Click the check boxes beside students' names to select the students you want to include. Click **Continue**.
- 3** Click **Continue** to generate the report.

Reduce the size of the group    **1** Click the Option B **Continue** button.



- 2** On the Select Students for Reports page, click the links to select a smaller group of students. Click **Continue**.  
The Teachers link is only available for administrators.
- 3** Click **Continue** to generate the report.

After a brief pause, the report you selected appears. The Currently Selected Options section at the top of the page shows the options you used for this report.

For individual reports, each student's report starts at the top of a separate page (some individual reports may run more than one page).



To print a report, use the **Print** icon in the Adobe Reader toolbar. Do not use the Print command from your browser's File menu or the Control-P shortcut.



You can also save the PDF file to your computer before printing by clicking the **Save** icon.

For more information about the data displayed in state reports, click the **Library** link on any Edusoft page. Then click the **State Analysis** button on the left, and choose the QuickGuide for the report you're interested in.



# Defining Intervention Groups



The ability to quickly identify a group of students who require intervention of some type is a powerful tool for educators. Intervention might be in the form of additional instruction or student support services that address barriers to improved academic performance. Or, you may simply want to identify top-performing candidates for an after-school peer-tutoring program.

For this reason, Edusoft makes it easy to identify groups of students based on their scores on high-stakes state exams or multiple measures. Then, you can use demographic criteria—such as gender, ethnicity, or educational programs—to further refine membership in the group.

Once you identify an intervention group, you can create a custom group that you monitor. Edusoft custom groups are similar to educational programs—you can use the custom group as criteria any time you select students for reports, instructional materials, or other purposes.

This section includes these topics:

- *About intervention groups* on page 18
- *Defining an intervention group* on page 20
- *Refining membership in an intervention group* on page 25
- *Creating an intervention group using multiple measures* on page 26
- *Creating a custom group from an intervention group* on page 30

## About intervention groups

Edusoft lets you isolate a group of students who meet customizable performance criteria so that you can take action. Educators use Edusoft intervention groups for a variety of reasons.

For example, you might want to locate students:

- Who would benefit from an after-school reading program.
- Who qualify for a Title I-funded math intervention program.
- Who are strong performers, so you can involve them in a peer-tutoring program.
- Whose performance makes them candidates for accelerated instruction or next year's gifted and talented program.

However, the most common reason to use an intervention group based on state exam results is at the beginning of the year when you want to look at last year's scores for your incoming students. The start of the school year is also an excellent time to create the custom groups that you will follow throughout the year, and to identify incoming students for targeted instructional programs.

The criteria you use to select students for an intervention group are highly flexible. For each exam, you can base your analysis on different types of scores, depending on the exam. For example:

- For an intervention group based on CAHSEE results, you can look at content area scores, strand scores, or writing applications essays. You can then select specific subject areas or strands.
- For an intervention group based on CST results, you can look at content area scores, scores per standard or sub-standard, or writing application scores.
- For an intervention group based on TAKS results, you can focus on content area scores, objective scores, short answer scores, or written composition ratings.

In each case, you can also specify a level of performance.

The three illustrations that follow show different intervention groups based on the same exam (CST).

This is an intervention group based on the *percent correct* in the math content area for a single exam. It identifies students who are struggling with the subject as a whole (their scores range between 0 and 65% correct).

This report shows the scores for the students in your class who took the exam. Administrators can also select teachers and schools they have access to.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	Cherry Tree Middle School	<b>Grades:</b>	All
<b>Teachers:</b>	S., Pat	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Periods:</b>	All

[Clear Options](#)

[Create a Custom Group](#) from this intervention group

The Currently Selected Options section at the top of each intervention group page shows the options you used for this report.

The range for percent correct is between 0 and 65%

Intervention Group ( Students whose Percent Correct is between 0.0 and 65.0)						Showing 34 students
Student	School	Grade	Teacher	Ethnicity	Mathematics	
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	
O., Jordan	Cherry Tree Middle School	7	Multiple	His / Lat	29	
O., Anita	Cherry Tree Middle School	7	Multiple	Cauc	31	
V., George	Cherry Tree Middle School	7	Multiple	Cauc	31	
O., Yasmeen	Cherry Tree Middle School	7	Multiple	His / Lat	34	
E., Eden	Cherry Tree Middle School	7	Multiple	Cauc	35	

This is the content area score, sorted by percent correct.

This intervention group is based on *performance standards* in one content area. It identifies students whose performance is far below basic in that subject.

Intervention Group ( Students whose Performance Standard is between 1.0 and 1.0)						Showing 5 students
Student	School	Grade	Teacher	Ethnicity	English-Language Arts	
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	
E., Eden	Cherry Tree Middle School	7	Multiple	Cauc	Far Below Basic	
E., Yesenia	Cherry Tree Middle School	7	Multiple	His / Lat	Far Below Basic	
O., Jordan	Cherry Tree Middle School	7	Multiple	His / Lat	Far Below Basic	
O., Richard	Cherry Tree Middle School	7	Multiple	His / Lat	Far Below Basic	
U., Rebecca	Cherry Tree Middle School	7	Multiple	His / Lat	Far Below Basic	

These students all have far below basic scores.

This intervention group is based on math scores that have decreased by at least 10 percent since last year’s exam. It identifies students who would probably benefit from a tutoring program in math.

Intervention Group ( Students whose Percent Correct has decreased by 10.0 since STAR 01-02)						Showing 6 students	
Student	School	Grade	Teacher	Ethnicity	STAR 01-02 Mathematics	STAR 02-03 Mathematics	Mathematics Change
A., Michael	Cherry Tree Middle School	8	Multiple	Cauc	86	55	-31
A., Garrett	Cherry Tree Middle School	8	Multiple	Cauc	68	45	-23
E., Ty	Cherry Tree Middle School	8	Multiple	Cauc	86	65	-21
R., Jack	Cherry Tree Middle School	8	Multiple	Cauc	74	54	-20

These columns show the percent correct in the two exams

This column shows the percent decrease in scores from last year’s exam to this year’s.

When you are satisfied that you have identified the correct group of students for intervention, you can create a custom group to track the progress of those students in the same way that you use Ed programs or other demographic criteria. All users can create a private custom group for their own use. School administrators can create public custom groups that are available to all users in any one school. District administrators can create public custom groups that are available to the entire district.

## Defining an intervention group

When you define an intervention group for a state exam, you can quickly generate a report based on just the basic report options and then use the Currently Selected Options section (Options Dashboard) to refine the selection of students, or you can pre-select students as you define the group. The performance basis and the options you use to select the scores to display depend on the assessment you select.

**Select a Test for Intervention Groups**

Choose a test below and click the appropriate continue button:

CAHSEE

Analyze performance based upon:

- Content Area Scores
- Content Area Scores
- Strand Scores
- Writing Applications Essay 1
- Writing Applications Essay 2

View all students GO

Select students based upon: Pass/Fail, Scaled Score, Pass/Fail

Each exam has different performance bases.

Each performance basis has different types of scores available.

### To define an intervention group:

- 1 Click the **State Analysis** tab. Click the **Intervention Groups** link or icon.

The Select a Test for Intervention Groups page lists all state assessments with available scores.

**Select a Test for Intervention Groups**

Choose a test below and click the appropriate continue button:

CAHSEE	continue
CAT6	continue
CELDT	continue
CST	continue
SAT9	continue
Multiple Measures	continue

Click to choose an exam as the basis for an intervention group.

These are exams that have scores associated with them.

- To choose the exam to use as the basis for the intervention group, click **Continue** in the exam row.

The Select Students for Intervention Groups page appears. The Basic Report Options section lets you select the school, exam, and grades to display. The Select Students Based on section lets you narrow the list of students to be included.

- If necessary, select a roster in the Select Students Based on section.

Edusoft imports roster information from your Student Information System (SIS) and from state test rosters (if available). You can select different rosters depending on the type of data you want to use.

- Click the **Roster** link in the Select Students Based On area. Select either the state test roster or the one from your SIS.

If you select a state test file, teacher and course information won't be available.

- For an SIS roster, select the roster school year, and then select one or more terms for that year.

**Tip:** Click **Show Schools** to see which schools have students enrolled in a term.

- Click **Continue** to continue selecting students.

