2010 Remedial Report Colorado Department of Higher Education

EDUCATIONAL SUCCESS TASK FORCE

AUGUST 29,2011

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Remedial Education

- Remedial is derived from the Latin remedialis (1651) meaning:

  "healing, curing, relieving"

- Developmental is derived from the French *developpement (sic)* meaning:

  " process of development, growth, progress

Remedial Education

- In the nation, more than 40% of all incoming freshmen into higher education required some level of remediation.

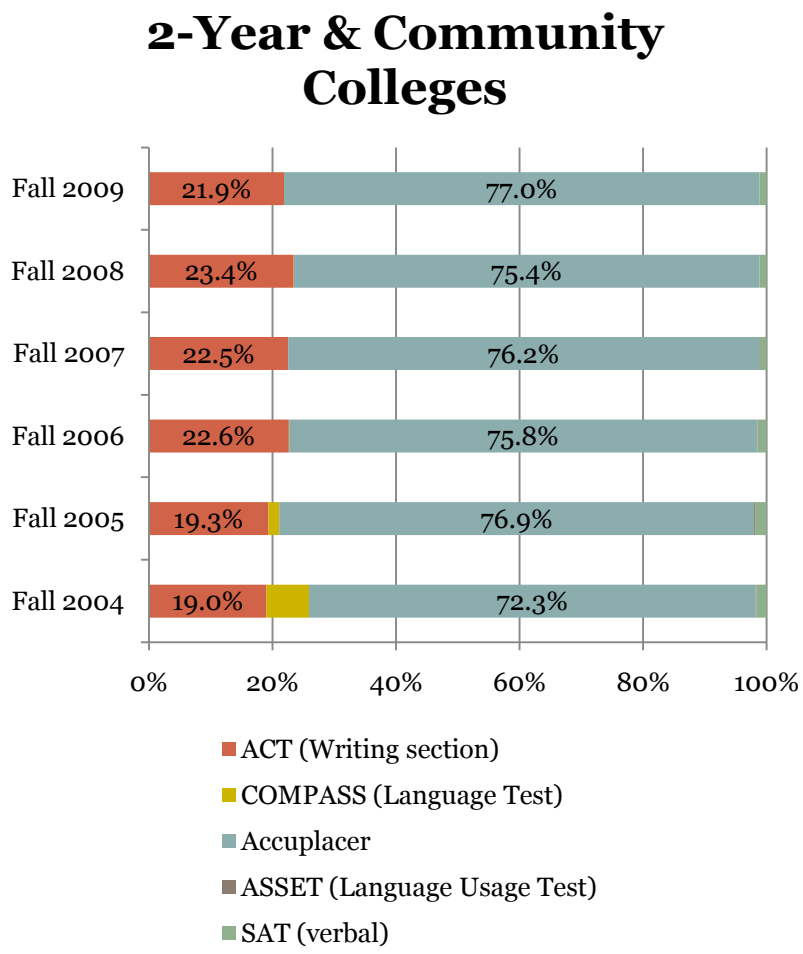
-1894

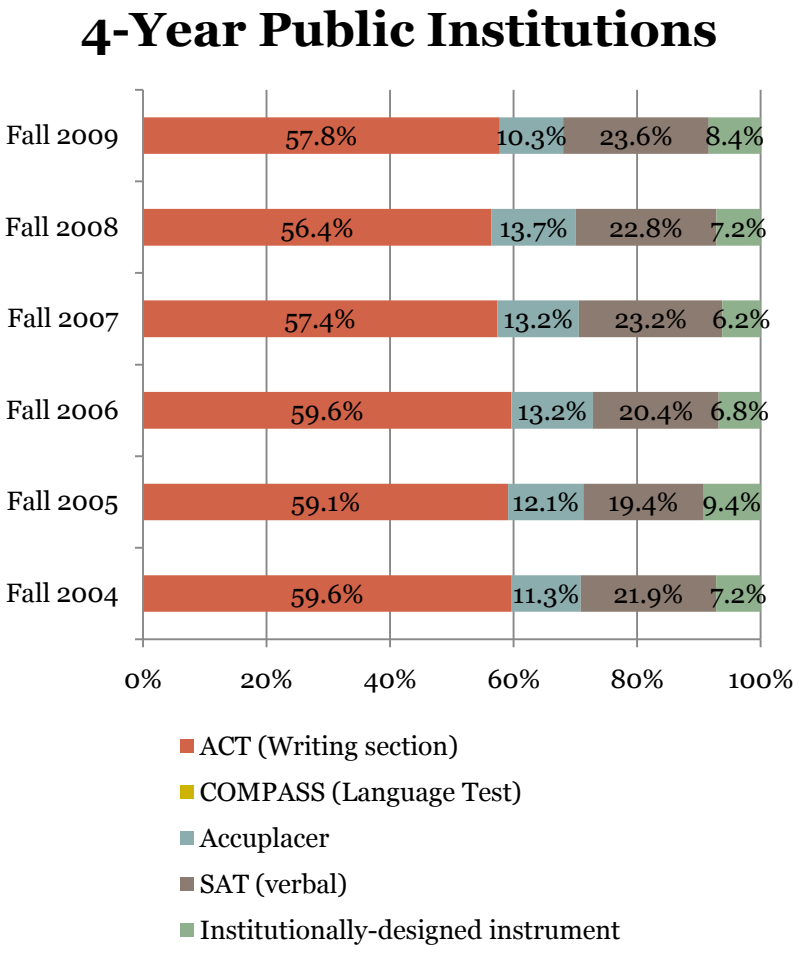
Remedial Education

- In Colorado, more than 28% of all incoming freshmen into higher education required some level of remediation.

