

## **2009 Colorado ACT SUMMARY OF RESULTS**

In 2009, the Colorado ACT (COACT) was administered for the ninth year to 51,485 Colorado eleventh grade students, a slight decrease compared with 2008. Results from the 2009 COACT assessment are displayed in the accompanying tables.

### **General Results: Colorado ACT (COACT) 2009**

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 2008, the 2009 statewide results showed increases in all content areas except English (18.6) which remained the same. Reading (up to 20.1 from 19.6) showed the largest increase. The average 2009 composite score (19.6) increased when compared to the average composite score (19.4) for 2008.

In terms of gender, females improved in all content areas except for Science Reasoning which remained the same in 2009, while males improved in all content areas except English. While females outperformed males in English (Males: 17.9 and Females: 19.4) and Reading (Males: 19.7 and Females: 20.5), males did “close the gap” slightly in Reading. The score for males was higher in Mathematics (Males: 19.9 and Females: 19.2) and Science Reasoning (Males: 20.0 and Females: 19.6). Composite scores improved for both groups (Males: 19.5 and Females: 19.8).

An examination of the results by ethnicity shows that White students declined for all subtests except for Reading, where they remained the same. Most groups showed increases in the Math, Reading, and Science Reasoning content areas. In English, most groups showed decreases except for African Americans and Native Americans.

Students on Individual Education Plans (IEP) showed improvement in all the content subtests as well as the composite scores overall with the largest increases in Reading and Math.