

AVID as a Conduit for Successful College Preparation: Two Years of AP, SAT, and ACT Data



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What is AVID?

- ***Advancement Via Individual Determination***
- **A structured, college preparatory program**
- **A direct support structure for first-generation college goers, grades 5-12**
- **AVID curriculum serves over 300,000 students in over 4,000 elementary and secondary schools in 45 states, the District of Columbia, and 15 other countries.**
- **A professional development program providing training throughout the U.S.**



The Mission of AVID

The mission of AVID is to ensure that all students, and most especially the least served students who are in the middle:

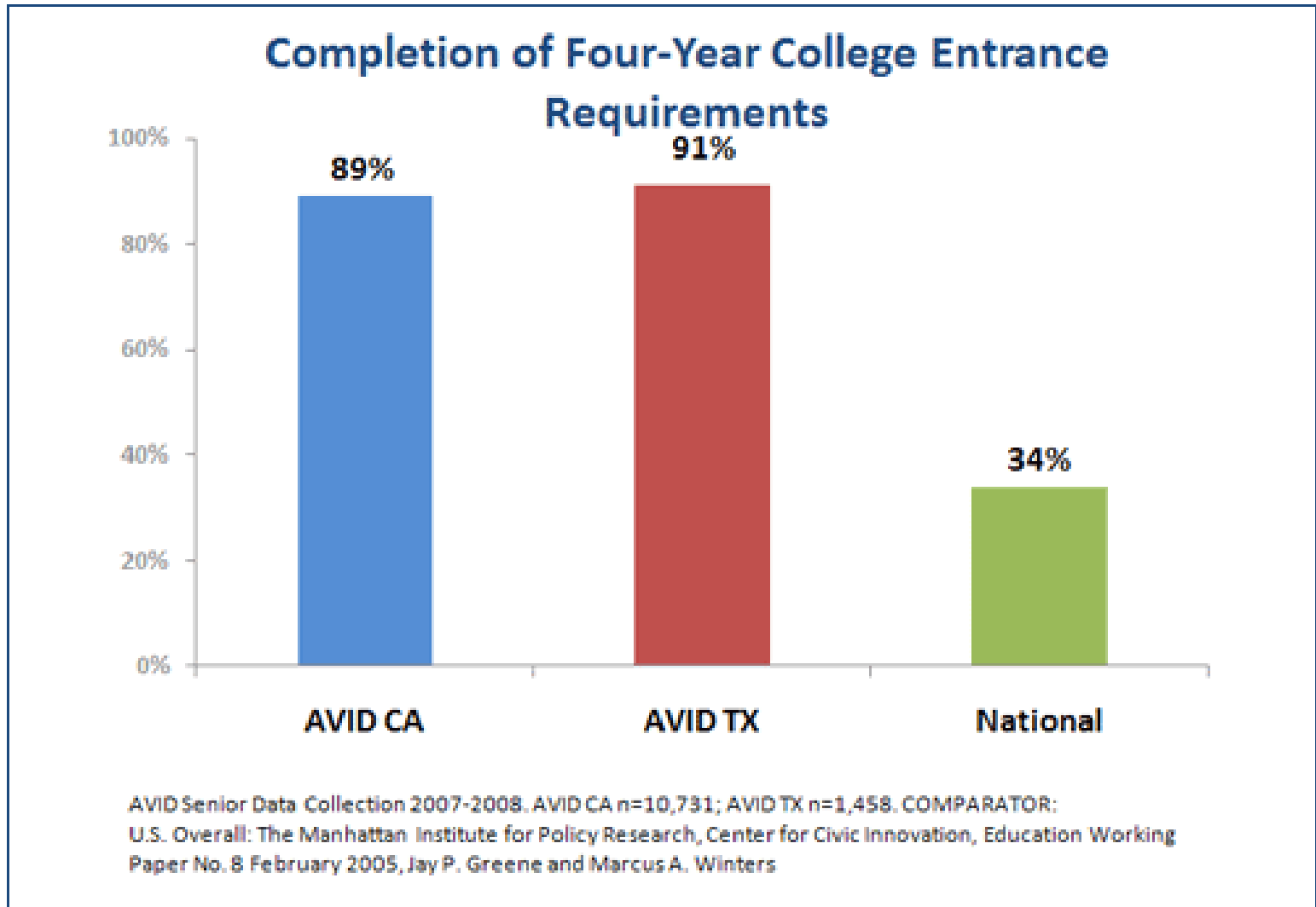
- will succeed in rigorous curriculum,
 - will complete a rigorous college preparatory path,
 - will enter mainstream activities of the school,
 - will increase their enrollment in four-year colleges,
 - and
 - **will become educated and responsible participants and leaders in a democratic society.**
- AVID's systematic approach is designed to support students and educators as they increase schoolwide/districtwide learning and performance

Overview of Data to be Presented

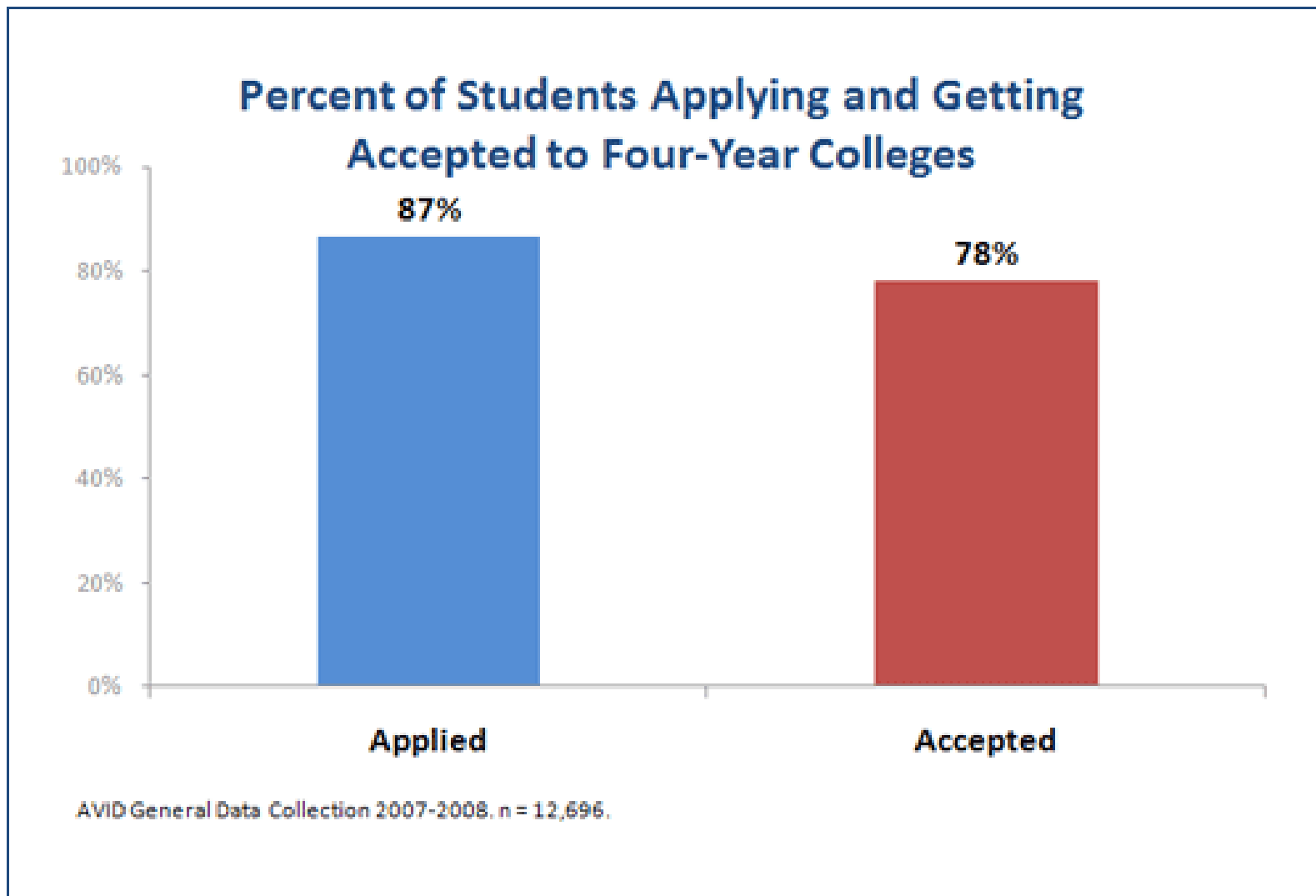
- National AVID Data (2007-08)
- Texas AVID AP Data (2 years):
 - AVID vs Non-AVID students in 2006-07 and 2007-08
 - AVID Senior/Graduate Classes of 2004-2007
- Texas AVID SAT and ACT data
- AVID AP Data in Other states
- Recent Research on AVID



