

Academic Performance

7th & 8th Grade Assessments, Regents Exams,

Advanced Placement Exams & Graduation Data

2009~2010

Administrative Team

**Bellmore~Merrick Central
High School District**

Opening of School / September 2010

Applause: 2009-10

It remains that more than 3/4 of our graduates earn an
Advanced Regents Diploma!

Regents Scores: 100% Passing
French and Italian

Regents Scores: More than 95% Passing
Spanish (99%), English (98%), Algebra (97%), Living Environment (97%),
United States History (97%)

Regents Scores: Passing above 90%
Earth Science (93%), Global History (93%), Geometry (91%), Physics (90%)

Mastery Rate increased
English, Algebra, French, Italian, Living Environment & United States History

Our highest scores ever achieved on these exams:

Math B- 89% passing with a mastery increase of 2%

Physics- 90% passing with a mastery increase of 12%

54 more students took Advanced Placement exams this year.

Approximately $\frac{3}{4}$ of all students taking A.P. exams score a “3 or more”

What happened to our Middle School Assessments?

Percent (%) of students scoring 3 or 4 (i.e. proficiency)

| Year | Math 7 | Math 8 | ELA 7 | ELA 8 |
|---------|--------|--------|-------|-------|
| '08-'09 | 96% | 93% | 93% | 91% |
| '09-'10 | 82% | 78% | 71% | 69% |

Change in percentage of students scoring **Level 2** (below proficiency) due to raising "cut scores"

| Year | Math 7 | Math 8 | ELA 7 | ELA 8 |
|---------|----------------------------|----------------------------|----------------------------|----------------------------|
| '08-'09 | 4% <i>36 students</i> | 6% <i>54 students</i> | 7% <i>70 students</i> | 9% <i>92 students</i> |
| '09-'10 | 16% <i>161 students</i> | 20% <i>202 students</i> | 26% <i>268 students</i> | 27% <i>275 students</i> |

The “cut score” (the Bar) was raised



FINISH LINE

Oops!

FINISH LINE

Nope!

FINISH LINE

Here

Percent (%) of students scoring 3 or 4 (i.e. proficiency)

| Year | Math 7 | Math 8 | ELA 7 | ELA 8 |
|---|------------|------------|------------|------------|
| '08-'09 | 96% | 93% | 93% | 91% |
| '09-'10 | 82% | 78% | 71% | 69% |
| If the <i>Cut Scores</i> had not been raised: | 95% | 95% | 92% | 79% |

Change in percentage of students scoring Level 2 (below proficiency) due to raising "cut scores"

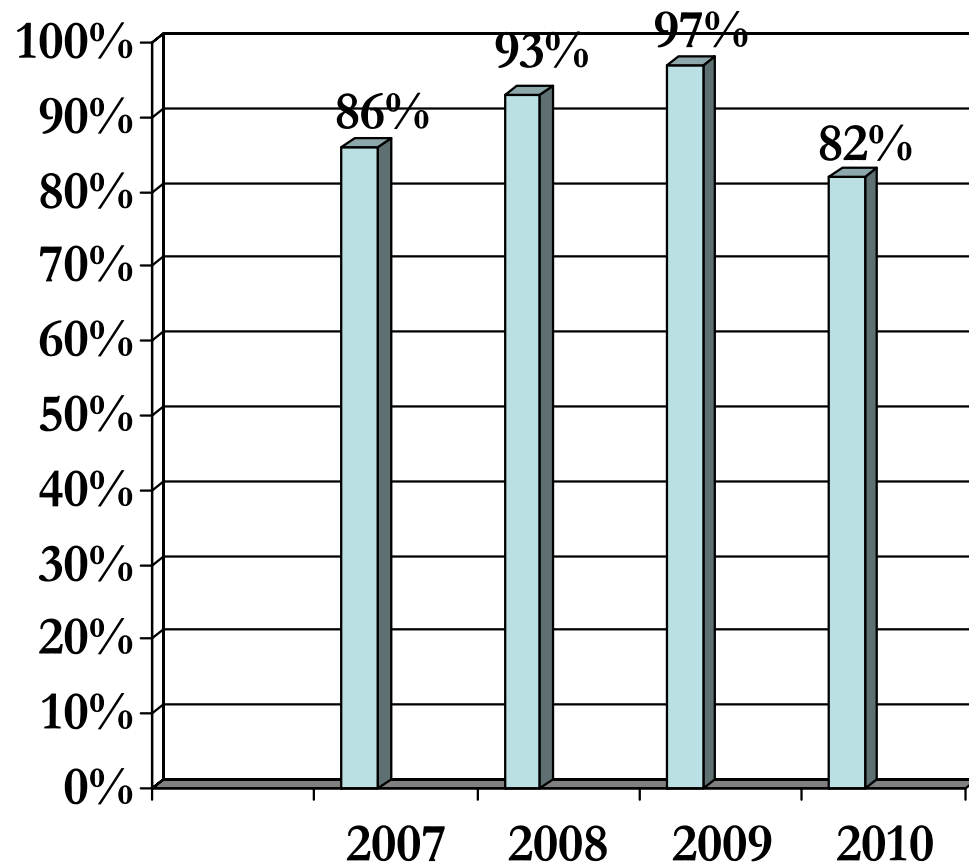
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| '09-'10 | 16% <i>161 students</i> | 20% <i>202 students</i> | 26% <i>268 students</i> | 27% <i>275 students</i> |
| If the <i>Cut Scores</i> had not been raised: | 4% <i>41 students</i> | 3% <i>32 students</i> | 19% <i>79 students</i> | 8% <i>194 students</i> |

Moving the “Finish Line”

- Commissioner Steiner raised the “cut score” because although students have been making steady upward progress on state exams, scores on national exams were flat. In addition, good state scores were not translating into college readiness.
- Except for ELA 8, our students performed as expected before the raise in the “cut score.”
- When the “cut score” was raised, our lower end “3s” became “2s.” For example, last year in **ELA 7** a score of 600-649 was a Level 2. This year, on a similar test, a score of 642-663 is a level 2. **This accounted for the jump from 70 students receiving a “2” to 268 students.**
- We will conduct an item analysis of the exam to determine where students lost points. We will then be able to shape instruction to address these areas in the curriculum for next year’s exams.
- In addition, we will disseminate among our teachers information from the State about the changes in exams as it is given to us. This will help to inform our curricular decisions.

