



Letting Data Lead the Way to Improve Student Achievement in Science and Mathematics

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PRISM Goals

- Goal 1: Raise expectations and achievement in SM in P-12 schools, while closing the achievement gaps among demographic groups.
- Goal 2: Raise student achievement in SM in P-12 schools through increasing and sustaining the number, quality, and diversity of P-12 teachers.
- Goal 3: Raise student achievement in SM in P-12 schools through increasing the responsiveness of higher education to the needs of P-12 schools.

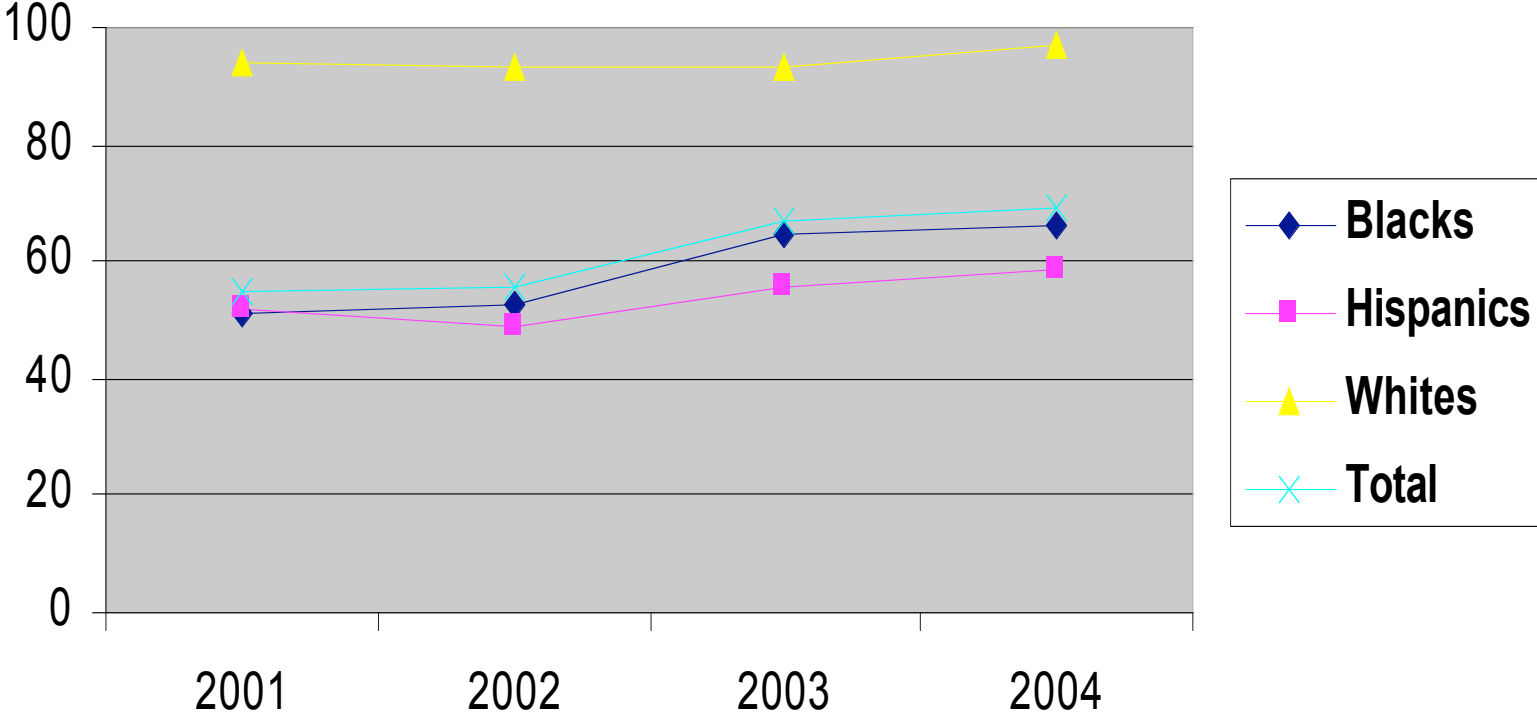


Focus on Goal 1: Raising Student Achievement in SM

- Completing challenging SM courses:
 - Increase percent completing courses for all demographic groups.
 - Close the gaps among demographic groups.