4 To create an intervention group using only the Basic Report Options (without narrowing the list of students):

**Select Students for Intervention Groups**

**Basic Report Options**

If your students are enrolled at one school, its name appears here. Otherwise, you can select just one school or all your schools.

**School(s):** All Schools

**Exam:** STAR.04-05

**Grades:** All Grades

**Analyze performance based upon:** Content Area Scores

Select the exam data you want to display.

Select the grade you want to display. You can also display all grades.

Select the scores to use as the basis for this intervention group.

- Select the school you want to display.  
If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can run the report for one school or for all schools that you have access to.
- Select the exam you want to display data for.
- Select the grade you want to display data for.  
You can run a report for one grade or for all grades.
- Select the scores to use as the basis for this intervention group in the Analyze performance based upon area. The performance basis (the types of scores you can display) depends on the exam you selected.
- Click **Continue**.

5 If necessary, use the links in the Select Students Based on section to refine the list of students.

- You can choose as many options as you need.
- Edusoft displays the number of students that match your choices as you move from one option to another.
- Edusoft also makes options available according to your access and roster data. For example, if you choose a school with periods built into its roster, you can choose which periods to report on.

**Select Students Based on:** [Tell me more...](#)

Administrators: You can choose teachers. **Teachers:** All Teachers: Your name appears here.

[Ethnicities:](#) All

[Ed Programs:](#) All

[Custom Groups:](#) All

[Gender:](#) All

Click one or more links to select students based on these options. **Course:** All Administrators: You can choose courses.

[Roster:](#) 2005-2006 Fall, School Year

Teachers: Depending on your roster, you can choose periods. **Period:** All

[Clear Options](#) Click this link to clear your selections.

Edusoft displays the options page for that link.

- 6 Click check boxes on the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.
- 7 When you are finished selecting students, click **Continue**.

The Select Group for Intervention: Select Content Areas page appears. Its content depends on the performance basis (type of scores) you selected. These are two examples.

This page appears when you select Content Area as the performance basis.

This page appears when you select Standards as the performance basis.

Click a check box to select the criteria you want. You can choose as many or as few as you need.

- 8 Click check boxes to select the specific performance bases you want to use. Click **Continue**.

The specific bases depend on the performance basis (type of scores) you selected earlier. The next page allows you to select which students you want to view based on their scores.

Select this option to view students based on a type of score reported for this exam. Later, you will specify the range.

Select this option to view students who show an increase or decrease in performance since a prior exam.

- 9 Select the criteria you want to use for displaying students. Click **Continue**.

You can:

- View all students.
- Select students based upon any type of score reported for the exam you selected.

In this case, you select the type of score now. And in the next step, you'll select the specific performance or range of scores you want to see.

- Select students based upon an increase or decrease in score since a prior exam.

In this case, you select both the type of score and which exam to use for comparison purposes.

The Select a Subset of Students for Intervention page allows you to select a subset of students based on a specific score or range of scores...

If you are selecting students based on a score, you can select a subset based on a specific score or a range of scores.

Select students based upon  score on STAR 04-05



**Select a subset of students for intervention**

You have chosen to select students based upon Percent Correct score on STAR 04-05. Percent Correct scores are between 0.0 and 100.0

Show all students with Percent Correct between  and  on STAR 04-05 [GO](#)

...or based on the amount of increase or decrease in a score.

Select students based upon  score increase/decrease since



**Select a subset of students for intervention**

You have chosen to select students based upon Percent Correct score increase/decrease since STAR 03-04. Percent Correct scores are between 0.0 and 100.0

Show all students whose Percent Correct has  by at least  since STAR 03-04 [GO](#)

If you are selecting students based on a change in scores, you can select a subset based on the amount of increase or decrease.

**Tip:** Selecting a range of points gives you flexibility to select scores anywhere in the spread. For example, you could select a range of scores that falls at the top of a performance band to identify students on the bubble for the next higher band.

- 10 Enter the scoring criteria to target a subset of students and then click **Go**. After a brief pause, Edusoft displays the intervention group report.

The Currently Selected Options section at the top of the intervention group page shows which demographic options were used to select students. The Intervention Group section shows a list of all students who meet the criteria for the group.

These results show the percent correct score on one exam.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	Cherry Tree Middle School	<b>Grades:</b>	All
<b>Teachers:</b>	S., Pat	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

You can use the Currently Selected Options section to view results for other students.

These students had scores that met the intervention criteria.

Intervention Group ( Students whose Percent Correct is between 0.0 and 50.0) Showing 21 student(s)					
Student	School	Grade	Teacher	Ethnicity	Mathematics
<b>A., Adriana</b>	Cherry Tree Middle School	7	Multiple	His / Lat	42
<b>A., Dillin</b>	Cherry Tree Middle School	7	Multiple	Am Ind	43
<b>A., Garrett</b>	Cherry Tree Middle School	8	Multiple	Cauc	45
<b>A., Socorro</b>	Cherry Tree Middle School	7	Multiple	His / Lat	48
<b>E., Alexis</b>	Cherry Tree Middle School	7	Multiple	His / Lat	38

You can see the name, the school attended, the grade, and the ethnicity of each student. You can also see the scores for the exam, depending on your selections.

## Refining membership in an intervention group

Once you've generated the report, the Currently Selected Options section (Options Dashboard) at the top of the intervention group page displays the selection criteria you used when you created it. However, you can use the links in the Currently Selected Options section to refine the group of students.

For example, you may want to isolate students who qualify for a Title 1-funded program, or students from a particular ethnic group.

You can see the Ed program you selected here.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	All
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	ESEA Title I	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

### To refine membership in an intervention group:

- 1 Click a link in the Currently Selected Options section. Edusoft displays the options page for that link.

- Click check boxes on the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.

The Currently Selected Options section displays the new selections, and the intervention group report displays the corresponding data.

Intervention Group ( Students whose Percent Correct is between 0.0 and 50.0)					
Student	School	Grade	Teacher	Ethnicity	Mathematics
sort by	sort by	sort by	sort by	sort by	sort by
A., Adriana	Cherry Tree Middle School	7	Multiple	His / Lat	42
E., Alexis	Cherry Tree Middle School	7	Multiple	His / Lat	38
E., Eden	Cherry Tree Middle School	7	Multiple	Cauc	35
E., Leticia	Cherry Tree Middle School	7	Multiple	His / Lat	45

Showing 12 student(s)

Notice there is data for fewer students.

## Creating an intervention group using multiple measures

A multiple measure is a way to include data on a report from different types of assessments. You create an intervention group for multiple measures in much the same way as you do for state assessments.

**Tip:** The multiple measure must already be defined and up to date before you can include it to create an intervention group. For more information about creating multiple measures, see the *Admin Tab Administrator's Guide*.

### To define an intervention group using multiple measures:

- Click the **State Analysis** tab. Click the **Intervention Groups** link or icon.

The Select a Test for Intervention Groups page appears. This page lists all state assessments from your Assessment Locker that have been administered and scored.

**Select a Test for Intervention Groups**

Choose a test below and click the appropriate *continue* button:

CAHSEE	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px;">continue</a>
CAT6	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px;">continue</a>
CELDT	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px;">continue</a>
CST	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px;">continue</a>
SAT9	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px;">continue</a>
<b>Multiple Measures</b>	<a href="#" style="background-color: #005596; color: white; padding: 2px 5px; border-radius: 5px; border: 2px solid red;">continue</a>

Click to use multiple measures as the basis for an intervention group.

- Click **Multiple Measures** as the basis for the intervention group, and click **Continue**. The Select a Multiple Measure for Intervention Groups page appears.

Select a multiple measure to use.

- Select a multiple measure from the list and click **Continue**. The Select Students for Intervention Groups page appears.

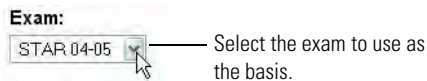
Select the schools you want to use. If you only have access to one school, the name of the school appears here.

- Select the school or schools you want to include.

If you only have access to one school, the name of the school is displayed. If you are a district administrator, you can define an intervention group for one school or for all schools in your district. If you are a school administrator with responsibilities for more than one school, you can choose which school to define the intervention group for.



- 5 Choose the exam you want to analyze.