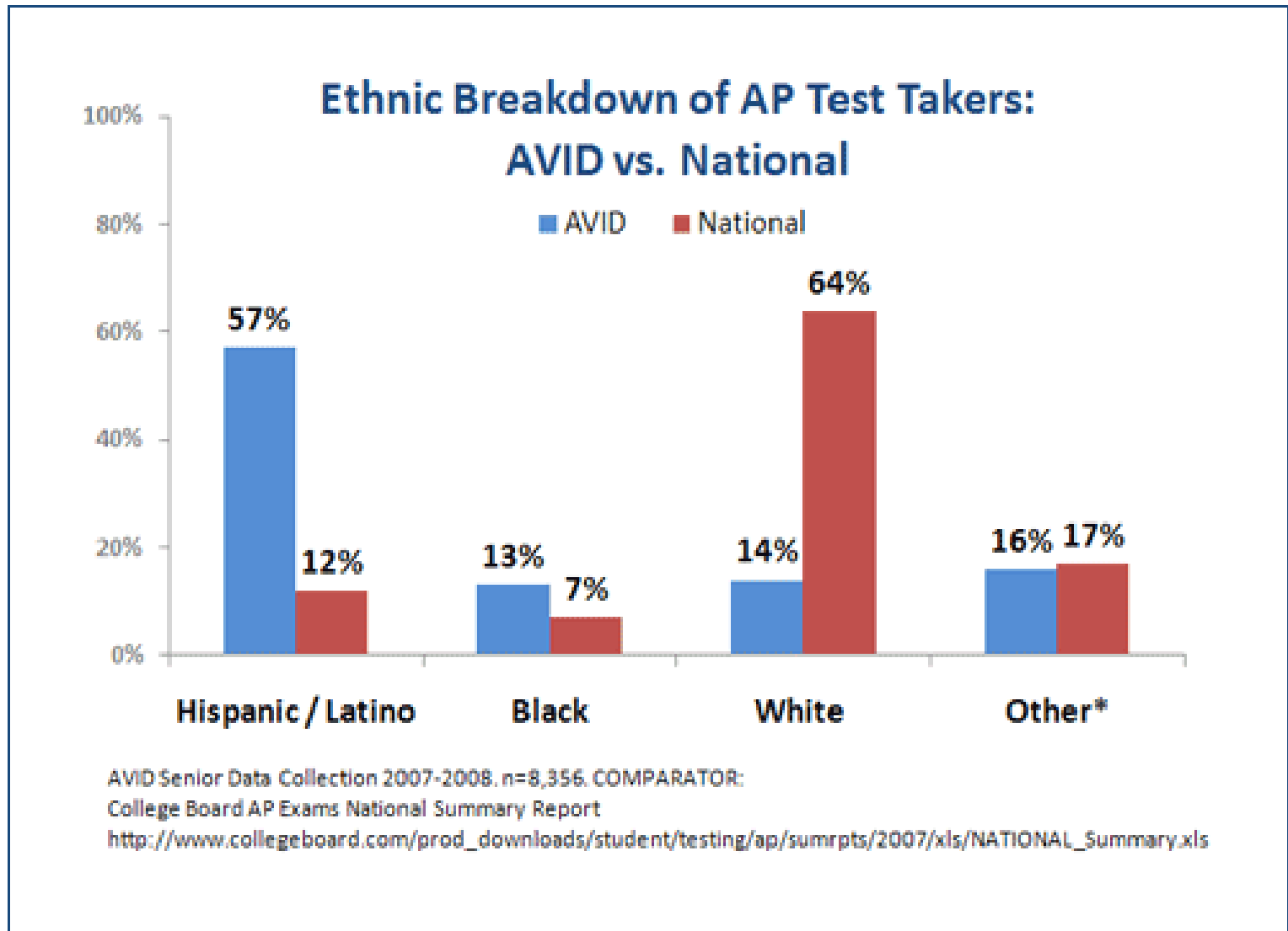
Completion of Four-Year College Entrance Requirements



