

# BRAC Subcabinet Meeting

## Maryland Schools Are BRAC-Ready

Maryland State Department of Education  
Nancy S. Grasmick  
State Superintendent of Schools  
September 10, 2007

# Priority Areas

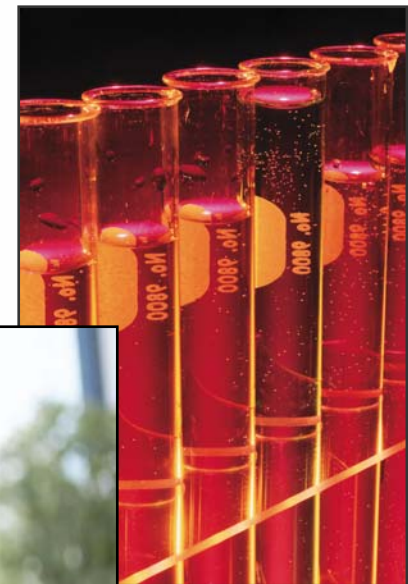
- Enhancing Maryland's educational programs.
- Recruiting and retaining highly qualified teachers.
- Expanding the use of innovative schools and programs.

# Priority Areas

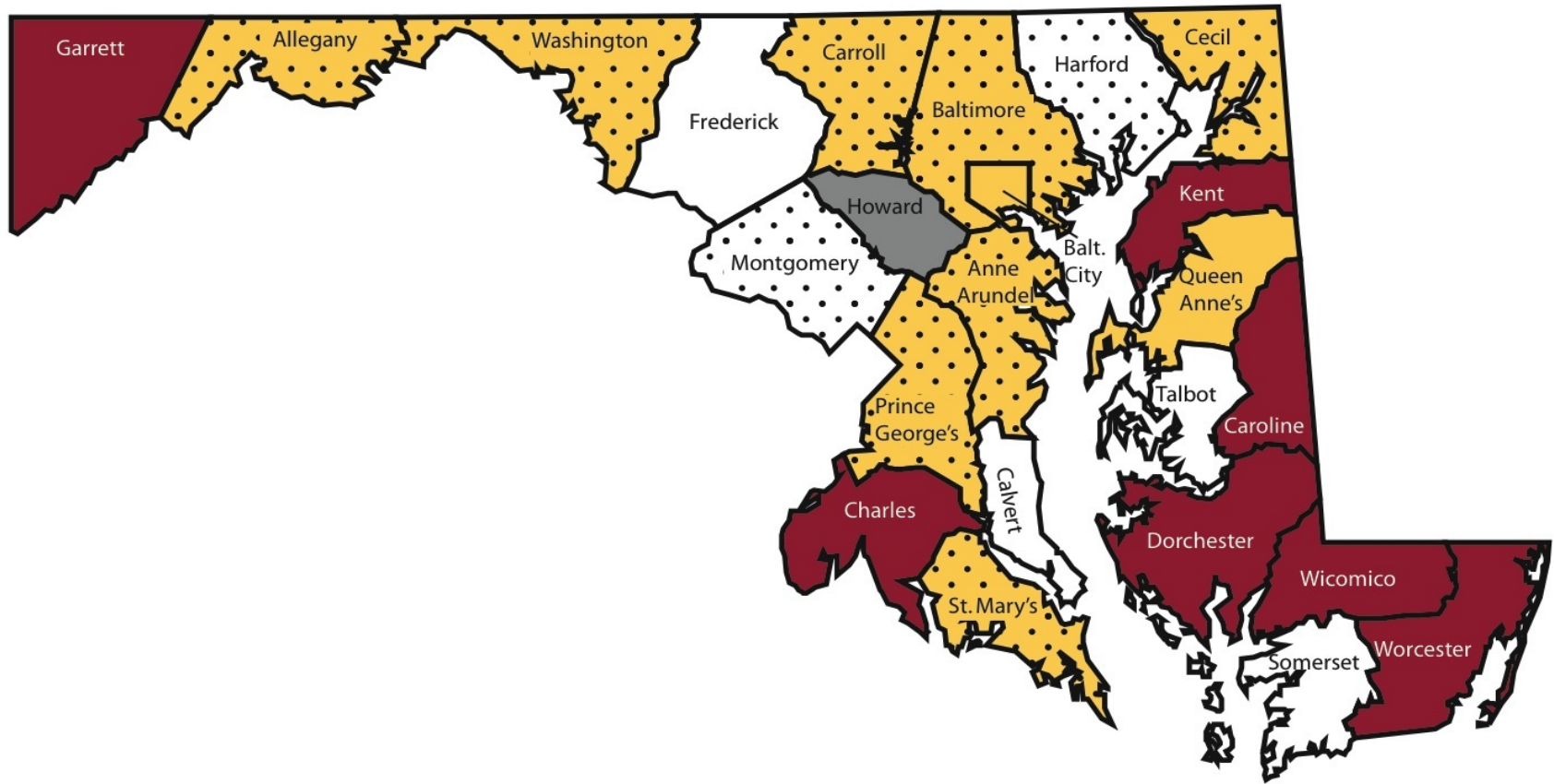
- Improving and expanding school buildings and classrooms.
- Improving articulation between preK-12 and postsecondary education.