- 2010

Writing Assessment, by Inst Type

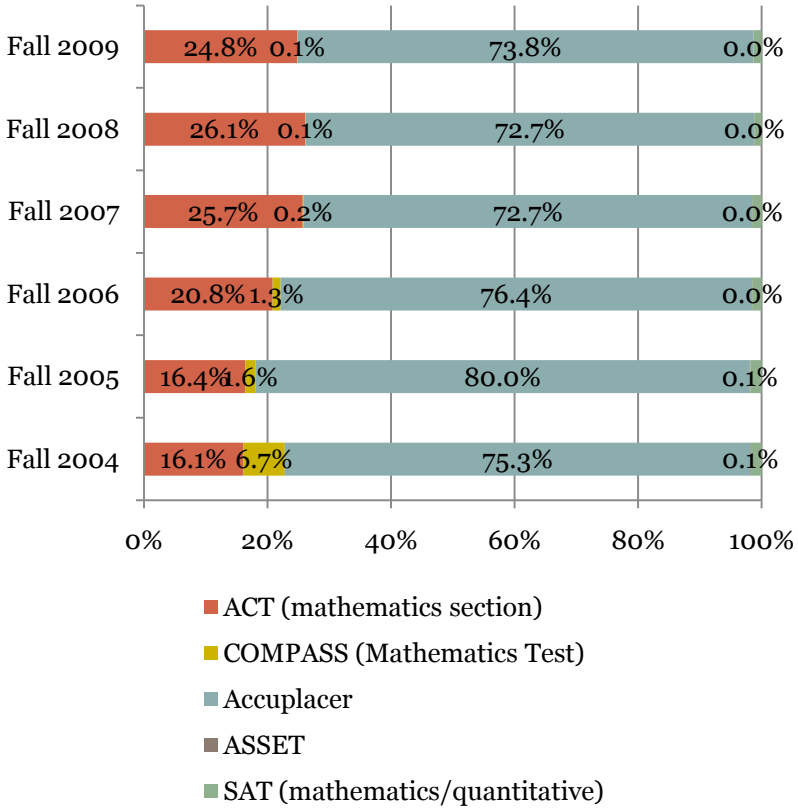




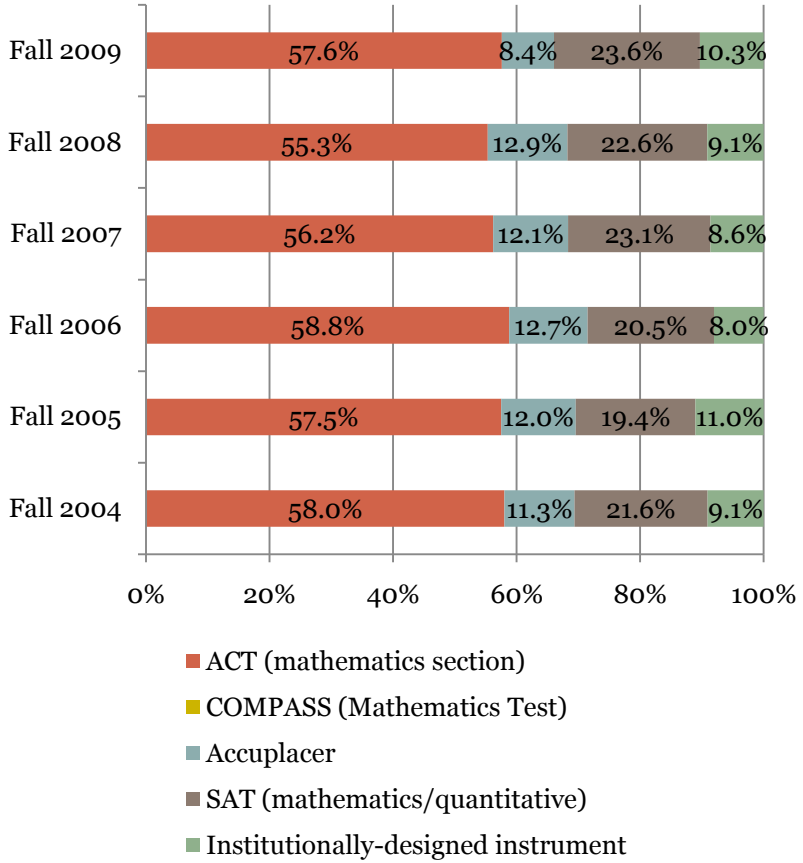
Source: DHE SURDS UAF

Math Assessment, by Inst Type

2-Year & Community Colleges



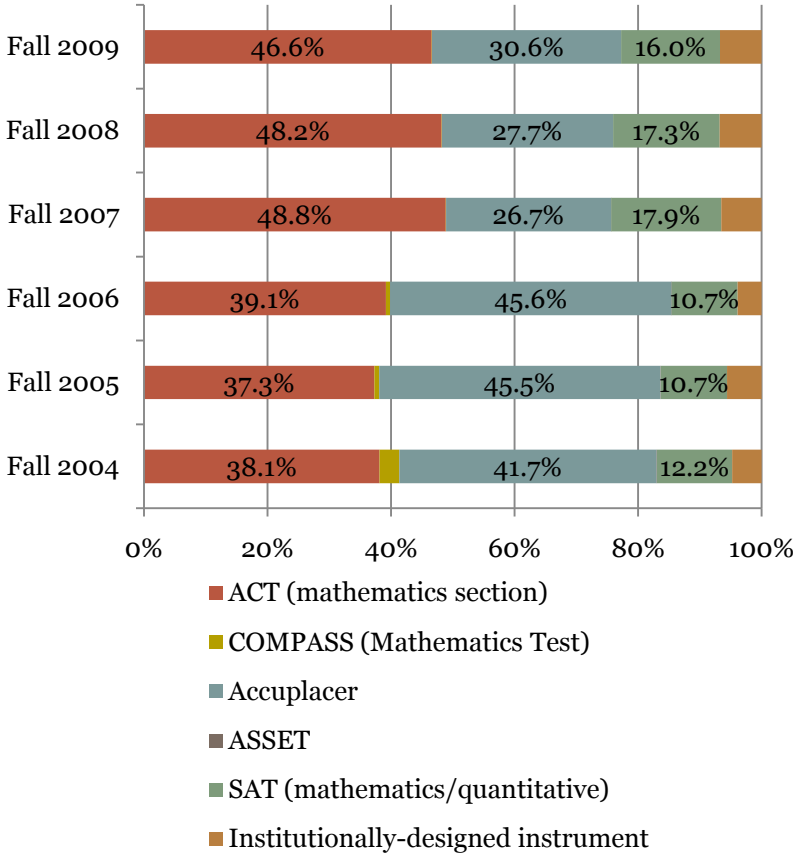
4-Year Public Institutions



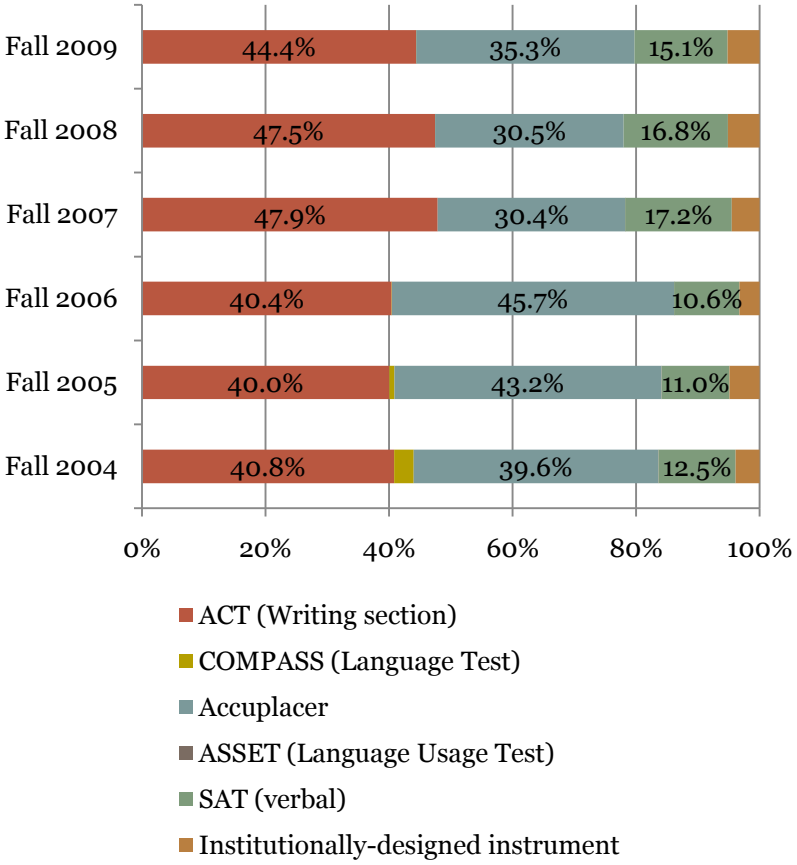
Source: DHE SURDS UAF

Assessment, All Institutions

Math Assessment



Writing Assessment



Source: DHE SURDS UAF

2010 Remedial Report

- DATA
  - Remedial data collected beginning in 2005 through SURDS
  - First time students enrolled Fall 2009
  - Degree and non-degree seeking
  - Excludes extended studies programs
  - 17, 18, 19 years with high school code
  - Comparison over 20 cohort
    - Limitations
      - Out of state colleges
      - Not assessed
      - Missing data

2010 Remedial Report

Nationally

- Four year institutions = 30%
- Two year institutions = 44%

Colorado

- Four year institutions = 18%
- Two year institutions = 52%
  - Overall = 28.6%

Remediation Rates

Table 1: First-Time Recent High School Graduates Assigned to Remediation by Sector and Institution, FY 2010 (Fall 2009)			
Institutions/ Sector	Number of 1st Time Students	Assigned to Remediation in at least one subject	