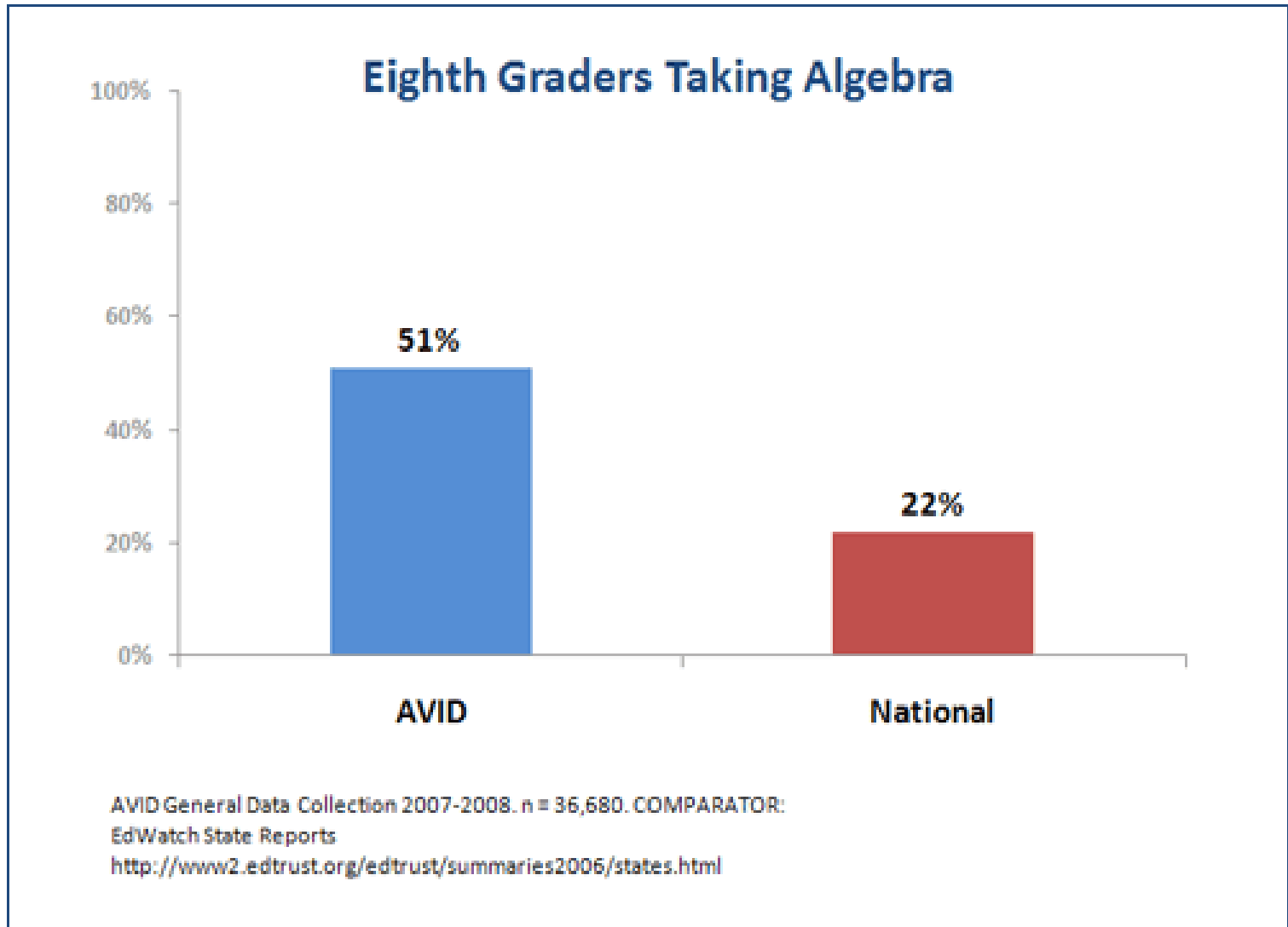
Percent of AVID Graduates Applying and Getting Accepted to Four-Year Colleges



Ethnic Breakdown of AP Test-takers



Eighth Grade Algebra



Notes on Methodology and Sources of Data

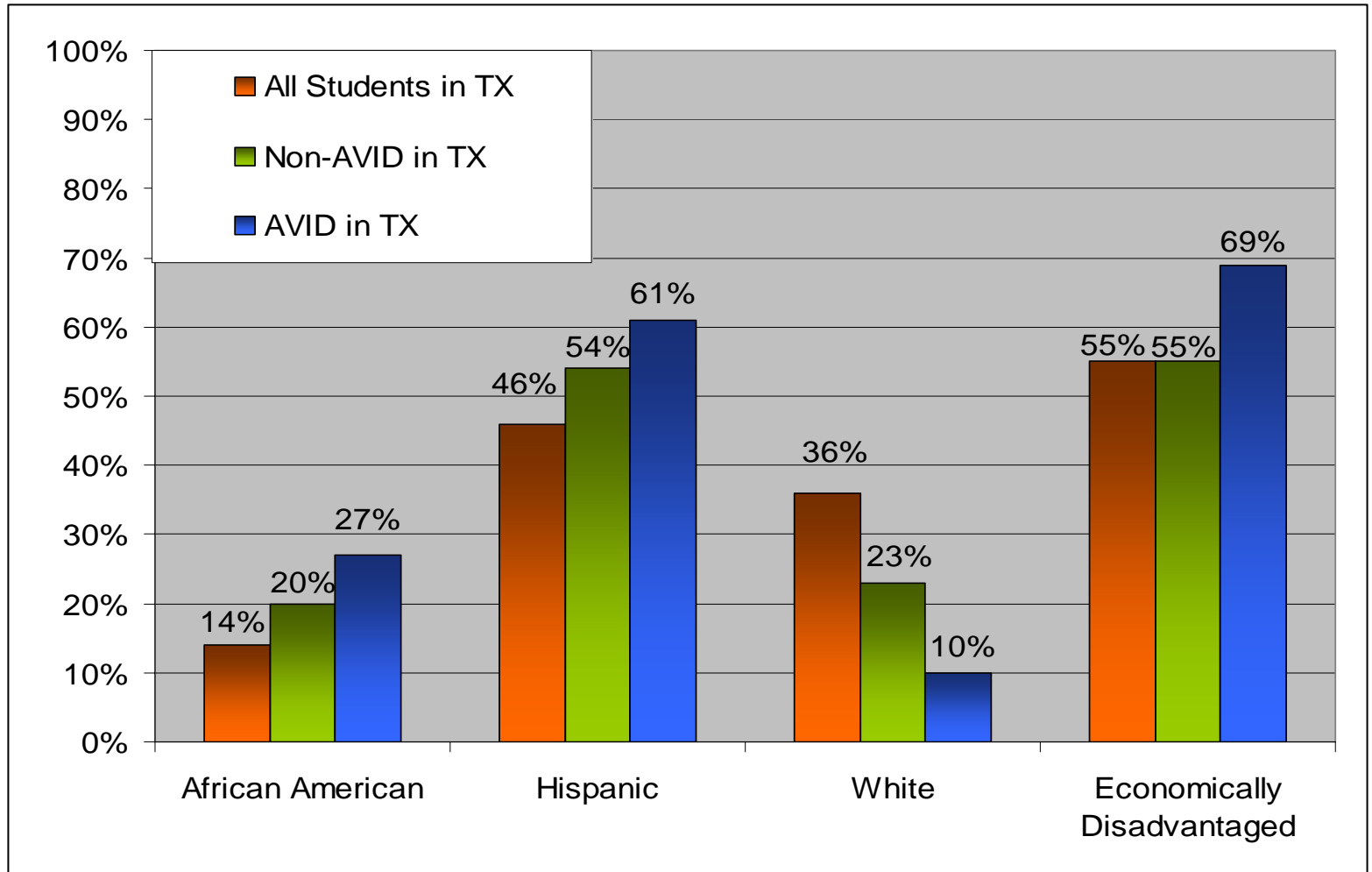
- Non-AVID refers to the non-AVID students in Texas' AVID schools reporting data
- Non-AVID vs. AVID: to provide an accurate comparison, only schools reporting both schoolwide data and AVID student data were used when calculating percentages
- Data Sources:
 - Texas AVID Data Collection Forms (Parts I and II) – For AVID and Non-AVID data
 - AVID Multi State Data Collection Forms – For State specific data.
 - College Board – AP Report to the Nation; State Summary Reports; Archived AP Data:
 - <http://professionals.collegeboard.com/data-reports-research/ap/archived>
 - Texas Education Agency (TEA) – Standard Reports; AEIS Reports:
 - http://www.tea.state.tx.us/adhocrpt/Standard_Reports.html
 - <http://www.tea.state.tx.us/perfreport/aeis/index.html>

Notes on Methodology Continued

- Much of the presented data are from Texas schools (60)
- 89 schools agreed to participate in a multistate study, 16 dropped out, 65 are still collecting data, and we have received 6 forms from 2 states.