7th Grade Math

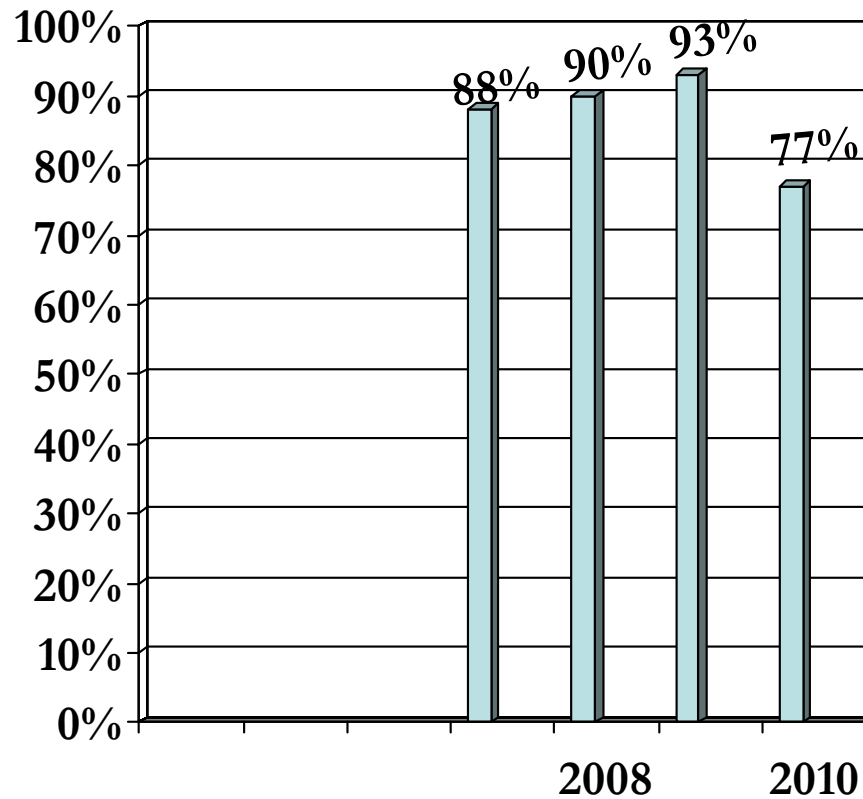
Percent Receiving Grades of 3 & 4



Nassau County: 77%

8th Grade Math

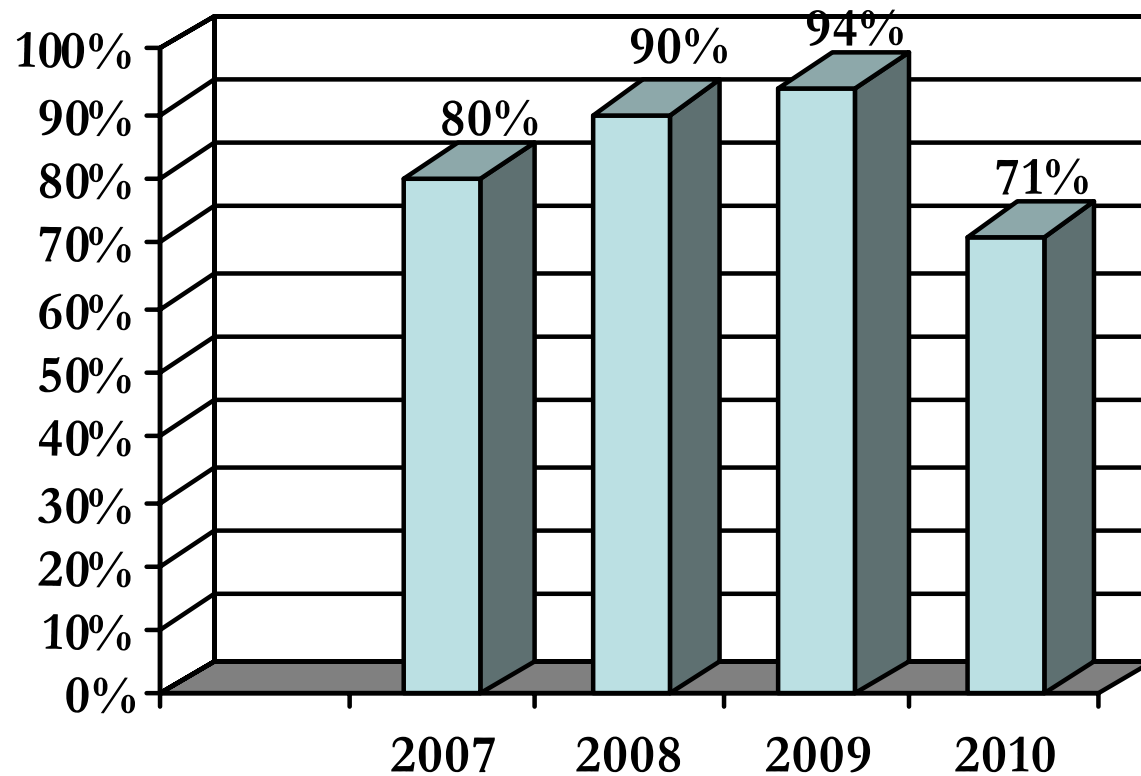
Percent Receiving Grades of 3 & 4



Nassau County: 70%

7th Grade ELA

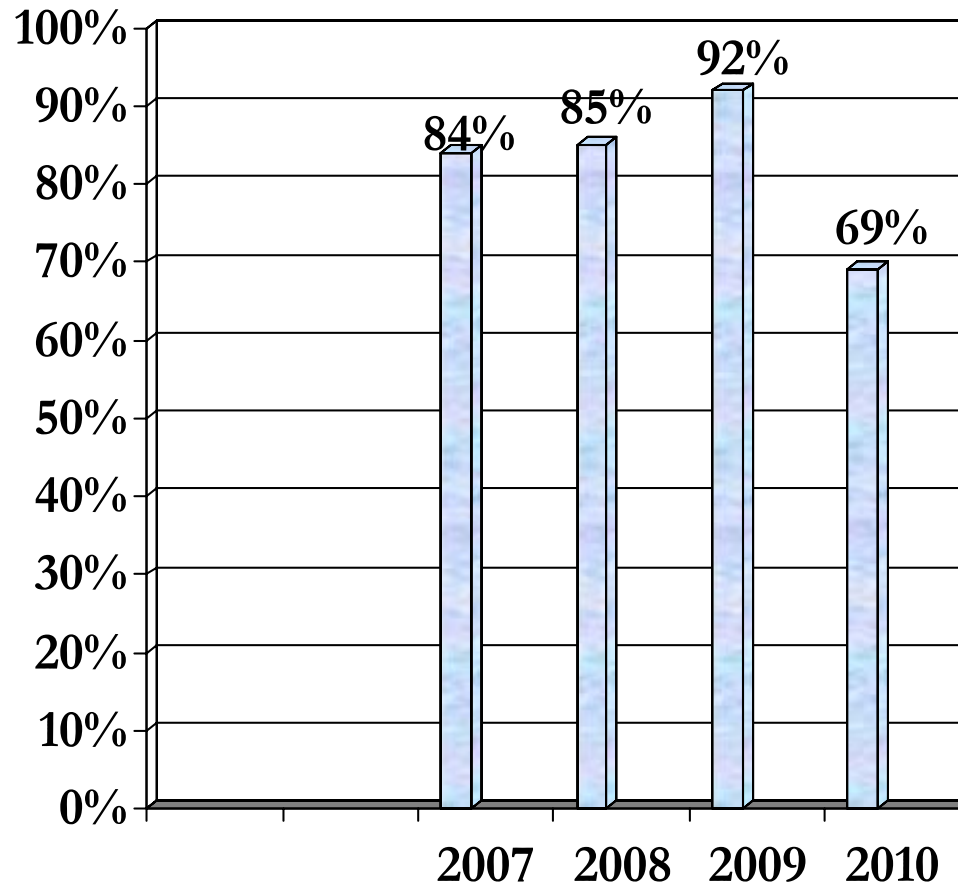
Percent Receiving Grades of 3 & 4



Nassau County: 67%

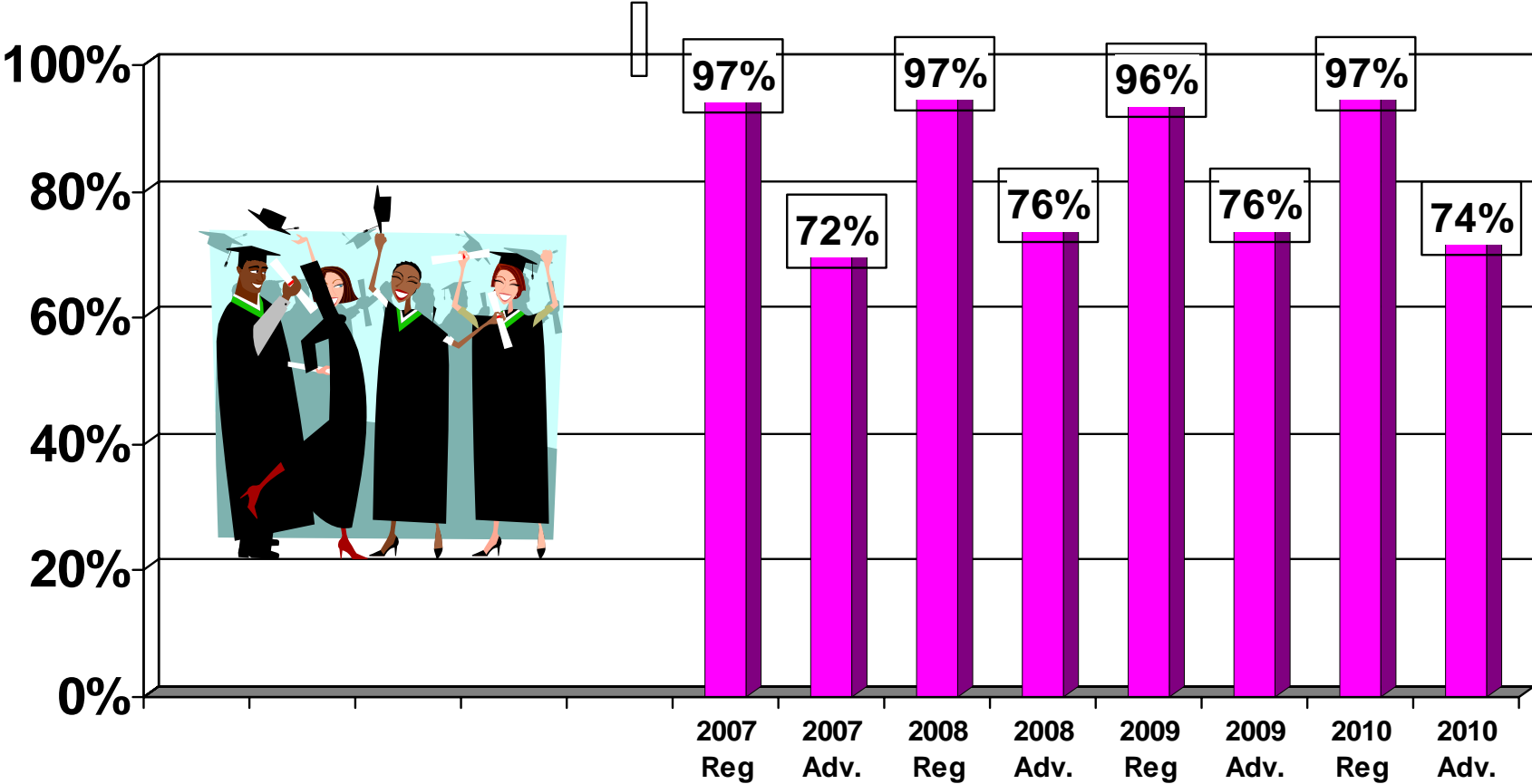
8th Grade ELA

Percent Receiving Grades of 3 & 4



Nassau County: 71%

District Regents Diploma Rate



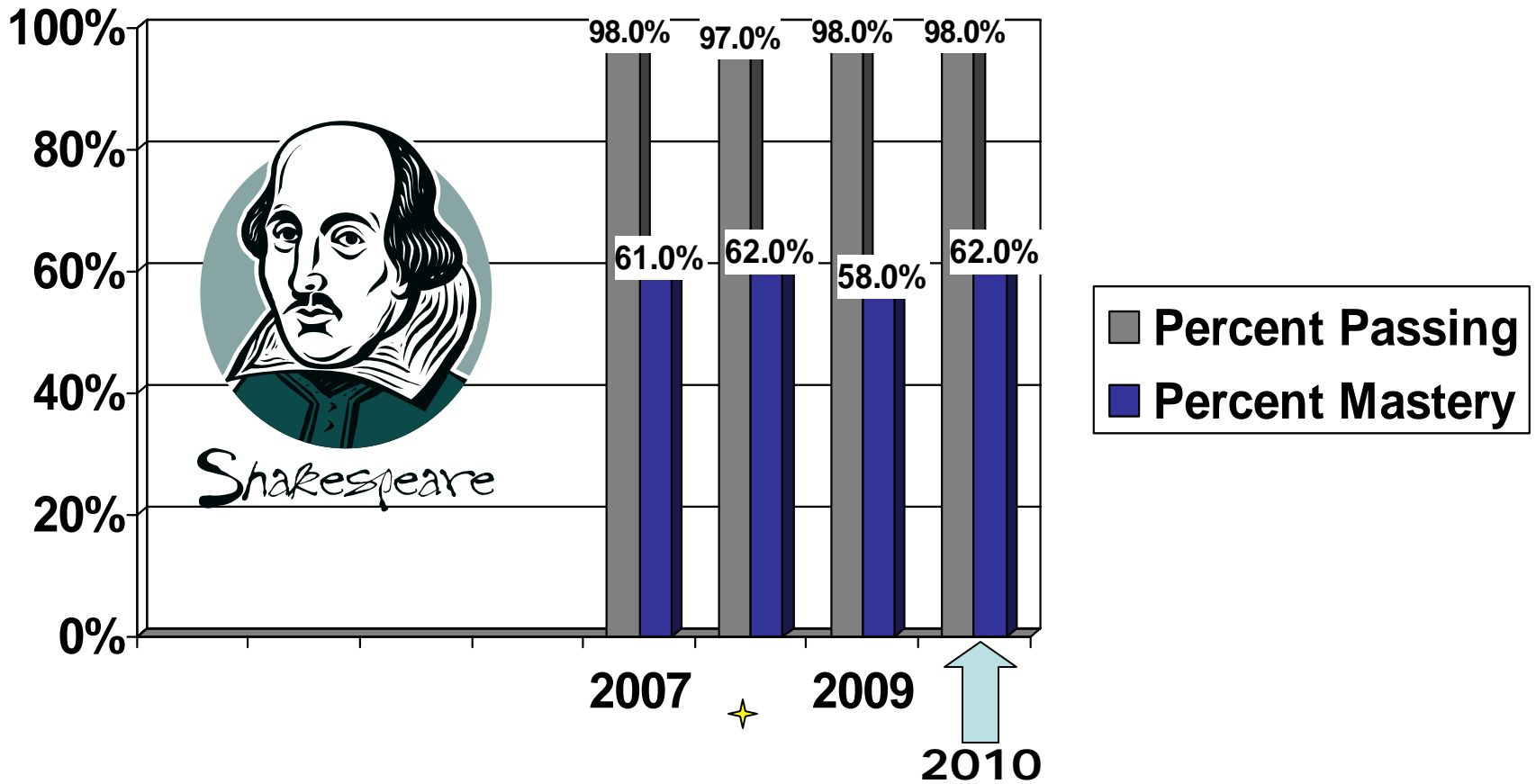
What do these numbers mean?