- 6 Select the grade to use for this exam.
- 7 Select the scores to use as the basis for this intervention group in the Analyze performance based upon list.

The selections on this menu depend on which exam you selected. Some assessments have only component scores.



- 8 To narrow the list of students, use the links in the Select Students Based On area to select teachers, ethnicities, Ed programs, custom groups, genders, courses, and rosters. See step 5 on page 22 for instructions on filtering the list of students.
- 9 Click **Continue**.

The page you see next depends on the type of score you selected: Overall Scores or Component Scores.

This page appears if you selected Overall Scores.

Select Group for Intervention: Select Overall Scores

**Select Overall Scores** continue

Overall Score

This page appears if you selected Component Scores.

Click a check box to select the criteria you want. You can choose as many or as few as you need.

Select Group for Intervention: Select Components

**Select Components** continue

Overall Score

CST > STAR 04-05 > English-Language Arts (Performance Standard)

CELDT > CELDT 04-05 > Celdt Overall (Proficiency Level)

CELDT > CELDT 04-05 > Celdt Overall (Scaled Score)

CELDT > CELDT 04-05 > CST > STAR 04-05 > English-Language Arts > Performance Standard > Performance Standard

CELDT > CELDT 04-05 > Celdt Overall (Scaled Score)

The second performance analysis page appears. Use this page to specify the scores you want to use.

- 10 Enter selections to view the intervention group or narrow the group even more:
  - In the View all students area, click **Go** to see the intervention group without making further refinements.

You have selected a group of 102 students (using Overall Score)

View all students GO

Click Go to view all the students in the group.

- To narrow the intervention group, select the type of score.

The selections that appear here depend on the exam.

Select students based upon Raw Score score on Algebra Test Fall 2005 - October GO

Raw Score

Percent Correct

- 11 Click **Go**.

The Select a Subset of Students for Intervention page appears. Depending on the type of scoring method, you enter ranges for raw scores or percent correct, performance bands, or other scoring options to target a subset of the students.

Enter a range of scores.

Some exams use performance bands as the scoring method.

- Enter the scoring criteria to target a subset of students and then click **Go**. After a brief pause, Edusoft displays the intervention group report.

## Creating a custom group from an intervention group

A custom group is composed of students you want to track together for some reason. They might, for example, be participants in an after-school team or program. Or, they might be identified in an intervention group as being at risk in one or more subject areas. Once you define a custom group, you can use it to select students for analysis or reports.

### To create a custom group from an intervention group:

- Click the **Create a Custom Group** link near the top of the intervention group page.

Click this link to create a custom group.

Student	School	Grade	Teacher	Ethnicity	Mathematics
O., Jordan	Cherry Tree Middle School	7	Multiple	His / Lat	29
O., Anita	Cherry Tree Middle School	7	Multiple	Cauc	31

The Create Custom Group page appears.

Type a description for the group.

Give the custom group a name.

If you are an administrator, you can select a privacy setting. Public allows others in your school or district to use this group for reporting and analysis.

- 2 Type a name for the group and a description.
- 3 If you are an administrator, choose a privacy setting.
  - Choose Private to create a group for your own use.
  - Choose Public to create a group that others in your school or district can use.
 

If a district administrator makes a group public, all Edusoft users in that district can use this custom group for reporting and analysis. If a school administrator makes a group public, only users at the school can see and use the group.
- 4 If you have access to more than one school, select the school for which this group applies.
- 5 Click **Continue**.

Edusoft confirms that the group has been created. You can add or remove students in the new custom group or return to the intervention group you were working with.

Click this link to add students to the custom group.

- 6 Click **Add or Remove Students from this Custom Group** to add students to the group.

The Custom Group Properties page appears showing a list of all the students in the group.

Custom Group Properties	
Name:	11th Grade Reading Group
Description:	Students with sub-standard levels in reading.
Owner:	Ana Soma
Created On:	02/02/2006 2:34 PM PST
# of Students:	
Last Updated:	02/02/2006 2:34 PM PST
Public/Private:	Private

This area shows the students currently in the group.

Members				
<a href="#">Check All On Page</a> / <a href="#">Clear Page</a>		Showing 32 students <a href="#">remove selected</a>		
0 students currently selected				
	Student ID	Last Name	First Name	Date of Birth
	<small>sort by</small>	<small>sort by</small>	<small>sort by</small>	<small>sort by</small>
<input type="checkbox"/>	201000078486	A.	April	04/11/91
<input type="checkbox"/>	201000078482	A.	Daniel	11/05/91

- Click **Finish** at the top of the Custom Group Details page if you don't want to make any further changes.

At this point, you could also remove students from the list, add more students, or change the custom group properties. For instructions, see the Defining Custom Groups chapter in the *Admin Tab Guide*.

# Comparing Student Performance



The Comparison Tool provides flexible, interactive reports using state exam data. It allows you to select any significant group of students and compare their performance on state exams by school, grade, teacher, student, ethnicity, Ed program, or gender.

For example:

- If you are a district administrator, you might want to compare schools to identify those most at risk.
- If you are a school administrator, you might want to compare grade levels to gauge the effectiveness of a new program.
- If you are a teacher, you might want to compare individual students to identify those most at risk or on the cusp.

Because the Comparison Tool report is interactive, you can drill down to see the levels of supporting data. You can also adjust your selection criteria to view results for different groups of students. The data available varies by state and exam.

This section includes these topics:

- *About comparing groups* on page 34
- *Comparing student results* on page 36
- *Viewing the comparison tool page* on page 38
- *Creating a Comparison Tool using multiple measures* on page 44

## About comparing groups

The Comparison Tool lets you select a group of students and compare their performance on state exams, subject by subject, based on whatever criteria you need.

- If you're a district administrator, you might want to identify the schools that consistently appear at the bottom of your performance list. Or, you might want to look at Ed programs across the district for disparities in performance between Title I, LEP, or Special Ed students. Or, you might want to track performance by ethnicity to spot differences for different grade levels.
- If you're a school administrator, you might want to compare student performance by teachers to identify teachers who need more support or to see how new teachers are faring compared to more seasoned veterans. Or, you might want to compare grade levels to gauge the effectiveness of a new reading program for third graders.
- If you're a teacher or a reading coach, you might want to compare the performance of individual students to determine which students are most at risk or on the cusp. Or, you might want to see how students are doing by Ed program, ethnicity, or gender.

The data available for comparison varies by state and exam. For example, in California, using results from the CST, you can compare results based on performance standards, percent correct, raw score, or scaled score. In Texas, using TAKS results, you can compare results based on performance standards, percent correct, raw score, and scaled score.

For more information, see *Comparing student results* on page 36

Because the Comparison Tool report is interactive, you can change the group of students and the level of detail while the report is on your screen. You can also sort the report columns as needed.

You can adjust your selection criteria to view results for different groups of students using the report options in the dashboard at the top of the page.

You can use any of these options to select the students whose results appear in the Comparison Tool. If you're a teacher, your name and your school name appear here.

Currently Selected Options			
<b>Exam:</b>	CAHSEE March 2005	<b>Roster:</b>	2005-2006 Fall
<b>Schools:</b>	All	<b>Grades:</b>	All
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

[Clear Options](#)

You can drill down to see the levels of supporting data. For example, when you compare California CAHSEE results, you can drill down from the mathematics score to see specific scores for the math strands.

Comparison Tool Showing: CAHSEE Showing 1 result(s)

Compare By: School Score Type: Pass/Fail GO

Group	CAHSEE	
	Mathematics	English-Language Arts
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
<a href="#">Oak Hill High School</a>	29%	18%
Average (Total Number of Students)	29% (31)	18% (11)

Comparison Tool Showing: CAHSEE > Mathematics Showing 1 result(s)

Compare By: School Score Type: Percent Correct GO

These are the strand scores for math.

Group	Mathematics				
	Probability and Statistics	Number Sense	Algebra and Functions	Measurement and Geometry	Algebra 1
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
<a href="#">Oak Hill High School</a>	50.4	49.5	57.3	44.3	34.7
Average (Total Number of Students)	50.4 (31)	49.5 (31)	57.3 (31)	44.3 (31)	34.7 (31)

**Note:** The highlighting in the Comparison Tool shows you scores that fall below the underperforming threshold you've set for state reports. However, you can change this threshold if you wish. See your *Admin Tab Guide* for more information.