Non-AVID vs. AVID Demographics from Texas AVID Schools Reporting AP Data (2004-2008)*



*Average percentages presented for 2004-05, 2005-06, 2006-07, 2007-08 (original values within 2 percentage points of average values)

2006-07 AP Data in Texas

Percent of 11th and 12th Graders Taking AP Courses and AP Exams

	English		Calculus		Science		History		Language	
	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX
AP Course	16.5	34.9	4.1	3.8	3.9	5.5	18.3	36.1	3.6	5.0
AP Exam	12.4	23.6	3.3	2.3	2.9	4.5	12.1	26.4	3.6	5.7
Percent of Exams with a Score of 3 or Higher										
Non-AVID v AVID	37.0	9.7	47.0	10.3	48.2	14.5	29.8	9.1	59.9	79.3

AVID 11th and 12th Grade Students: 2,948

Non-AVID 11th and 12th Grade Students : 58,156

2007-08 AP Data in Texas

Percent of 11th and 12th Graders Taking AP Courses and AP Exams

	English		Calculus		Science		History		Language	
	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX
AP Course	21.4	34.4	6.7	7.0	6.4	6.0	21.5	35.3	3.5	5.6
AP Exam	13.5	20.4	4.7	4.3	6.0	4.6	12.2	18.3	3.3	5.9
Percent of Exams with a Score of 3 or Higher										
Non-AVID v AVID	40.3	18.4	49	16.2	27	15.8	30.5	8.1	57.7	60.1

AVID 11th and 12th Grade Students: 3,171

Non-AVID 11th and 12th Grade Students : 48,560

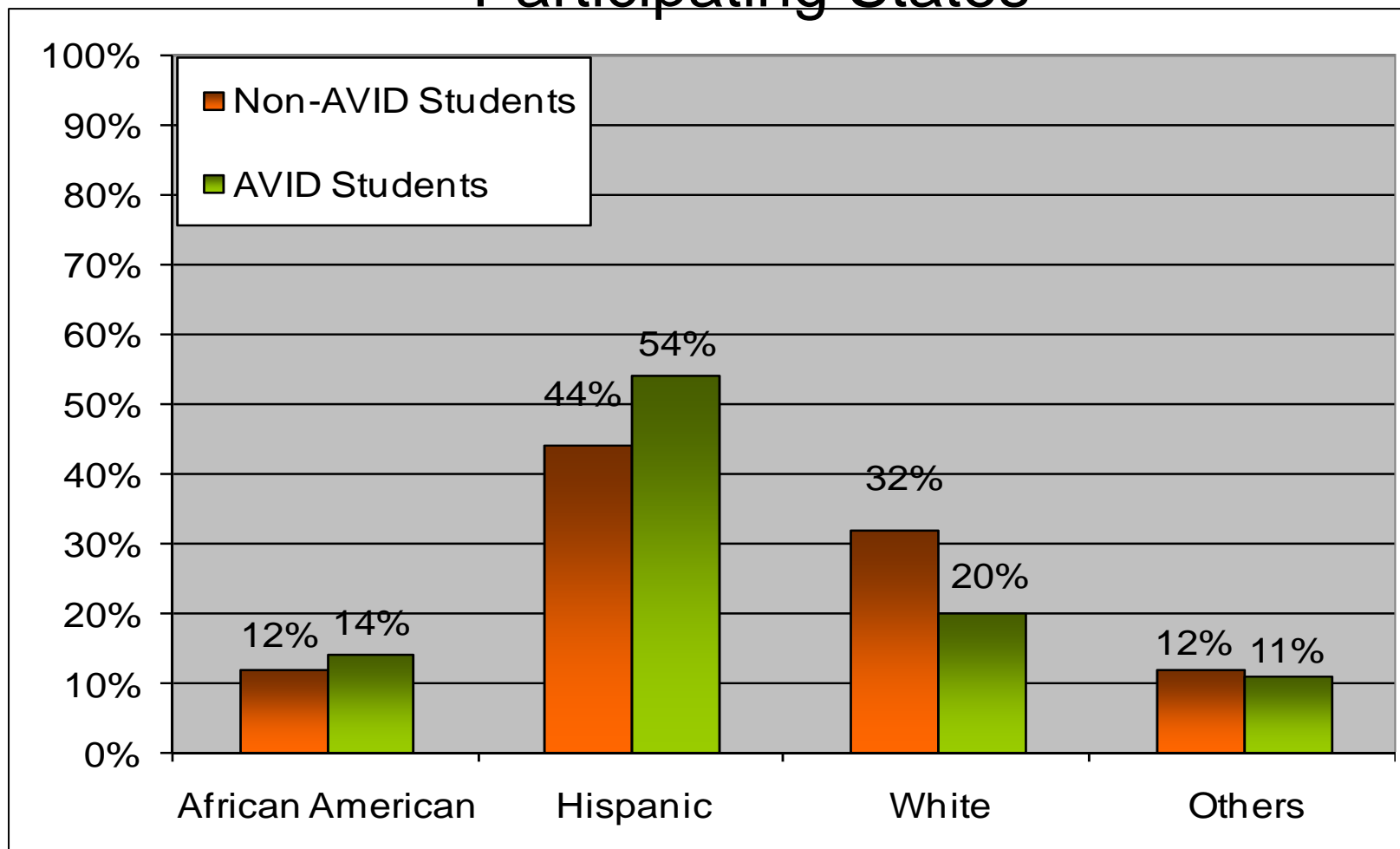
2006-07 AP Data in Texas

Percent of Students (11th and 12th Graders) Taking AP Exams

	English	Calculus	Science	History	Language
AVID in TX	23.6	2.3	4.5	26.4	5.7
Non-AVID in TX	12.4	3.3	2.9	12.1	3.6
TX: Statewide	12.0	3.6	3.9	11.7	2.4
TX: African Am	6.3	1.3	1.2	5.2	0.3
TX: Hispanic	8.5	2.2	2.2	7.6	4.0
TX: White	14.3	4.3	4.6	14.1	1.4

