Creating a Demographic report

A Demographic report displays the results of state exams broken down by categories you select. For example, you can aggregate scores based on ethnic groups or educational programs. Or you can show overall exam results for your school, grade, class, or entire school district.

To create a Demographic report:

1. Click the State Analysis tab. Click the PDF Reports for Groups and Individuals link or icon.
2. On the Reports page, select the state test you want to run the report on.
3. Click the Demographic Report link or thumbnail.
4. Teachers: Select the beginning pool of students for your report: District, School, or My Classes (allows you to select periods on next page).
   To compare scores for students meeting the same demographic criteria, run the same report but change these initial options. You will have overall scores for the district, school, and your classes for the same set of students.
5. On the Select Students page, update these options, if necessary:
   - Roster. This determines which data source is used when running this report: Test Roster (from state exam) or SIS (from school roster).
   - School (if you have access to more than one)
   - Exam for a given time period (and for certain exams, a date range)
   - Grade level
6. In the Select Students Based on area:
   - To run a report without selecting specific students, click Continue.
   - To run a report for a specific set of students, use the option links to limit the report results. Then click Continue.

About the SATP Demographic report

The Subject Area Testing Program (SATP) assesses whether high school students have developed competency in Algebra I, Biology I, US History from 1877, and English II before graduating from high school. Mississippi scales the exam results and divides the scaled scores into proficiency levels.

When you run a Demographic report for a set of students, Edusoft shows their overall scores in each content area (Algebra I, Biology I, and so on). The report also shows aggregate scores for each category of students you included, such as grade level and ethnic group, as well as the distribution of each group across the proficiency levels.

When would you use this report?

- You might run this report to have a printed copy of your students’ results.
- You might use this report to identify the NCLB groups you need to monitor.
- You might use this report to determine which educational programs are working well.
- You might use this report to check progress on low-performing students in your current class. To do so, run reports on your students’ scores from last year. Then create a custom group made up of those students with low scores, and select the custom group when running reports.

For more information

- See Edusoft’s online Help and online Library for more information on using State Analysis features.
- Visit your state’s Department of Education Web site for help with interpreting the state exam results:
  http://www.mde.k12.ms.us/acad/osa/satp.html

You can see each category followed by the number of students (in parentheses) belonging to that category.
# SATP Demographic Report

## Algebra I

**January 20, 2006 Page 1 of 1**

### Report Options
- **Schools:** Oak Hill High School
- **Exams:** SATP SATP April 04-05
- **Rosters:** 2005-2006 Spring, School Year
- **Teachers:** All
- **Grades:** All
- **Ethnicities:** All
- **Ed Programs:** All
- **District:** Edusoft School District
- **Course:** All
- **Custom Groups:** All

### Overall

<table>
<thead>
<tr>
<th># Students</th>
<th>Avg MC Raw Score</th>
<th>Avg OE Raw Score</th>
<th>Avg Scaled Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>114</td>
<td>31.27</td>
<td>1.35</td>
<td>341.12</td>
</tr>
</tbody>
</table>

#### Average MC & OE Raw Scores

For all students in this report, this is the average score for correct answers. The scores for the multiple choice (MC) and open-ended (OE) questions are shown separately. Raw scores are limited in their measurement precision because of differences among test items (some items are more difficult than others).

#### Average Scaled Score

This is the average scaled score by grade. Scaled scores take assessment item difficulty into account, providing a more precise measurement of skills and knowledge than raw scores. The range for scaled scores differs for each content area, grade, and year. Comparing this number against state-wide averages can tell you how well this set of students scored against other districts.

#### Average Pass/Fail Rate

This number indicates how far above or below this set of students performed against the passing score for the test. To calculate this number, the values are: Pass = 1, Fail = 0.

#### Average Proficiency

Proficiency reflects how a student has performed on a test based on expectations of acceptable performance, not as a ranking of how well they did compared to other students. To calculate Average Proficiency, each level is assigned a value, from 1 for Minimal through 4 for Advanced. The results are averaged for the group.

#### Percent in Each Proficiency Level

Each proficiency level corresponds to a range of scaled scores established for the exam. The percentages show how students placed across the proficiency levels.

### Grade

<table>
<thead>
<tr>
<th># Students</th>
<th>Avg MC Raw Score</th>
<th>Avg OE Raw Score</th>
<th>Avg Scaled Score</th>
<th>Avg Pass/Fail Rate</th>
<th>Avg Proficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>43.18</td>
<td>1.00</td>
<td>400.59</td>
<td>1.35</td>
<td>34%</td>
</tr>
<tr>
<td>10</td>
<td>39</td>
<td>1.54</td>
<td>394.56</td>
<td>0.96</td>
<td>32%</td>
</tr>
<tr>
<td>11</td>
<td>43</td>
<td>0.74</td>
<td>319.63</td>
<td>0.74</td>
<td>22%</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>0.62</td>
<td>315.77</td>
<td>0.77</td>
<td>19%</td>
</tr>
<tr>
<td>Adult Education</td>
<td>2</td>
<td>1.00</td>
<td>286.00</td>
<td>0.00</td>
<td>10%</td>
</tr>
</tbody>
</table>

### Gender

<table>
<thead>
<tr>
<th># Students</th>
<th>Avg MC Raw Score</th>
<th>Avg OE Raw Score</th>
<th>Avg Scaled Score</th>
<th>Avg Pass/Fail Rate</th>
<th>Avg Proficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>54</td>
<td>1.48</td>
<td>346.70</td>
<td>0.87</td>
<td>2.50</td>
</tr>
<tr>
<td>Male</td>
<td>60</td>
<td>1.23</td>
<td>336.10</td>
<td>0.82</td>
<td>2.20</td>
</tr>
</tbody>
</table>

### Ethnicity

<table>
<thead>
<tr>
<th># Students</th>
<th>Avg MC Raw Score</th>
<th>Avg OE Raw Score</th>
<th>Avg Scaled Score</th>
<th>Avg Pass/Fail Rate</th>
<th>Avg Proficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>112</td>
<td>1.98</td>
<td>341.29</td>
<td>0.85</td>
<td>2.35</td>
</tr>
<tr>
<td>Black</td>
<td>2</td>
<td>1.00</td>
<td>333.50</td>
<td>0.50</td>
<td>2.00</td>
</tr>
</tbody>
</table>

### Ed Program

<table>
<thead>
<tr>
<th># Students</th>
<th>Avg MC Raw Score</th>
<th>Avg OE Raw Score</th>
<th>Avg Scaled Score</th>
<th>Avg Pass/Fail Rate</th>
<th>Avg Proficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Education</td>
<td>6</td>
<td>1.33</td>
<td>328.67</td>
<td>0.67</td>
<td>2.17</td>
</tr>
</tbody>
</table>

### Percent in Each Proficiency Level

<table>
<thead>
<tr>
<th>Minimal</th>
<th>Basic</th>
<th>Proficient</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>26%</td>
<td>30%</td>
<td>33%</td>
<td>17%</td>
</tr>
</tbody>
</table>

### Notes

- **Overall**: The title includes the exam name, report type, and content area.
- **Grade**: These are the overall scores for this set of students.
- **Gender**: These are the scores by gender.
- **Ethnicity**: These are the scores by ethnicity.
- **Ed Program**: These are the scores by educational program.
- **# Students**: This is the number of students in each educational program with scores for this exam.