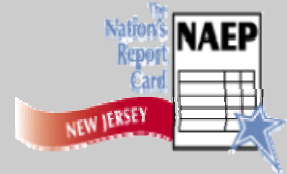


New Jersey Achievement-Level Results, Gender Mathematics Grade 4, 2003-2005



The Percentage of New Jersey Students At or Above Each Achievement Level by Gender

The fourth-grade National Assessment of Educational Progress (NAEP) mathematics assessment examines the knowledge and skills of students in five areas: *Number properties and operations; measurement; geometry; algebra and functions; and data analysis, statistics and probability.* The average scale scores range from 0-500, and the achievement levels correspond to the following points on the mathematics scale: *Below Basic*, 213 or lower; *Basic*, 214-248; *Proficient*, 249-281, and *Advanced*, 282 and above.

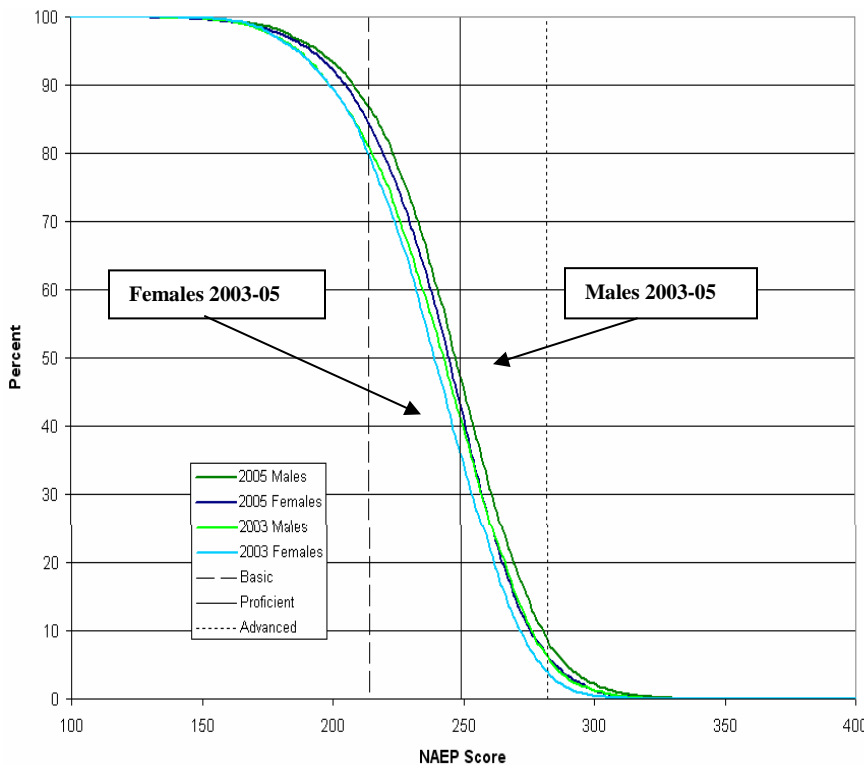
New Jersey Students as Compared with the Nation

- In 2005, the percentage of males in New Jersey performing at or above *Proficient* (47 percent) was significantly greater than that of males in the nation (37 percent).
- In 2005, the percentage of females in New Jersey performing at or above *Proficient* (43 percent) was significantly greater than that of females in the nation (33 percent).

Gender	Percent of students	Average scale score	Below Basic	At or Above Basic	At or Above Proficient	At Advanced
MALE						
2003 Nation	51 (0.2)	235(0.3)*	23(0.4)*	77(0.4)*	34(0.4)*	5(0.2)*
NJ	52(0.9)	240(1.3)*	19(1.5)*	81(1.5)*	41(1.8)*	6(1.2)
2005 Nation	51(0.2)	238(0.2)	20(0.2)	80(0.2)	37(0.3)	6(0.1)
NJ	52(1.0)	246(1.1)	13(1.3)	87(1.3)	47(1.9)	9(1.0)
FEMALE						
2003 Nation	49(0.2)	233(0.2)*	25(0.4)*	75(0.4)*	29(0.3)*	3(0.1)*
NJ	48(0.9)	237(1.1)*	20(1.7)*	80(1.7)*	36(1.6)*	4(0.6)
2005 Nation	49(0.2)	236(0.2)	21(0.2)	79(0.2)	33(0.3)	4(0.1)
NJ	48(1.0)	242(1.4)	16(1.3)	84(1.3)	43(2.2)	6(1.2)

* Value is significantly different from the value for the same jurisdiction in 2005.

Gap Plot: Percent At or Above Scale-Score Points for New Jersey Males and Females, 2003-2005



- In 2005, 47 percent of the males and 43 percent of the females in New Jersey performed at or above *Proficient*. The difference between the males and females was not significant.
- Between 2003 and 2005, the New Jersey males performing at or above *Proficient* increased from 41 to 47 percent and the females increased from 36 to 43 percent. These changes in both male and female performance at or above *Proficient* were significant.