

The Washington State Board of Education

Governance | Achievement | High School and College Preparation | Math & Science | Effective Workforce

Title:	OSPI Briefing on 2011 State Assessment Results and Adequate Yearly Progress (AYP)	
As Related To:	<input type="checkbox"/> Goal One: Advocacy for an effective, accountable governance structure for public education <input checked="" type="checkbox"/> Goal Two: Policy leadership for closing the academic achievement gap <input type="checkbox"/> Goal Three: Policy leadership to increase Washington's student enrollment and success in secondary and postsecondary education	<input checked="" type="checkbox"/> Goal Four: Effective strategies to make Washington's students nationally and internationally competitive in math and science <input type="checkbox"/> Goal Five: Advocacy for policies to develop the most highly effective K-12 teacher and leader workforce in the nation <input type="checkbox"/> Other
Relevant To Board Roles:	<input type="checkbox"/> Policy Leadership <input checked="" type="checkbox"/> System Oversight <input type="checkbox"/> Advocacy	<input type="checkbox"/> Communication <input type="checkbox"/> Convening and Facilitating
Policy Considerations / Key Questions:	This is the first year that assessment results have been determined by new SBE-approved cut scores for the 5 th and 8 th grade science Measurement of Student Progress and mathematics year one and two End-of-Course assessments.	
Possible Board Action:	<input checked="" type="checkbox"/> Review <input type="checkbox"/> Adopt <input type="checkbox"/> Approve <input type="checkbox"/> Other	
Materials Included in Packet:	<input type="checkbox"/> Memo <input type="checkbox"/> Graphs / Graphics <input checked="" type="checkbox"/> Third-Party Materials <input type="checkbox"/> PowerPoint	
Synopsis:	OSPI staff will present the recently released statewide Measurement of Student Progress and End-of-Course assessment results as well as an update on school and district Adequate Yearly Progress.	

State Testing Overview

for
State Board of Education
September 15, 2011

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Asst. Supt., Assessment & Student Information
Alan Burke, Ed.D.
Deputy Superintendent



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Topics for today's discussion

- ▶ Spring 2011 Assessment Results
- ▶ Adequate Yearly Progress Results
- ▶ Upcoming Assessment Activities 2011-12
- ▶ Graduation Rates
- ▶ Questions



New assessments for new learning standards

- ▶ **2008-09:** New elementary & middle school math standards
 - ▶ First assessed on the math MSP in spring 2010
- ▶ **2009-10:** New high school math standards
 - ▶ First assessed on math EOCs in spring 2011
- ▶ **2009-10:** New K-12 science standards
 - ▶ Elementary and middle school standards to be first assessed on science MSP in spring 2011
 - ▶ High school standards to first be assessed on the biology EOC in spring 2012



State testing – Spring 2011

- ▶ 2nd year of new math standards in grades 3-8
- ▶ 2nd year of shorter tests in reading, math, science (not writing)
- ▶ First year of end-of-course math exams
- ▶ Expanded online testing to grades 4-5 in reading and math and grades 5 and 8 in science



2011 MSP/HSPE Results

Difference in percent meeting standards, 2010 to 2011

	Reading	Math	Writing	Science
Grade 3	↑ 1.0	-0.3		
Grade 4	0.1	↑ 5.6	0.3	
Grade 5	↓ -2.0	↑ 7.6		↑ 21.6*
Grade 6	↑ 6.0	↑ 6.9		
Grade 7	↓ -7.0	↑ 1.6	0.7	
Grade 8	-0.8	↓ -1.3		↑ 7.0*
Grade 10	↑ 3.4	EOCs	0.0	↑ 4.6

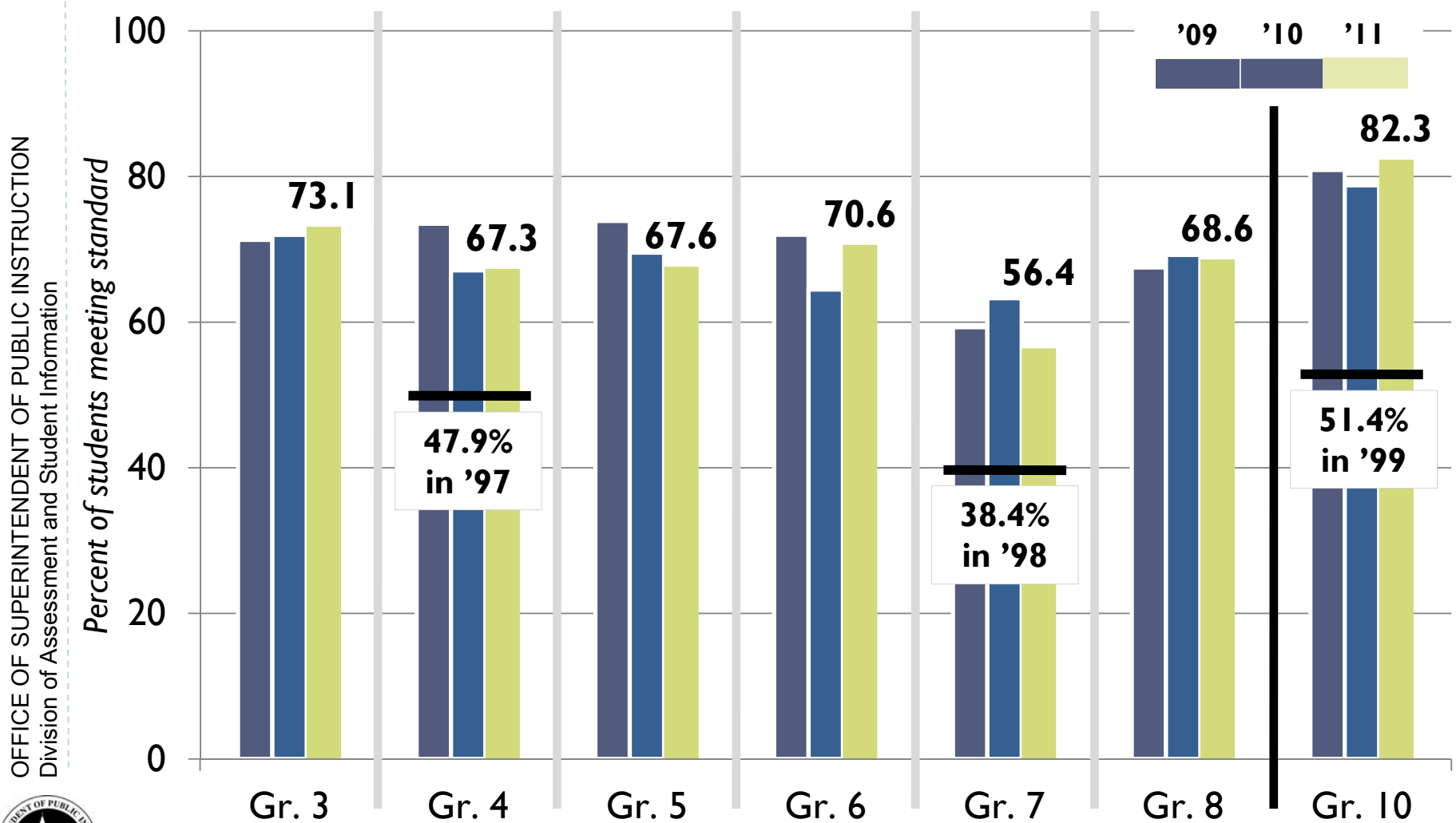
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* New science standards tested in grades 5 and 8

