

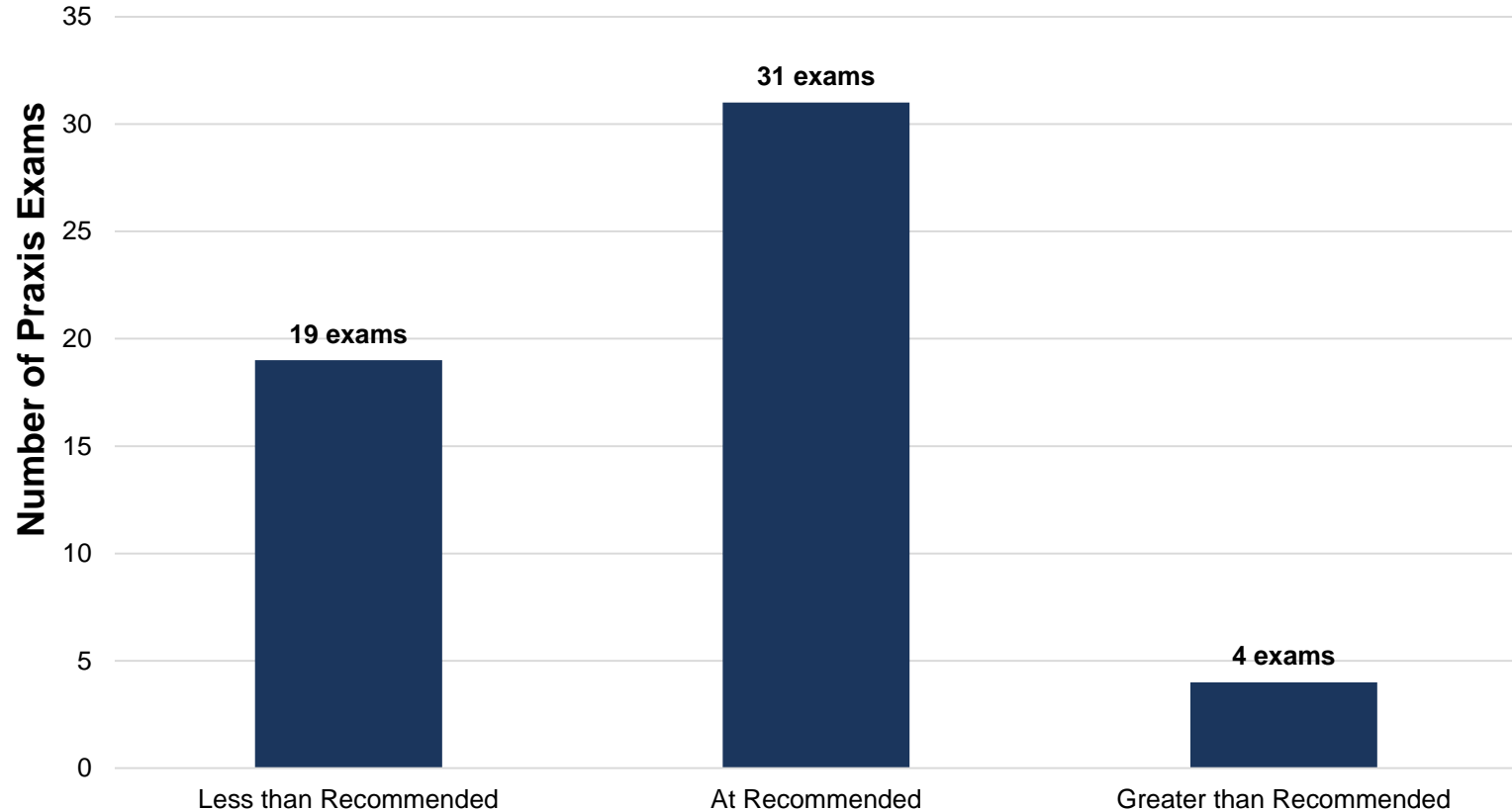


# Praxis Analysis

State Board of Education Workshop  
October 22, 2015

# Tennessee's Use of Recommended Cut Scores

## Tennessee Praxis