Recent Colorado High School Graduates Two-Year Public	#	#	%
Community Colleges	8,274	4,325	52.3%
Local District Colleges	749	441	58.9%
Two-Year Total	9,023	4,766	52.8%
Four-Year Public Institutions	21,019	3,840	18.3%
Four-Year Total	21,019	3,840	18.3%
Grand Total	30,042	8,606	28.6%

Source: DHE, 2010 Report on Remedial Education; Feb 2011
http://highered.colorado.gov/i3/Reports.aspx?cat=7

Remediation Rates

Table 2: First-Time Recent High School Graduates Assigned to Remediation in at Least One Subject, by Sector and Institution, FY 2005 to FY2010 (Fall Enrollment)												
Institutions/ Sector	Number of 1st Time Students						Number Assigned to Remediation					
	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	#	#	#	#	#	#	%	%	%	%	%	%
Community Colleges	8,298	7,347	7,150	6,995	7,713	8,274	55.4%	56.2%	54.7%	53.9%	52.5%	52.3%
Local District Colleges	564	231	914	857	785	749	50.4%	43.7%	52.7%	47.5%	54.4%	58.9%
Two-Year Total	8,862	7,578	8,064	7,852	8,498	9,023	55.1%	55.9%	54.5%	53.2%	52.7%	52.8%
Four-Year Public Institutions	19,406	19,214	19,993	20,310	21,206	21,019	18.0%	19.6%	19.8%	20.8%	19.9%	18.3%
Grand Total	28,268	26,792	28,057	28,162	29,704	30,042	29.6%	29.8%	29.7%	29.9%	29.3%	28.6%