✓ 97% of 2010 graduates receiving **Regents Diplomas** means that 913 students out of 941 passed at least 5 Regents exams.

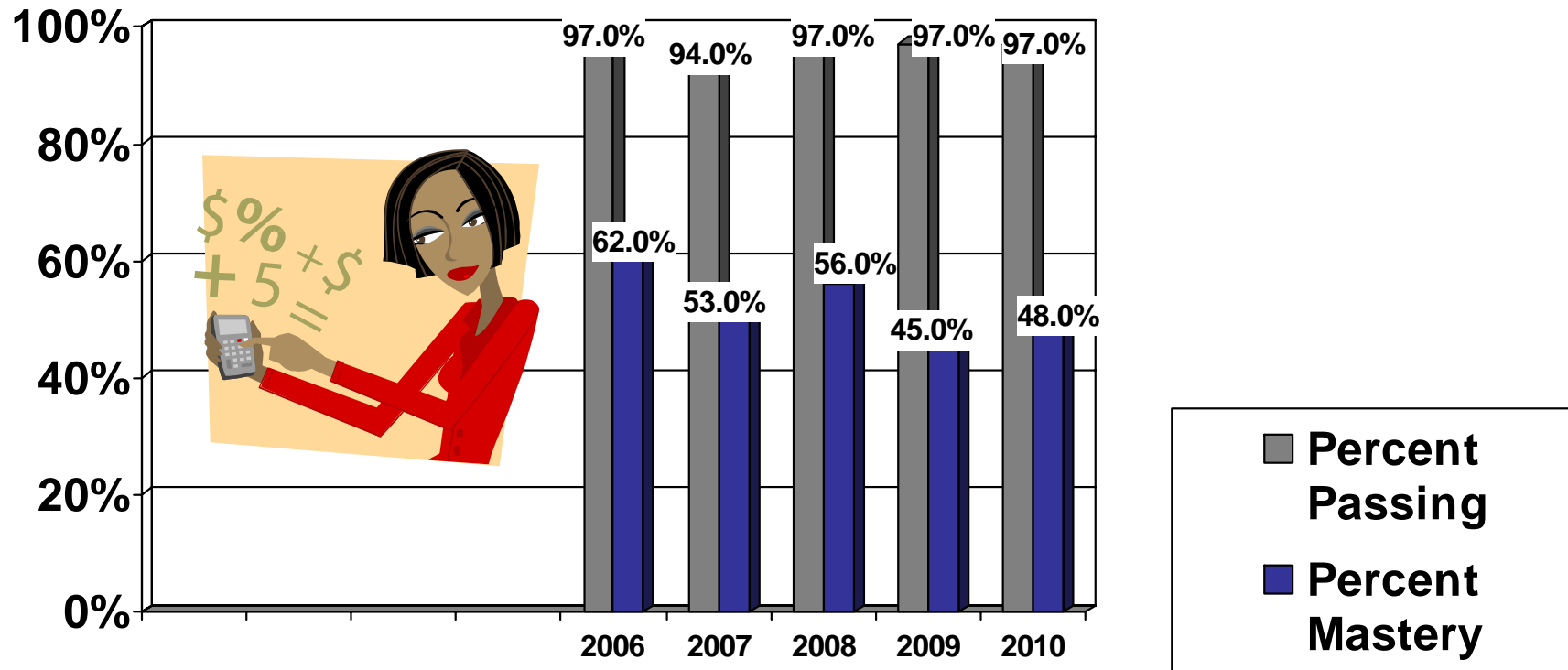
✓ 74% of 2010 graduates receiving **Regents Diplomas with Advanced Designation** means that 692 students out of 941 (or three-quarters) passed a minimum of 8 Regents exams.