# #1 Enhancing Educational Programs Improving STEM instruction

Science,  
Technology,  
Engineering &  
Mathematics  
(STEM)






# Maryland School Systems that Received STEM Grants for FY 08



**Nancy S. Grasmick**  
State Superintendent of Schools

**Martin O' Malley**  
Governor

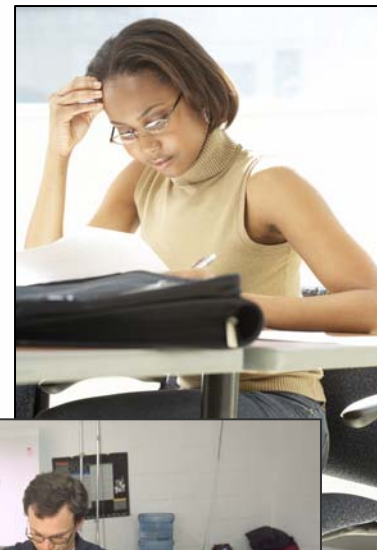
-  FY 08 Planning Grants
-  FY 08 Implementation Grants
-  FY 08 Combined Planning/Implementation Grant
-  FY 07 STEM Grant Award Recipients

# #1 Enhancing Educational Programs

## Offering high-quality CTE programs

### Career & Technology Education

- 48% of all sophomores, juniors, and seniors enroll in CTE courses.
- 25% of the class of 2006 completed a CTE program of study.



# #1 Enhancing Educational Programs

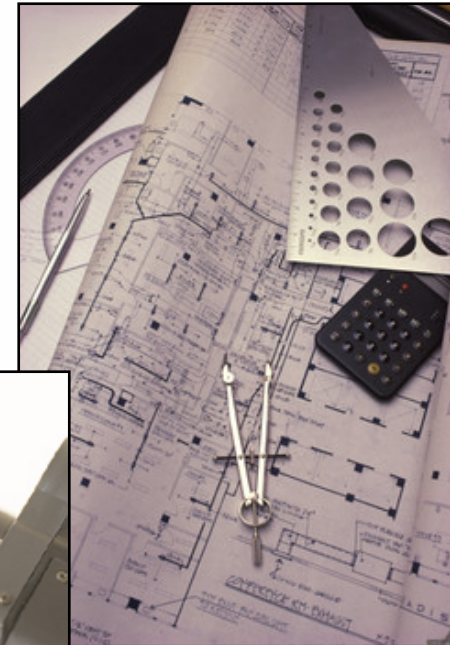
## Offering high-quality CTE programs

- Pre-engineering
- Biomedical Sciences
- Homeland Security
- IT Networking (Cisco)
- IT Database Modeling (Oracle)
- Automotive Technology
- Construction and Development
- Business, Management, and Finance
- Teacher Academy of Maryland

