



*MMSTL*

*2008 Results*

*At Baker MS...*

*We Rock!*



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*Baker MS*

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# What is the MMSTL?

- *MMSTL stands for the Maryland Measure of Student Technology Literacy.*
- *The MMSTL is an online tool designed to provide data on student's knowledge and skills to better align curriculum, improve the instructional program, eliminate the digital divide, and ensure that students are college and career-ready.*



# Background

- Administered to all Grade 7 students in the state of Maryland
- Administered online
- Designed for a 40-minute time slot
- Untimed
- Combination of-
  - Selected Responses
  - Performance-based Items



# What are the Standards?

- *Technology Systems*
- *Digital Citizenship*
- *Technology for Learning & Collaboration*
- *Technology for Communication and Expression*
- *Technology for Information Use and Management*
- *Technology for Problem Solving and Decision Making*



# Reporting of Student Results

- *Proficient or Not Proficient*
- *Individual student scores, by school, by county, and state-wide*
- *Does not affect AYP status*
- *Data will be used to plan for future curriculum alignment, program improvement, and professional development.*

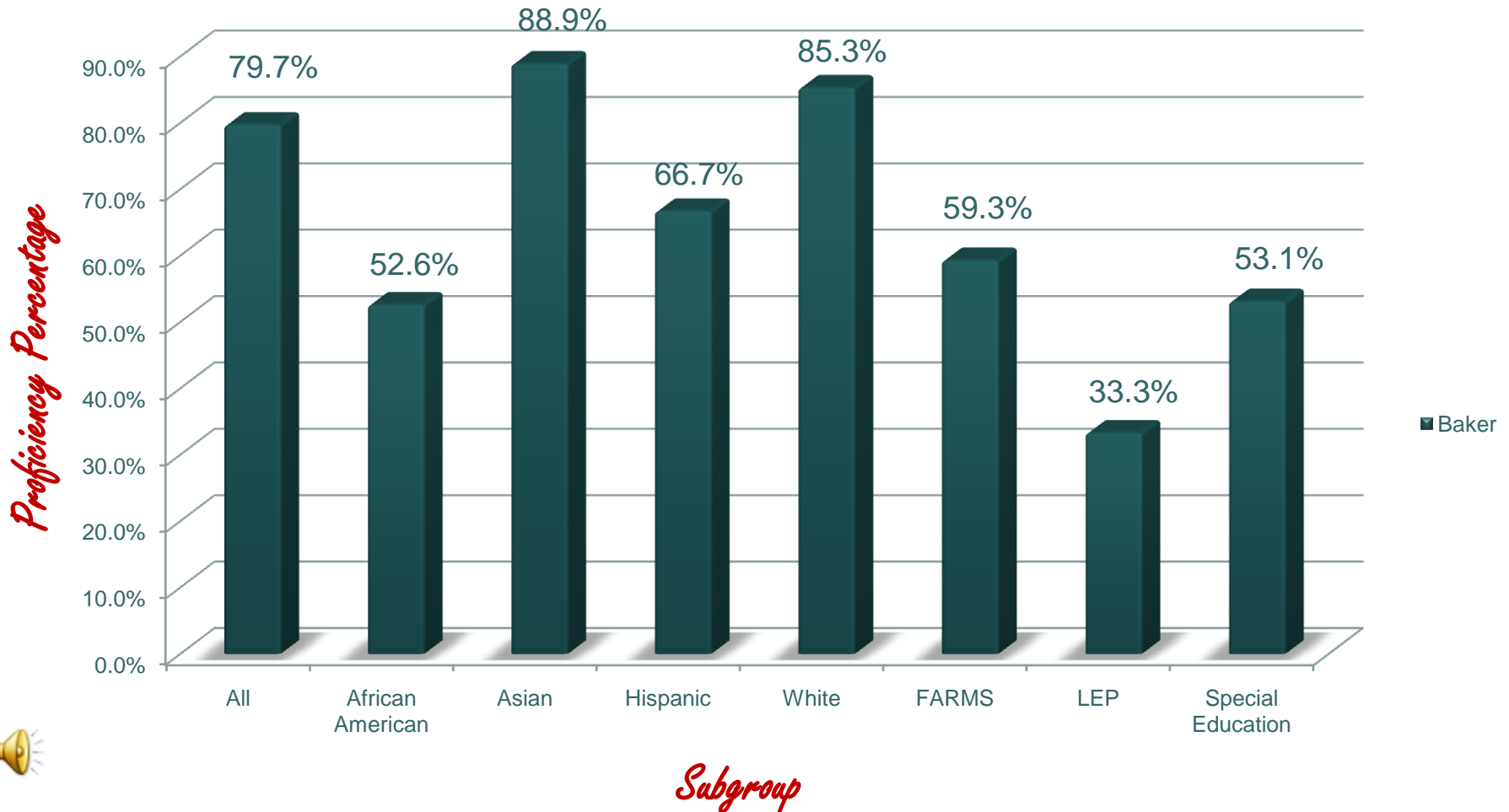


# *Impact on Staff & Students*

- *Aligning curriculum and resources with the Maryland Standards for Student Technology Literacy*
- *Improving programs that support the acquisition of 21<sup>st</sup> century technology knowledge and skills*
- *Identifying the professional development needs of teachers and administrators*