*Regents
Exams*

English Regents

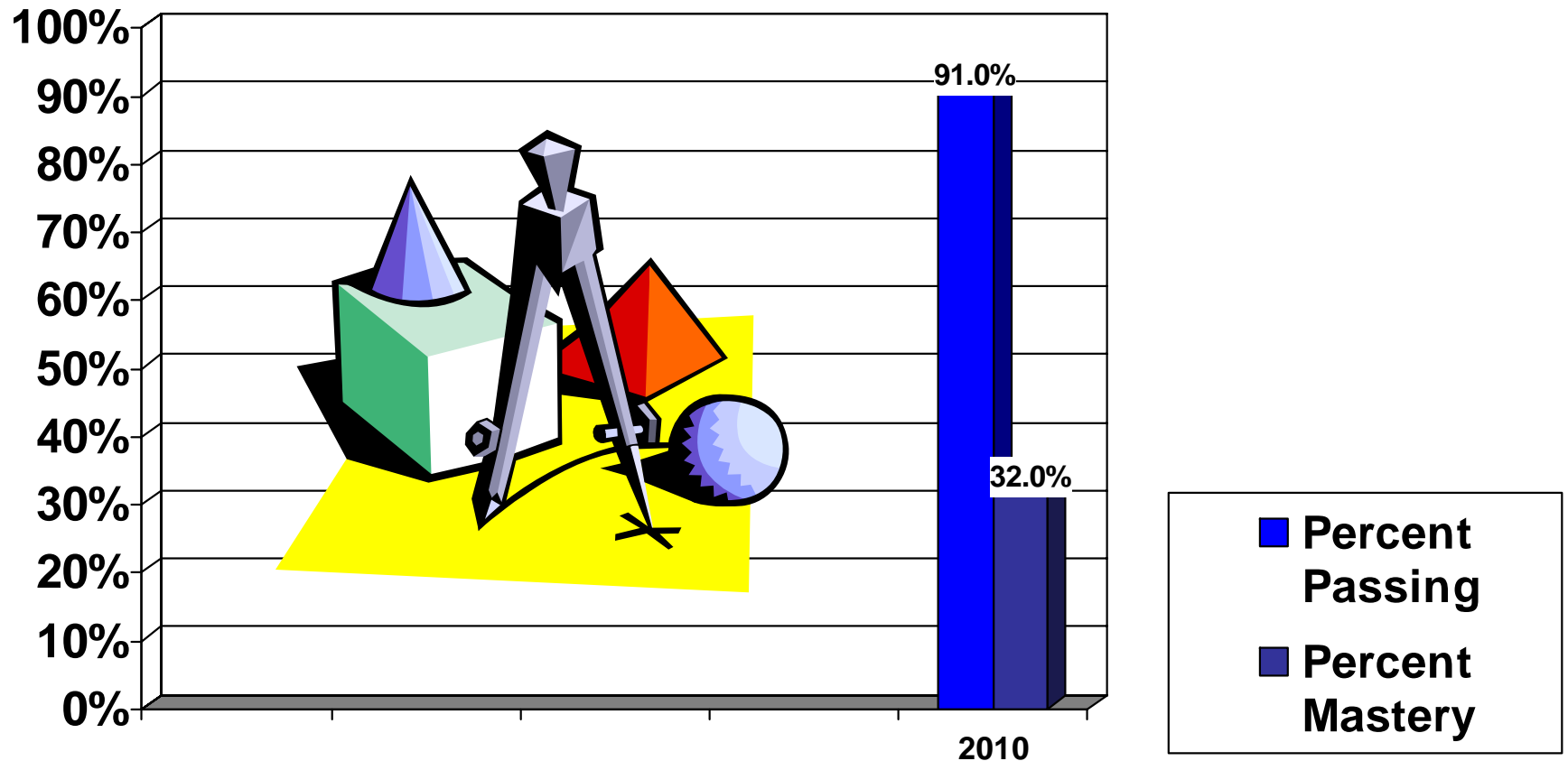


Integrated Algebra Regents



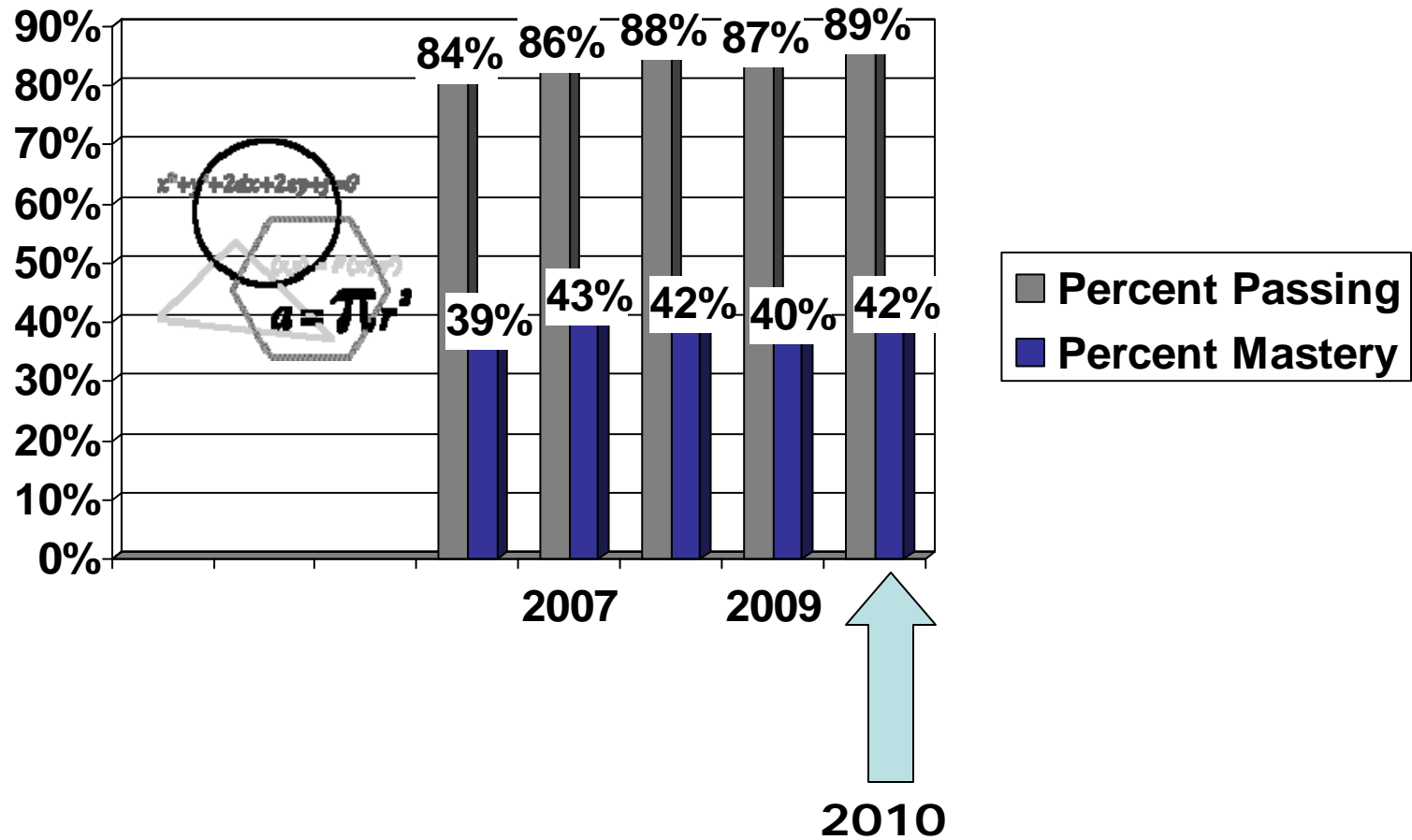
** Test in 2006, 2007 and 2008 was the Math A Regents*