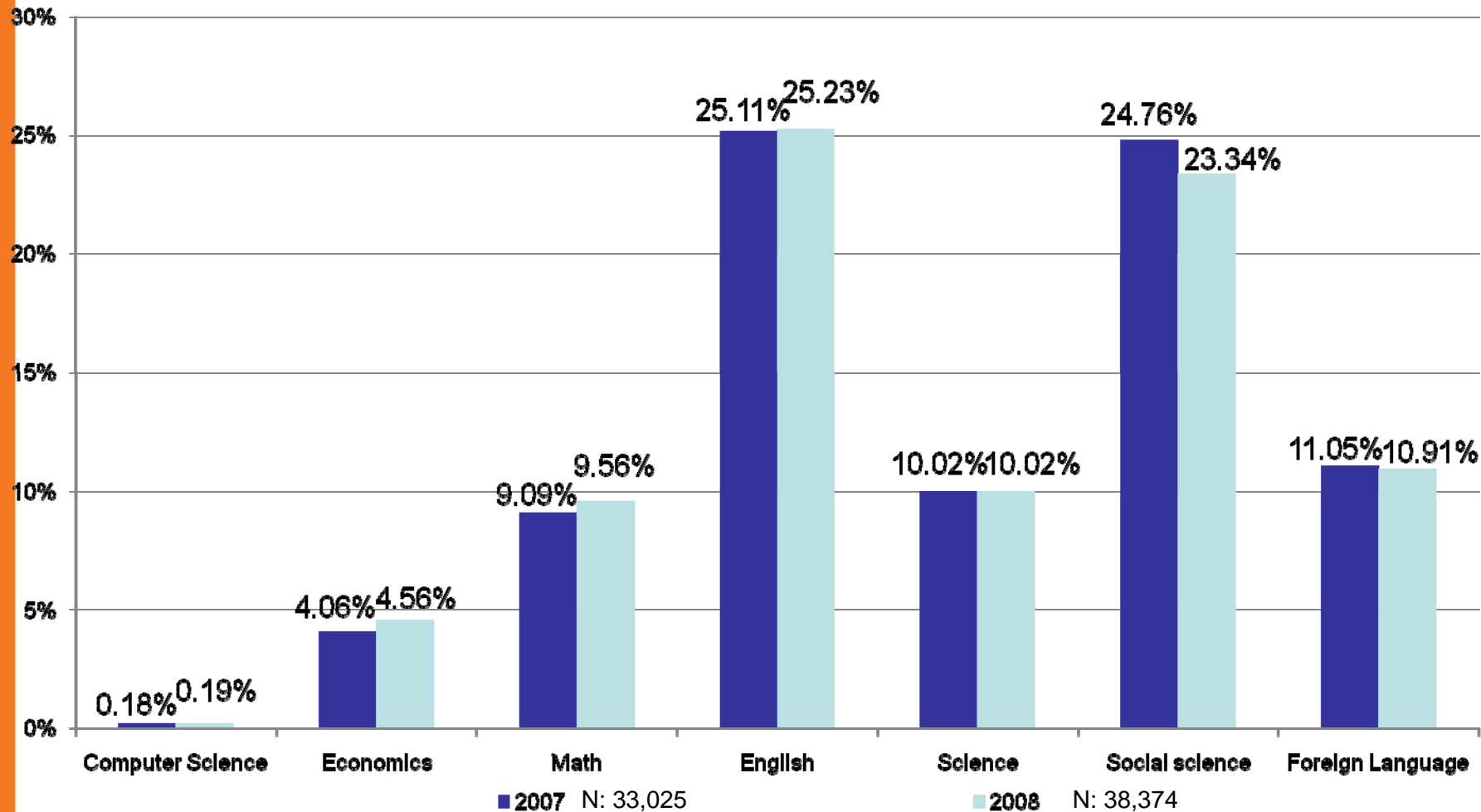
Statewide & race/ethnicity subgroups based on data obtained from the College Board's State Summary AP reports (2007-08 summary not yet available).

Non-AVID vs. AVID Demographics from 10 Participating States



Included States: Arizona, California, Colorado, Tennessee, Texas, New Jersey, Nevada, North Carolina, Virginia, Washington

AVID 11th and 12th Grade Students' AP Course Enrollment in 10 States



Included States: Arizona, California, Colorado, Tennessee, Texas, New Jersey, Nevada, North Carolina, Virginia, Washington

2007-08 AP Data in Tennessee & Colorado

Percent of 11th and 12th Graders Taking AP Courses and AP Exams

	English		Calculus		Science		History		Language	
	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX	Non-AVID In TX	AVID In TX
AP Course	5.3	16.3	2.9	5.7	3.9	8.1	7.1	24.9	0.8	1.4
AP Exam	4.4	10.0	2.7	4.3	2.6	7.7	6.3	27.3	0.8	1.4
Percent of Exams with a Score of 3 or Higher										
Non-AVID v AVID	47.8	23.8	15.3	0	46.3	12.5	29.1	14.0	42.3	66.7