You can also drill down from school level data through to grade level, teacher level, and all the way down to individual students.

You can click a group link to drill down from school data, through grade and teacher data, all the way to individual students.

Notice how the **Compare By** setting changes each time you click a link to drill down.

The first screenshot shows the 'Compare By' dropdown set to 'School' and the 'Oak Hill High School' link highlighted. The second screenshot shows 'Compare By' set to 'Grade' and the '11' link highlighted. The third screenshot shows 'Compare By' set to 'Teacher' and the 'A. Jamey' link highlighted. The final screenshot shows 'Compare By' set to 'Student' and a list of individual student names.

For more information, see *Viewing the comparison tool page* on page 38.

## Comparing student results

You may find that the most effective way to create a Comparison Tool is by using just the preset basic report options. Although you can use the standard student selection options to filter the group of students in the Comparison Tool, be careful not to narrow the pool of students down too far. For example, if you plan to compare students in Ed programs or ethnic groups, you don't want to pre-filter the group at the risk of missing some of the effectiveness of the Comparison Tool. Likewise, if you want to compare grade levels, it's a good idea to start by showing all grades and then filtering the list of grades later, if necessary.

### To compare student results:

- 1 Click the **State Analysis** tab. Click the **Comparison Tool** link or icon.

The Select a Test for Comparison Tool page lists all state assessments from your Assessment Locker that have been administered and scored.

These are the state assessments you can use for comparing scores. Your state may list different assessments.

Select a Test for Comparison Tool	
CAHSEE	<a href="#">continue</a>
CAT6	<a href="#">continue</a>
CELDT	<a href="#">continue</a>
CST	<a href="#">continue</a>
SAT9	<a href="#">continue</a>

Choose an exam as the basis for the comparison.

- 2 To choose the exam to use as the basis for the comparison, click **Continue** in the exam row.

The Select Students for Comparison Tool page appears. The Basic Report Options section lets you select the school, exam, and grades to display. The Select Students Based on section lets you narrow the list of students to be included.

- 3 If necessary, select a roster in the Select Students Based on section.

Edusoft imports roster information from your Student Information System (SIS) and from state test rosters (if available). You can select different rosters depending on the type of data you want to use.

- Click the **Roster** link in the Select Students Based On area. Select either the state test roster or the one from your SIS.

If you select a state test file, teacher and course information won't be available.

- For an SIS roster, select the roster school year, and then select one or more terms for that year.

**Tip:** Click **Show Schools** to see which schools have students enrolled in a term.

- Click **Continue** to continue selecting students.

**4** To create a comparison tool using only the Basic Report Options (without narrowing the list of students):

If your students are enrolled at one school, its name appears here. Otherwise, you can select just one school or all your schools.

**Basic Report Options**

**School(s):** All Schools

**Exam:** STAR 04-05

**Grades:** All Grades

Select the exam data you want to display.

Select the grade you want to display. You can also display all grades.

continue

- Select the school you want to display.  
If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can run the report for one school or for all schools that you have access to.

- Select the exam and grade you want to display data for.  
You can run a report for one grade or for all grades.

- Click **Continue**.

**5** If necessary, use the links in the Select Students Based on section to refine the list of students.

You can choose as many options as you need. Edusoft displays the number of students that match your choices as you move from one option to another.

The available choices depend on your access and roster data. For example, if you choose a roster that contains periods, you can choose which periods to report on.

**Select Students Based on:** Tell me more...

Teachers:	All	Teachers: Your name appears here.
Ethnicities:	All	
Ed Programs:	All	
Custom Groups:	All	
Gender:	All	
Course:	All	Administrators: You can choose courses.
Roster:	2005-2006 Fall, School Year	
Period:	All	

Clear Options

Administrators: You can choose teachers.

Teachers: Depending on your roster, you can choose periods.

Click this link for more information about selecting students.

Click this link to clear your selections.

**Tip:** Click the **Tell Me More** link for more information about selecting students using these options.

**6** When you've finished selecting students, click **Continue**.

After a brief pause, the Comparison Tool page appears. The Currently Selected Options section at the top of the page shows the options you used for this report.



See *Viewing the comparison tool page*, next, for information about what the Comparison Tool shows you and how to view alternate data.

## Viewing the comparison tool page

The Comparison Tool page contains two sections:

- The Currently Selected Options section (Options Dashboard) at the top of the page shows the options you used for this report.
- The Comparison Tool section below it shows the current comparison and score type settings. It, too, is divided into two sections:
  - The Group panel on the left shows you the current level of detail for the data and how it's grouped—whether you're looking at data grouped by school, grade, teacher, or student, or by ethnicity, Ed program, or gender.
  - The Scores table on the right shows scores that were provided by your state and imported into Edusoft. The types of scores and details in this part of the page depend on the assessment you selected.

The Currently Selected Options section shows the options you used for this report. You can also use it to change your selections.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	8
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	Gifted and Talented	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

[Clear Options](#)

The Compare By area shows you what group you've selected for the comparison. You can also use it to change your selection.

Comparison Tool Showing: CAT6		Showing 4 result(s)				
Compare By:	School	Score Type:	NPR	<a href="#">GO</a>		
CAT6						
Group	Reading	Language	Spelling	Mathematics	Science	
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
<a href="#">Cherry Tree Middle School</a>	42.9	42.8	42.4	49.9	N/A	
<a href="#">Oak Hill High School</a>	46.2	45.4	45.1	46	47.3	
<a href="#">Pine Grove Elementary School</a>	41.2	41.9	44.2	52	N/A	
<a href="#">Sycamore Leaf Elementary School</a>	15.6	20.8	9.9	27.4	66	
<b>Average (Total Number of Students)</b>	<b>43.7</b> (2021)	<b>43.6</b> (2021)	<b>43.3</b> (1347)	<b>48.7</b> (2019)	<b>47.4</b> (672)	

The Score type and scores you see in the Scores table depend on the type of exam you selected.

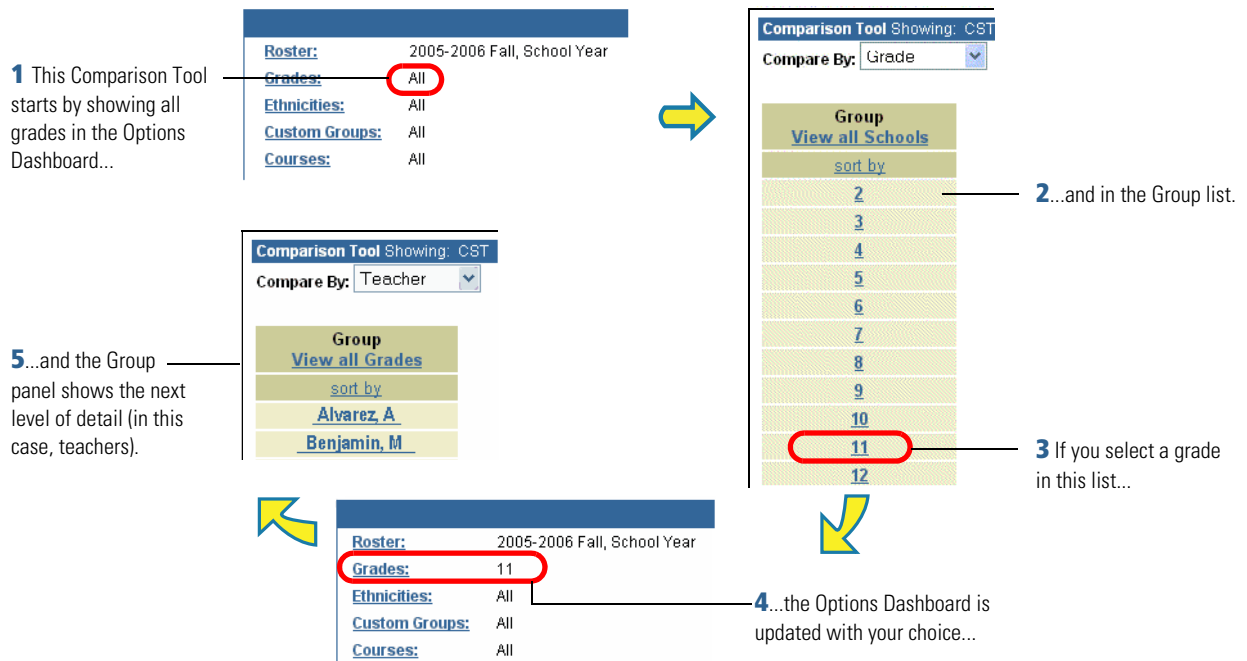
Each time you click a link, you drill down to another level of supporting data.

