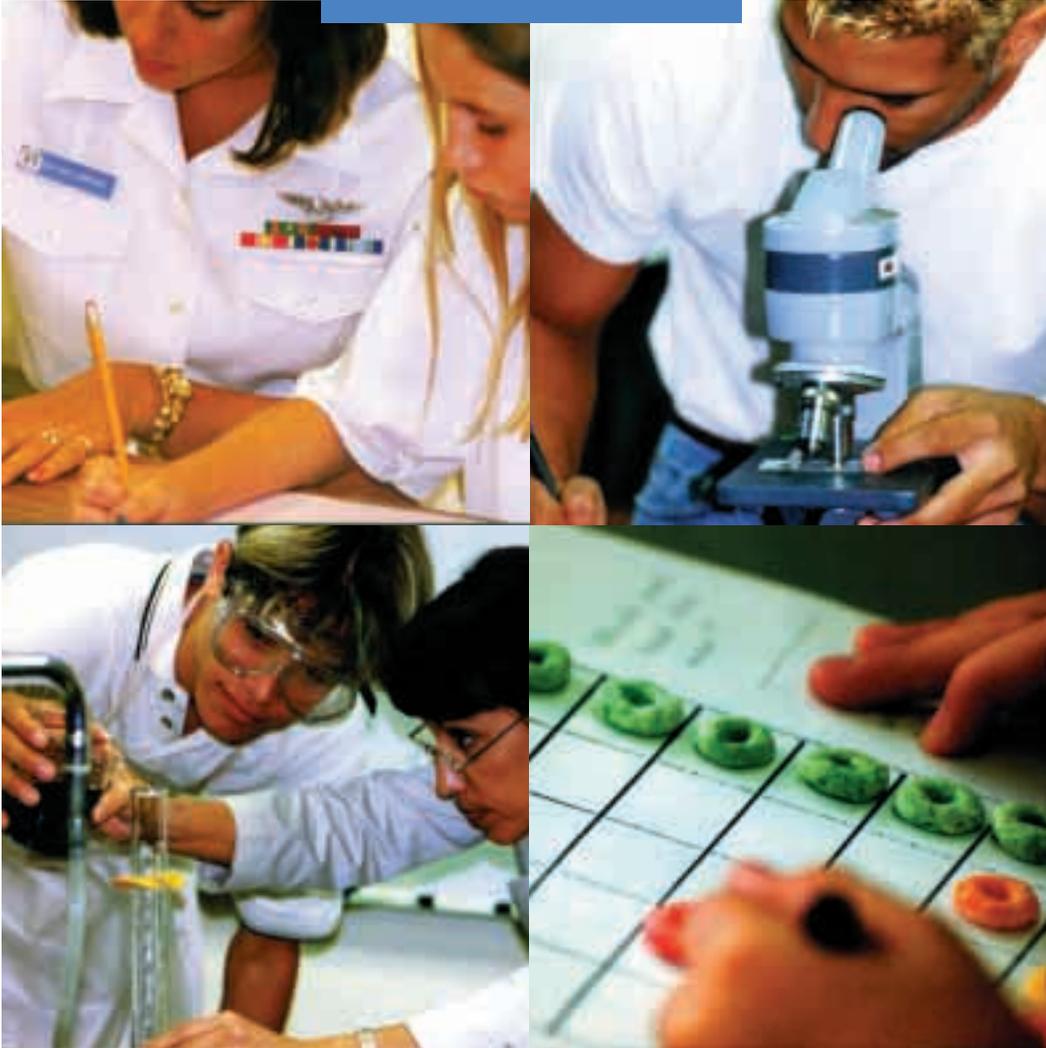


goal 4

By the year 2000, students will be first in the world in mathematics and science achievement.



DoDDS has established the priority benchmark that by the year 2000, the achievement gap in math and science between racial/ethnic/gender student groups and the DoDEA total group will be narrowed by 50%. • DDESS has established the priority benchmark that by the 2000, the percentage of students scoring above the 50th percentile will increase by 10%.