Geometry Regents*

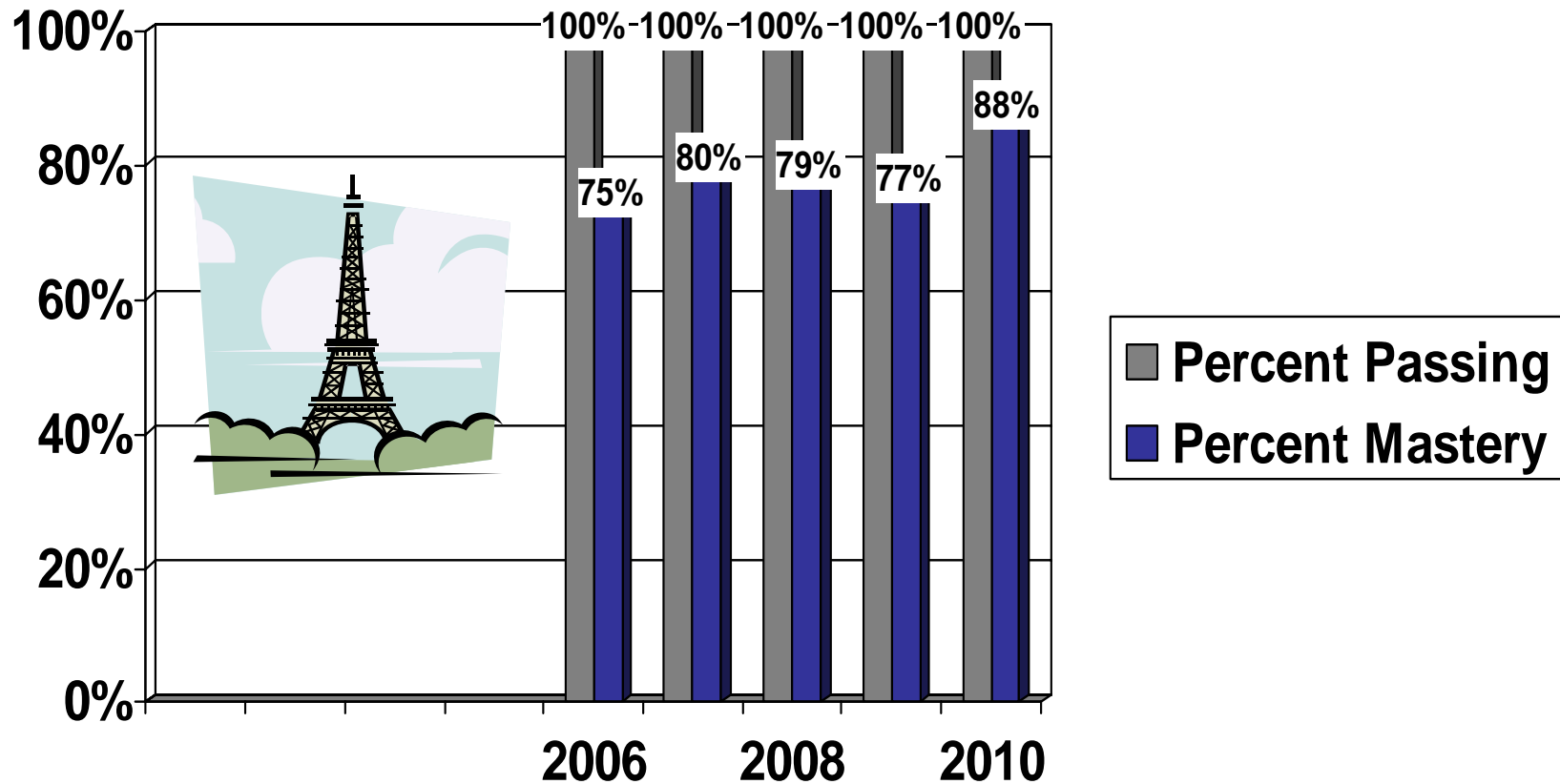


**** This the first year that the Geometry Regents was given.***

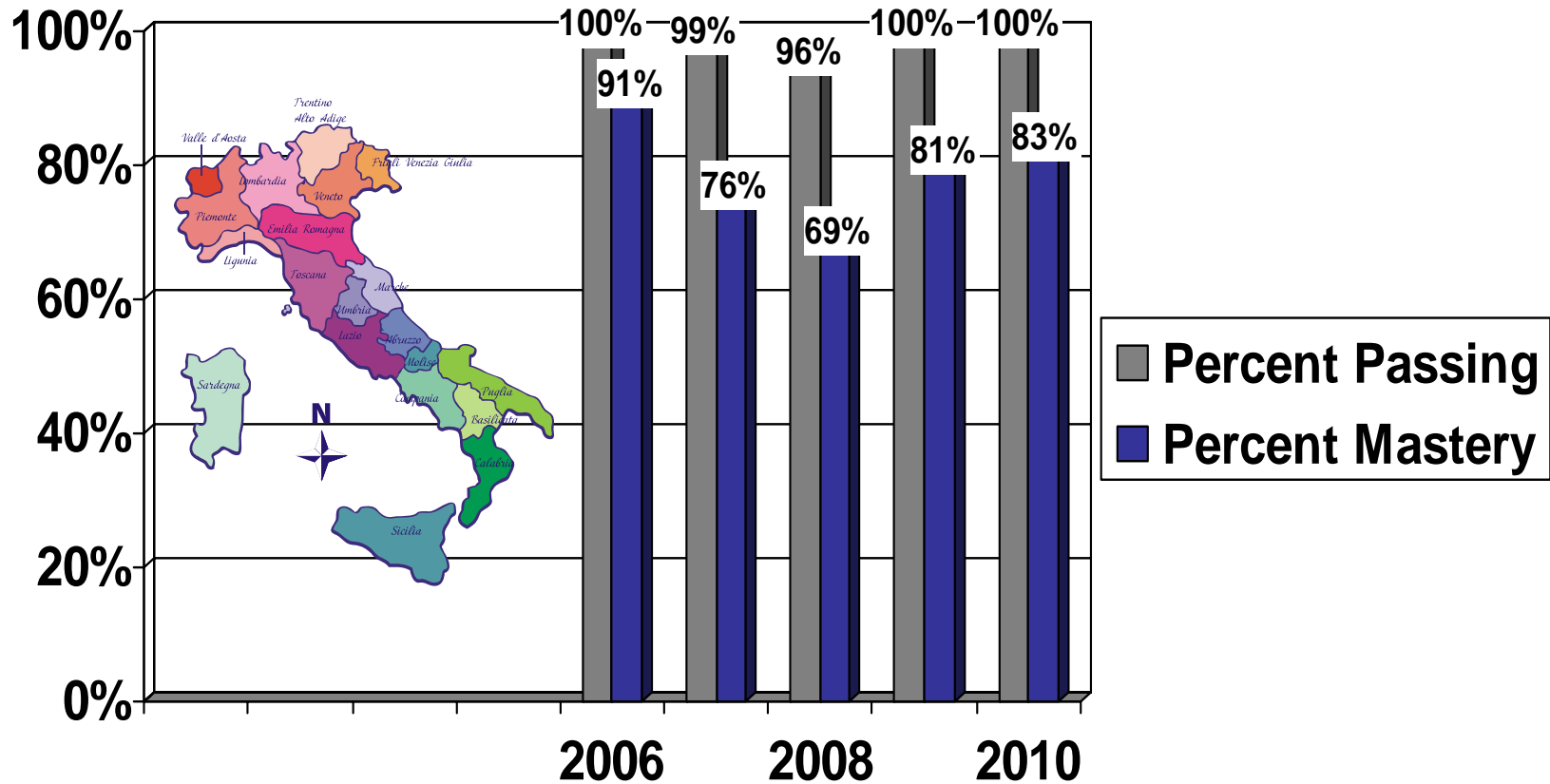
Math B Regents



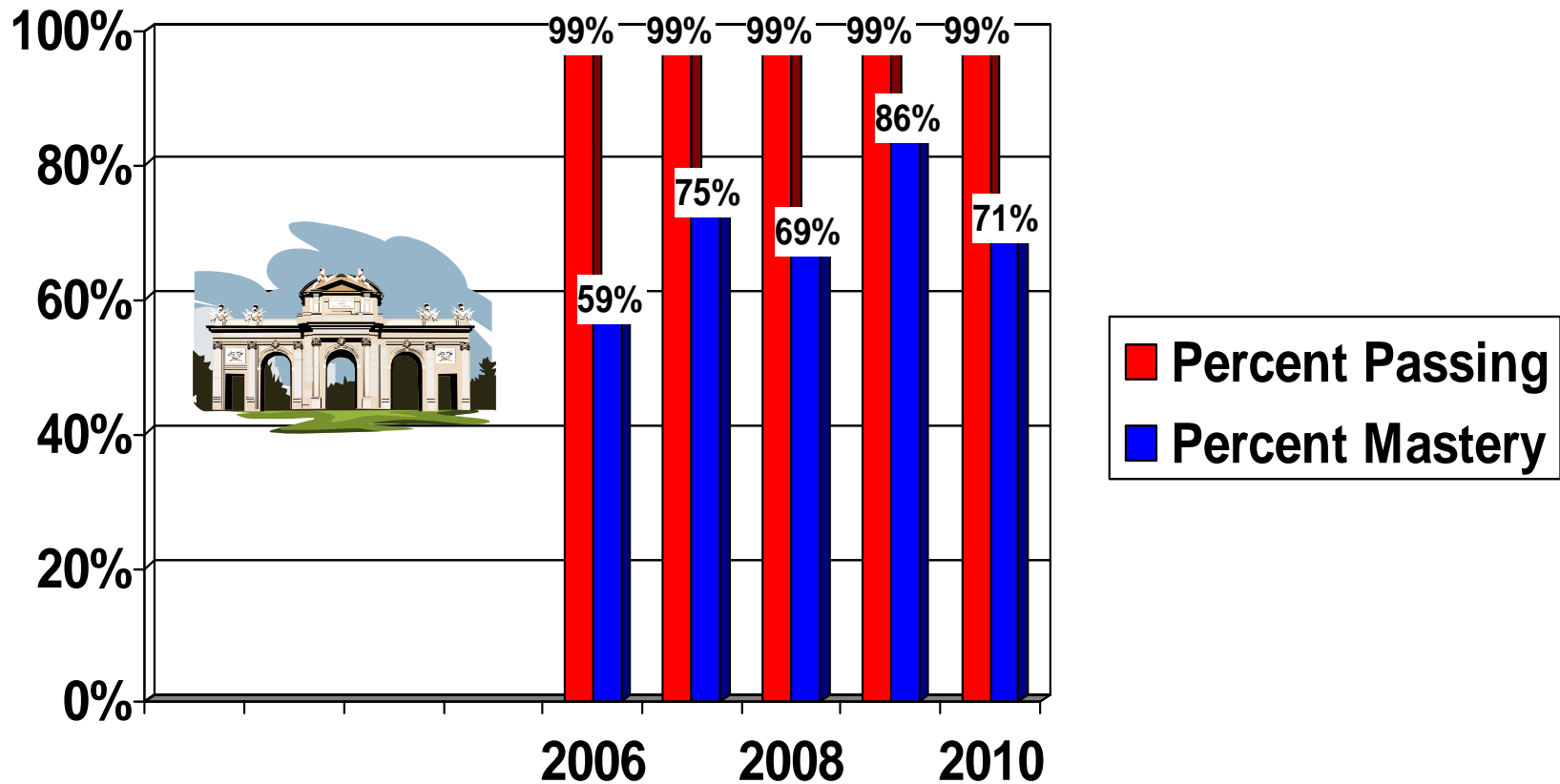
French Regents