These are the average scores for the group (in this case, the schools).

Each state exam reports scores in different formats and using different categories. In some cases, the scores for individual areas are rolled up into larger categories. For example, the CELDT results are in the form of overall scores that are composed of scores for listening/speaking, reading, and writing. Likewise, the TAKS reading scores are composed of scores for each of four objectives.

The orange highlighting indicates scores that fall below your underperforming threshold for state results. You can change this threshold on the Admin tab. See your *Admin Tab Guide* for more information.

The Options Dashboard and Comparison Tool settings are interactive—changes you make in one area are reflected in the other. For example, if you start by viewing all grades and then drill down to just one grade in the Comparison Tool, the Options Dashboard is updated to show just the grade you selected.



The Options Dashboard at the top of the comparison tool page shows which demographic options were used to select students. You can sort the results and you can use the demographic options to refine the group even more.

## Selecting comparison criteria

The Comparison Tool lets you compare by one of these criteria: by school, by grade, by teacher, by student, by ethnicity, by Ed program, or by gender. Each of these comparisons is useful in different circumstances. For example, you might want to compare performance based on gender to identify if disproportionate numbers of girls or boys are struggling with a subject.

Once you've selected how you want to compare results, you can select the type of scores to view. Scores types depend on the exam you selected initially.

### To select comparison criteria:

- 1 From the Compare By menu, select the criteria you want to use as a basis of comparison.

Comparison Tool Showing: CST

Compare By: School Score Type: Performance Standard GO

CST			
	English-Language Arts	Mathematics	Science
	sort by	sort by	sort by
Cherry Tree	3	3	4
Oak Hill	3	2.2	3

Select a basis of comparison here

- 2 From the Score Type menu, select the scores you want to compare.

Comparison Tool Showing: CST

Compare By: School Score Type: Performance Standard GO

Group	English-L	Ar	ence
	sort by	sort by	sort by

Select a score type here.

**Tip:** For more information about the score types on your state exams, click the **Library** link on any Edusoft page. Click the State Analysis button on the left, and choose the QuickGuide for the report you're interested in.

- 3 Click **Go**.

After a brief pause, the Comparison Tool page displays your new selections. For example, you could easily compare scores for students in different Ed programs.

This Comparison Tool shows raw score data compared by Ed programs.

Comparison Tool Showing: CAT6				
Showing 10 result(s)				
Compare By:	Ed Program	Score Type:	Raw Score	GO
CAT6				
Group	Reading	Language	Spelling	Mathematics
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
All Special Education Programs	13.4	10.9	7.3	14.9
Disability and Special Education	13.4	10.9	7.3	14.9
EL in ELD	15.3	13	8.4	17.6
EL in SDAIE	22	18	12	30
ESEA Title I	19.4	16.6	9.9	21.2
Gifted and Talented	28.4	25.7	14.1	29.4
Limited English Proficiency (LEP)	15.6	13	8.5	17.7
Migrant Education	15.8	12.9	8.7	18.2
Not Special Education	19.9	17	10.1	21.7
Socioeconomically Disadvantaged	17.3	14.7	9.4	19
Average (Total Number of Students)	18.6 (1867)	15.9 (1867)	9.7 (1867)	20.4 (1867)

To refine the list of students or make other changes in the data displays, see *Refining a comparison group* on page 41.

## Refining a comparison group

The Currently Selected Options section (Options Dashboard) at the top of the Comparison Tool page displays the same options that were available when you first defined the comparison group. Once you've generated the report, you can change these options to include a subset of the initial group of students. For example, you may want to isolate students who qualify for a Title 1-funded program.

Click a link to choose options. You can choose as many or as few as you need.

Currently Selected Options			
Exam:	STAR 04-05	Roster:	2005-2006 Fall, School Year
<a href="#">Schools:</a>	All	<a href="#">Teachers:</a>	Your name and school appear here.
<a href="#">Ed Programs:</a>	All	<a href="#">Courses:</a>	All
<a href="#">Genders:</a>	All		

The information that appears here reflects your choices.

Or, suppose in your initial Comparison Tool, you compared by grades. Using the **Grades** link in the Currently Selected Options section, you can change the report to list only specific grades.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	11 - 12
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

These grades are selected.

**Note:** The scores displayed across the bottom row of this report are averages of student scores across multiple grade which are relevant only if the exam grades have been scaled and normalized appropriately. Please check with the exam administrator before assuming scores are comparable.

Comparison Tool Showing: CST Showing 2 results

Compare By: Grade Score Type: Performance Standard GO

Group <a href="#">View all Schools</a>	CST			
	<a href="#">English Language Arts</a>	<a href="#">Mathematics</a>	<a href="#">Science</a>	<a href="#">History-Social Science</a>
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
11	3	2.6	3	2.9
12	2.9	2.5	3.1	3.2
<b>Average Total Number of Students</b>	3 2271	2.5 2247	3 1886	3 2267

This report shows only the grades you selected in the Currently Selected Options section.

**To refine a comparison group:**

- 1 Click a link in the Currently Selected Options section.

**Tip:** For more information about selecting students for reports, click the **Tell me more** link.

Edusoft displays the options page for that link.

- 2 Click check boxes in the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.

The Currently Selected Options section displays the new selections, and the Comparison Tool displays the corresponding data.

The Currently Selected Options section displays new selections.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	8
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	Gifted and Talented	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

When you select a grade here, the Group panel automatically displays only the schools that include that grade.

Comparison Tool Showing: CAT6				
Compare By: School		Score Type: NPR		GO
CAT6				
Group	Reading	Language	Spelling	Mathematics
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
Cherry Tree Middle School	92.9	91	79.6	92.4
<b>Average (Total Number of Students)</b>	<b>92.9 (7)</b>	<b>91 (7)</b>	<b>79.6 (7)</b>	<b>92.4 (7)</b>

Notice there is data for fewer students.

## Sorting and drilling down to view results

After you see the initial Comparison Tool, you can sort by score results or by group. For certain exams, you can also view just one section of the exam. For example, for CST exams, you could choose to display only the Mathematics scores, and then you could drill down to specific standards, such as Number Sense.

### To sort the results:

- ▶ Click a **Sort By** link in the Comparison Tool Showing section. The Comparison Tool sorts the results by the column you selected.

You can sort by any column that has a **Sort by** link.

Comparison Tool Showing: CST				
Compare By: Ed Program		Score Type: Raw Score		GO
CST				
Group	English-Language Arts	Mathematics	Science	History-Social Science
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
All Special Education Programs	45.2	28	29	29.3
Class Size Reduction Full Day	51.2			
Designated Instruction & Services	48			
EL in ELD	51.6			
ESEA Title I	47.3			
Gifted and Talented	47.3			
Language Fluency - English Learner (EL)	43.8			
Not Special Education	46.5			
Resource Specialist Program	59.7			

Click the **Sort by** link for the column you want to sort.

CST			
English-Language Arts	Mathematics	Science	History-Social Science
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>
48	16	38	42
51	16	31	18

**To drill down by subject:**

- ▶ On an exam that tests standards, click the link for the standard you want to compare. The Comparison Tools displays only that standard. Notice that the blue Comparison Tool title bar contains links that help you retrace your steps.

Click a link to show only its supporting data.

Comparison Tool Showing: CST		Showing 11 results	
Compare By:	Ed Program	Score Type:	Raw Score
CST			
Group	<a href="#">English-Language Arts</a>		
<a href="#">sort by</a>	<a href="#">sort by</a>		
All Special Education Programs	45.2		
Class Size Reduction			
Designated Instructional Services			
EL in ELD			
ESEA Title I			
Gifted and Talented			
Language Fluency - Learner (EL)			
Not Special Education			
Resource Specialist Programs			

The Comparison Tool now shows the data that rolls up into the area you selected.