Reading MSP/HSPE: Grades 3-8 and 10

Percent of students meeting standard

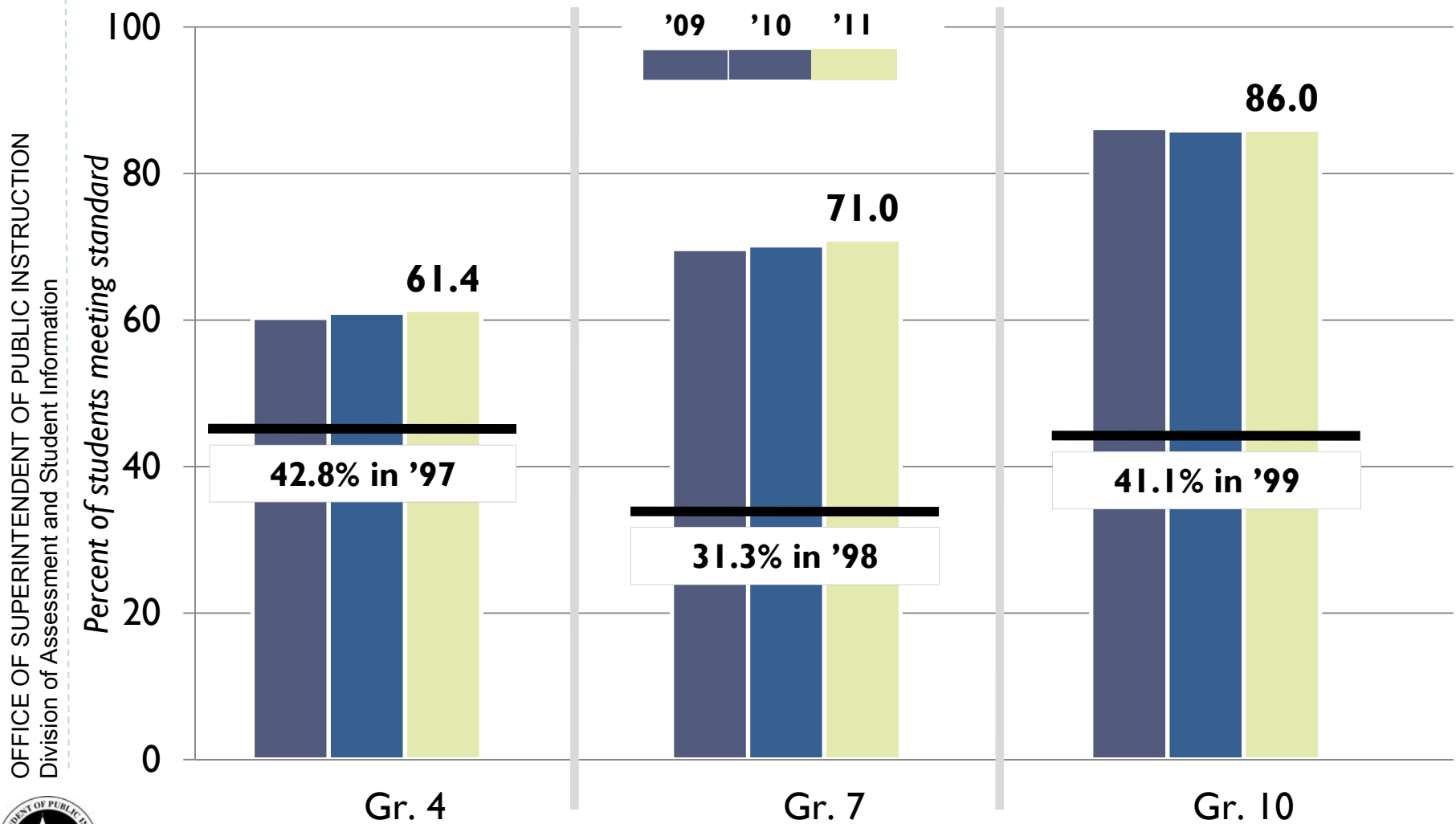


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Writing MSP/HSPE: Grades 4,7 and 10

Percent of students meeting standard

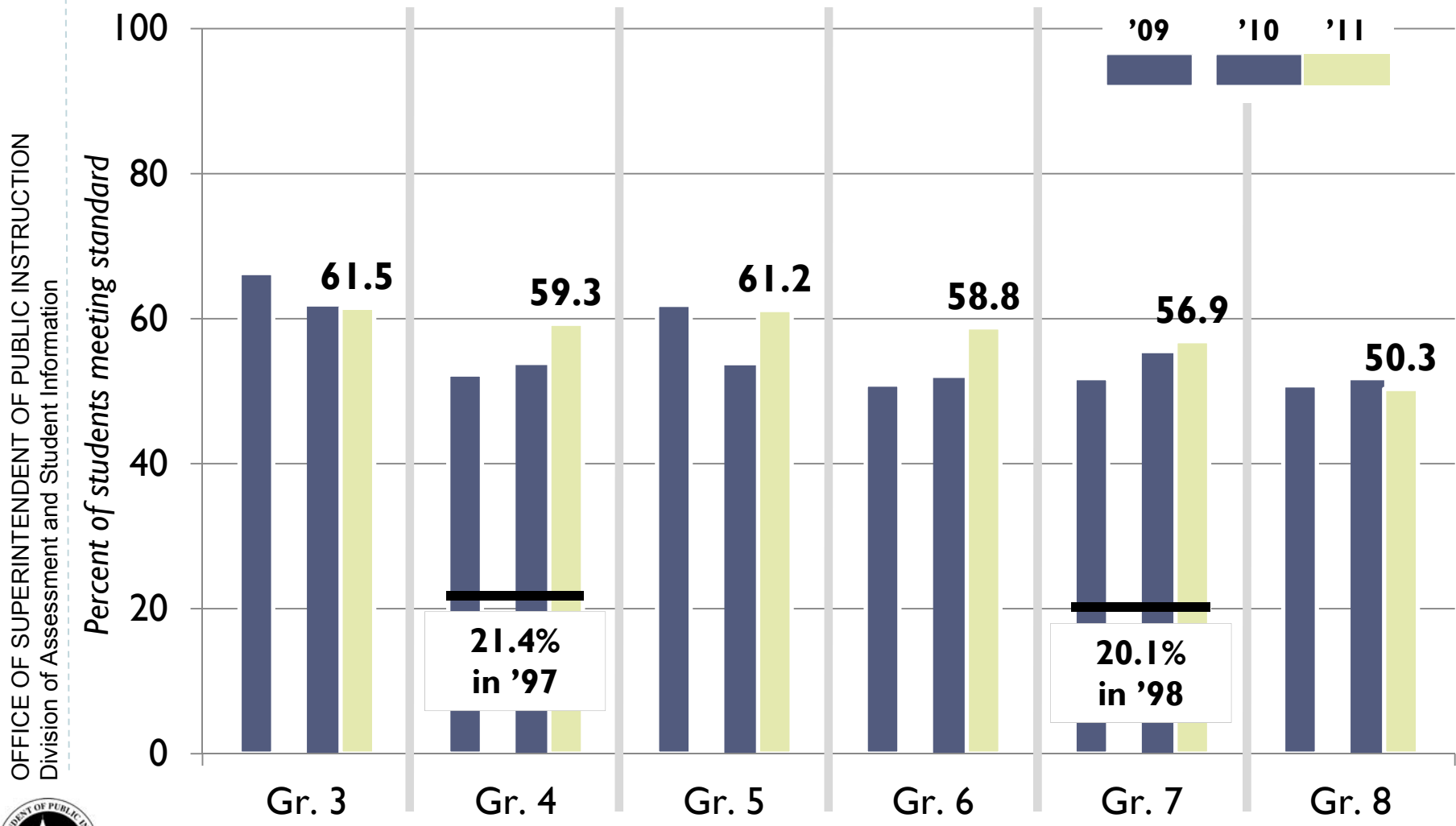


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Math MSP: Grades 3-8

Percent of students meeting standard



High school math testing changes

- ▶ In Spring 2011, students took end-of-course exams in algebra I and geometry
- ▶ 2011 results set new baseline for math EOCs
- ▶ Comparisons to previous years are inevitable, but not apples to apples because of new tests and new standards
- ▶ Need at least three years of data to determine effectiveness of new math standards