Source: DHE, 2010 Report on Remedial Education; Feb 2011
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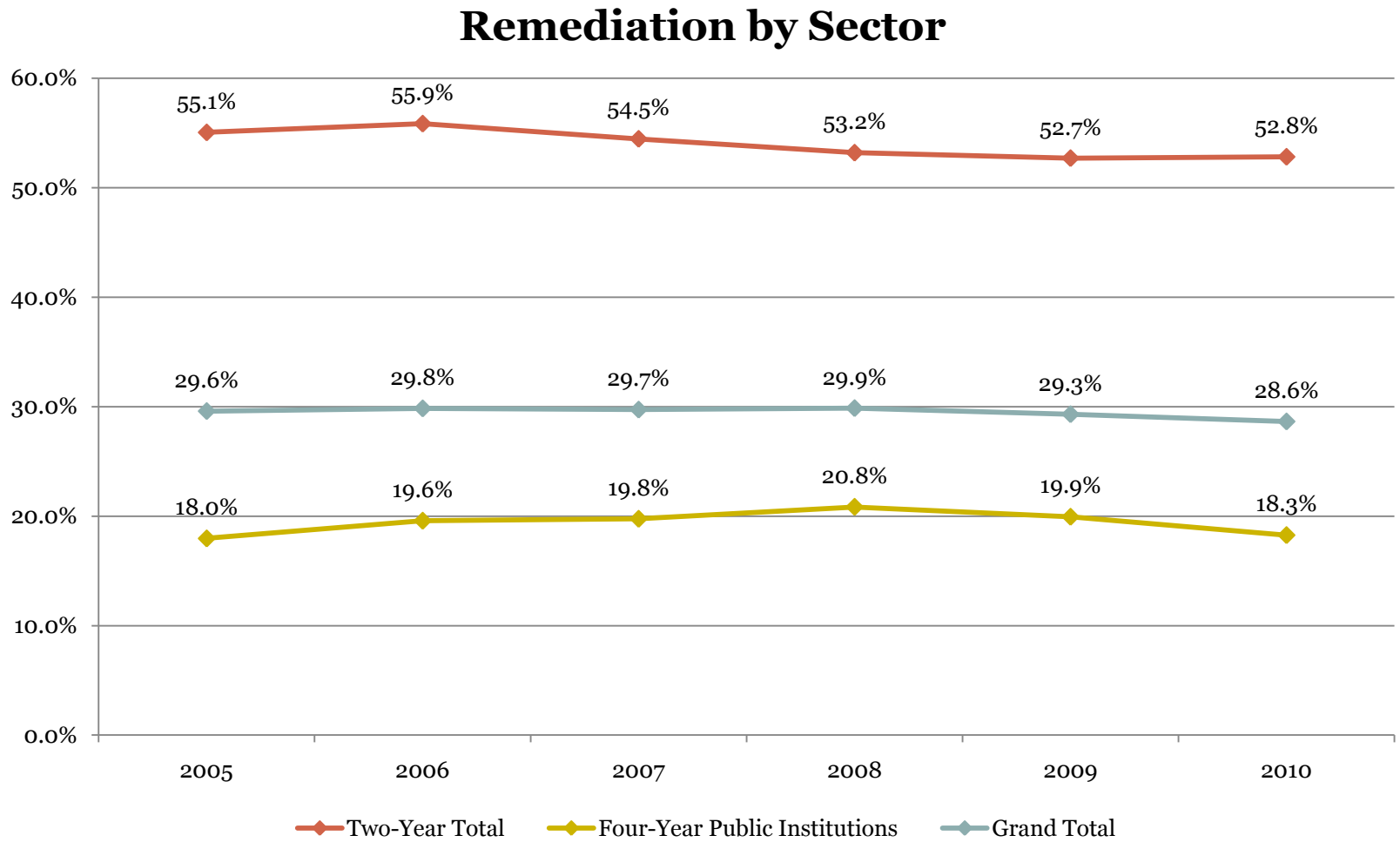
Remediation Rates