Cut Scores



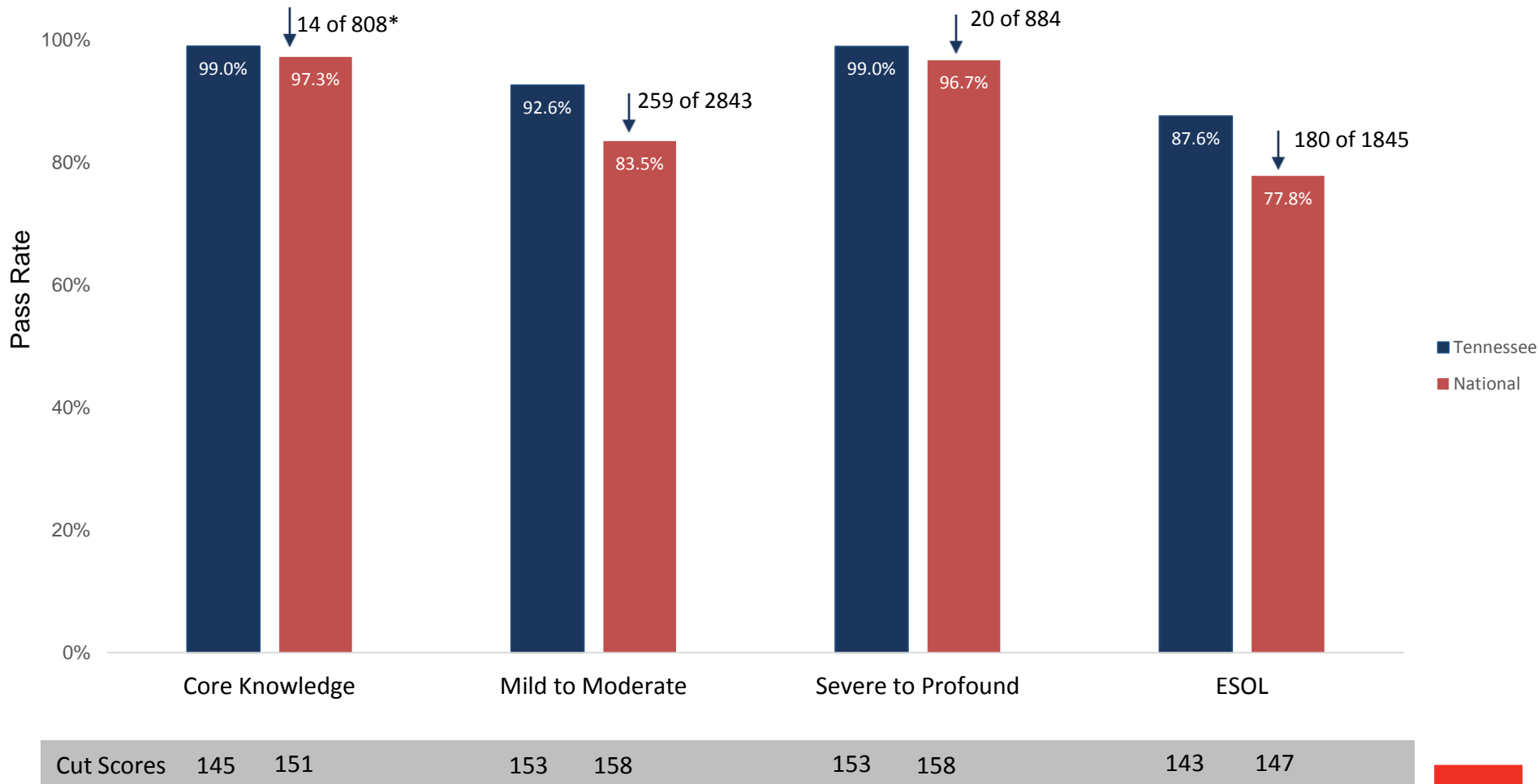
The logo consists of a red square with the letters 'TN' in white, serif font. Below the red square is a thin blue horizontal bar.