2011 End-of-course Math Results

Percent meeting standards in 2011

	Year 1 (Alg/Int I)	
	Percent	Number
Grades 6-7	94.5%	5,599
Grade 8	83.8%	27,473
Grade 9	57.5%	46,555
Grade 10*	60.8%	46,452
Grade 11	58.3%	20,313
Grade 12	41.1%	6,715
Total	66.2%	153,107

* All Grade 10 students tested on an EOC for AYP



2011 End-of-course Math Results

Percent meeting standards in 2011

	Yr I EOC Alg I	Yr I EOC Integ I	Yr. I Makeup	Year I EOC Total
Grades 6-7	94.3%	97.4%	99.1%	94.5%
Grade 8	82.0%	88.2%	97.3%	83.8%
Grade 9	53.7%	48.4%	87.8%	57.5%
Grade 10*	30.7%	26.8%	71.4%	60.8%
Grade 11	33.4%	27.2%	63.3%	58.3%
Grade 12	25.9%	36.8%	43.3%	41.1%
Total	60.7%	55.4%	74.4%	66.2%

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* All Grade 10 students tested for AYP purposes

2011 End-of-course Math Results

Percent meeting standards in 2011

	Year 2 (Geom/Int 2)	
	Percent	Number
Grades 6-7	99.5%	213
Grade 8	98.3%	4,770
Grade 9	91.2%	21,045
Grade 10*	66.3%	31,930
Grade 11	44.1%	7,177
Grade 12	31.3%	1,465
Total	73.8%	66,600

* All Grade 10 students tested on an EOC for AYP



2011 End-of-course Math Results

Percent meeting standards in 2011

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	Yr 2 EOC Geom	Yr 2 EOC Integ 2	Yr. 2 Makeup (not given)	Year 2 EOC Total
Grades 6-7	99.4%	100%		99.5%
Grade 8	98.3%	99.3%		98.3%
Grade 9	91.0%	93.2%		91.2%
Grade 10*	66.6%	63.2%		66.3%
Grade 11	45.1%	34.1%		44.1%
Grade 12	31.7%	21.2%		31.3%
Total	74.2%	69.3%		73.8%

* All Grade 10 students tested for AYP purposes



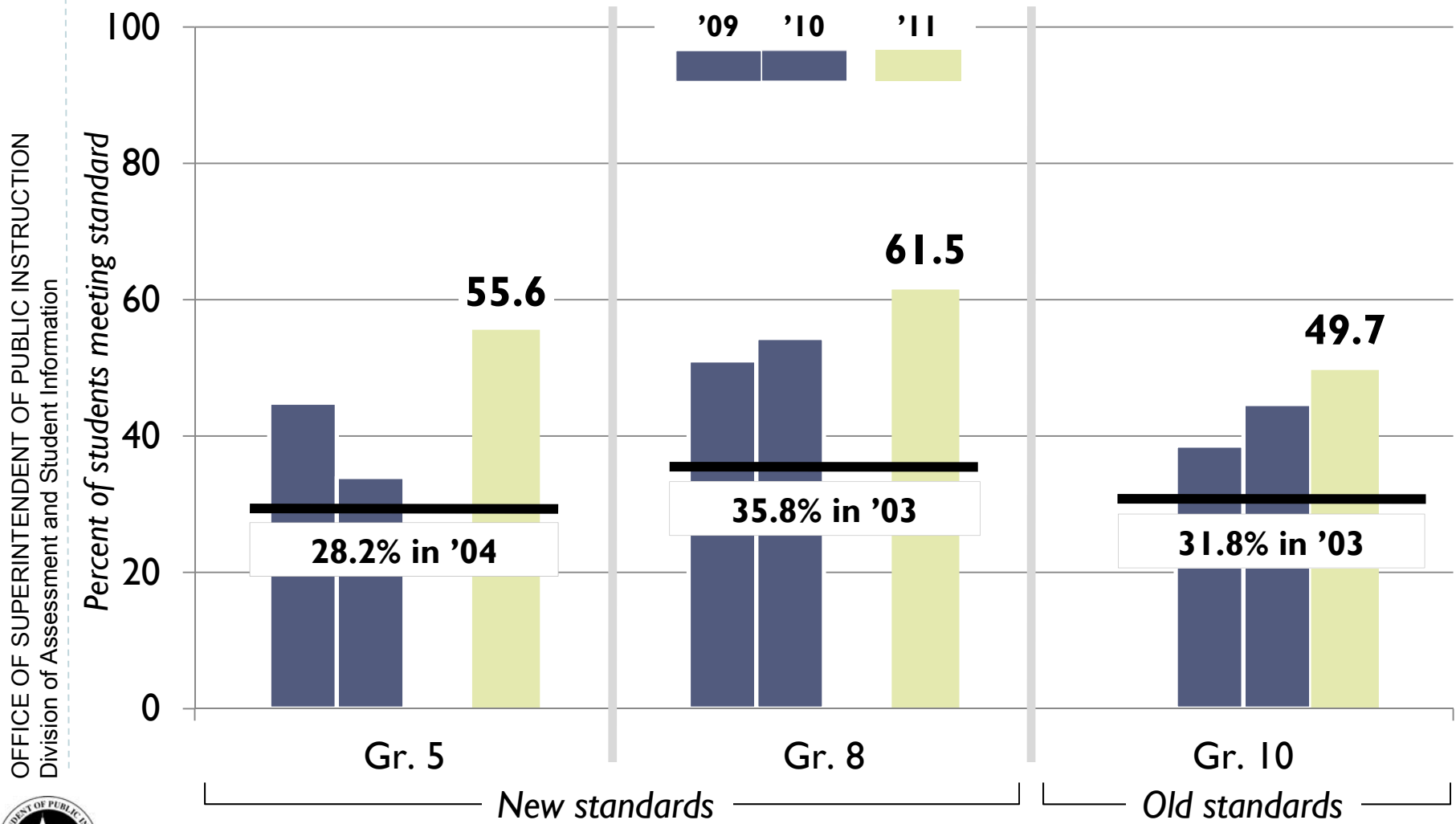
Elementary and Middle School Science testing changes

- ▶ In Spring 2011, grades 5 and 8 MSP tested students on new science learning standards
- ▶ 2011 results set new baseline for science MSP
- ▶ Comparisons to previous years are inevitable, but not apples to apples because of new test and new standards
- ▶ Need at least three years of data to determine effectiveness of new science standards



