



# Career & Technical Education

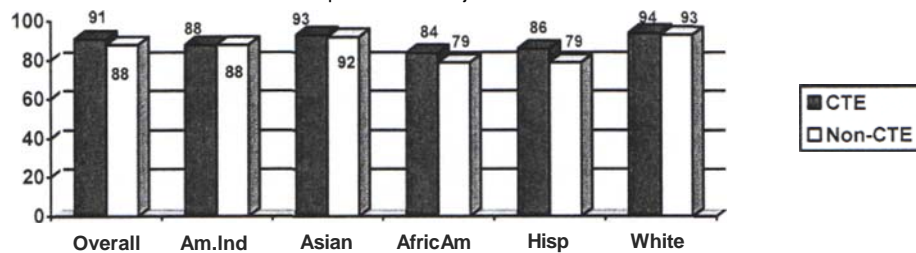
*Skills for Employment and Lifelong Learning*

## Education Accountability Brief No. 13 (Nov. 2007)

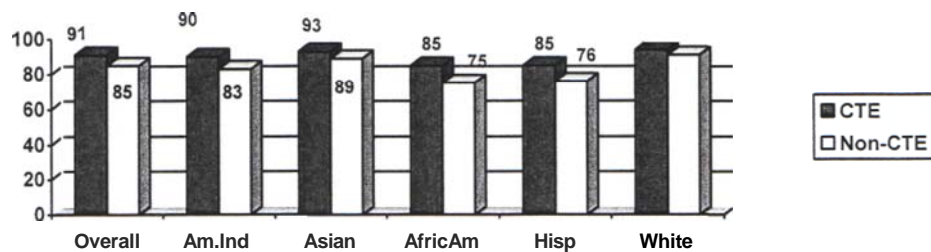
### Performance of CTE Students on the Nevada High School Proficiency Examination in Spring 2007

The present brief looks at academic proficiency in each area of Nevada High School Proficiency Examination (HSPE) of high school juniors who were first-time examination takers by comparing juniors enrolled in Career and Technical Education (CTE) programs with juniors who were not enrolled in CTE programs. To determine the proficiency results for students who were not in CTE programs, the results of the 10,955 CTE juniors eligible for testing by the spring of 2007 were removed from the database and the 12,496 eligible juniors who were not removed comprised the non-CTE juniors.

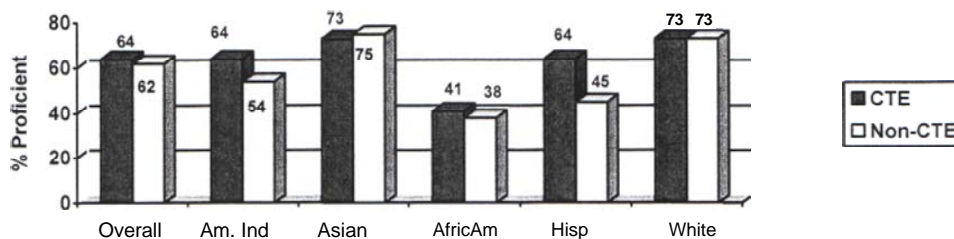
For reading, 91% of Nevada CTE juniors were proficient compared to 88% of non-CTE juniors. Notable differences in reading proficiency is evidenced for Black/African American and Hispanic CTE juniors compared to similar Black/African American and Hispanic non-CTE juniors.



For writing, 91% of Nevada CTE juniors were proficient compared to 85% of non-CTE juniors. Each race/ethnicity category of CTE juniors had a higher percent of proficient students than the non-CTE juniors.



For mathematics, 64% of CTE juniors were proficient compared to 62% of non-CTE juniors. Considerable differences were seen between the higher percentage of proficient American Indian and Hispanic CTE juniors and American Indian and Hispanic non-CTE juniors.





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## Education Accountability Brief No. 14 (April 2008)

### Performance of Students Enrolled in CTE Program Areas on the Nevada High School Proficiency Examination in Spring 2007

Previous briefs have shown higher percentages of CTE juniors of every race/ethnicity category proficient in reading, mathematics and writing than the percentage of proficient students of every race/ethnicity category who weren't enrolled in CTE courses. The only exception was for Asian/Pacific Islanders in mathematics. The focus on students eligible for testing by the spring of their junior year is consistent with Nevada's state plan to comply with the federal No Child Left Behind Act. The present brief looks at proficiency in reading, mathematics and writing of eligible juniors enrolled in different CTE program areas.

The table below shows a higher percentage of juniors enrolled in one or more of the six program areas of CTE who are proficient in reading, mathematics and writing and proficient in all three of these examined areas than the percentage of proficient juniors who were not enrolled in a CTE class. The only exception was the percentage of proficient CTE students enrolled in the Family and Consumer Sciences program area. The percentage of proficient juniors enrolled in Family and Consumer Sciences courses was lower than the non-CTE juniors in mathematics and proficiency in all three tested subjects. The percentage of proficient juniors enrolled in Family and Consumer Sciences was higher than the non-CTE juniors in writing and equal to the non-CTE juniors in Reading.

### Percentage of Juniors Proficient in Areas of the Nevada High School Proficiency Examination

| Student Groups                | Percent of Juniors Proficient |             |         |             |
|-------------------------------|-------------------------------|-------------|---------|-------------|
|                               | Reading                       | Mathematics | Writing | All 3 Areas |
| Agriculture/Natural Resources | 91%                           | 67%         | 89%     | 66%         |
| Business/Management           | 91%                           | 63%         | 92%     | 61%         |
| Family/Consumer Sciences      | 88%                           | 53%         | 89%     | 51%         |
| Health Sciences               | 99%                           | 78%         | 100%    | 78%         |
| Information Technology        | 94%                           | 74%         | 94%     | 72%         |
| Trade & Industry              | 91%                           | 65%         | 91%     | 63%         |
| CTE Students                  | 91%                           | 64%         | 91%     | 62%         |
| Non-CTE Students              | 88%                           | 62%         | 85%     | 59%         |

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