**TN**

# Comparing Pass Rates Using Historical Data

TM

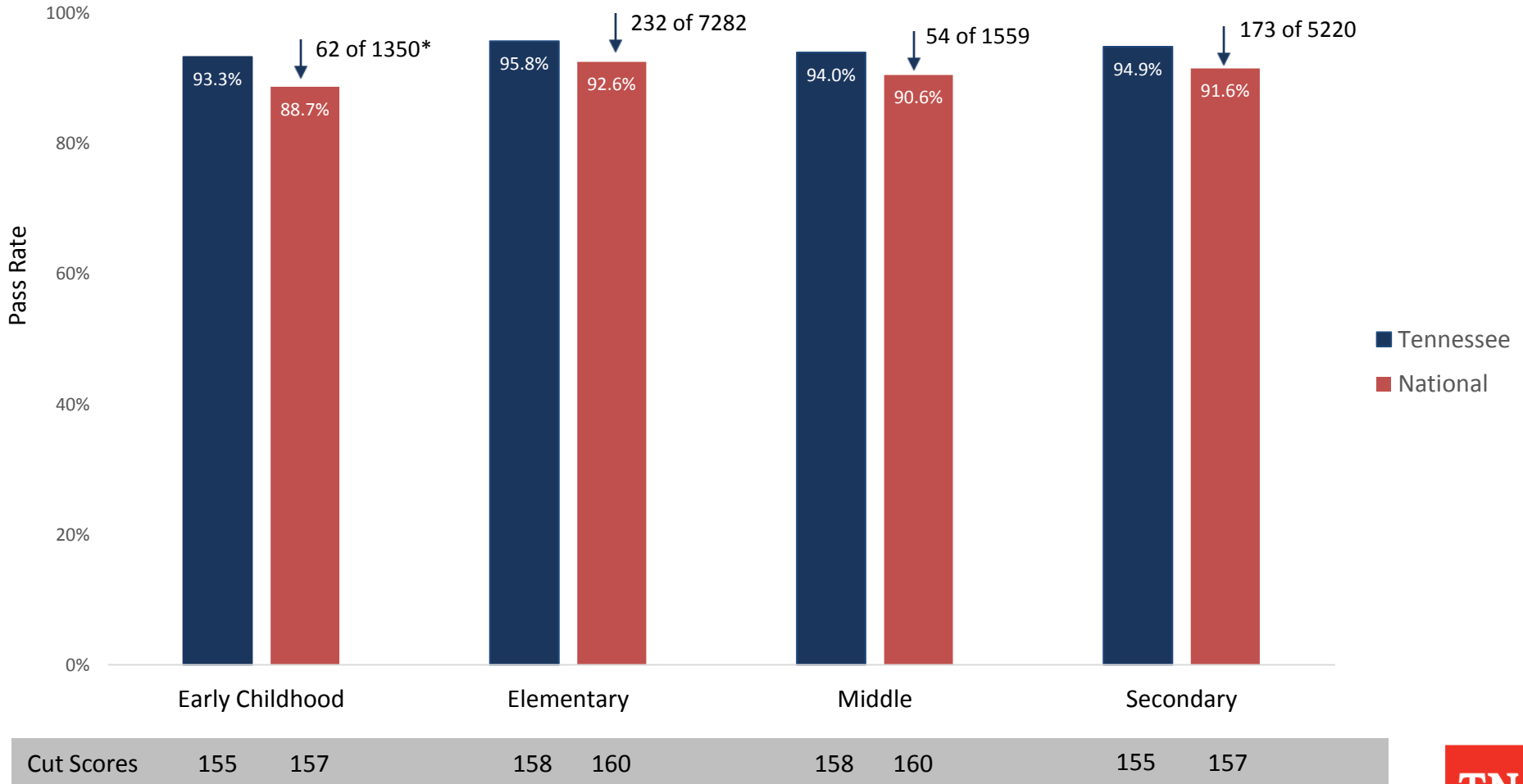
# Special Populations



\*This represents the number of additional tests that would have been rated as failing out of all tests out of all tests taken between September 2010 – August 2015 if the cut score had been set at the nationally recommended score.