Science MSP/HSPE: Grades 5,8 and 10

Percent of students meeting standard



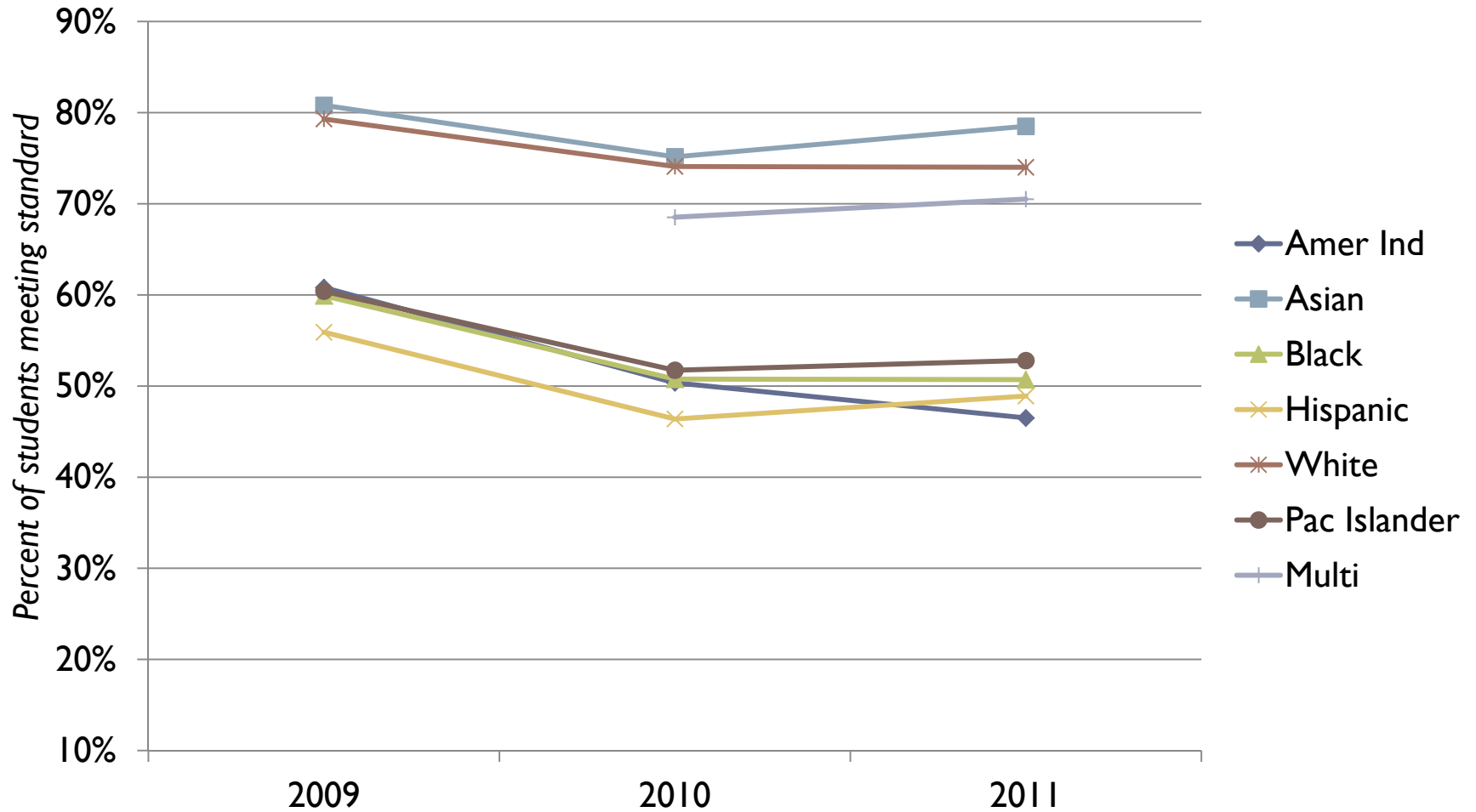
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MSP results, by ethnic group

Reading, 4th grade, 2009-11

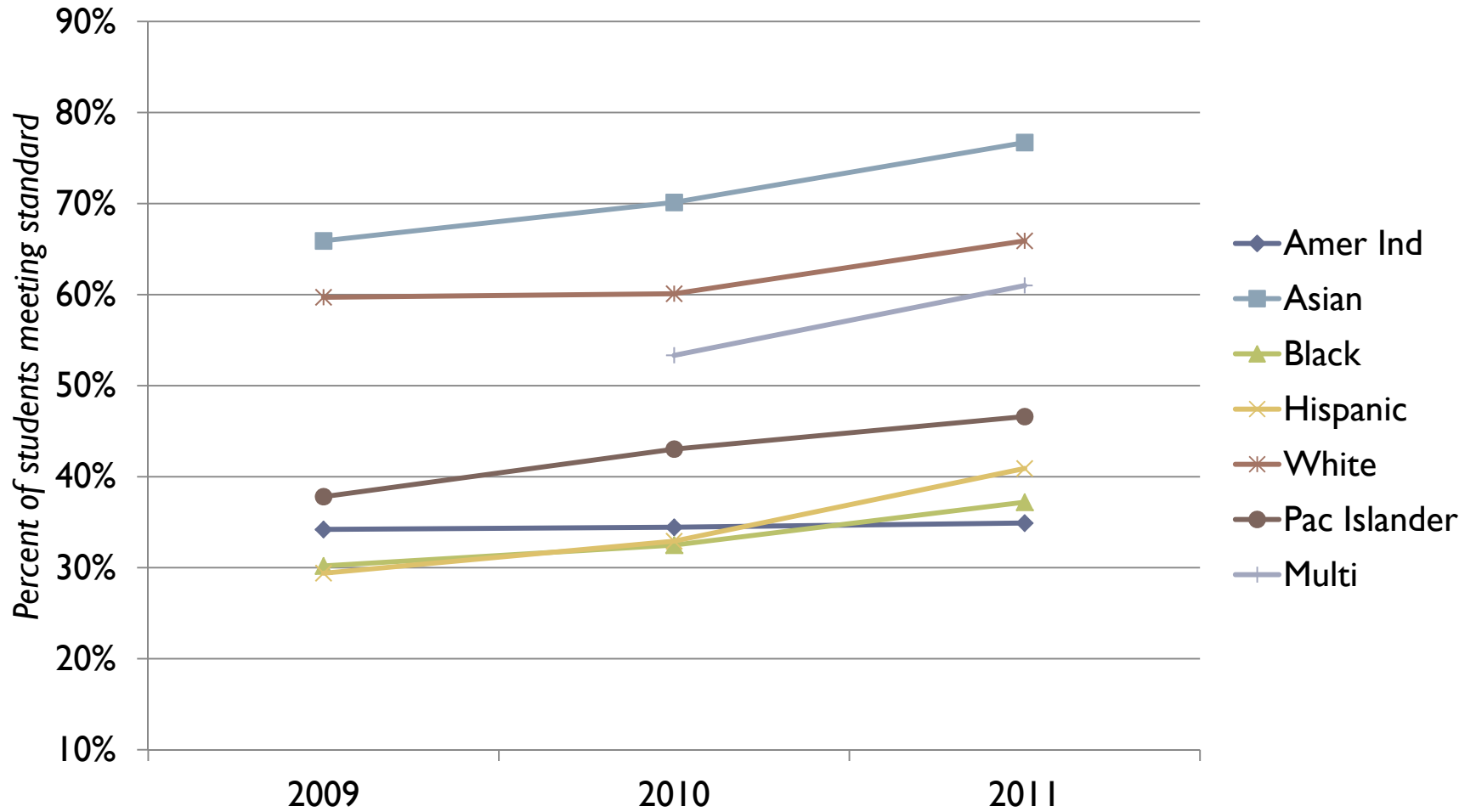
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MSP results, by ethnic group