Comparison Tool Showing: CST > English-Language Arts				Showing 11 results	
Compare By:	Ed Program	Score Type:	Percent Correct		
English-Language Arts					
Group	<a href="#">Reading</a>	<a href="#">Writing</a>			
<a href="#">sort by</a>	<a href="#">sort by</a>	<a href="#">sort by</a>			
All Special Education Programs	58.2	63.2			
Class Size Reduction Full Day	67.9	68.7			
Designated Instruction & Services	50	84			

## Creating a Comparison Tool using multiple measures

A multiple measure is a way to include data on a report from different types of assessments. You create a Comparison Tool for multiple measures in much the same way as you do for state assessments.

**Tip:** The multiple measure must already be defined and up to date before you can include it in a Comparison Tool. For more information about creating multiple measures, see the *Admin Tab Administrator's Guide*.

**To define a comparison tool report using multiple measures:**

- 1 Click the **State Analysis** tab. Click the **Comparison Tool** link or icon.

The Select a Test for Comparison Tool page lists all state assessments where data is available.

**Select a Test for Comparison Tool**

Choose a test below and click the appropriate continue button:

CAHSEE	<a href="#">continue</a>
CAT6	<a href="#">continue</a>
CELDT	<a href="#">continue</a>
CST	<a href="#">continue</a>
SAT9	<a href="#">continue</a>
<b>Multiple Measures</b>	<a href="#">continue</a>

Click to use multiple measures as the basis for a Comparison Tool.

- 2 Click the **Continue** button in the Multiple Measures row.

The Select a Multiple Measure for Comparison Tool page appears.

**Select a Multiple Measure for Comparison Tool**

Multiple Measures [continue](#)

Select the multiple measure you want to use.

- Algebra Test Fall 2005
- Grade 3 RLA**
- Grade 3 Reading Multiple Measure
- Grade 3 Reading Q4
- Math Quarter 3 Grade 7
- National
- Q3 Math Summary
- San Ysidro

**Multiple Measures listed in red** need to have their data updated before they can be used. You can update a multiple measure's data by clicking the "Admin" tab and then "Multiple Measures."

- 3 Select a multiple measure from the list and click **Continue**.

The Select Students for Comparison Tool page appears. If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can choose one school or run the Comparison Tool for all schools that you have access to.

**Select Students for Comparison Tool**

Select the schools you want to use. If you only have access to one school, the name of the school appears here.

Select the exam data you want to display.

Select the grade you want to display. You can also display all grades.

Click one or more links to select students based on these options.

Click to create the report.

- Select the school, exam, and grade you want to display.

If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can run the report for one school or for all schools that you have access to. You can run a report for one grade or for all grades.

- Click **Continue**.

- 4 If necessary, use the links in the Select Students Based on section to refine the list of students. Click **Continue**.

The Comparison Tool page appears.

Comparison Tool Showing: **CST/CAHSEE/CAT6 > Overall Score** Showing 4 result(s)

Compare By: School Score Type: Raw Score **GO**

Group	Overall Score		
	CAT6 > STAR 2005 > Mathematics	CST > STAR 2005 > Mathematics	CAHSEE > CAHSEE July 2005 > Mathematics
<a href="#">Cherry Tree Middle School</a>	47.8	3	N/A
<a href="#">Oak Hill High School</a>	45.9	2.2	337.5
<a href="#">Pine Grove Elementary School</a>	50.7	3.3	N/A
<a href="#">Sycamore Leaf Elementary School</a>	57	3.8	N/A
Average (Total Number of Students)	48.7 (2053)	2.9 (1954)	337.5 (31)

This comparison tool shows the component scores of the multiple measure selected.

- 5 Make any changes you want to compare different results. See *Viewing the comparison tool page* on page 38.

# Analyzing Performance Over Time



The Longitudinal Tool provides flexible, interactive reports using state exam data. It allows you to select any significant group of students and analyze the change in their performance over a series of high-stakes assessments.

For example, you might want to see how the elimination of an after-school reading program has affected the scores of this year's fourth graders compared to last year's students who participated in the program.

The Longitudinal Tool offers three types of analysis:

- Cross sectional—compares the scores of students in the same grade, but in different years. For example, you can see how this year's third graders compare to last year's.
- Cohort unmatched—compares the scores of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of last year's third graders. This group is unmatched because some students may have transferred in or out of the district.
- Cohort matched—compares the scores of the same group of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of the same students when they were third graders last year. This group is matched because it includes only the students who took all assessments.

This section includes these topics:

- *About longitudinal analysis* on page 48
- *Analyzing longitudinal data* on page 49
- *Viewing the longitudinal analysis page* on page 52

## About longitudinal analysis

Edusoft lets you view groups of students who meet customizable criteria and compare their performance over time. You can use this change in performance over time to help you determine appropriate instructional strategies and monitor the effect of instructional programs. For example, you can:

- Evaluate how a specific program affects a cross section of students. You are looking at the same assessment administered to the same grade level, but for different years. For example, you might want to see the change that results from implementing a new third grade reading program. If you compare the scores of last year's third graders (before the program started) and this year's third graders (who participated in the program), you can expect to see an overall improvement in scores.

This report shows an overall improvement in reading scores for this year's third graders versus last year's class.

Longitudinal Analysis Options					
Exam Range:	STAR 03-04-STAR 04-05		Content Areas:	English-Language Arts	
Analysis Type:	Cross Sectional				
Longitudinal Analysis					
Compare By: School				Score Type: Performance Standard	GO
Group	Exam	#	Score	Change	
Pine Grove Elementary School	STAR 04-05	191	2.8	+0.1	
	STAR 03-04	184	2.8		

- Compare the scores of a broader population from one year to the next. This is an unmatched cohort because your population may include students who may not have necessarily taken both exams.

This report shows the change from one year to the next for a similar, but not exactly the same group of students.

Longitudinal Analysis Options					
Exam Range:	STAR 03-04-STAR 04-05		Content Areas:	English-Language Arts	
Analysis Type:	Cohort Unmatched				
Longitudinal Analysis					
Compare By: School				Score Type: Performance Standard	GO
Group	Exam	#	Score	Change	
Pine Grove Elementary School	STAR 04-05	176	3.3	+1.4	
	STAR 03-04	16	1.8		

- Evaluate the progress of the same group of students, year over year. This is a matched cohort because you are looking at the same students who took the assessment in successive years. You might use this type of analysis to gauge the growth of individual students or a selected group of students over time.

This report shows the change in a group of students from one year to the next.

**Longitudinal Analysis Options**

**Exam Range:** STAR 03-04-STAR 04-05      **Content Areas:** English-Language Arts

**Analysis Type:** Cohort Matched

---

**Longitudinal Analysis** Showing 1 result

**Compare By:** School      **Score Type:** Performance Standard      **GO**

Group	Exam	#	Score	Change
<a href="#">Pine Grove Elementary School</a>	STAR 04-05	187	3.1	+0.2
	STAR 03-04	187	2.9	

## Analyzing longitudinal data

When you define a longitudinal analysis for a state exam, you can quickly generate a report based on just the basic report options and then use the Currently Selected Options section (Options Dashboard) to refine the selection of students, or you can pre-select students as you define the group. The content areas you can select depend on the assessment you select.

### To define the data for longitudinal analysis:

- 1 Click the **State Analysis** tab. Click the **Longitudinal** link or icon.

The Select a Test for Longitudinal Analysis page lists all state assessments from your Assessment Locker that have been administered and scored.

These are exams that have scores associated with them.

**Select a Test for Longitudinal Analysis**

Choose a test below and click the appropriate *continue* button:

CAHSEE	<i>continue</i>
CAT6	<i>continue</i>
CELDT	<i>continue</i>
CST	<i>continue</i>
SAT9	<i>continue</i>

Choose an exam as the basis for your analysis.

- 2 To choose the exam to use as the basis for the longitudinal analysis, click **Continue** in the exam row.

The Select Students for Longitudinal Analysis page appears. The Basic Report Options section lets you select the school, exam, and grades to display. The Select Students Based on section lets you narrow the list of students to be included.

**3** If necessary, select a roster in the Select Students Based on section.

Edusoft imports roster information from your Student Information System (SIS) and from state test rosters (if available). You can select different rosters depending on the type of data you want to use.