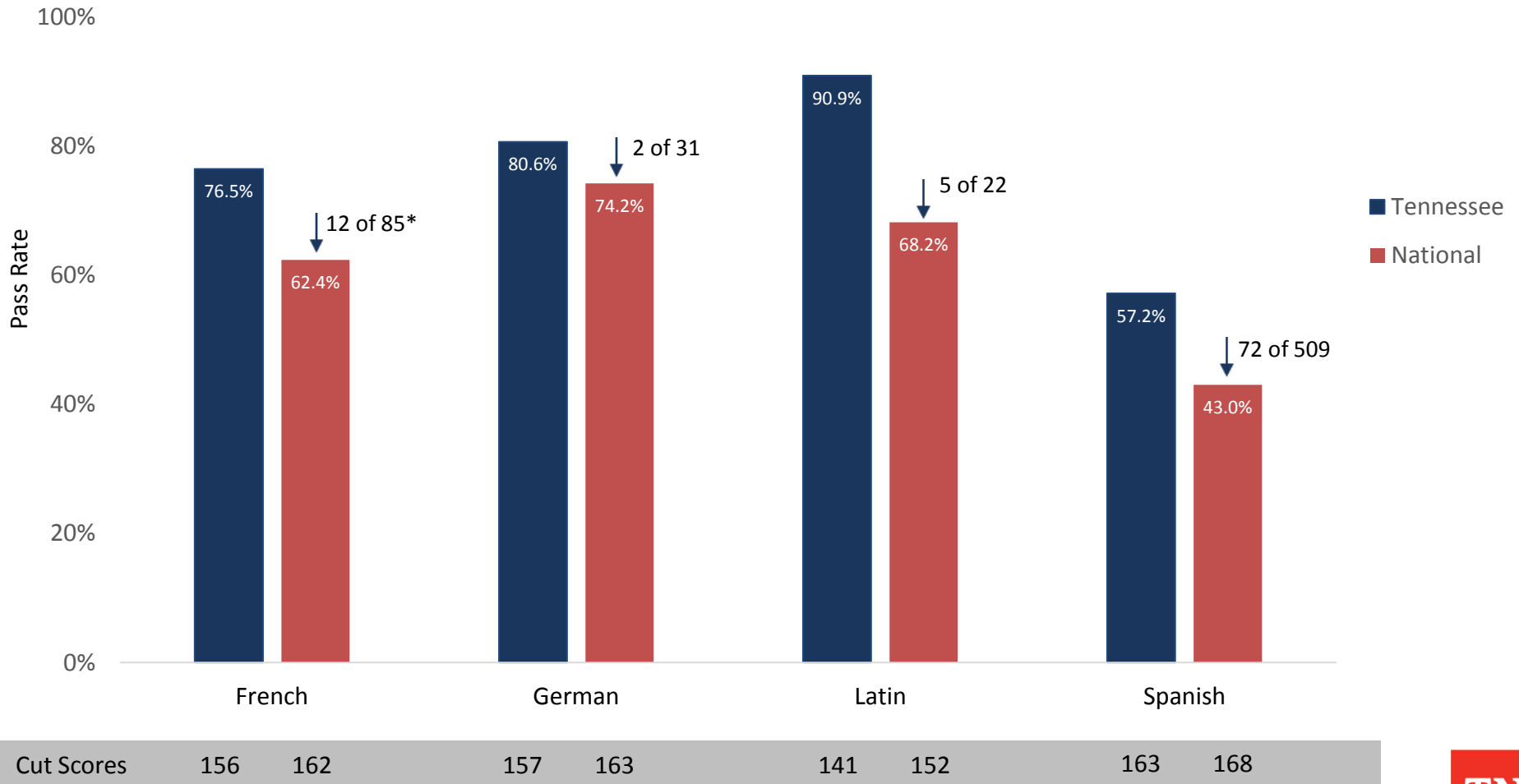


# Principles of Learning and Teaching



\*This represents the number of additional tests that would have been rated as failing out of all tests out of all tests taken between September 2010 – August 2015 if the cut score had been set at the nationally recommended score.

# World Languages



\*This represents the number of additional tests that would have been rated as failing out of all tests out of all tests taken between September 2010 – August 2015 if the cut score had been set at the nationally recommended score.

# Impact Analysis

| Category       | Assessment         | Pass Rate at<br>Current<br>Cut Score | Pass Rate at<br>National<br>Cut Score | Total<br>Tests Taken | Count<br>Reduced | Percent<br>Change |
|----------------|--------------------|--------------------------------------|---------------------------------------|----------------------|------------------|-------------------|
| PLT            | Early Childhood    | 93.3%                                | 88.7%                                 | 1350                 | 62               | 4.6%              |
| PLT            | Elementary         | 95.8%                                | 92.6%                                 | 7282                 | 232              | 3.2%              |
| PLT            | Middle             | 94.0%                                | 90.6%                                 | 1559                 | 54               | 3.5%              |
| PLT            | Secondary          | 94.9%                                | 91.6%                                 | 5220                 | 173              | 3.3%              |
| SPED           | Core Knowledge     | 99.0%                                | 97.3%                                 | 808                  | 14               | 1.7%              |
| SPED           | Mild to Moderate*  | 92.6%                                | 83.5%                                 | 2843                 | 259              | 9.1%              |
| SPED           | Severe to Profound | 99.0%                                | 96.7%                                 | 884                  | 20               | 2.3%              |
| SPED           | ESOL*              | 87.6%                                | 77.8%                                 | 1845                 | 180              | 9.8%              |
| WL             | German             | 80.6%                                | 74.2%                                 | 31                   | 2                | 6.5%              |