Math, 4th grade, 2009-11

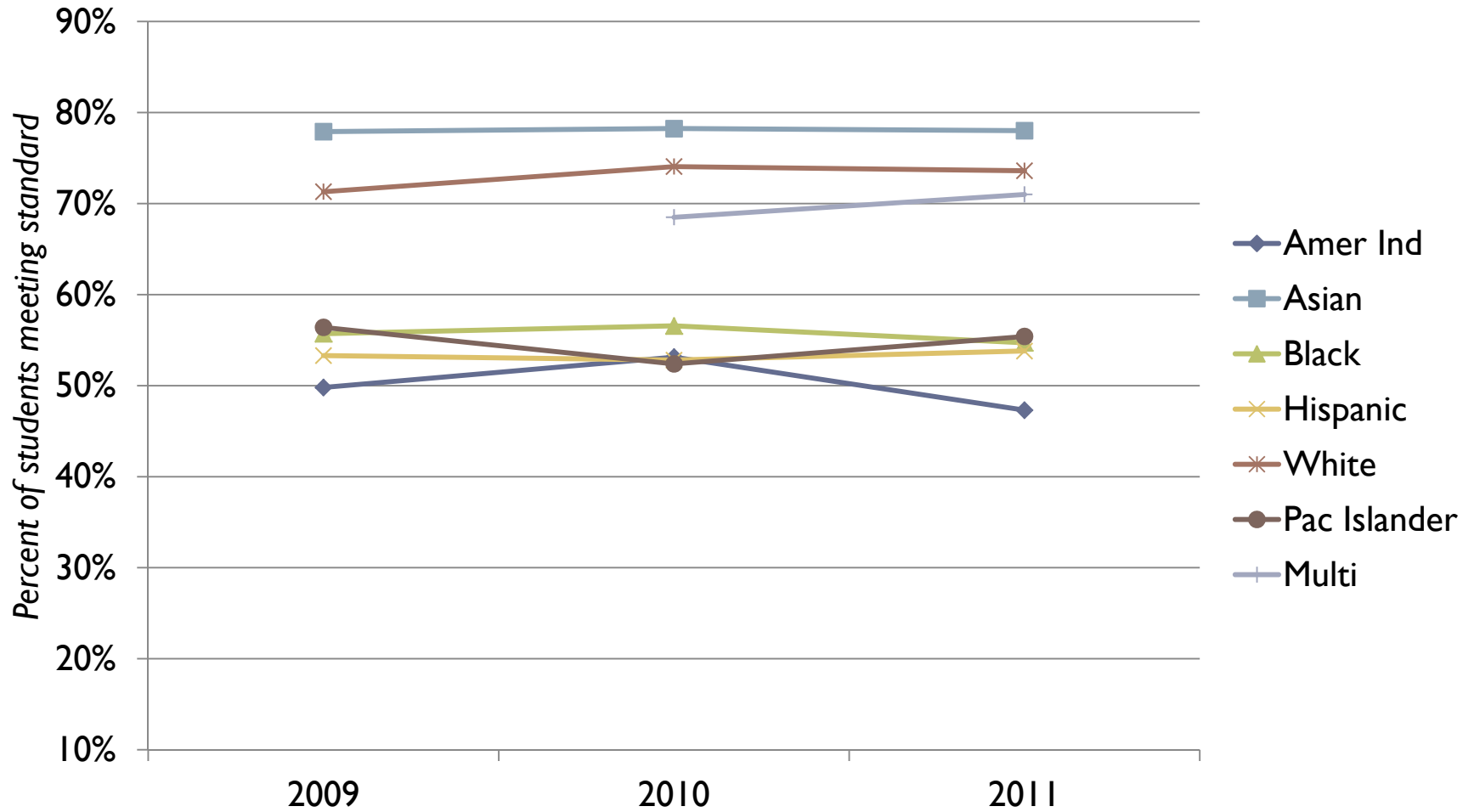
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MSP results, by ethnic group

Reading, 8th grade, 2009-11

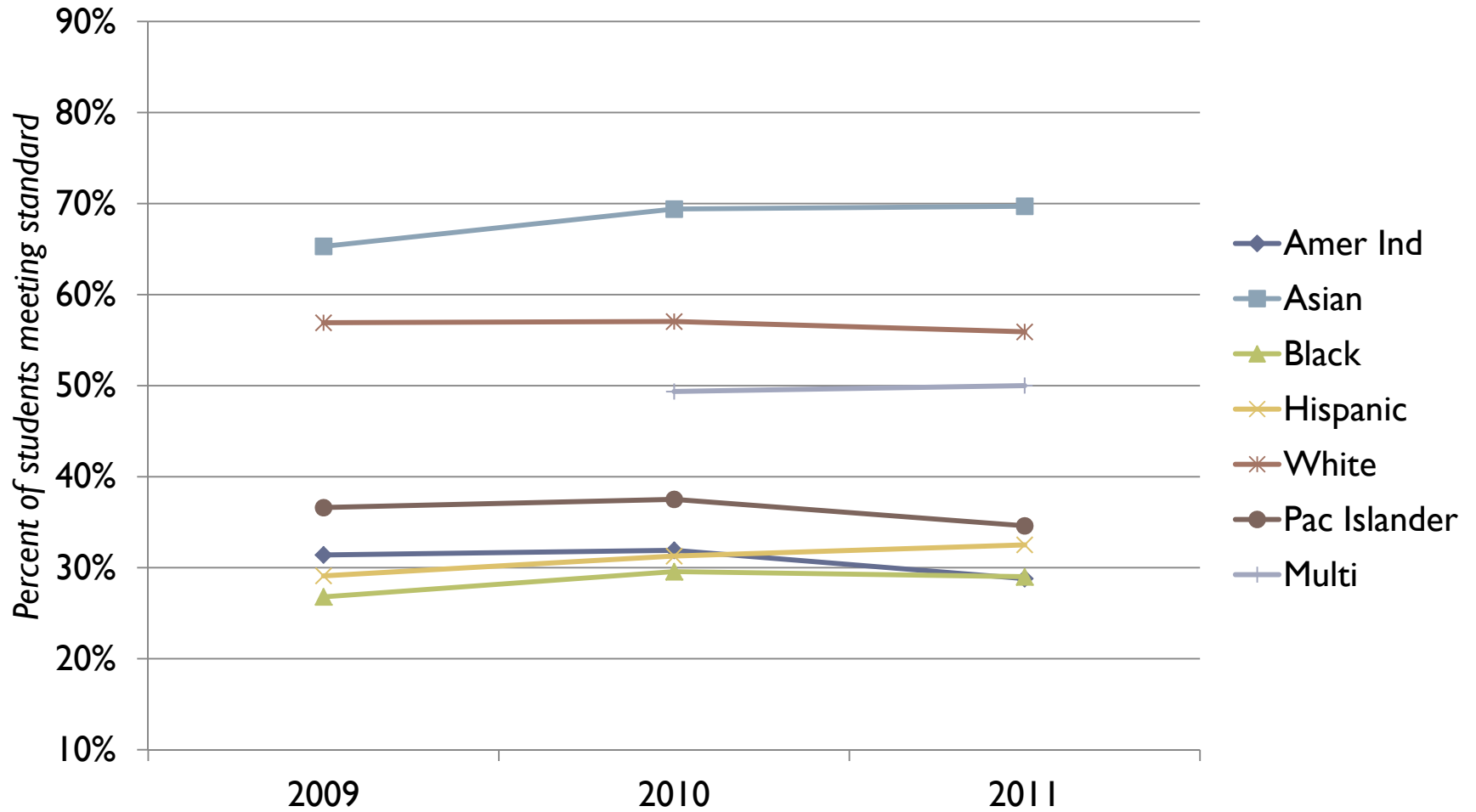
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MSP results, by ethnic group

Math, 8th grade, 2009-11

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Progress toward Certificate of Academic or Individual Achievement

Percent of each cohort meeting standard

READING	Class of 2010	Class of 2011	Class of 2012	Class of 2013
After 10th grade	81.24	79.54	78.23	81.18
After 11th	88.94	88.63	88.48	
After 12th	94.82	94.47		

WRITING	Class of 2010	Class of 2011	Class of 2012	Class of 2013
After 10th grade	85.48	84.31	83.82	83.8
After 11th	90.94	90.59	90.37	
After 12th	94.82	94.56		