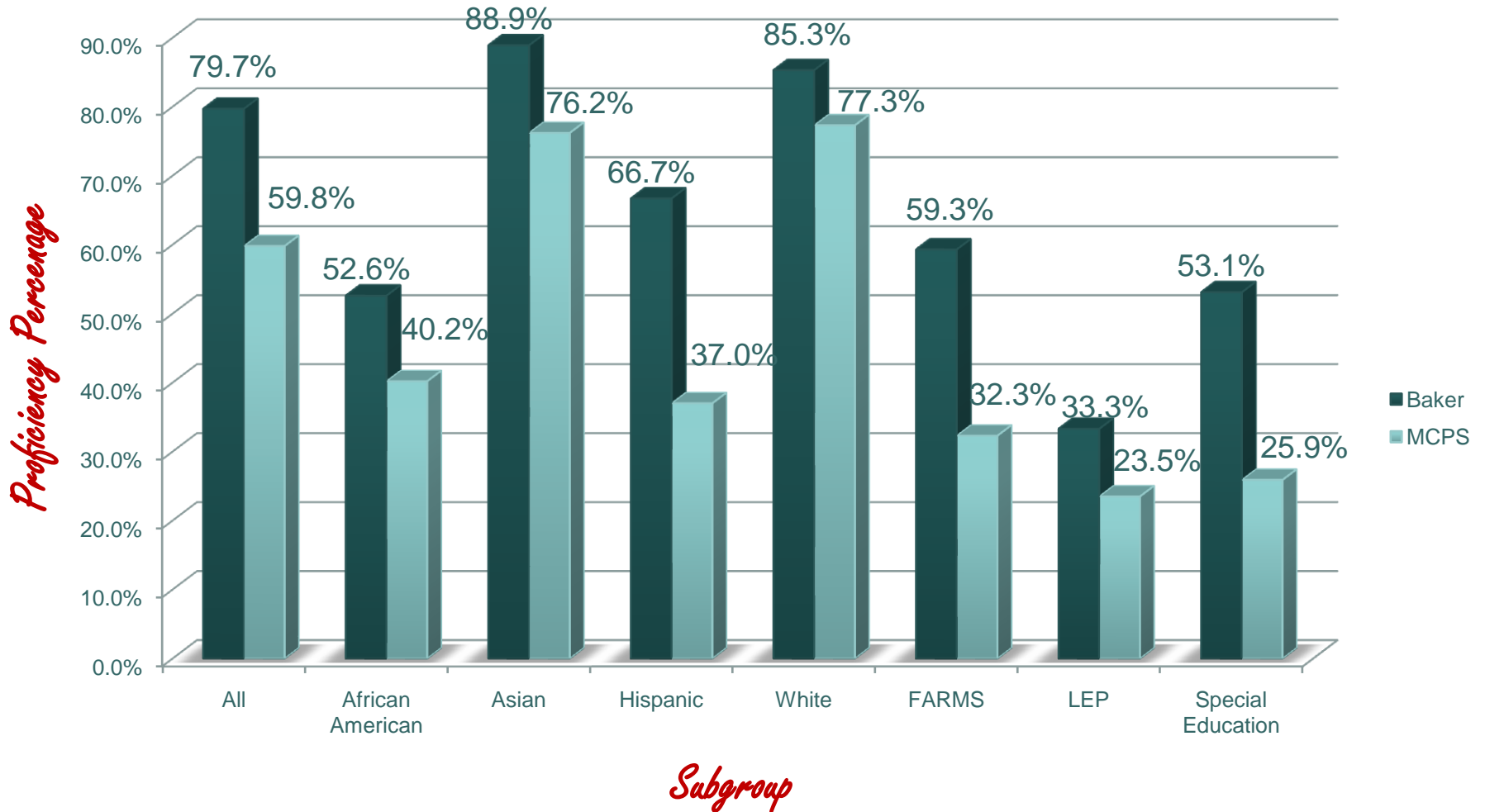
# How did we do on the MMSTL in 2008?

## 2008 MMSTL Proficiency Levels



# How do we compare to MCPS?

## Baker vs. MCPS





# *How Do We Prepare Students For This Assessment*

- *Standard 1 – Database*
  - *Analyze a spreadsheet*
  - *Refine library catalog*
- *Standard 2 – Multimedia Presentations*
  - *Electric presentations*
  - *What would be more appropriate—a PPT or website*
- *Standard 3 – Spreadsheets*
  - *Input and analyze information in a spreadsheet*



# *How Do We Prepare Students For This Assessment*

## *○ Standard 4 - Systems Fundamentals*

- Explain how network resources are accessed*
- ID and use different types of files, such as jpeg or pdf*

## *○ Standard 5 - Social/Ethical*

- Practice appropriate use of technology systems*
- Comply with copyright laws*



# *How Do We Prepare Students For This Assessment*

- *Standard 6 - Word processing*
  - *Refine published documents*
  - *Publish documents with graphs and text*
- *Standard 7 - Telecommunications/Internet*
  - *Use the internet to gather information and share ideas*