# #1 Enhancing Educational Programs Scaling up Project Lead The Way

## Project Lead The Way

- Pre-engineering
- Biomedical Sciences

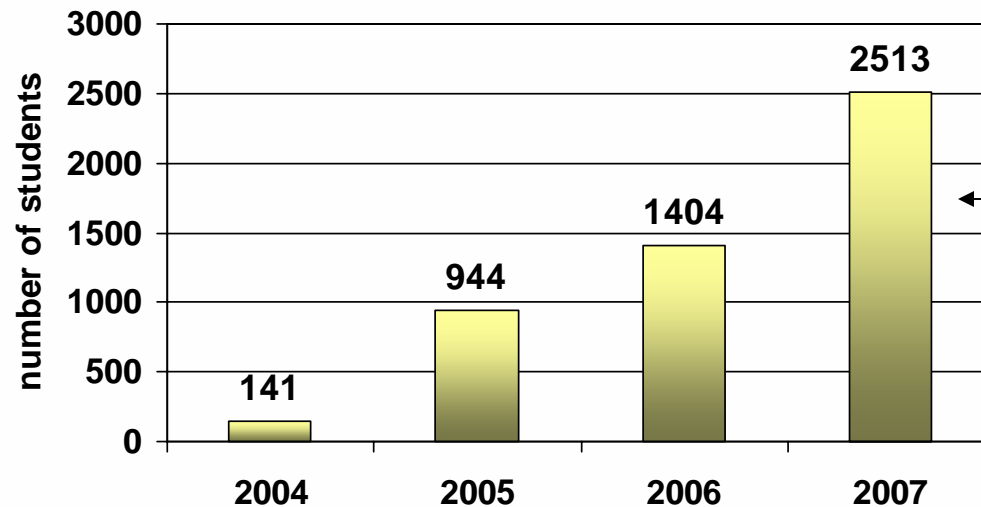




# #1 Enhancing Educational Programs

## Scaling up Project Lead The Way

Pre-engineering Enrollment



Pre-engineering enrollment:  
**↑ 79% over 2006**

# #1 Enhancing Educational Programs

## Scaling up Project Lead The Way

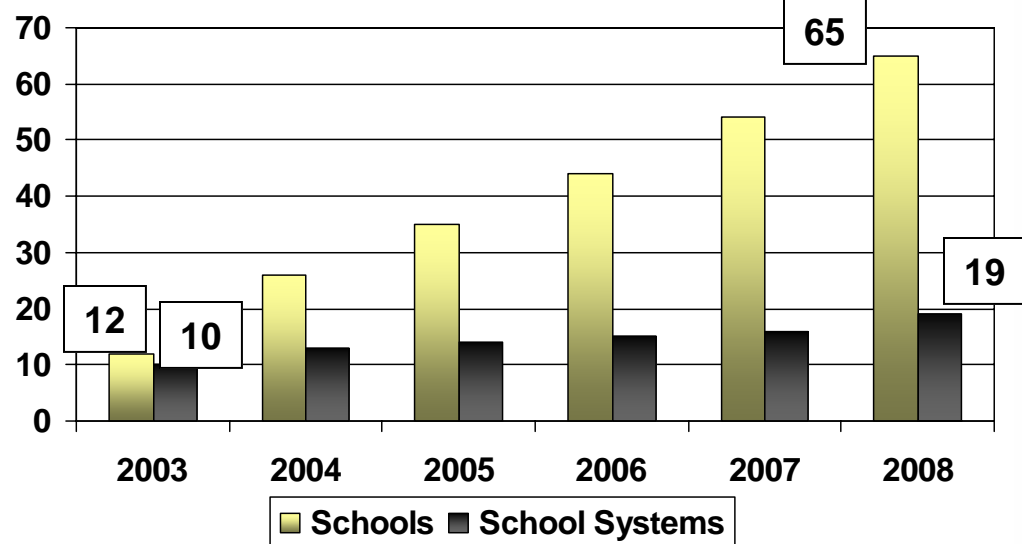
### Pre-Engineering

- 58 schools
  - 47 high schools
  - 11 middle schools
- 18 school systems
- University Affiliate: UMBC