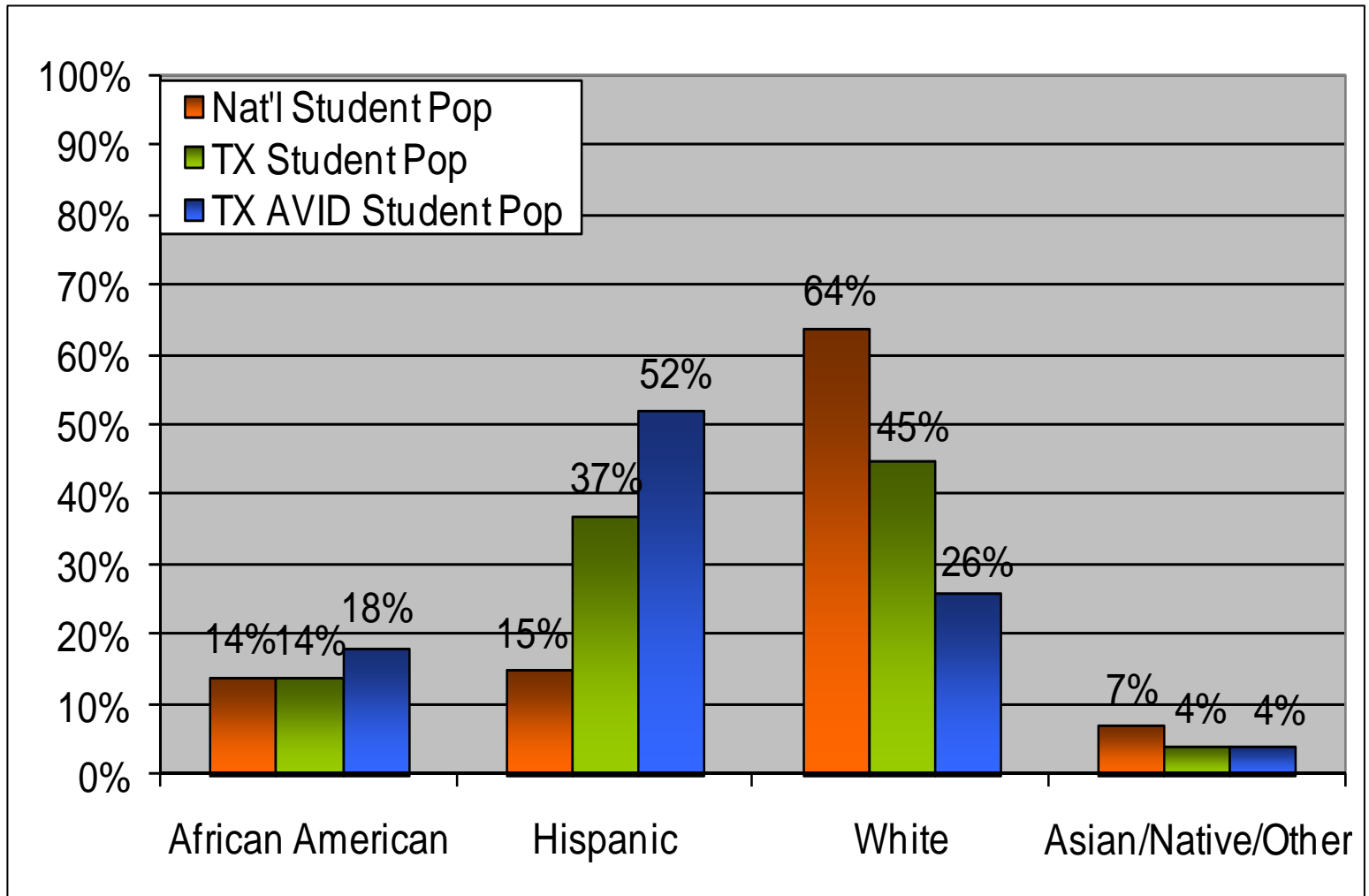
AVID 11th and 12th Grade Students: 209

Non-AVID 11th and 12th Grade Students : 3,164

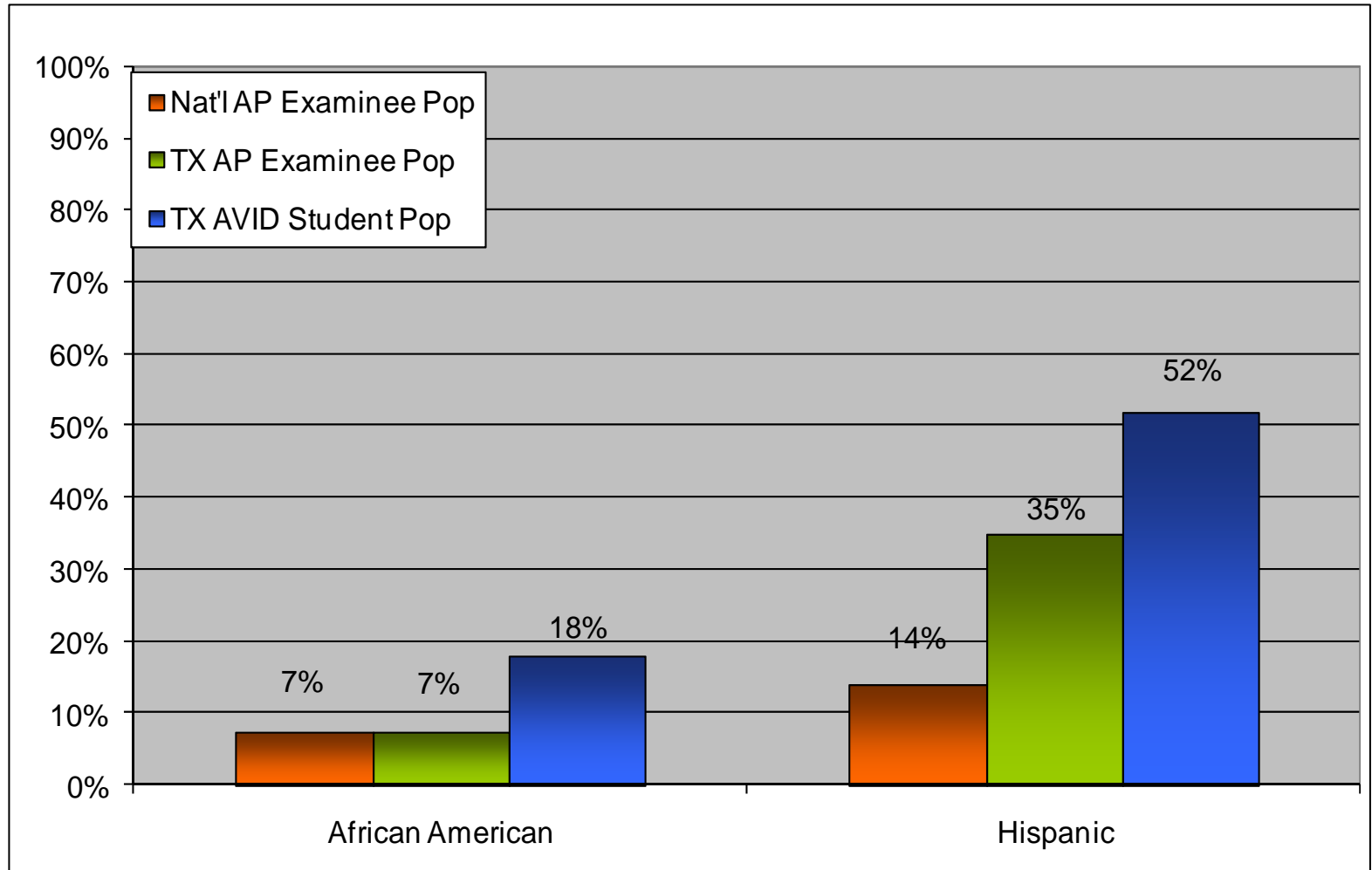
Notable Trends in AVID's AP Exam-Taking Data

- AVID students take AP exams at higher rates than their non-AVID peers
- The percentage of AVID students scoring 3 or higher on AP exams increased in three areas from 2006-07 to 2007-08
- AVID students in Texas are 90% African American or Hispanic and AP exam taking rates exceed those of all student groups in Texas, with the exception of Texas White students taking AP Calculus and Science exams