- Click the **Roster** link in the Select Students Based On area. Select either the state test roster or the one from your SIS.

If you select a state test file, teacher and course information won't be available.

- For an SIS roster, select the roster school year, and then select one or more terms for that year.

**Tip:** Click **Show Schools** to see which schools have students enrolled in a term.

- Click **Continue** to continue selecting students.

**4** To create a longitudinal analysis using only the Basic Report Options (without narrowing the list of students):

- Select the school you want to display.

If you have access to just one school, Edusoft displays the name of the school. Otherwise, you can run the report for one school or for all schools that you have access to.

- Select the range of exams you want to display data for.

The two exam lists show all administrations of the exam for which there is data. You can compare any two exams that have data.

- Select the grade you want to display data for.

You can run a report for one grade or for all grades.

- Click **Continue**.
- 5 If necessary, use the links in the Select Students Based on section to refine the list of students.
  - You can choose as many options as you need.
  - Edusoft displays the number of students that match your choices as you move from one option to another.
  - Edusoft also makes options available according to your access and roster data. For example, if you choose a school with periods built into its roster, you can choose which periods to report on.

The screenshot shows a table with the following content:

Select Students Based on:		<a href="#">Tell me more...</a>
<a href="#">Teachers:</a>	All	Teachers: Your name appears here.
<a href="#">Ethnicities:</a>	All	
<a href="#">Ed Programs:</a>	All	
<a href="#">Custom Groups:</a>	All	
<a href="#">Gender:</a>	All	
<a href="#">Course:</a>	All	Administrators: You can choose courses.
<a href="#">Roster:</a>	2005-2006 Fall, School Year	
<a href="#">Period:</a>	All	

Annotations include:

- Administrators: You can choose teachers. (points to Teachers)
- Click one or more links to select students based on these options. (points to the list of options)
- Teachers: Depending on your roster, you can choose periods. (points to Period)
- Click this link for more information about selecting students. (points to Tell me more...)
- Click this link to clear your selections. (points to Clear Options)

Edusoft displays the options page for that link.

- 6 Click check boxes on the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.
- 7 When you have finished selecting options, click **Continue**.

The Select Group for Longitudinal Analysis page lists the content areas for the exam you selected. These are two examples.

The first screenshot shows the 'Select Group for Longitudinal Analysis' page for the CST exam. It has a 'continue' button and a list of content areas: All (selected), English-Language Arts, Mathematics, Science, and History-Social Science.

The second screenshot shows the same page for the TAKS exam. It has a 'continue' button and a list of content areas: All (selected), Reading, Writing, English Language Arts, Mathematics, Science, and Social Studies.

Annotations include:

- This is the page you see when you select the CST exam. (points to the first screenshot)
- This is the page you see when you select the TAKS exam. (points to the second screenshot)
- Click a button to select the content area you want to focus on. (points to the radio buttons in the second screenshot)

- 8 Select the specific content area you want to analyze. Click **Continue**. You can select one specific area, or all areas.

The Select Analysis Type for Longitudinal Analysis page appears.

Select the type of analysis you want to start with. You can select another analysis type after you create the longitudinal analysis.

**Select Analysis Type for Longitudinal Analysis**

**Select Analysis Type** continue

- Cross Sectional** - compares the scores of students in the same grade, but in different years. For example, you can see how this year's third graders compare to last year's.
- Cohort Unmatched** - compares the scores of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of last year's third graders. This group is unmatched because some students may have transferred in or out of the district.
- Cohort Matched** - compares the scores of the same group of students in successive years. For example, you can see how scores for this year's fourth graders compare to the scores of the same students when they were third graders last year. This group is matched because it includes only the students who took all assessments.

9 Select the analysis type you want to use. Click **Continue**.

- Select Cross Sectional to compare scores for two groups of students who took the same exam at the same grade level. You are looking at a cross section of the population.
- Select Cohort Unmatched to compare two sets of scores for roughly the same group of students. You are looking at all students in the selected group, whether or not they took both exams.
- Select Cohort Matched to compare two sets of scores for exactly the same group of students. You are looking at only those students in the selected group who took both exams.

The longitudinal analysis report appears. From here, you can change the group of students, the level of detail, the content area, the exams, or the type of analysis. See *Viewing the longitudinal analysis page*, next.

## Viewing the longitudinal analysis page

The longitudinal analysis page contains three sections:

- The Currently Selected Options section (Options Dashboard) at the top of the page shows the options you used for this report.
- The Longitudinal Analysis Options section in the middle of the page shows the current analysis settings (the range of exams, content areas, and analysis type).
- The Longitudinal Analysis section in the lower half of the page shows the current comparison and score type settings, as well as the scores and percent of change. It, too, is divided into two sections:
  - The Group panel on the left shows you the current level of detail for the data and how it's grouped—whether you're looking at data grouped by school, grade, teacher, student, ethnicity, Ed program, or gender.

- The Scores graph on the right shows the average scores for each exam and the percent of change. The type of scores in this part of the page depends on the assessment you selected.

The Currently Selected Options section shows the options you used for this report. You can also use it to change your selections.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	All
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All
<a href="#">Clear Options</a>			
Longitudinal Analysis Options			
<b>Exam Range:</b>	STAR 03-04-STAR 04-05	<b>Content Areas:</b>	English-Language Arts
<b>Analysis Type:</b>	Cross Sectional		

The Longitudinal Analysis Options section shows you the current analysis settings. You can use these links to select other settings.

The Compare By area shows you what group you've selected for the comparison. You can also use it to change your selection.

Longitudinal Analysis						Showing 4 results	
<b>Compare By:</b>	School	<b>Score Type:</b>	Performance Standard	<b>GO</b>			
Group	Exam	#	Score	Score	Change		
<a href="#">Cherry Tree Middle School</a>	STAR 04-05	651	2.9				
	STAR 03-04	636	2.8		+0.1		
<a href="#">Oak Hill High School</a>	STAR 04-05	750	3				
	STAR 03-04	713	2.9		+0.1		
<a href="#">Pine Grove Elementary School</a>	STAR 04-05	608	3.1				
	STAR 03-04	616	3		+0.1		
<a href="#">Sycamore Leaf Elementary School</a>	STAR 04-05	184	3.3				
	STAR 03-04	179	2.9		+0.4		

Each time you click a link, you drill down to another level of supporting data.

The Score type and scores you see in the Scores table depend on the type of exam you selected.

These are the average scores for the group.

You can use the links and lists in this page to:

- Change the group of students. See *Refining a group*, next.
- Change the analysis options or the display of data. See *Changing the longitudinal analysis* on page 55.

## Refining a group

The Currently Selected Options section (Options Dashboard) at the top of the Longitudinal Analysis page displays the same options that you used when you first defined the longitudinal analysis. Once you've generated the report, you can change these options to include a subset of the initial group of students. For example, you might want to look at just elementary school students to see if students in a class size reduction program showed improved performance.

This report shows only the students in a class size reduction program.

Currently Selected Options			
<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	5
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	Class Size Reduction Full Day	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All
<a href="#">Clear Options</a>			
Longitudinal Analysis Options			
<b>Exam Range:</b>	STAR 03-04-STAR 04-05	<b>Content Areas:</b>	Mathematics
<b>Analysis Type:</b>	Cross Sectional		

Longitudinal Analysis				
<b>Showing 2 results</b>				
<b>Compare By:</b>	School	<b>Score Type:</b>	Performance Standard	<b>GO</b>
Group	Exam	#	Score	Change
<a href="#">Pine Grove Elementary School</a>	STAR 04-05	191	3.2	+0.2
<a href="#">Sycamore Leaf Elementary School</a>	STAR 03-04	188	3	+0.6
<a href="#">Sycamore Leaf Elementary School</a>	STAR 04-05	185	3.7	
<a href="#">Sycamore Leaf Elementary School</a>	STAR 03-04	182	3.1	

Notice there are fewer schools and students listed.

### To compare different groups:

- 1 Click a link in the Currently Selected Options section.

**Tip:** For more information about selecting students for reports, click the **Tell me more** link.

Edusoft displays the options page for that link.

- 2 Click check boxes in the options page for the students you want to include, and click **Continue**. Or, click the **Clear Page** link and click **Continue** to select all options on a page.