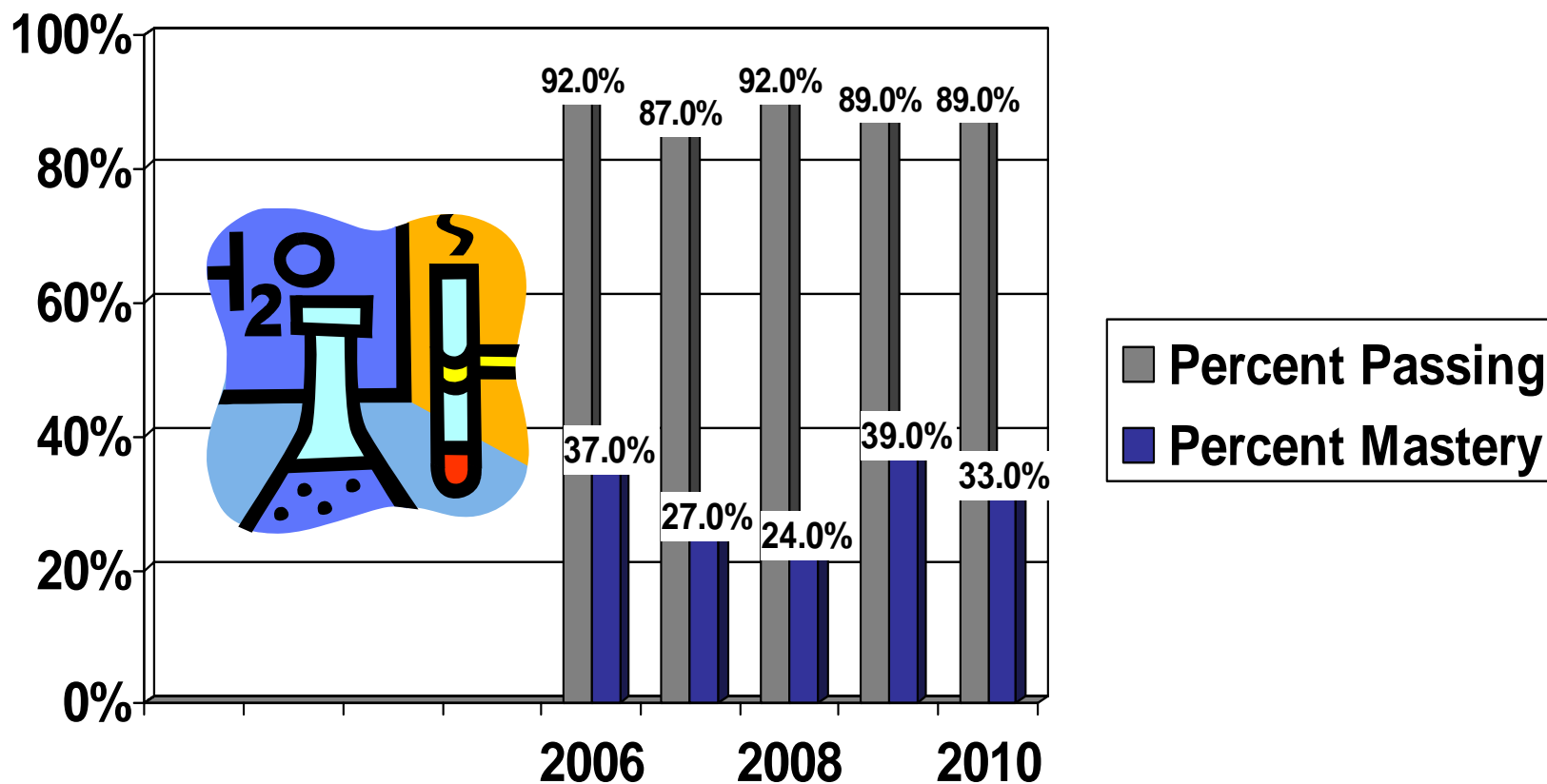
Italian Regents



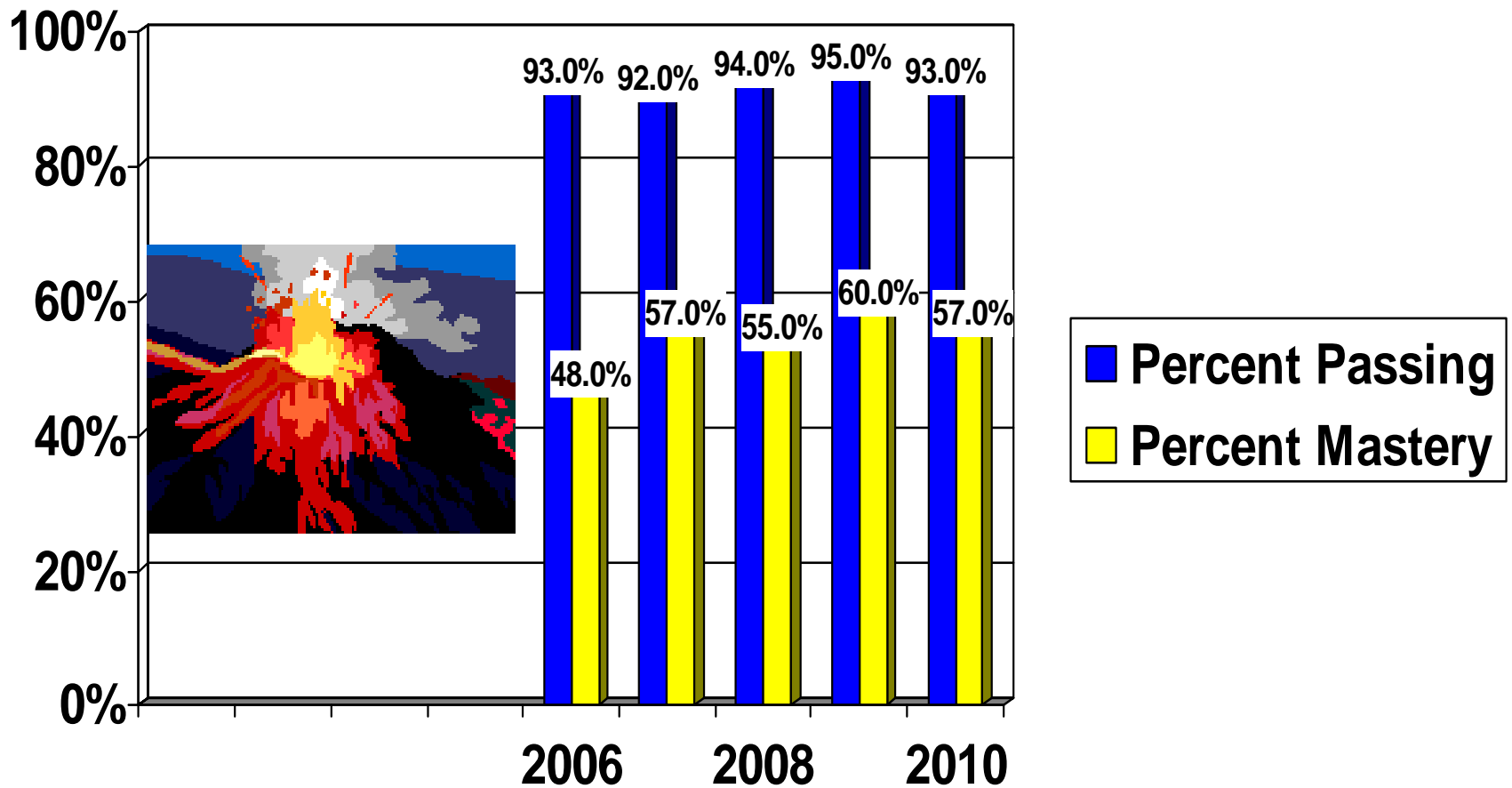
Spanish Regents



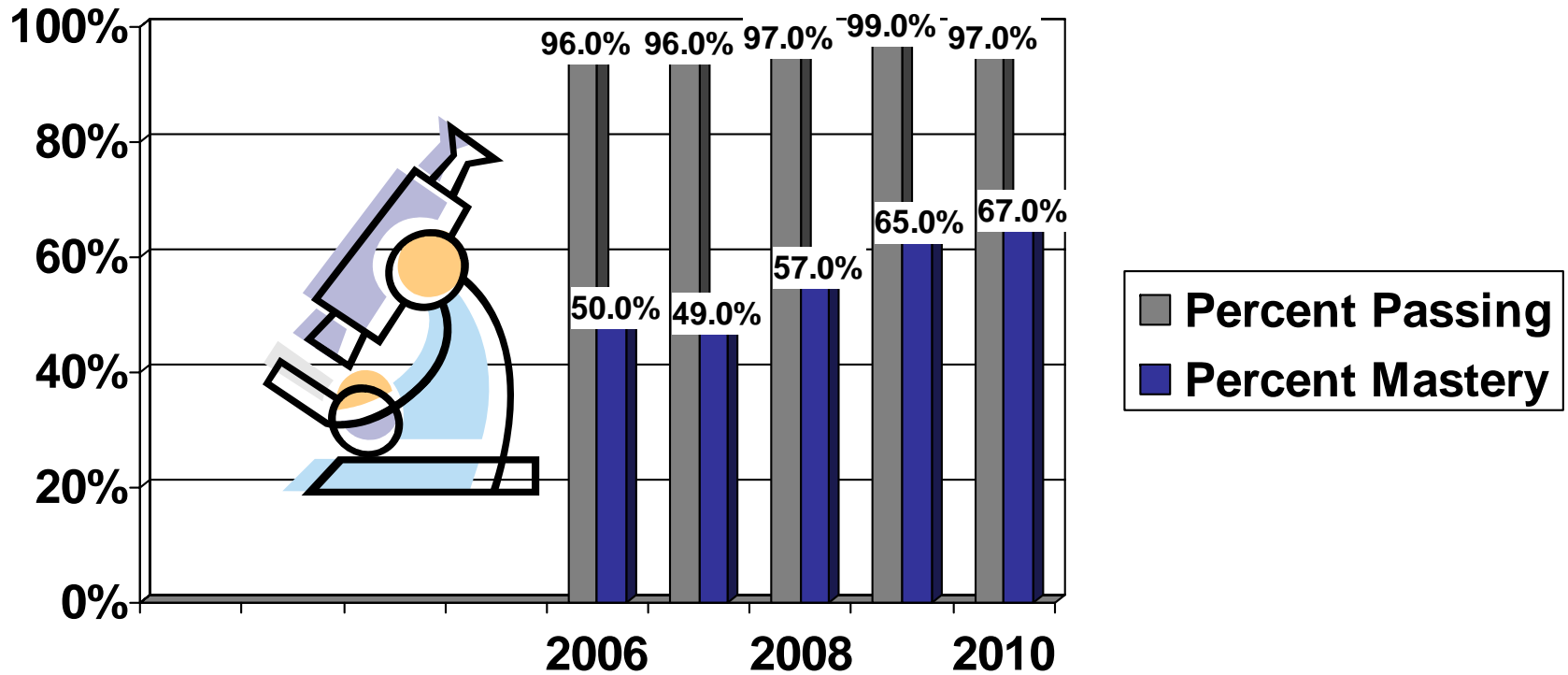
Chemistry Regents



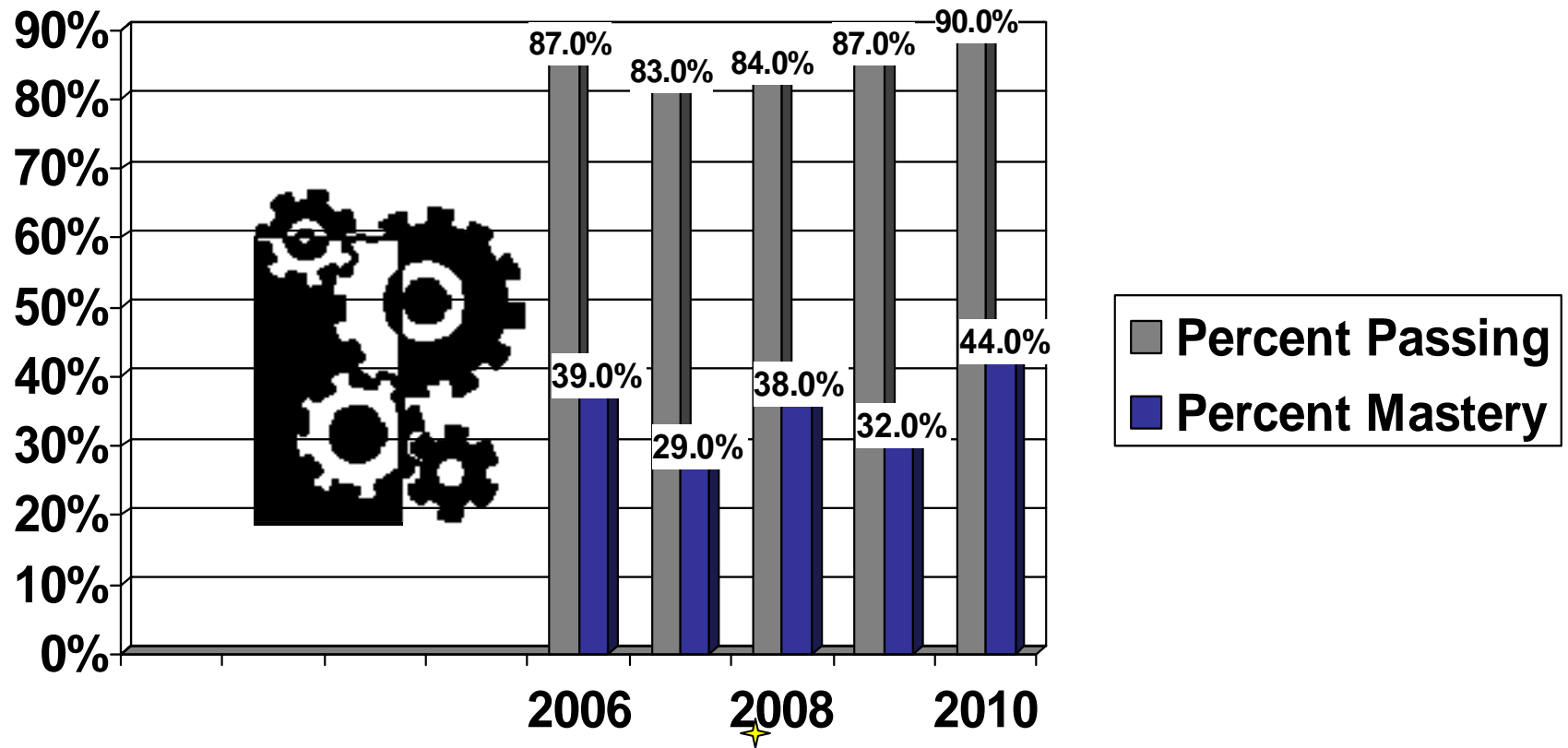
Earth Science Regents