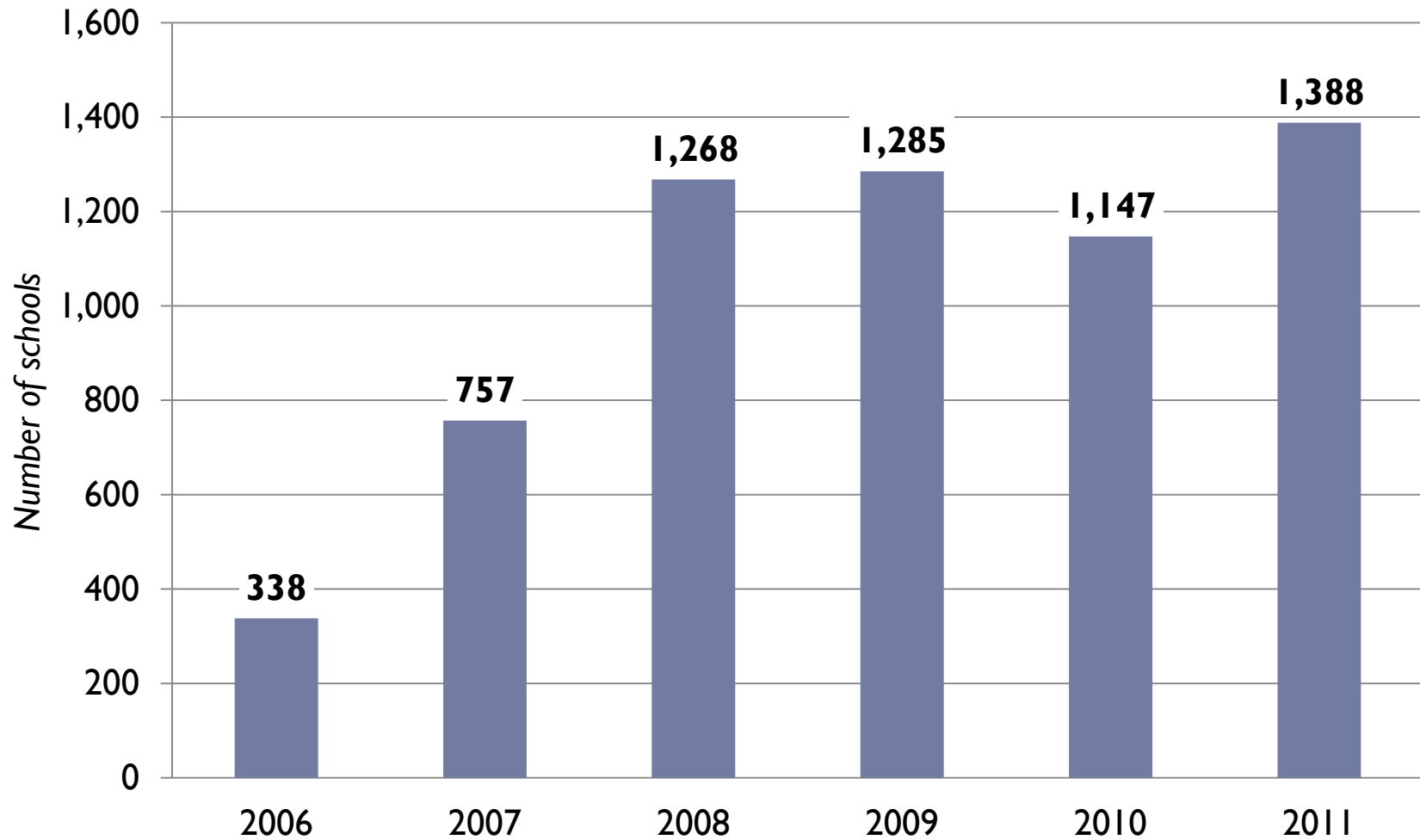
MATH	Class of 2010	Class of 2011	Class of 2012	Class of 2013
After 10th grade	51.08	45.85	43.68	63.9
After 11th	59.56	57.18	67.13	
After 12th	70.76	62.05		

Earned CAA/CIA	Class of 2010	Class of 2011	Class of 2012	Class of 2013
After 10th grade	48.54	43.16	39.93	57.72
After 11th	67.1	57.74	63.36	
After 12th	68.91	63.82		