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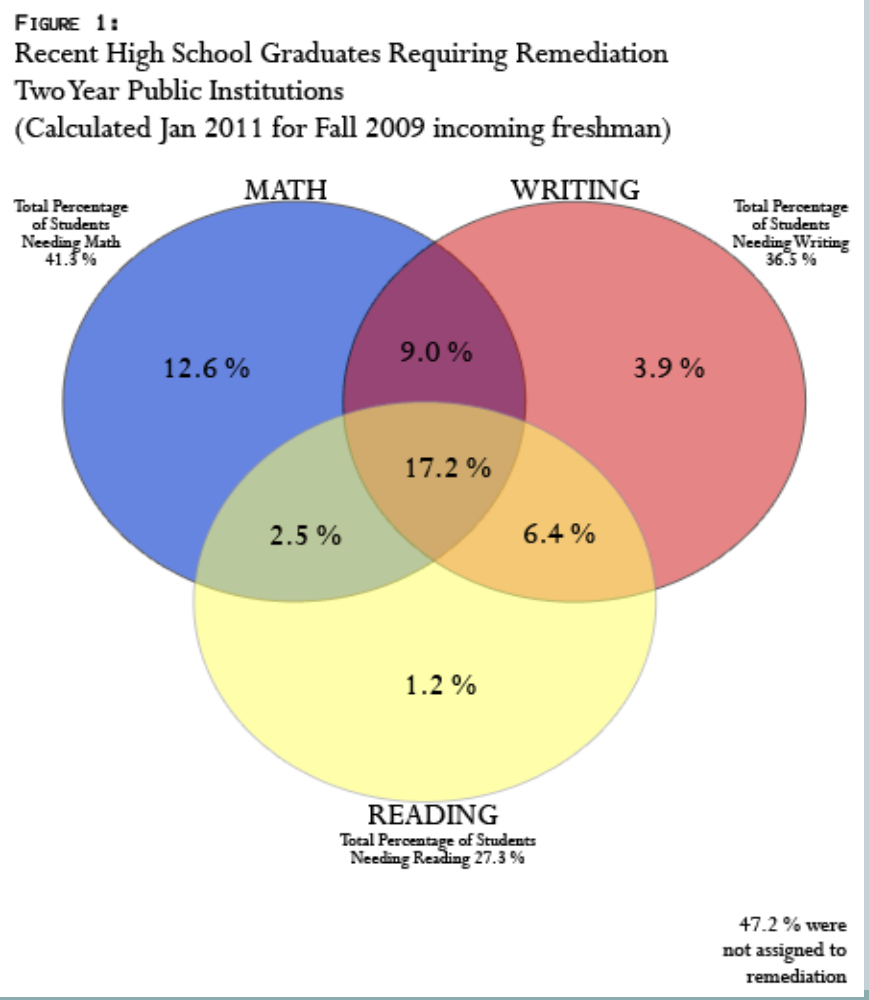
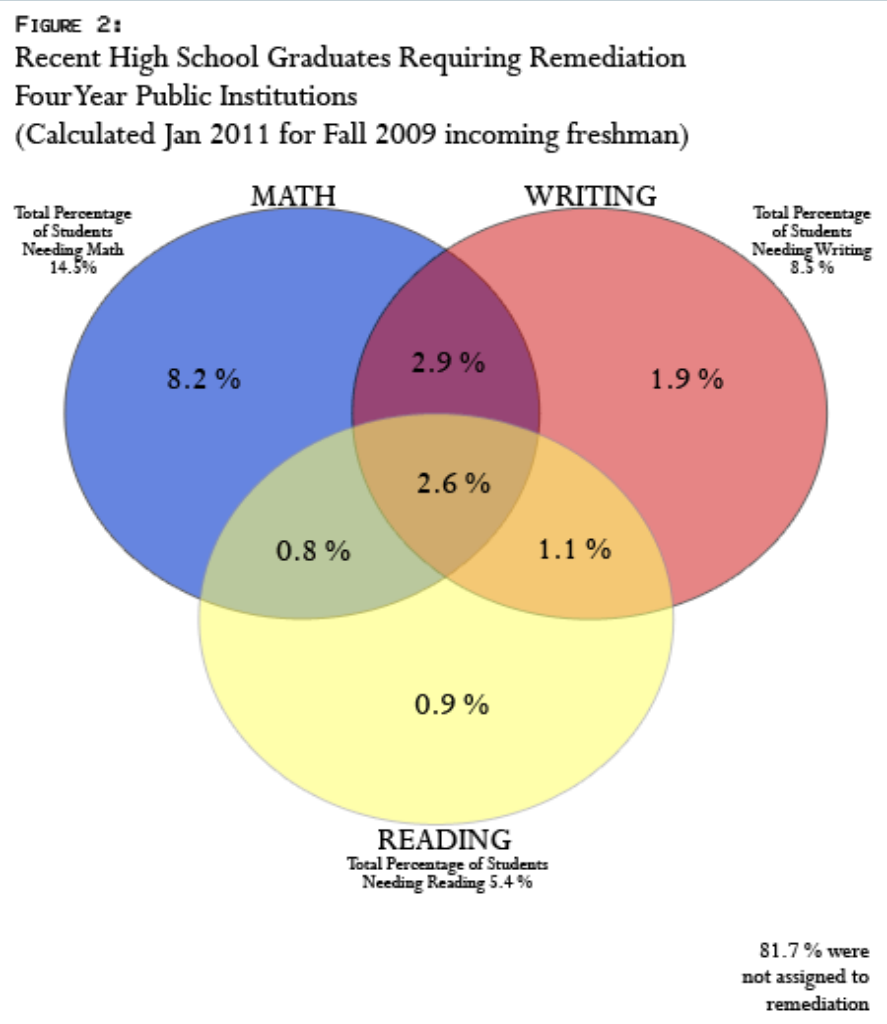
Remediation by Discipline – 2 Years