### Biomedical Sciences

- 7 high schools
- 7 school systems
- University Affiliate: Villa Julie College

PLTW Growth, 2003-2008



# #1 Enhancing Educational Programs

## Continuing our AP leadership



### Maryland ...

#1 in improving AP performance

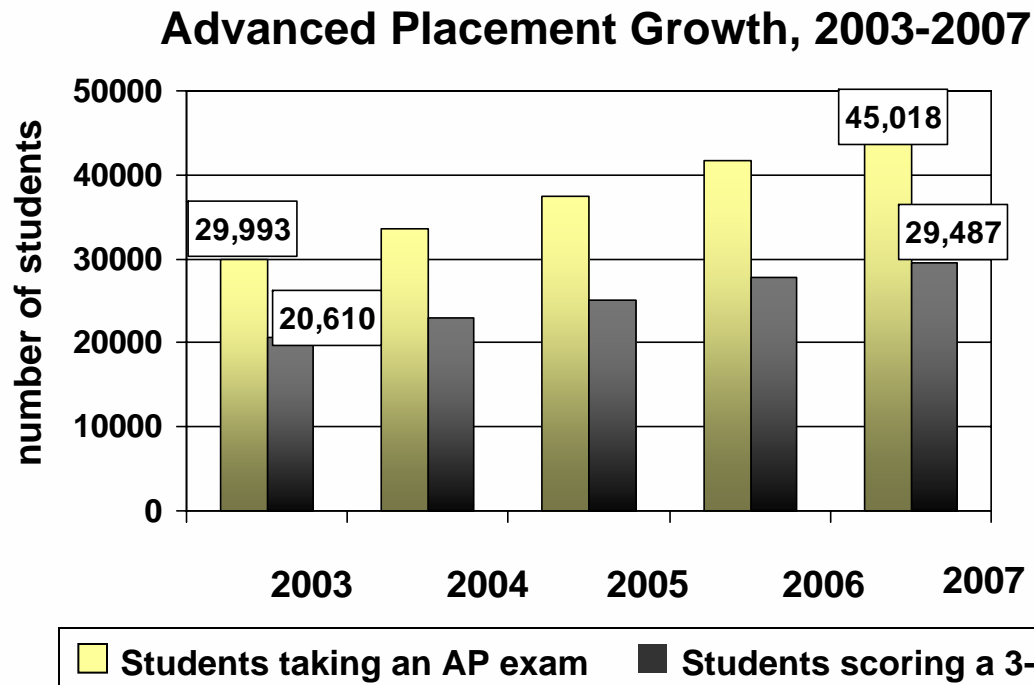
#2 in AP performance overall

#2 in AP participation

#3 in improving AP participation

# #1 Enhancing Educational Programs

## Continuing our AP leadership



### AP Programs

- Project Nexus
- Great Expectations
- AP Incentive Program

# #1 Enhancing Educational Programs

## Improving access to high-quality early care and education

- Consolidating early care and education
- Improving child care access and quality



# #1 Enhancing Educational Programs Accommodating students with disabilities



- Maryland Infants & Toddlers Program
- Additional funding for BRAC-affected districts

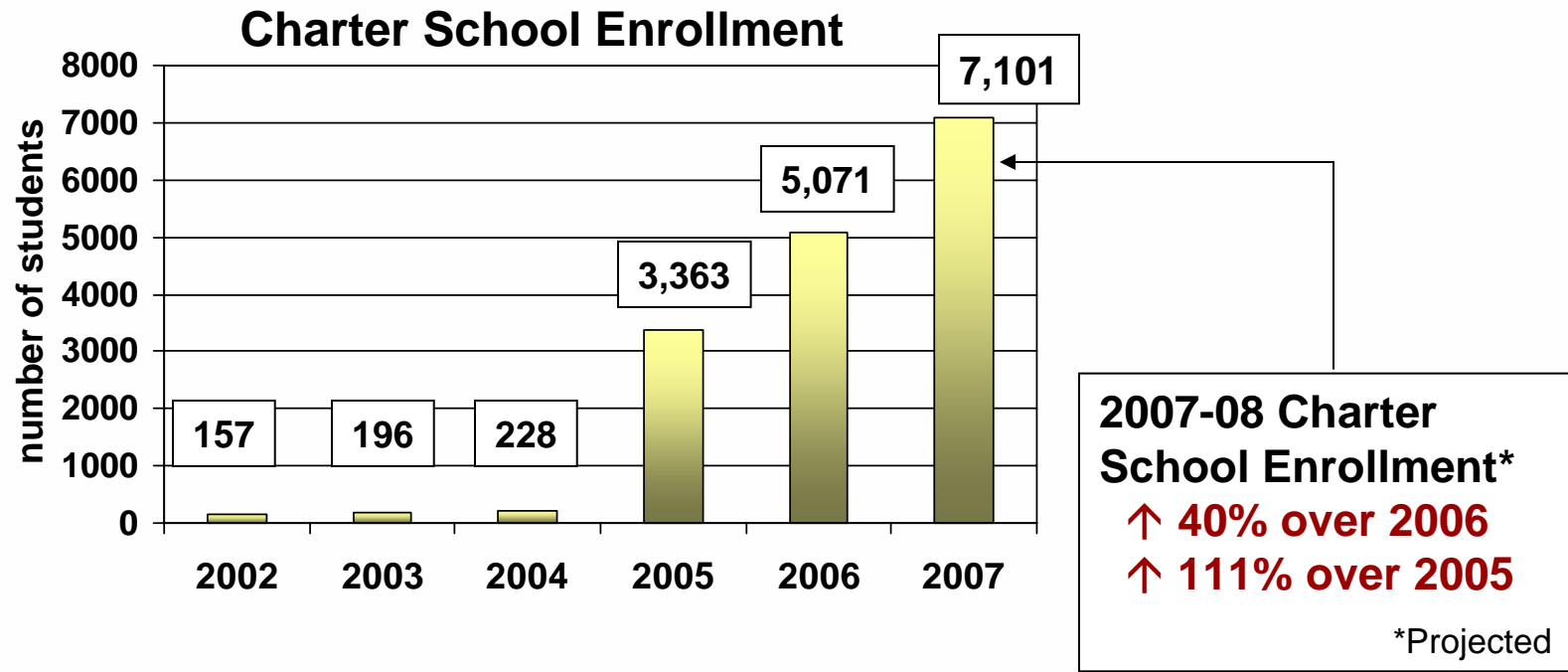
## #2 Recruiting Highly Qualified Teachers