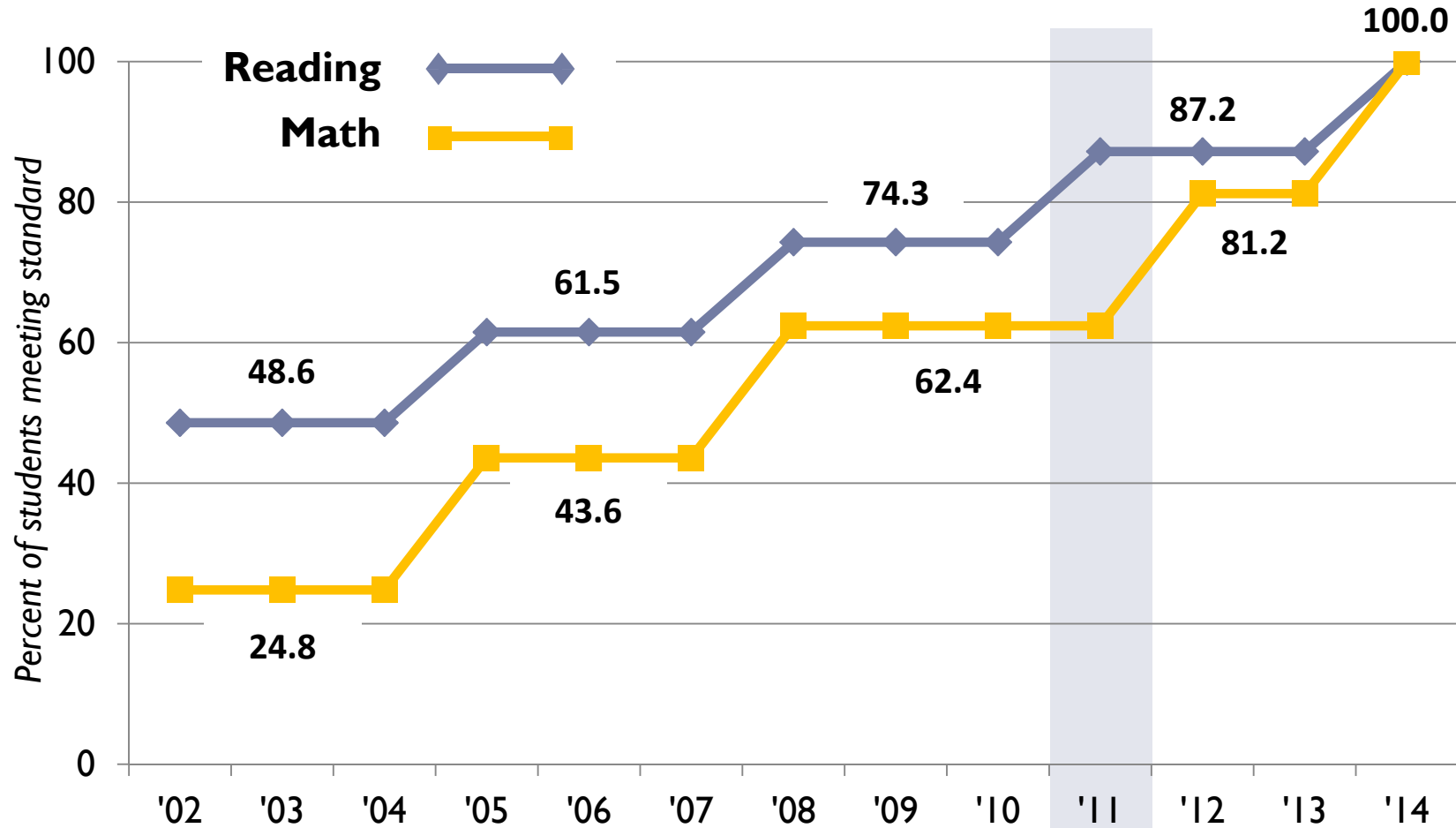
Schools not meeting AYP, 2006-2011

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ESEA requirements

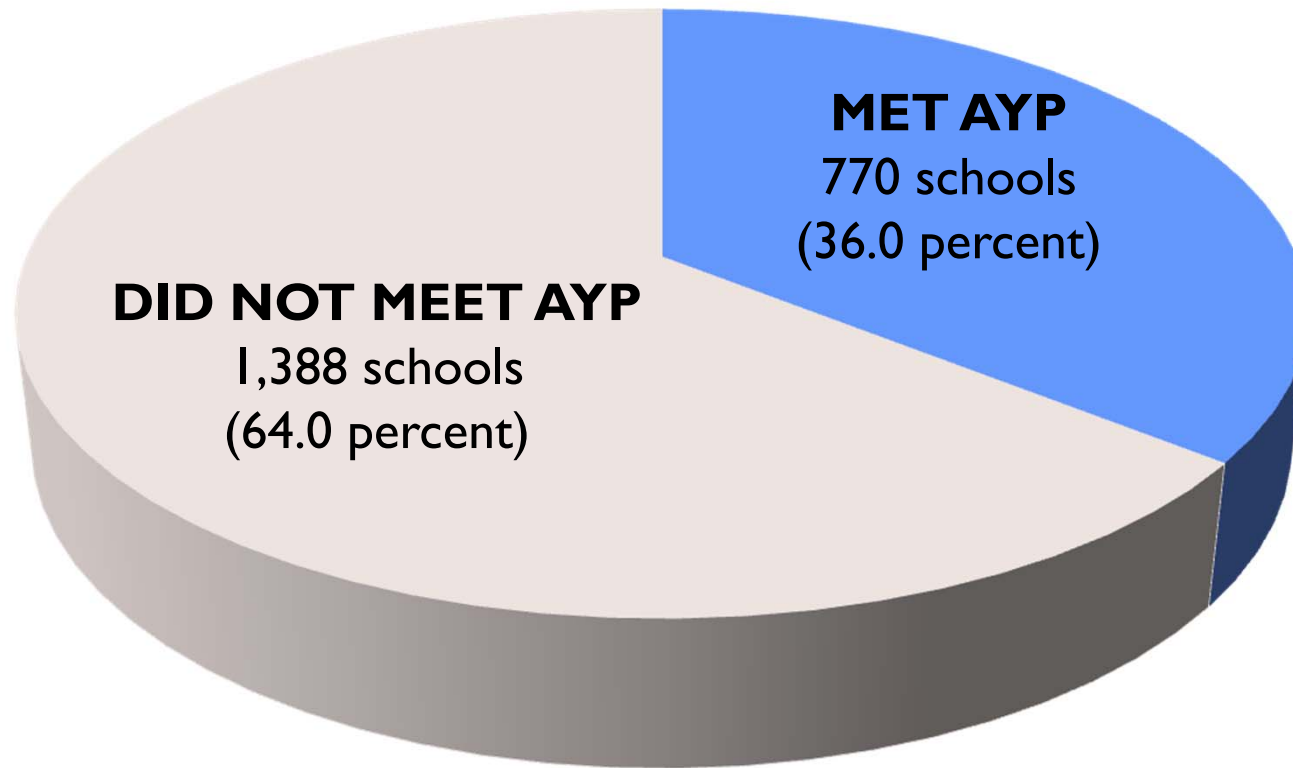
Minimum percentages needed to meet AYP, grade 10



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AYP results for schools, 2011



Changes to state testing - 2012

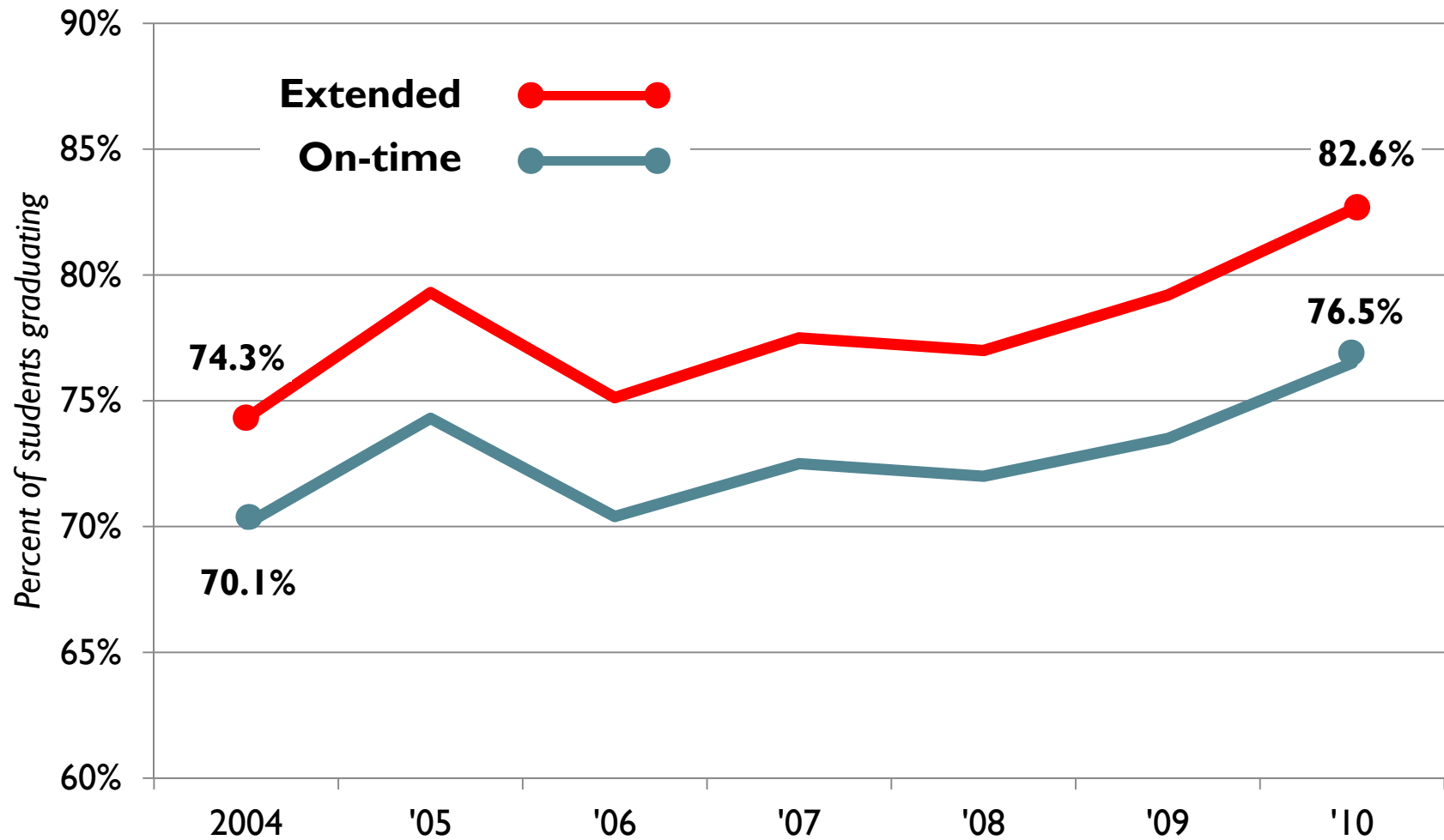
- ▶ **Online testing**
 - ▶ Starting grade 3 in reading and math
 - ▶ More online participation needed
- ▶ **New end-of-course biology exam**
- ▶ **More restricted access to Collection of Evidence as alternative for meeting graduation requirements**
- ▶ **New English Language Proficiency Assessment**
- ▶ **Revised WAAS-Portfolio (significant cognitive challenges)**