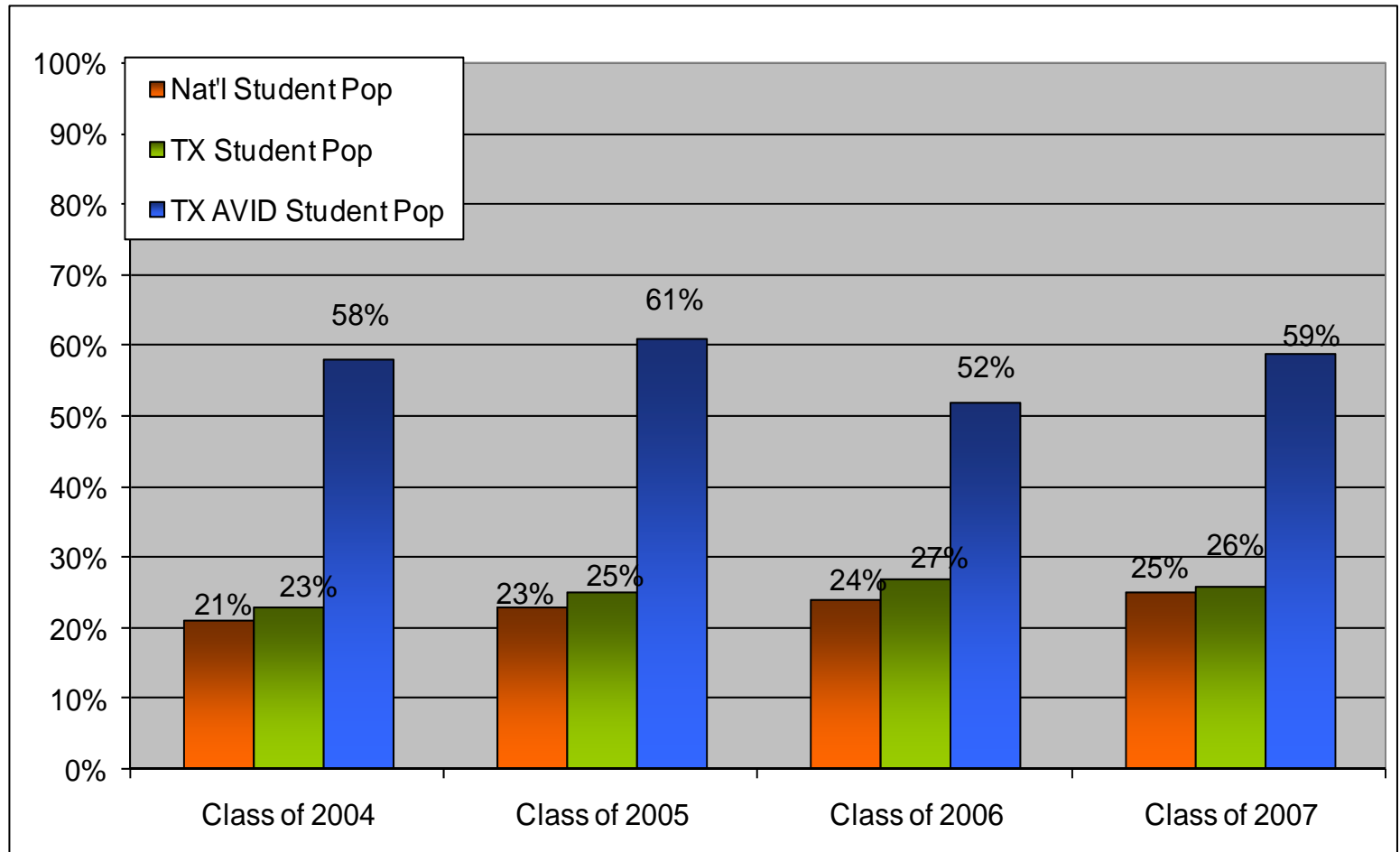
Comparison of Senior/Graduate Class by Race/Ethnicity (2007)



Highlight of Minority AP Examinees from Senior/Graduate Class (2007)