Remediation by Discipline – 4 Years

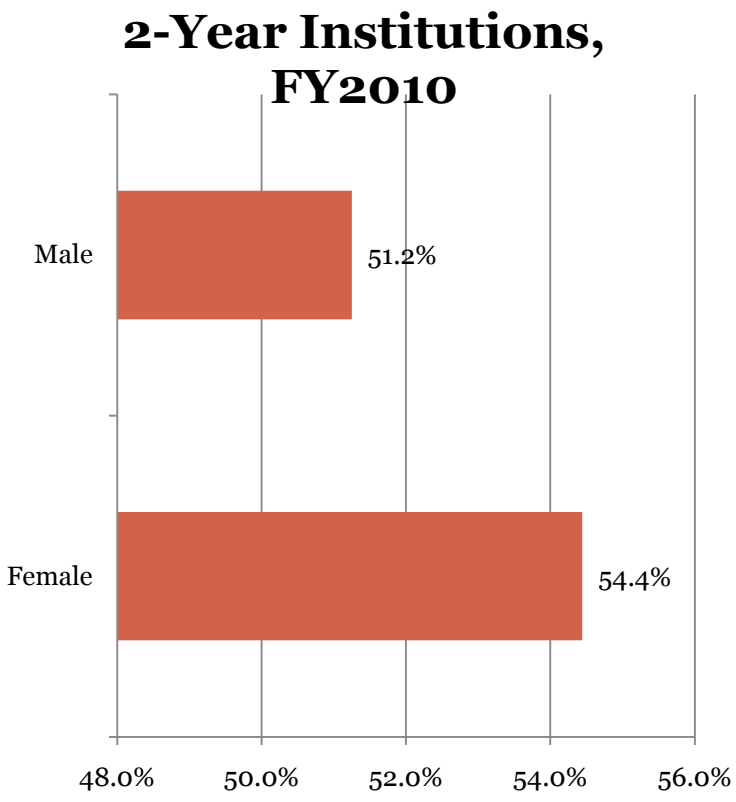


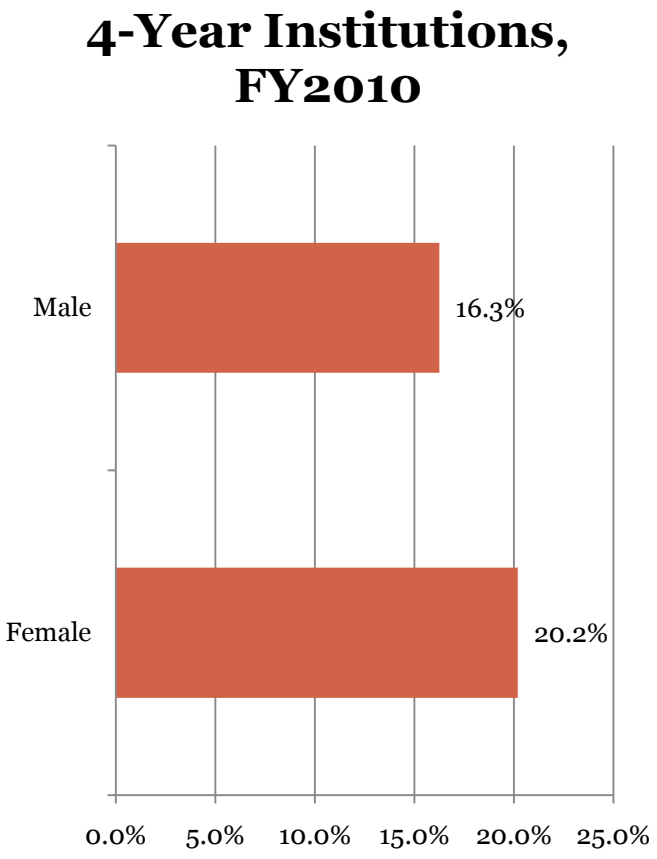
Demographics

- What is the typical profile of a student that requires remediation?