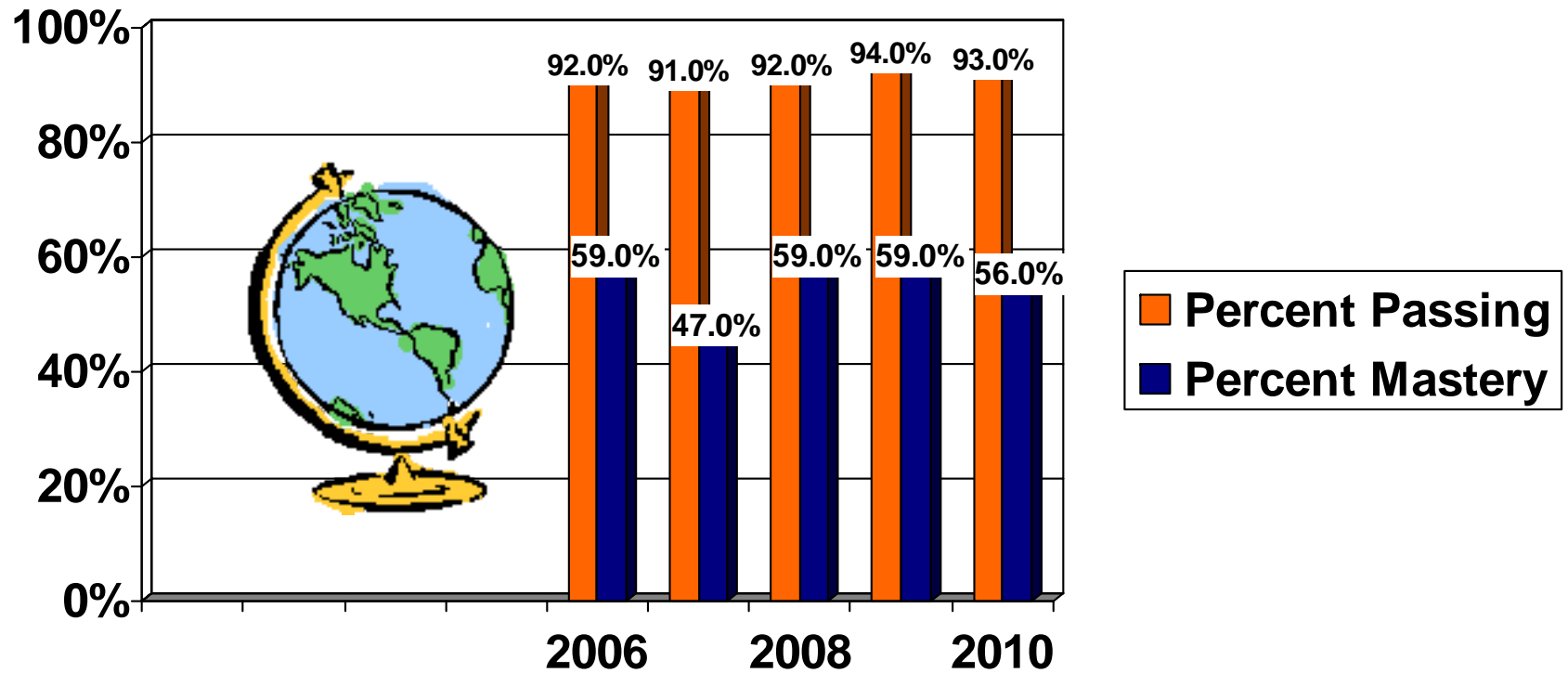
Living Environment Regents



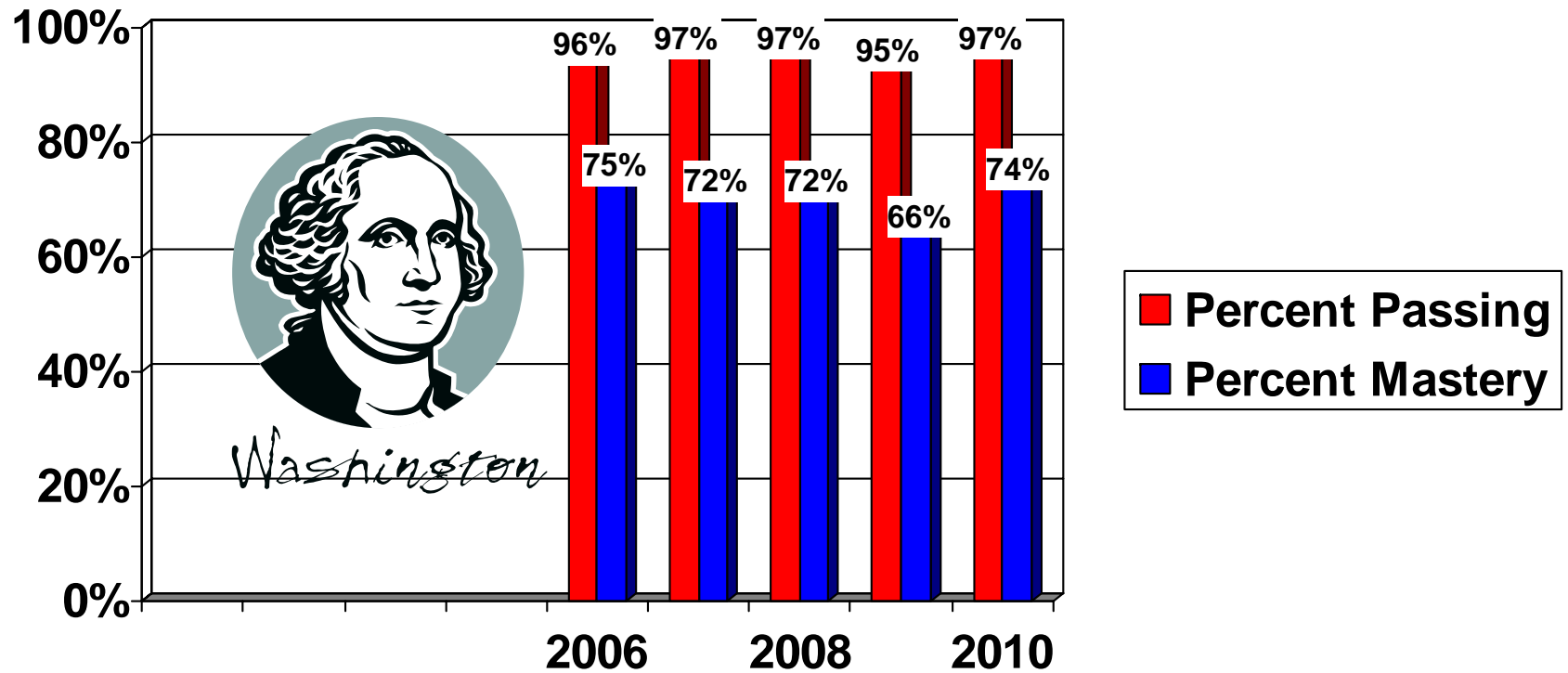
Physics Regents



Global History Regents



United States History Regents

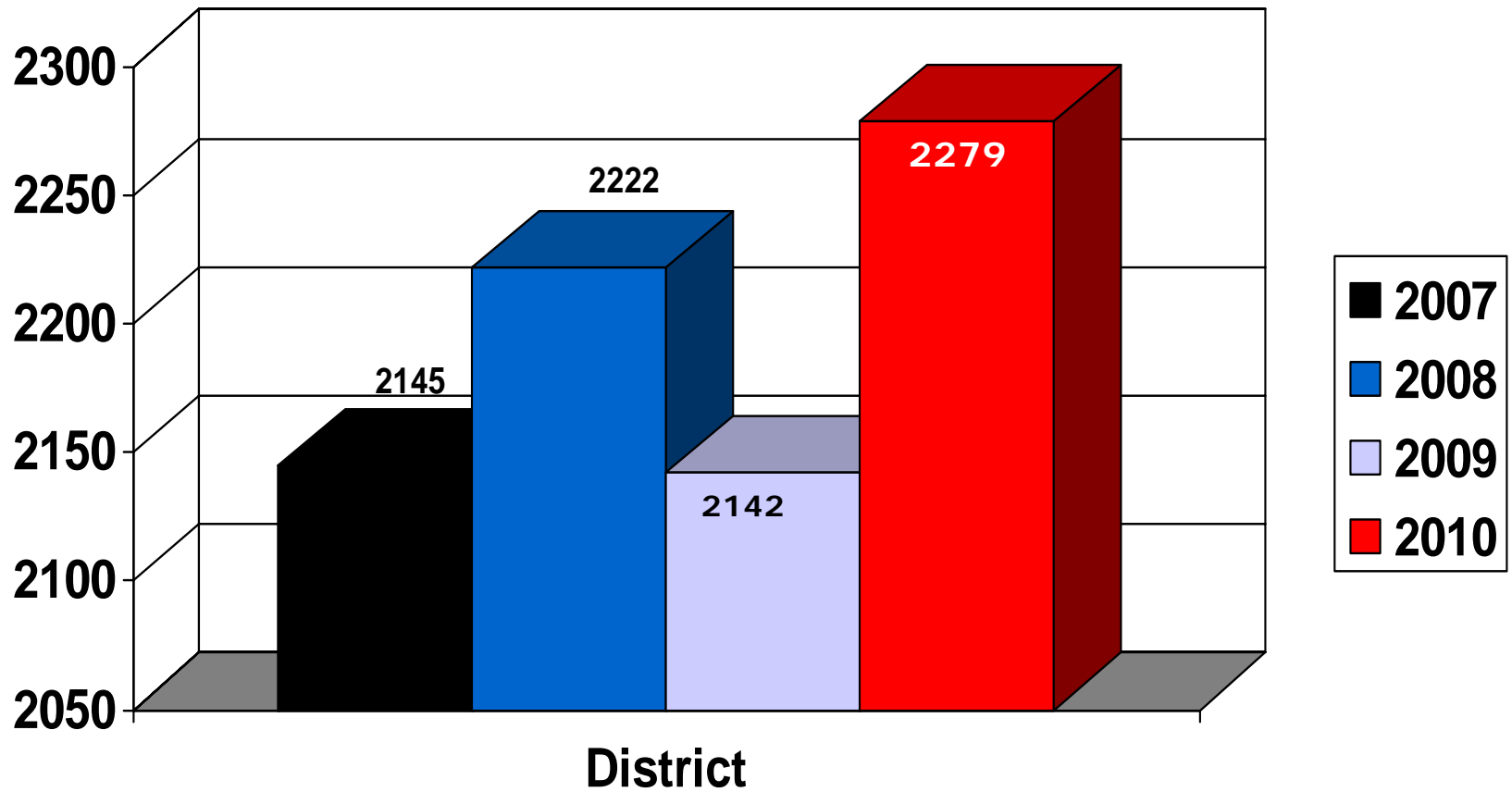


2009-10

Advanced Placement
Exams:

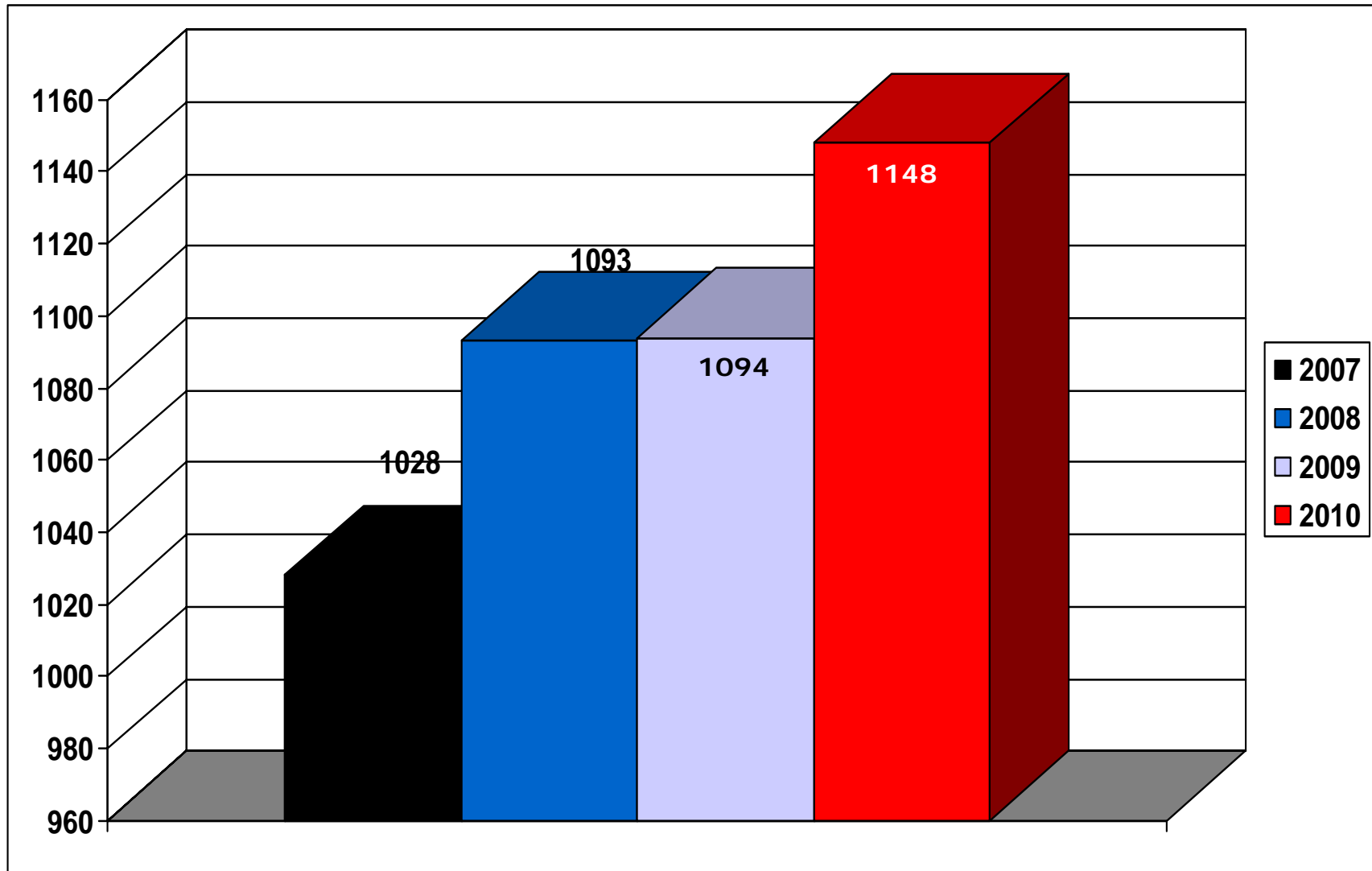
A District Overview

AP Exams: *Total Number of Exams Taken*



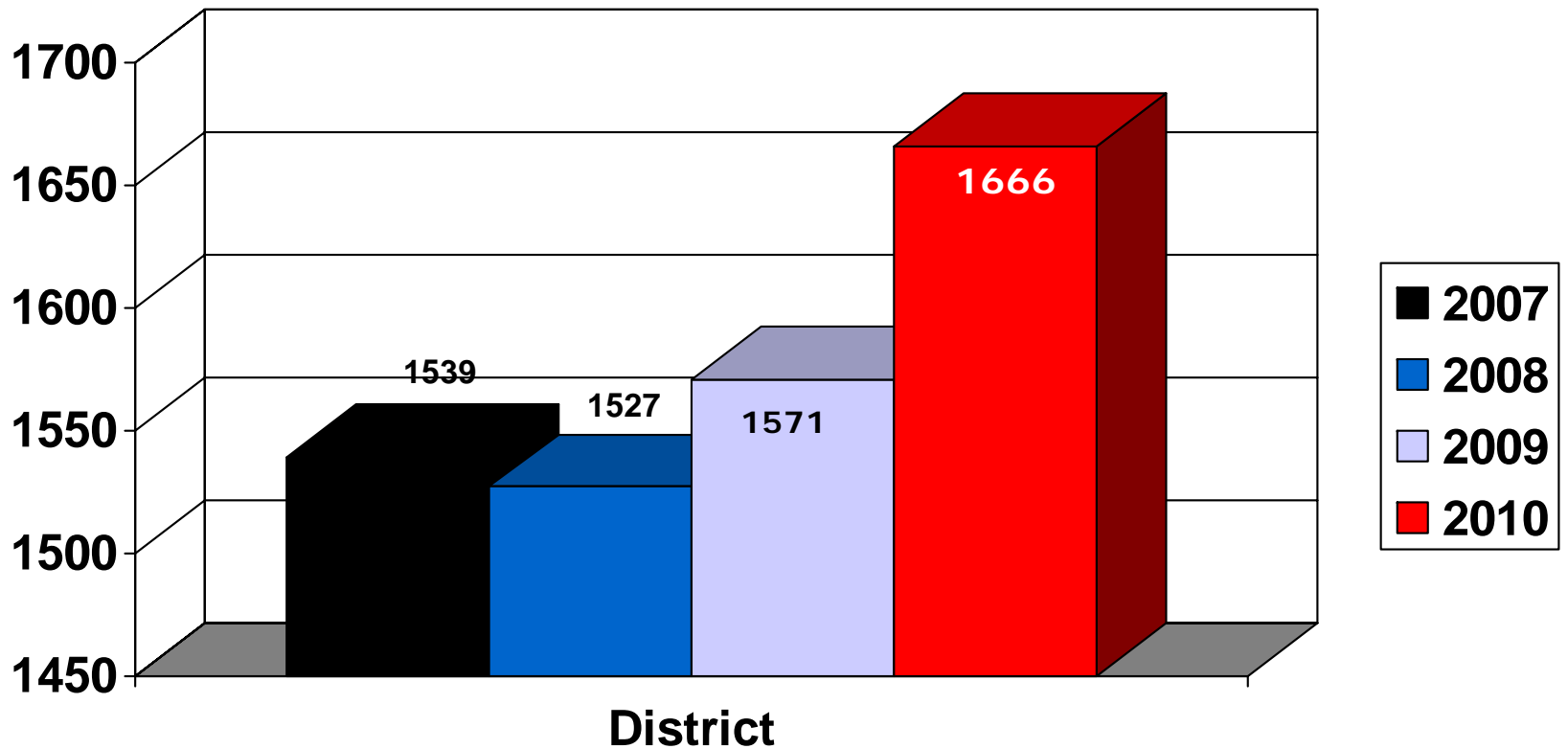
AP Exams:

Total Number of Unduplicated Students



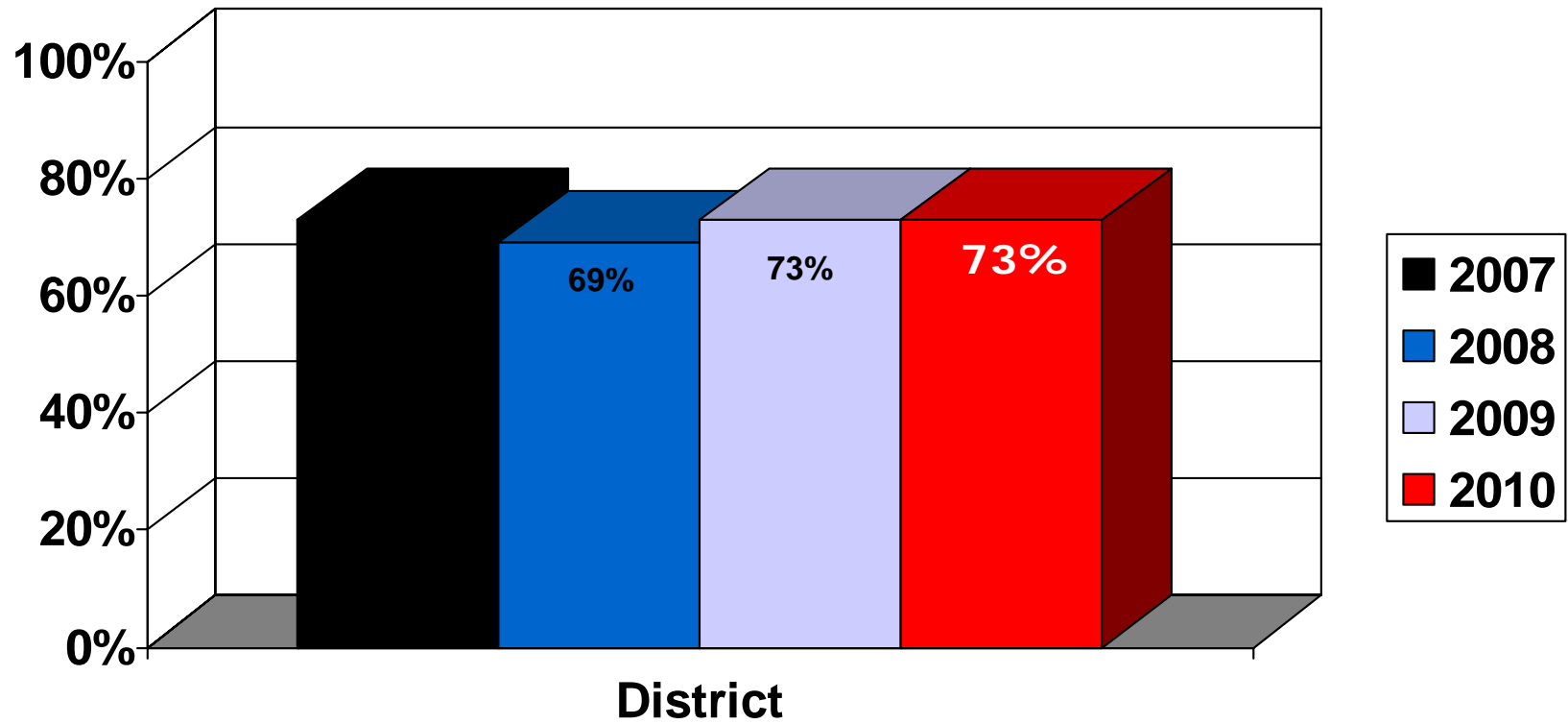
AP Exams:

Number Receiving Grades of Three or More



AP Exams:

Percent Receiving Grades of Three or More



***Our Challenge always remains
To get even more students to achieve at
even higher levels...***

Continued improvement is enabled by incorporating

- Understanding by Design
- Differentiated Instruction
 - 21st Century Skills
- Data to inform instruction
- Middle School Social/Emotional Learning
 - Middle School Teaming
- Lesson & Unit Study techniques
 - Curriculum Mapping

A Parting Thought...

*“Not everything that can be counted, counts;
Not everything that counts, can be counted.”*

~~ALBERT EINSTEIN

