

2010 Colorado ACT SUMMARY OF RESULTS

In 2010, the Colorado ACT (COACT) was administered for the tenth year to 52,951 Colorado eleventh grade students, an increase of 1,466 students. Results from the 2010 COACT assessment are displayed in the accompanying tables.

General Results: Colorado ACT (COACT) 2010

The Colorado ACT is administered to all eleventh grade students. There are four subtests on the COACT: English, Mathematics, Reading, and Science Reasoning. In addition, there is a composite score based on the results for the four subtests. *This test does not have levels of proficiency, but provides a single score in each of the four content areas and an overall composite score.* These scores are averaged to provide scores at the state, district and school levels.

When compared to the results for 2009, the 2010 statewide results showed slight decreases in all content areas except English (18.6) which remained the same. Reading (down to 19.6 from 20.1) showed the largest decrease. The average 2010 composite score (19.4) decreased when compared to the average composite score (19.6) for 2009.

In terms of gender, females declined in all content areas, while males declined in all content areas except English, where they improved slightly (17.9 in 2009 to 18.0 in 2010). While females outperformed males in English (Males: 18.0 and Females: 19.3) and Reading (Males: 19.1 and Females: 20.2), the score for males was higher in Mathematics (Males: 19.6 and Females: 19.1) and Science Reasoning (Males: 19.6 and Females: 19.5). Composite scores decreased for both groups (Males: 19.2 and Females: 19.7) from the previous year.

An examination of the results by ethnicity shows that Mexican American students increased on all subtests from 0.6 to 1.3 points, the largest increase of any group. Multiracial students increased on all subtests, except for Reading (0.0). White students increased in English, Math and Science Reasoning, from 0.1 to 0.3 points. Most groups showed decreases in the Reading content areas. In the other subcontent areas for English, Math, and Science Reasoning, the results were mixed. African American students showed decreases on the composite score and scores for all subcontent areas.

Scores for students on Individual Education Plans (IEP) showed declines in all the content subtests, except English, as well as the composite score. English scores showed an increase of 0.1 points for students on an IEP.