FY2010 Remediation Rates, Gender

First-Time Students Assigned to Remediation in at least one subject

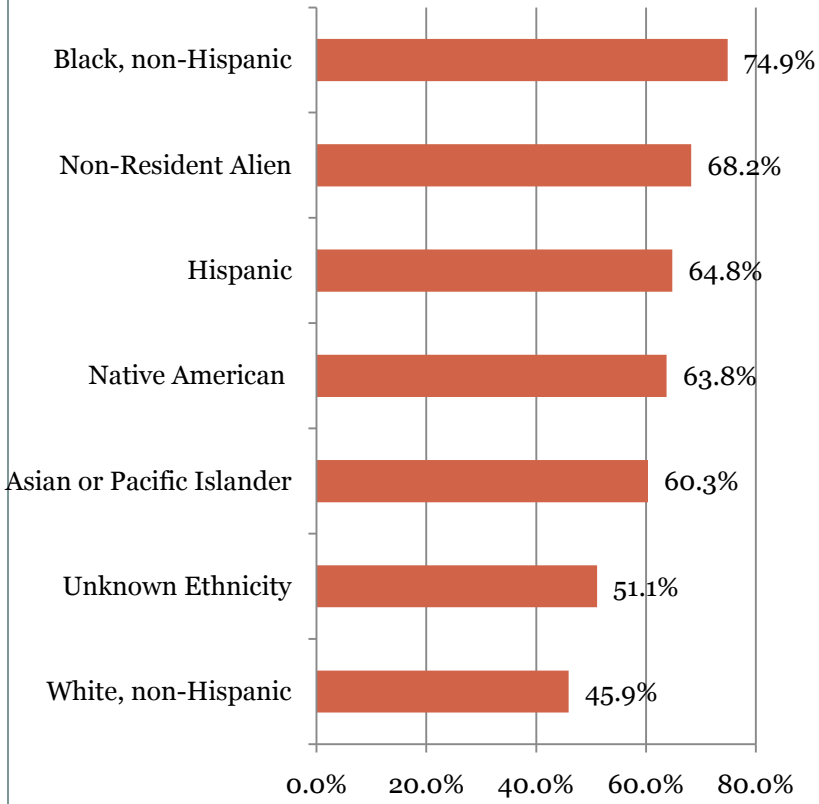




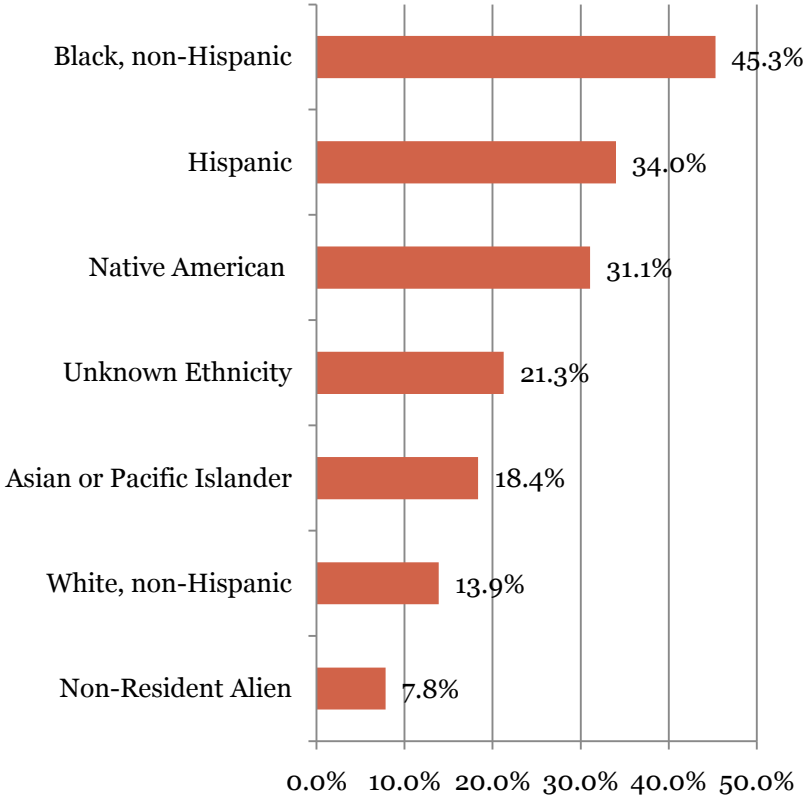
Source: DHE, 2010 Report on Remedial Education; Feb 2011; http://highered.colorado.gov/i3/Reports.aspx?cat=7

FY2010 Remediation Rates, Ethnicity

2-Year Institutions, FY2010



4-Year Institutions, FY2010



Source: DHE, 2010 Report on Remedial Education; Feb 2011
http://highered.colorado.gov/i3/Reports.aspx?cat=7

Demographics – Non Traditional Students

- Defined 20 years or older
- Nontraditional students comprised 40% of the population but of those 35% required remediation.
- Like traditional students non-White students had lower remedial needs.
- Math- highest numbers of students 11%. 7% of non-traditional students need remediation in all three subjects.

Retention Rates (for Remedial Students)

Table 8: First-Time Recent High School Graduates Assigned to Remediation, Not Assigned to Remediation, Retained One Year by Sector and Institution, Fall 2008 to Fall 2009											
Institutions/ Sector	*Number of 1st Time Students	Retained Next Year		Not Assigned to Remediation		Not Assigned to Remediation and retained next year		Assigned to Remediation in at least one subject		Assigned to Remediation in at least one subject and retained next year	
Recent Colorado High School Graduates Two-Year Public	#	#	%	#	%	#	%	#	%	#	%
Community Colleges	6,646	3,434	51.7%	2,349	35.3%	1,301	55.4%	4,297	64.7%	2,133	49.6%
Local District Colleges	577	298	51.6%	232	40.2%	116	50.0%	345	59.8%	182	52.8%
Two-Year Total	**7,223**	**3,732**	**51.7%**	**2,581**	**35.7%**	**1,417**	**54.9%**	**4,642**	**64.3%**	**2,315**	**49.9%**
Four-Year Public	20,726	15,347	74.0%	16,799	81.1%	12,986	77.3%	3,927	18.9%	2,361	60.1%
Grand Total	**27,949**	**19,079**	**68.3%**	**19,380**	**69.3%**	**14,403**	**74.3%**	**8,569**	**30.7%**	**4,676**	**54.6%**

Graduation Rates (2-Year, Remedial Students)

Table 10: Graduation Rates by Remedial and Non-Remedial Students, from Two-Year Public Institutions (2006 Cohort)									
Institution Name	Fall 2006 Entering Class	Graduated at Original Institution			Graduated at Transfer Institution			Graduated at Either	
		Ass. Deg. & Cert. (2+ years)	Cert. (<2 years)	Rate	Ass. Deg. & Cert. (2+ years)	Cert. (<2 years)	Rate	#	Rate
Community College Total	6,327	911	474	21.9%	22	15	0.6%	1,422	22.5%
REMEDIAL	**3,471**	**391**	**239**	**18.2%**	**8**	**6**	**0.4%**	**644**	**18.6%**
Local District Colleges Total	609	131	56	30.7%	2	4	1.0%	193	31.7%
REMEDIAL	**400**	**74**	**29**	**25.8%**	**1**	**1**	**0.5%**	**105**	**26.3%**
Grand Total	6,936	1,042	530	22.7%	24	19	0.6%	1,615	23.3%
REMEDIAL TOTAL	**3,871**	**465**	**268**	**18.9%**	**9**	**7**	**0.4%**	**749**	**19.3%**

SOURCE: SURDS Enrollment, Fall 2006; Degrees Awarded FY 2006-2009 and Summer 09

For 2-year institutions, "Graduated at Transfer Institution" includes only 2-year to 2-year transfers, therefore the Community College mission of transfer-to- 4YR-schools is not assessed here.

At 2-year institutions, counts are degrees, i.e. a single student that received a certificate as well as an Associates is counted twice.

The Graduation Rate of transfers only includes degrees attained by transfers at Colorado institutions reporting to SURDS. Transfers to private schools that don't report to SURDS or out of state are not included.

For two-year transfers, the rate only includes those that attained an associate degree or certificate after transfer, at Colorado institutions reporting to SURDS.

Graduation Rates (4-Year, Remedial Students)

Table 9: Graduation Rates by Remedial and Non-Remedial Students, from Four-Year Public Institutions (Fall 2003 Cohort)							
	Fall 2003 Entering Class	Grad. within 4 Years at Orig or Transfer Inst		Grad. within 5 Years at Orig or Transfer Inst		Grad. within 6 Years at Orig or Transfer Inst	
		#	Rate	#	Rate	#	Rate
Totals	**18,675**	**5,618**	**30.1%**	**9,660**	**51.7%**	**10,776**	**57.7%**
REMEDIAL TOTALS	**2,895**	**281**	**9.7%**	**593**	**20.5%**	**854**	**29.5%**

SOURCE: SURDS Enrollment, Fall 2003; Degrees Awarded FY 2004-2009 and Summer 09

The Graduation Rate of transfers only includes degrees attained by transfers to Colorado institutions reporting to SURDS. Transfers to private schools not reporting to SURDS or out-of-state transfers are not counted.