| WL             | French             | 76.5%                                | 62.4%                                 | 85                   | 12               | 14.1%             |
| WL             | Latin              | 90.9%                                | 68.2%                                 | 22                   | 5                | 22.7%             |
| WL             | Spanish*           | 57.2%                                | 43.0%                                 | 509                  | 72               | 14.1%             |
| Science        | Earth Science      | 71.9%                                | 49.0%                                 | 96                   | 22               | 22.9%             |
| Science        | Physics*           | 44.6%                                | 34.3%                                 | 166                  | 17               | 10.2%             |
| Fine Arts      | Art                | 86.8%                                | 72.0%                                 | 410                  | 61               | 14.8%             |
| Occupational   | Marketing          | 78.9%                                | 50.9%                                 | 114                  | 32               | 28.0%             |
| Occupational   | Technology         | 97.1%                                | 46.3%                                 | 34                   | 17               | 50.8%             |
| PE/Health      | PE                 | 73.7%                                | 46.3%                                 | 1126                 | 309              | 27.4%             |
| Social Studies | History            | 93.5%                                | 52.2%                                 | 1637                 | 676              | 41.3%             |

# Next Steps

- **Spring Recommendations**

- ETS is conducting a regeneration of the ESOL Praxis Assessment and will have a new recommended cut score
- Recommendation to increase cut scores to the nationally recommended cut score for all tests that would have a pass rate change of less than 9% (Spring Recommendation)

- **Spring Report**

- Conduct additional analyses to understand the impact of changing cut scores to the nationally recommended rate for tests with a pass rate change of more than a 9% (Spring Report)
- State team review of the Spanish Praxis Exam (Spring Report)
- ETS developing Algebra I Praxis Exam (Spring Report)