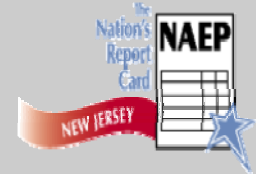


New Jersey Achievement-Level Results, Gender Mathematics Grade 8, 2003-2005



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

The eighth-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*, 261 or lower; *Basic*, 262-298; *Proficient*, 299-332, and *Advanced*, 333 and above.

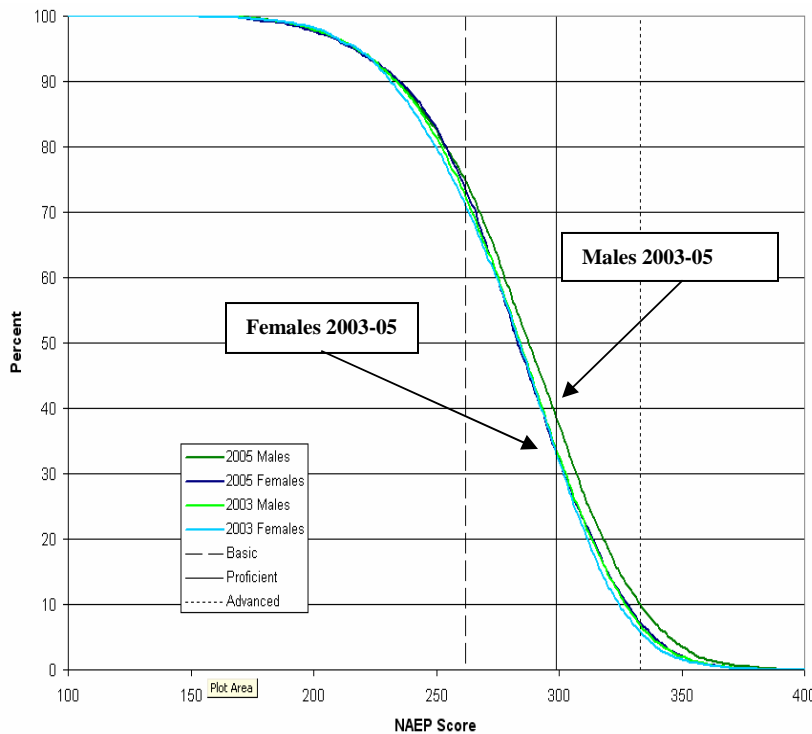
New Jersey Males and Females as Compared with the Nation

- In 2005, the percentage of New Jersey males who were at or above *Proficient* in (39 percent) was significantly greater than that of males in the nation (30 percent).
- In 2005, the percentage of New Jersey females who were at or above *Proficient* (33 percent) was significantly greater than that of females in the nation (27 percent).

Gender	Percent of students	Average scale score	Below Basic	At or Above Basic	At or Above Proficient	At Advanced
MALE						
2003 Nation	50 (0.2)	277 (0.3)*	33 (0.4)*	67(0.4)*	29 (0.3)*	6 (0.2)*
NJ	51 (1.1)	282(1.3)	28(1.5)	72(1.5)	34(1.7)	7 (0.8)
2005 Nation	51 (0.2)	278 (0.2)	32 (0.3)	68(0.3)	30 (0.3)	6 (0.1)
NJ	51 (0.9)	286(1.7)	25(1.8)	75(1.8)	39(1.8)	10(1.3)
FEMALE						
2003 Nation	50 (0.2)	275 (0.3)*	34 (0.4)*	66(0.4)*	26 (0.3)*	4 (0.1)*
NJ	49 (1.1)	281 (1.4)	29(1.6)	71(1.6)	33(1.7)	6(1.0)
2005 Nation	49 (0.2)	277 (0.2)	33 (0.3)	67(0.3)	27 (0.3)	5 (0.1)
NJ	49 (0.9)	282(1.4)	27 (1.6)	73(1.6)	33(1.7)	7 (1.1)

* 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, 39 percent of the New Jersey males and 33 percent of the New Jersey females performed at or above *Proficient*. The difference between the males and females was significant.
- Between 2003 and 2005, the New Jersey males performing at or above *Proficient* increased from 34 to 39 percent and the females remained the same at 33 percent.
- The percentages of both New Jersey males and females performing at or above *Proficient* did not differ significantly in 2005 from the percentages in 2003.