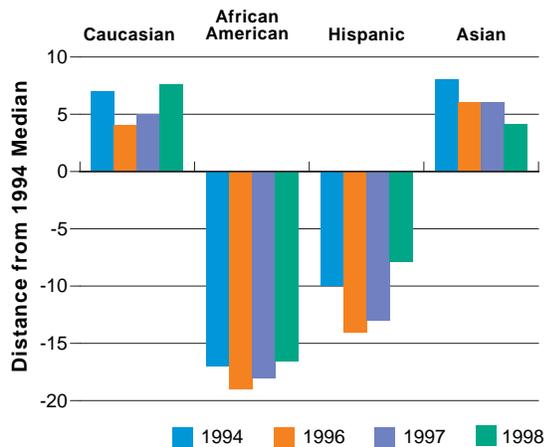
Mathematics and Science ACHIEVEMENT

For our students to develop the mathematical and scientific knowledge, skills, and attitudes necessary to compete in a global economy, we must continue to reformulate our curricula and instruction to be consistent with the best available instructional principles.

DoDDS Achievement Gaps

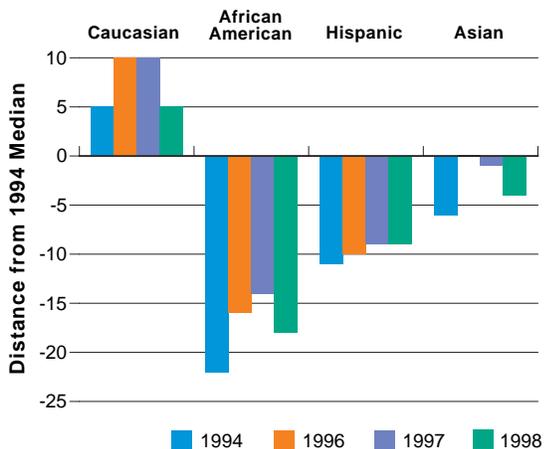
MATH

In mathematics, the achievement gaps, (as measured by the TerraNova), for DoDDS African American and Hispanic students in grades 3, 5, 7, 9, and 11 have narrowed 2% and 21% respectively since 1994.



SCIENCE

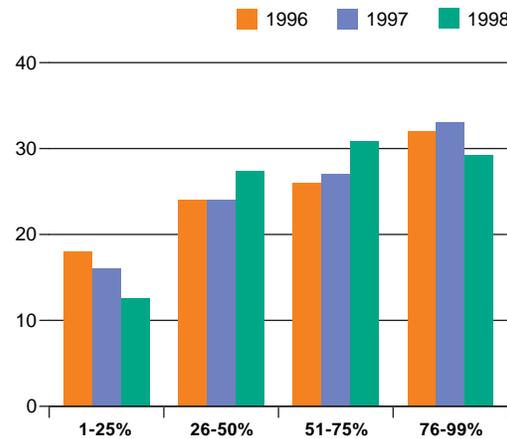
In science, the achievement gaps for DoDDS African American and Hispanic students in grades 3, 5, 7, 9, and 11 have narrowed by 18% for each since 1994. The gaps for African American students are 4 percentage points higher this year than last year although still less than 1994.



DDESS Standardized Test Results

MATH — BY QUARTERS

In mathematics, the percentage of DDESS students in grades 3, 5, 7, 9, and 11 scoring in the upper two quarters (above the 50th percentile), as measured by the TerraNova, increased by two percentage points from 58% in 1996 to 60% in 1998.



SCIENCE — BY QUARTERS

In science, the percentage of DDESS students in grades 3, 5, 7, 9, and 11 scoring in each of the upper two quarters (above the 50th percentile) increased by 10% from 1996 to 1998. Thus, DDESS students have met the benchmark for science.