Graduation Rates

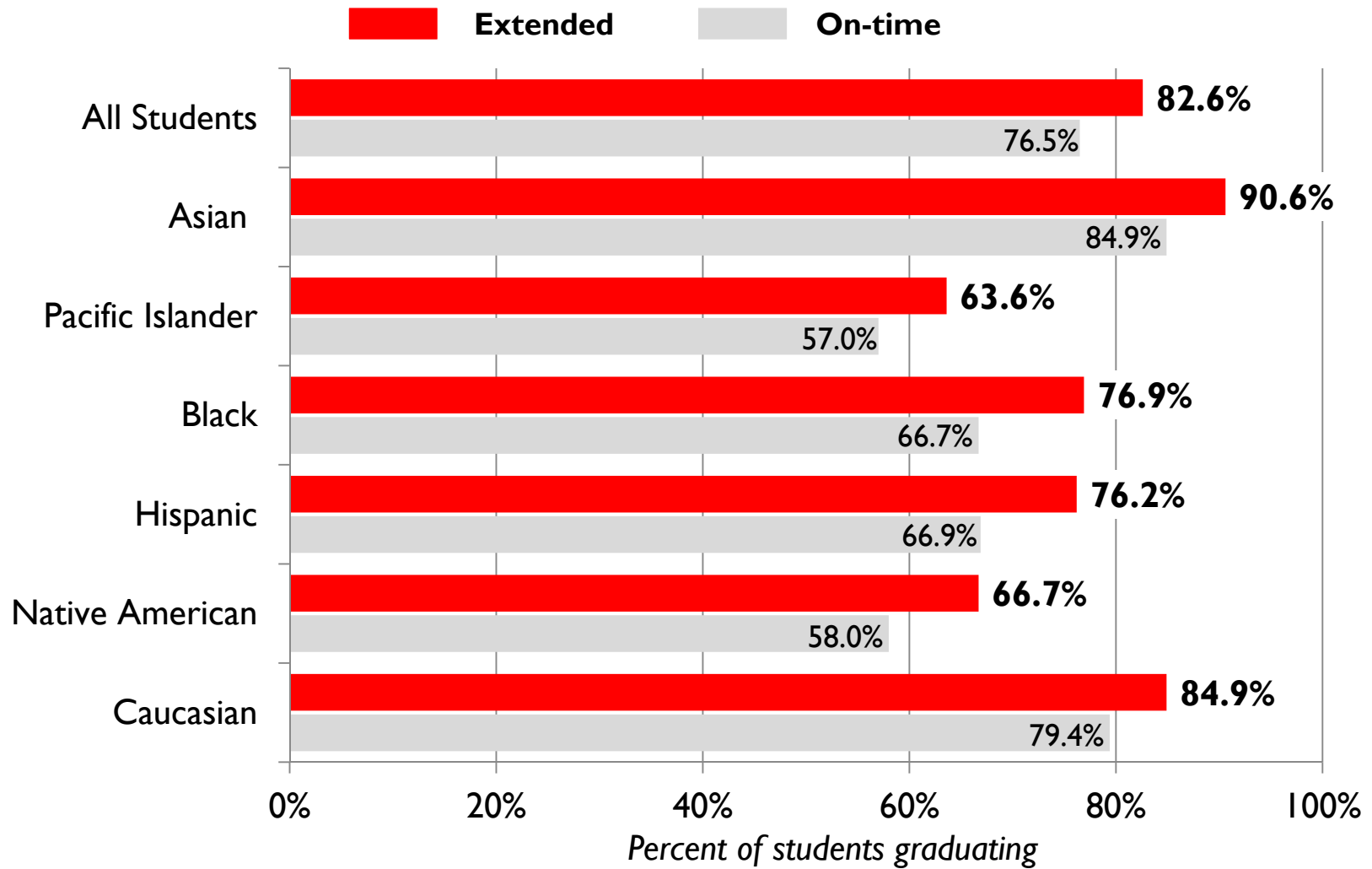
On-Time and Extended, 2004-2010

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Graduation Rates

On-time and extended, by ethnicity, 2009-2010



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New graduation rate calculations

- ▶ Based on National Governors' Association formula:
 - ▶ # of graduates/incoming 9th graders (+/- transfers)
- ▶ Requires tracking individual students (SSIDs)
- ▶ Required for AYP, for all states, in Aug 2012
- ▶ OSPI will report new rate on Aug 30, 2011



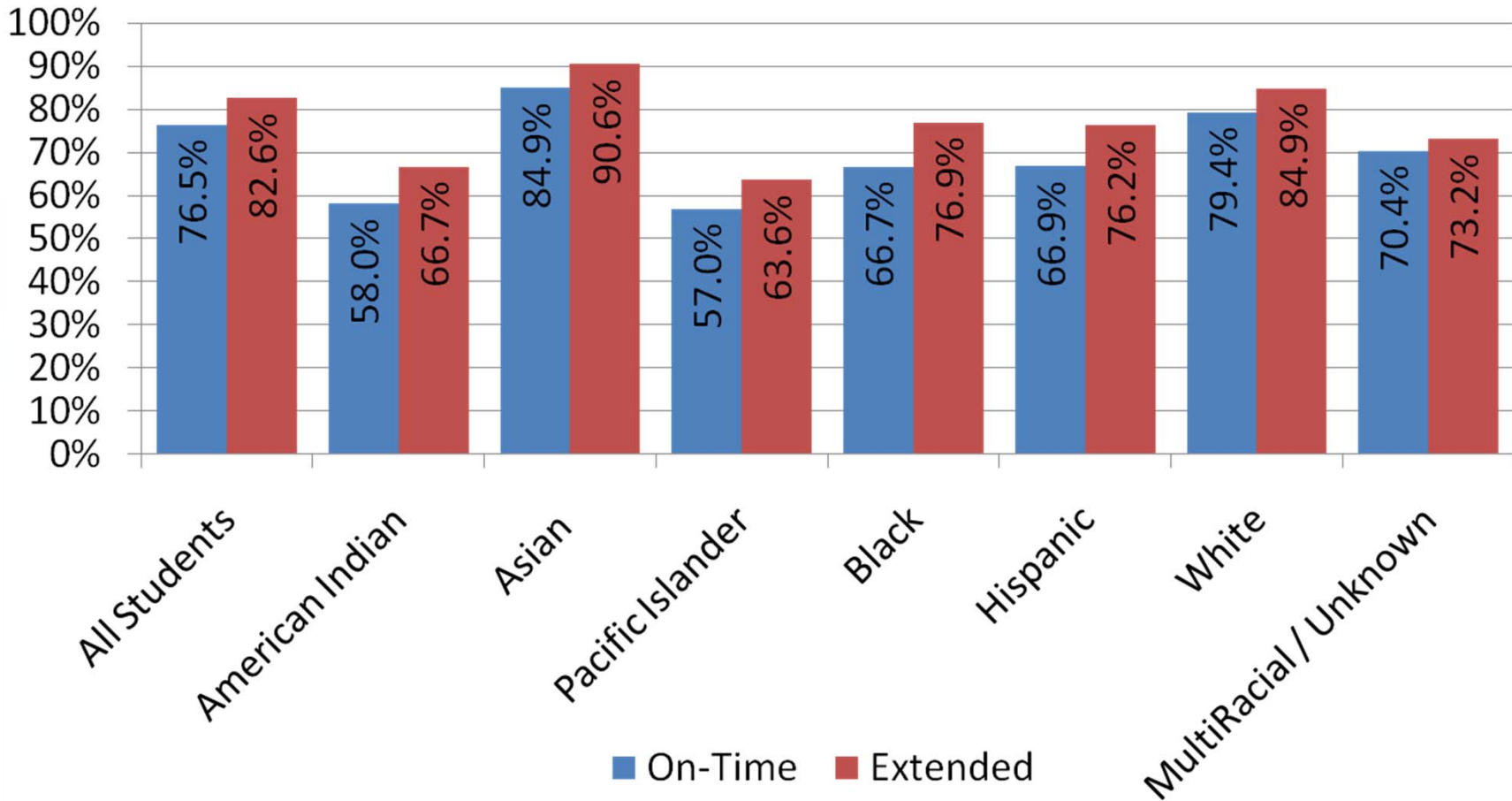
Impact of change to graduation calculations

	2008-2009	2009-2010
Old On-time Graduation Rate	73.5%	76.5%
New On-time Graduation Rate	71.6%	72.7%
Difference	<i>-1.9%</i>	<i>-3.8%</i>
Old Extended Graduation Rate	79.2%	82.6%
New Extended Graduation Rate	N/A	80.7%
Difference	N/A	<i>-1.9%</i>



On-time and Extended Graduation Rates by Ethnicity for 2009-2010

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More details can be found-

- ▶ **OSPI Report Card:** <http://reportcard.ospi.k12.wa.us>
- ▶ **Data files:**
<http://reportcard.ospi.k12.wa.us/DataDownload.aspx>
- ▶ **State testing and graduation requirements handouts:** <http://www.k12.wa.us/Resources/default.aspx>