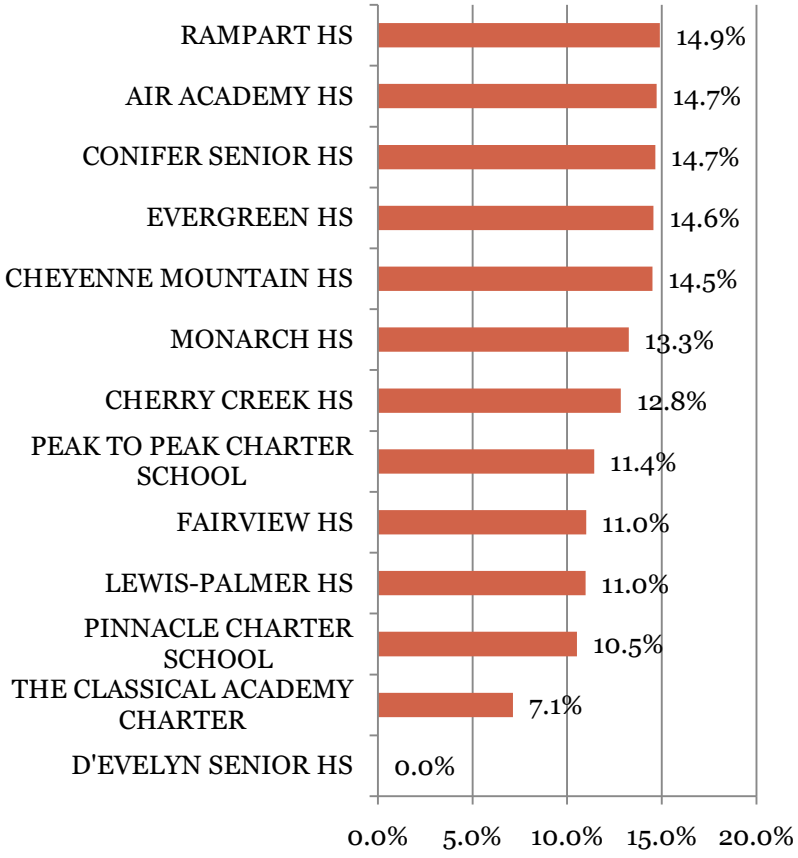
At 4-year institutions, "Graduated at Transfer Institution" includes only 4-year to 4-year transfers

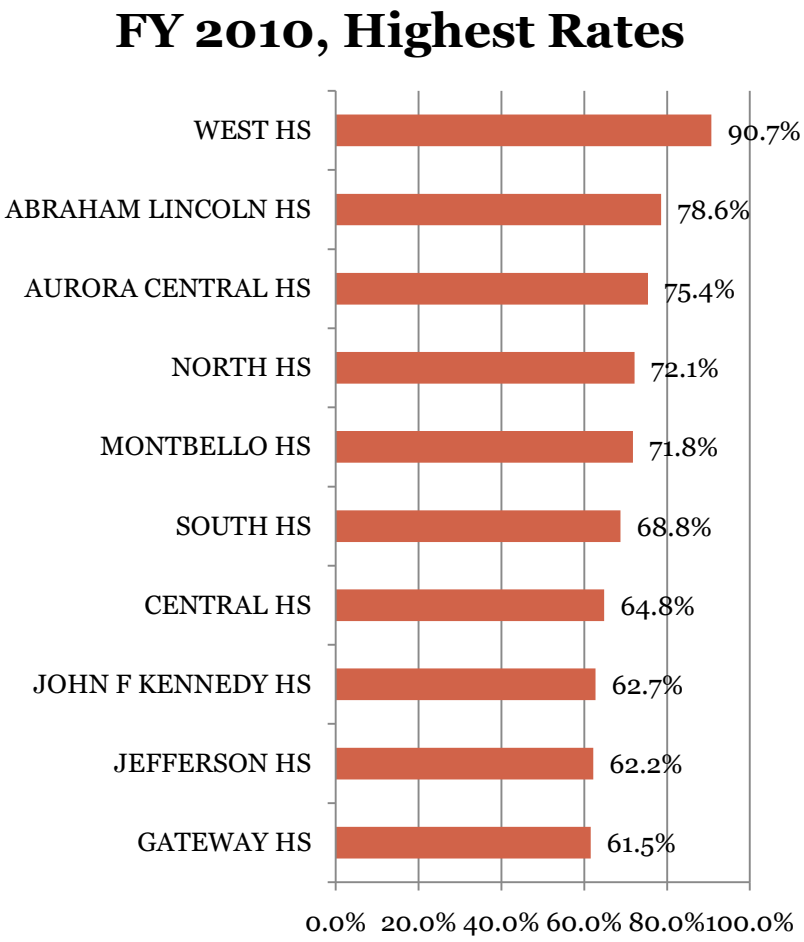
At 4-year institutions, counts are students receiving a degree(s) i.e. double majors are only counted once.

Cost of Remedial Education

- 69,445 remedial classes
- 214,593 credit hours
- 13,452 FTE students
- $19 million dollars – General Fund cost
- $6.7 funded by students
- National Yearly Estimate = 3 billion dollars

High School Graduates, Remediation Rates





Source: DHE, 2010 Report on Remedial Education; Feb 2011
http://highered.colorado.gov/i3/Reports.aspx?cat=7

Future Discussions.....

- Assess the process of remediation assessment
- What does it mean to be college ready?
- Consider Social Cost
- P-20 Alliance and Collaboration
- *Reduce and Improve*

Questions?

Thank you!