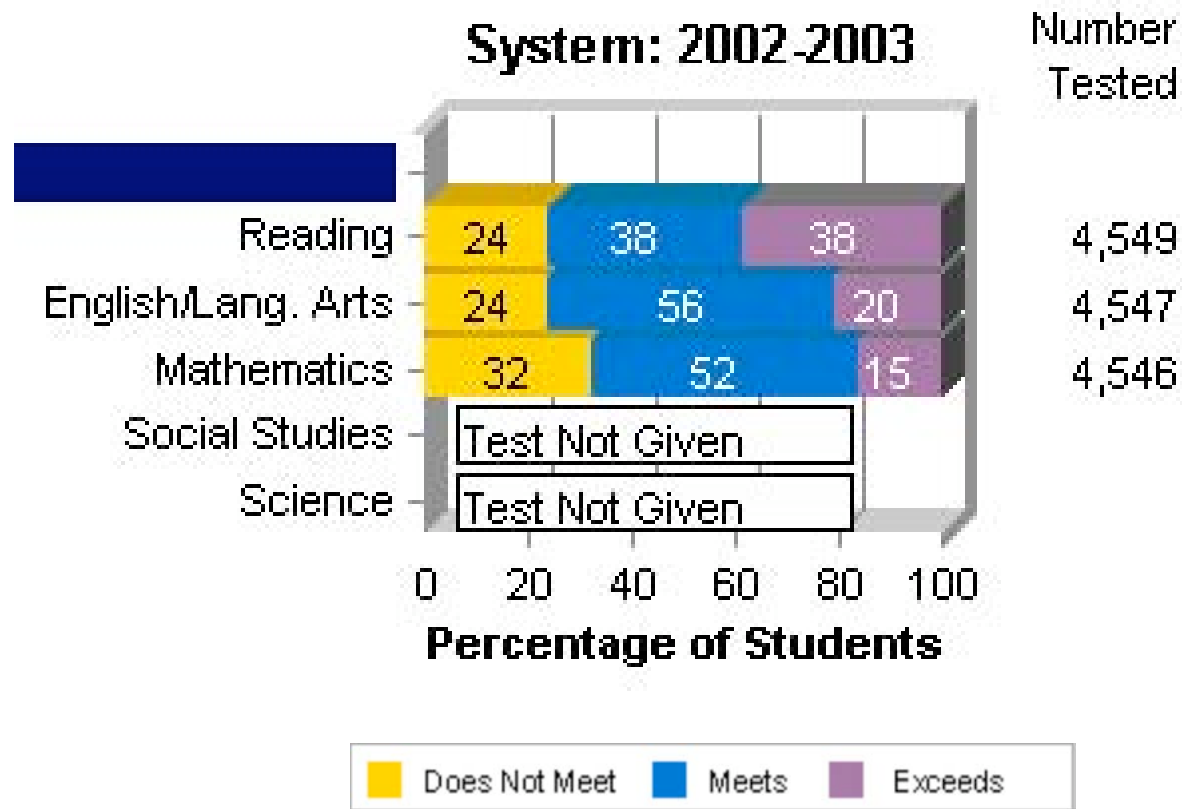
- Meeting or exceeding standards on CRCT/GHSGT:
 - Increase percent of students meeting or exceeding standards for all demographic groups.
 - Close the gaps among demographic groups.

Percent Meeting or Exceeding Standards on Mathematics CRCT, Grade 4



Fourth Grade CRCT Results

Percentage of Students at Each Performance Level for All Students



Percent Meeting or Exceeding Standards on Mathematics CRCT, Grade 4

	2001	2002	2003	2004
Blacks	51	53	65	66
Hispanics	52	49	56	59
Whites	94	93	93	97
Total	55	56	67	69

Percent Meeting or Exceeding Standards on Mathematics CRCT, Grade 4

	2001	2002	2003	2004
White – Black	43	40	28	31
White - Hispanic	42	44	37	38



How are data used in PRISM?

- To track progress towards meeting PRISM goals.
- To evaluate the effectiveness of various PRISM programs.
- To provide formative feedback on participants perceptions of PRISM.
- Lots more.



How are Data Used in Your School?

- Complete worksheet #1 in small groups of 2-4.
- Time limit: 15 minutes.