### Expanding and streamlining pathways to certification

- Associate of Arts in Teaching (AAT)
- Alternative Preparation Programs
  - Troops to Teachers
  - Adjunct Teacher Corps
  - Transition to Teaching
- Teacher Academy of Maryland
- Streamlined Certification
- Enhanced Reciprocity

# #3 Enabling Innovative Schools & Programs

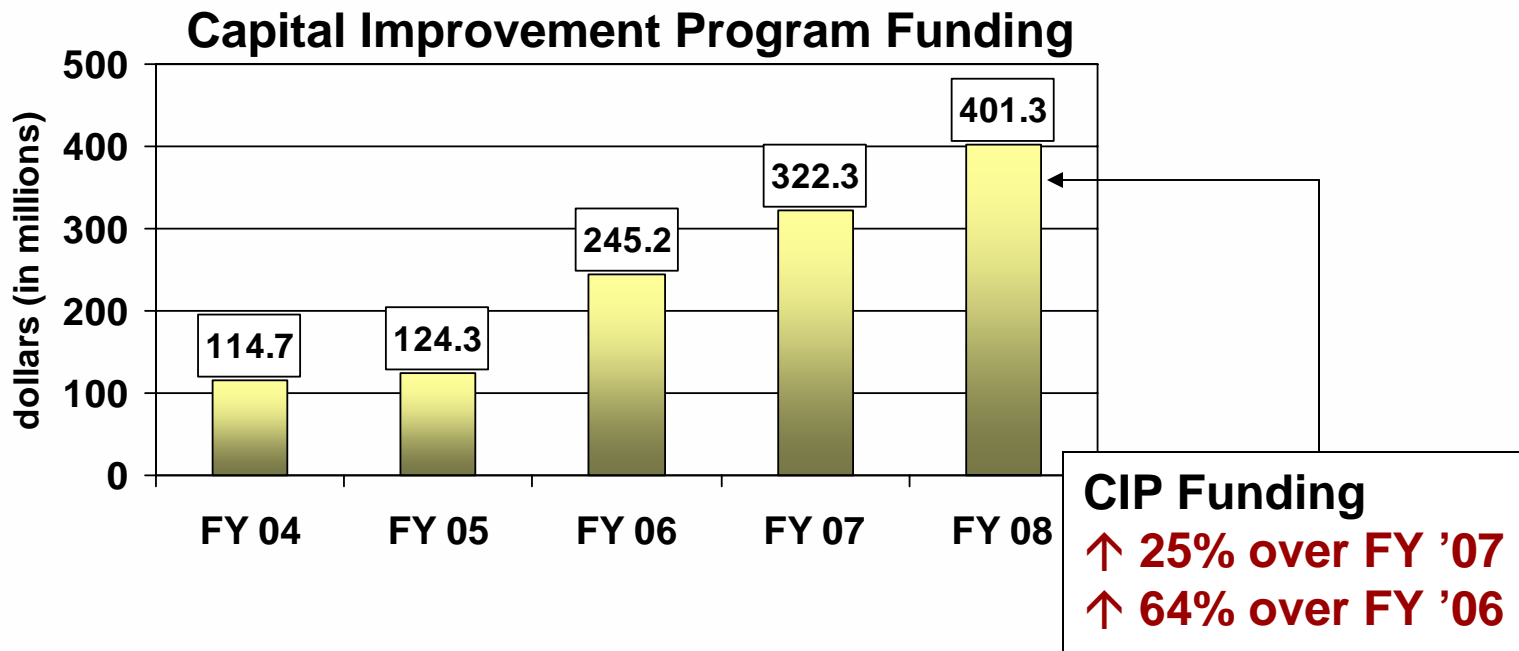
## Expanding public charter schools





# #4 Improving School Facilities

## Funding school construction



## #4 Improving School Facilities

# Funding school construction

- Funding Flexibility
- Impact Aid



## #5 Enhancing Articulation

# Aligning expectations, preK-16



- American Diploma Project
- Dual Enrollment



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