The Options Dashboard displays the new selections, and the longitudinal report displays the corresponding data.

Longitudinal Analysis				
<b>Showing 1 result</b>				
<b>Compare By:</b>	School	<b>Score Type:</b>	Performance Standard	<b>GO</b>
Group	Exam	#	Score	Change
<a href="#">Pine Grove Elementary School</a>	STAR 04-05	186	3.3	+0.2
<a href="#">Pine Grove Elementary School</a>	STAR 03-04	189	3	

Notice there is data for fewer students.

## Changing the longitudinal analysis

The longitudinal report shows performance data year over year to help you monitor and identify performance trends. You can easily change both the longitudinal analysis options and the data that is displayed.

- In the longitudinal options, you can change the range of exams, the content areas, and the analysis type.
- In the data display, you can change the comparison basis and the score type. You can also drill down to the supporting data for any group.

**Currently Selected Options**

<b>Exam:</b>	STAR 04-05	<b>Roster:</b>	2005-2006 Fall, School Year
<b>Schools:</b>	All	<b>Grades:</b>	All
<b>Teachers:</b>	All	<b>Ethnicities:</b>	All
<b>Ed Programs:</b>	All	<b>Custom Groups:</b>	All
<b>Genders:</b>	All	<b>Courses:</b>	All

[Clear Options](#)

---

**Longitudinal Analysis Options**

<b>Exam Range:</b>	STAR 03-04-STAR 04-05	<b>Content Areas:</b>	English-Language Arts
<b>Analysis Type:</b>	Cross Sectional		

Click to select different exams.

Click to change how the scores are analyzed.

Select the groups you want to compare.

**Longitudinal Analysis** Showing 4 results

Compare By: School Score Type: Performance Standard

Group	Exam	#	Score	Change
<a href="#">Cherry Tree Middle School</a>	STAR 04-05	651	2.9	
	STAR 03-04	636	2.8	+0.1
<a href="#">Oak Hill High School</a>	STAR 04-05	750	3	+0.1
	STAR 03-04	713	2.9	
<a href="#">Pine Grove Elementary School</a>	STAR 04-05	608	3.1	+0.1
	STAR 03-04	616	3	
<a href="#">Sycamore Leaf Elementary School</a>	STAR 04-05	184	3.3	+0.4
	STAR 03-04	179	2.9	

Click a link to drill down to the supporting data for this group.

Select another type of score.

### To change the longitudinal analysis:

- 1 Click a link to change any of the Longitudinal Analysis Options.

Click this link	To
<b>Exam Range</b>	Select a different pair of exams
<b>Analysis Type</b>	Select a different type of analysis
<b>Content Areas</b>	Select a different content area

- To change the basis for comparison, select one in the Compare By list. Click **Go**.

Change your basis of comparison.

CST		English Language Arts	Mathematics	Science
Cherry Tree		3	3	4
Oak Hill		3	2.2	3

- To compare different scores, select a score type from the Score Type menu. Click **Go**.

Change the type of scores you want to compare.

CST		English Language Arts	Mathematics	Science
Cherry Tree		3	3	4
Oak Hill		3	2.2	3

For more information about the score types on your state exams, go to the Edusoft online Library. Then click the State Analysis button on the left, and choose the QuickGuide for the report you're interested in.

- To drill down to the supporting information for a group, click the link for that group. Drilling down also changes the comparison basis.

This report shows the underlying detail and the new comparison basis.

Group	Exam	#	Score	Change
Cherry Tree Middle School	STAR 02-03	615	53.4	
	STAR 01-02	658	53.8	-0.4

Group	Exam	#	Score	Change
6	STAR 04-05	214	56.7	
	STAR 03-04	217	56.6	+0.1
7	STAR 04-05	202	56.6	
	STAR 03-04	206	53.2	+3.4
8	STAR 04-05	199	48.9	
	STAR 03-04	235	51.8	-2.9

# Glossary

**Academic Performance Index (API)**—A numeric index or score designed to measure academic performance and growth in California schools. Scores range from 200 to 1000; 800 is the state-wide target for all schools. API scores summarize the weighted results of various statewide assessments administered during an annual reporting cycle that runs from the first of the year through the following fall. Assessments include: California Standards Tests (CST), California Achievement Test, Sixth Edition (CAT/6), and California High School Exit Examination (CAHSEE).

**Adequate Yearly Progress (AYP)**—A set of accountability criteria used to evaluate all public school campuses, school districts, and states as a provision of the No Child Left Behind (NCLB) Act. Each state develops its own statewide accountability plan in accordance with United States Department of Education (DE) requirements.

**California Achievement Test, Sixth Edition (CAT/6)**—A nationally norm-referenced test that measures achievement of basic academic skills and provides national comparisons. The CAT/6 is designed to determine how well California students in grades 2 through 11 are achieving academically compared to a national sample of students tested in the same grade at the same time of the school year.

As of 2003, the CAT/6 replaces the Stanford Achievement Test (SAT9) as the norm-referenced assessment for California. Because the CAT/6 and SAT9 were developed by different companies at different times, and use different national samples for comparisons, there are no meaningful comparisons to be made between 2002 SAT 9 and 2003 CAT/6 scores.

**California English Language Development Test (CELDT)**—An assessment designed to measure the progress of students whose home language is not English toward English language proficiency in listening, speaking, reading, and writing. The CELDT allows educators to identify new students who are English learners, monitor their progress in learning English, and help decide when English learners can be reclassified as fluent English proficient. CELDT results are in the form of scaled scores that fall into one of five performance bands: beginning, early intermediate, intermediate, early advanced, and advanced.

**California High School Exit Examination (CAHSEE)**—A two-part assessment designed to help districts identify students who are not developing skills that are essential for life after high school. Its goal is to ensure that pupils who graduate from high school can demonstrate grade level competency in reading, writing, and mathematics. Students take the CAHSEE for the first time in grade 10, are given up to five opportunities to retake the parts that they have not passed. CAHSEE results are in the form of scaled scores. A passing score for the mathematics portion of the exam is approximately 55 percent of the questions correct or a scale score of 350. The passing score for the English-language arts portion of the exam is approximately 60 percent or a scale score of 350.

**California Standards Tests (CST)**—A set of standards-based tests produced for California public schools to assess state-adopted academic standards. CSTs measure students' performance on California's Academic Content Standards in English-language arts, mathematics, science, and history-social science. For 4th and 7th grade students, the English-language arts tests also include a writing component. CST results are in the form of average scaled scores divided into five performance bands: far below basic, below basic, basic, proficient, and advanced.

**National Percentile Rank (NPR)**—An arithmetically derived score for a hypothetical average student, used for assigning percentile ranks. Each student's score is ranked by percentile against a hypothetical average student score. A student with a reading comprehension score at the 60th percentile scored at least as well as 60 percent of a national cross-section of students. Percentile ranks are useful for comparing a student's performance across content areas in a score profile.

**National Stanine**—A derived score that indicates a student's relative standing in the national norm group. Stanines range from a low of 1 to a high of 9, with stanines of 4, 5, and 6 usually considered average performance. Because stanines represent approximately equal units of ability, they are particularly useful for identifying broad performance categories.

**Normal Curve Equivalent (NCE)**—A standard score with a known mean and standard deviation that results in NCE scores of 1, 50, and 99 that correspond to percentile ranks of 1, 50, and 99. It was developed as a way of reporting achievement in the evaluation of funded programs and designed to combine the advantages of the other score types without the disadvantages inherent in each.

**Raw score**—The number of questions answered correctly on an assessment. Because some assessment items are more difficult than others, raw scores have a limited degree of measurement precision. As a result, raw scores are typically converted to various derived scores, such as scaled scores. Also, raw scores from one exam are not comparable to raw scores on a second exam.

**Scaled score**—A calculated score, based on raw score, that takes into account the differences between items. It is designed to provide a more precise measure of the knowledge or skills tested.

**Texas Assessment of Knowledge and Skills (TAKS)**—The new Texas state-wide assessment program for students in grades 3 through 11, first administered in the 2002-2003 school year. TAKS measures student performance against the Texas Essential Knowledge and Skills (TEKS) standards in English language arts, mathematics, science, and social studies. Satisfactory performance on the TAKS at Grade 11 is a prerequisite to a high school diploma.





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