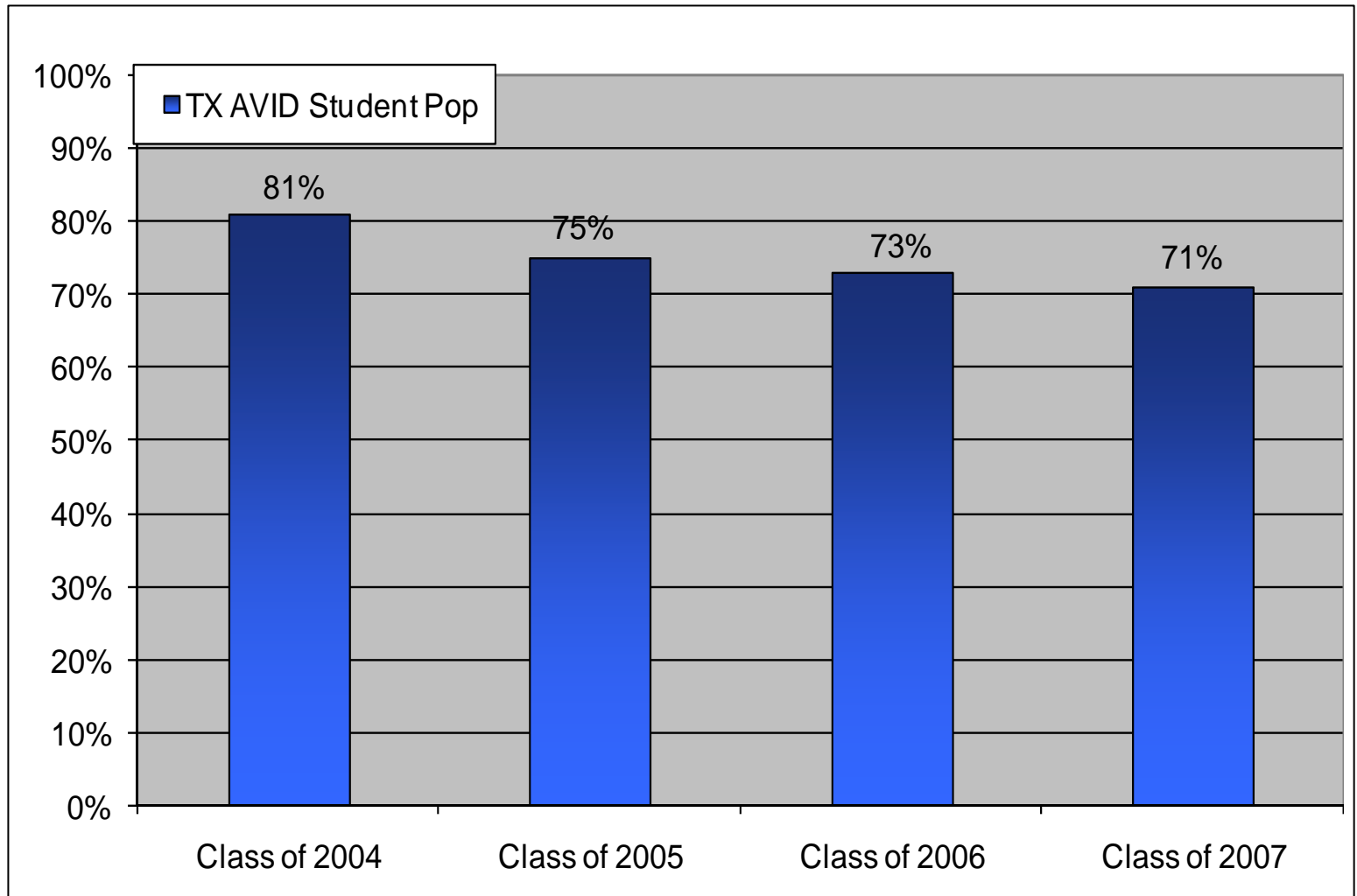


Percent of Senior/Graduate Class Who Took At Least One AP Exam

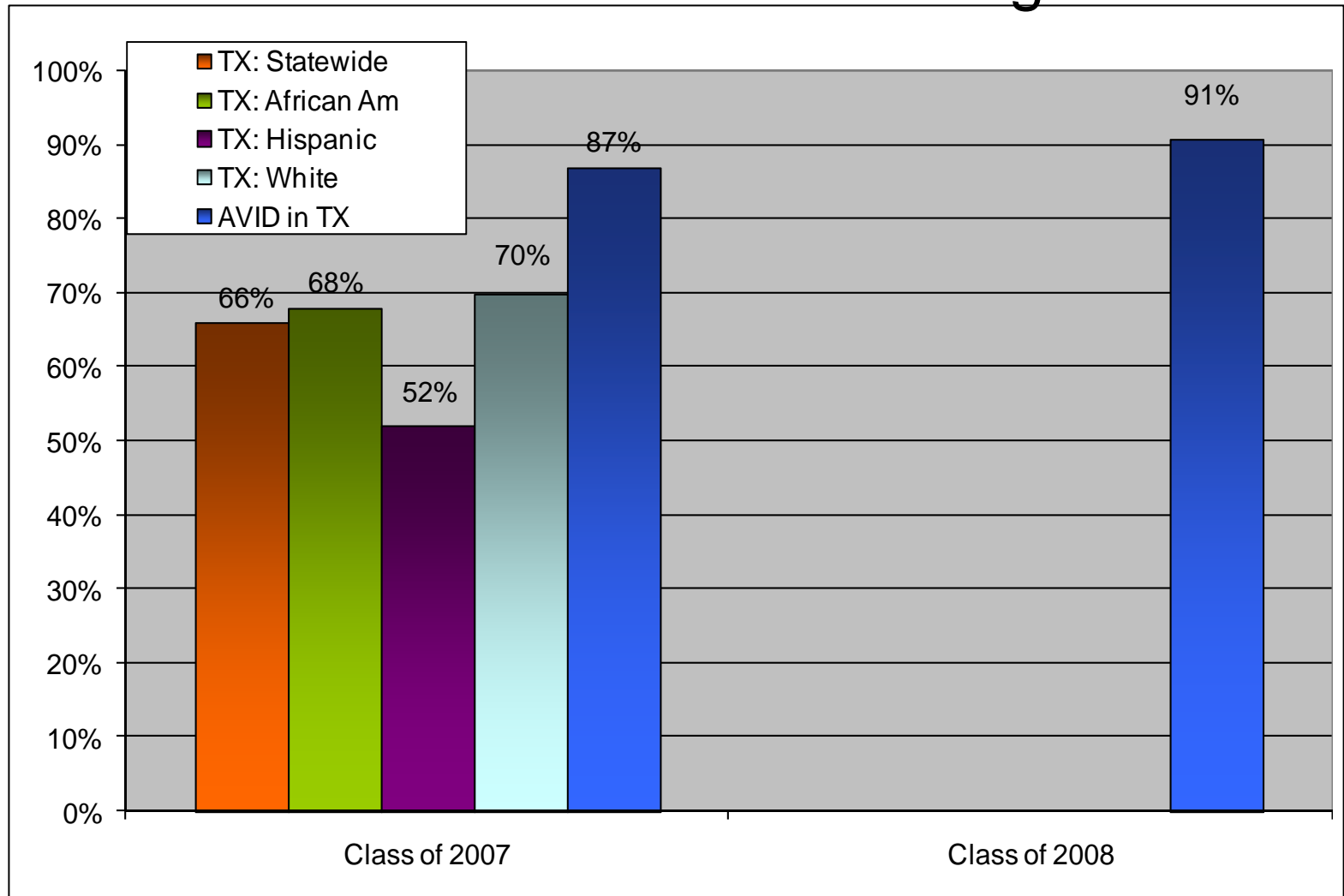


***National & Texas data obtained from the College Board's AP Report to the Nation;**

Percent of Senior/Graduate Class Who Took At Least One AP Course

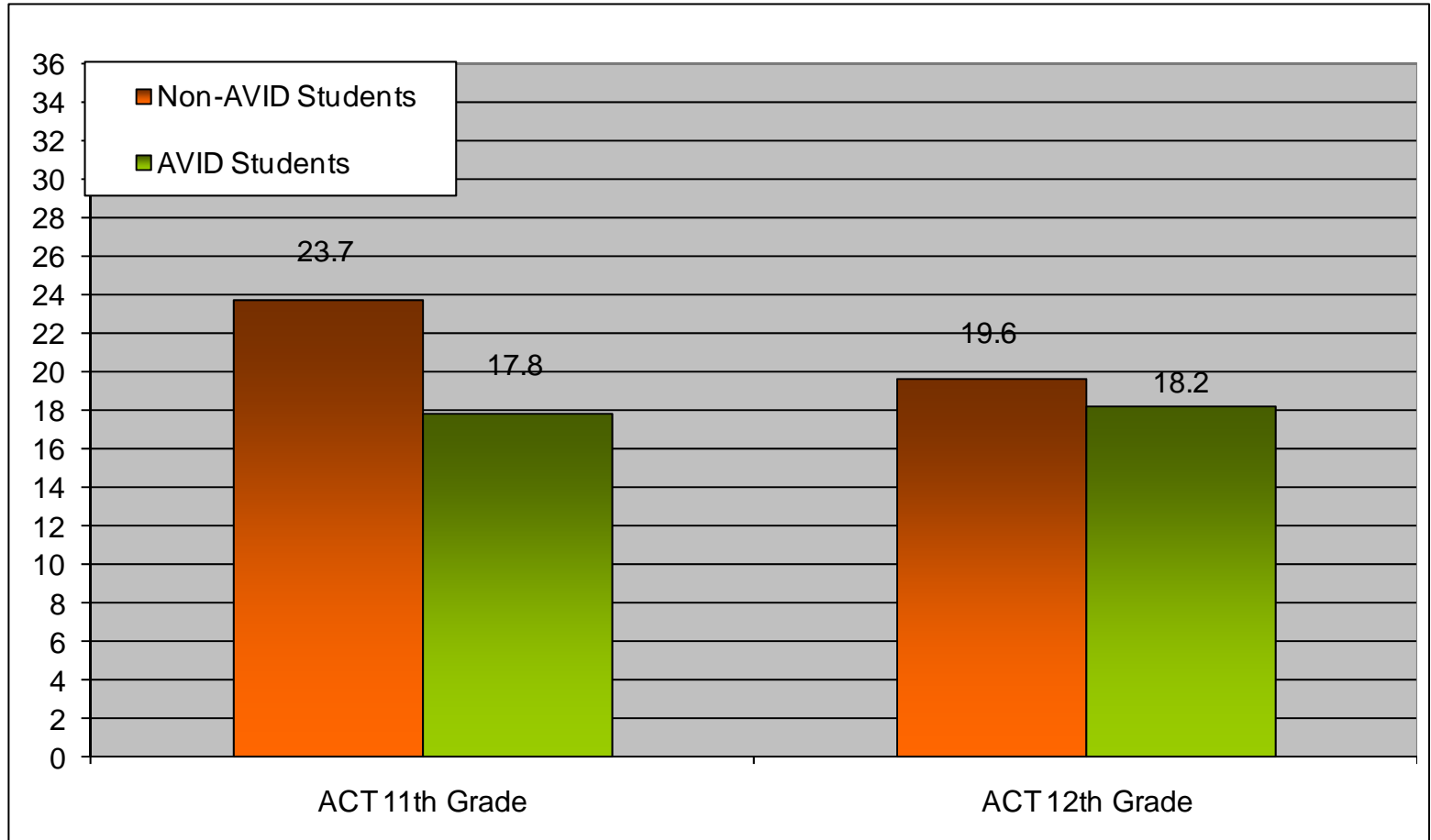


Percent of Senior/Graduate Class Who Took an SAT or ACT Exam in High School



*Data for Statewide & Race/Ethnicity subgroups obtained from TEA, Data unavailable for the class of 2008

Average ACT Scores for Texas AVID Students in 2007-2008



11th Grade

Non-AVID N = 2,744

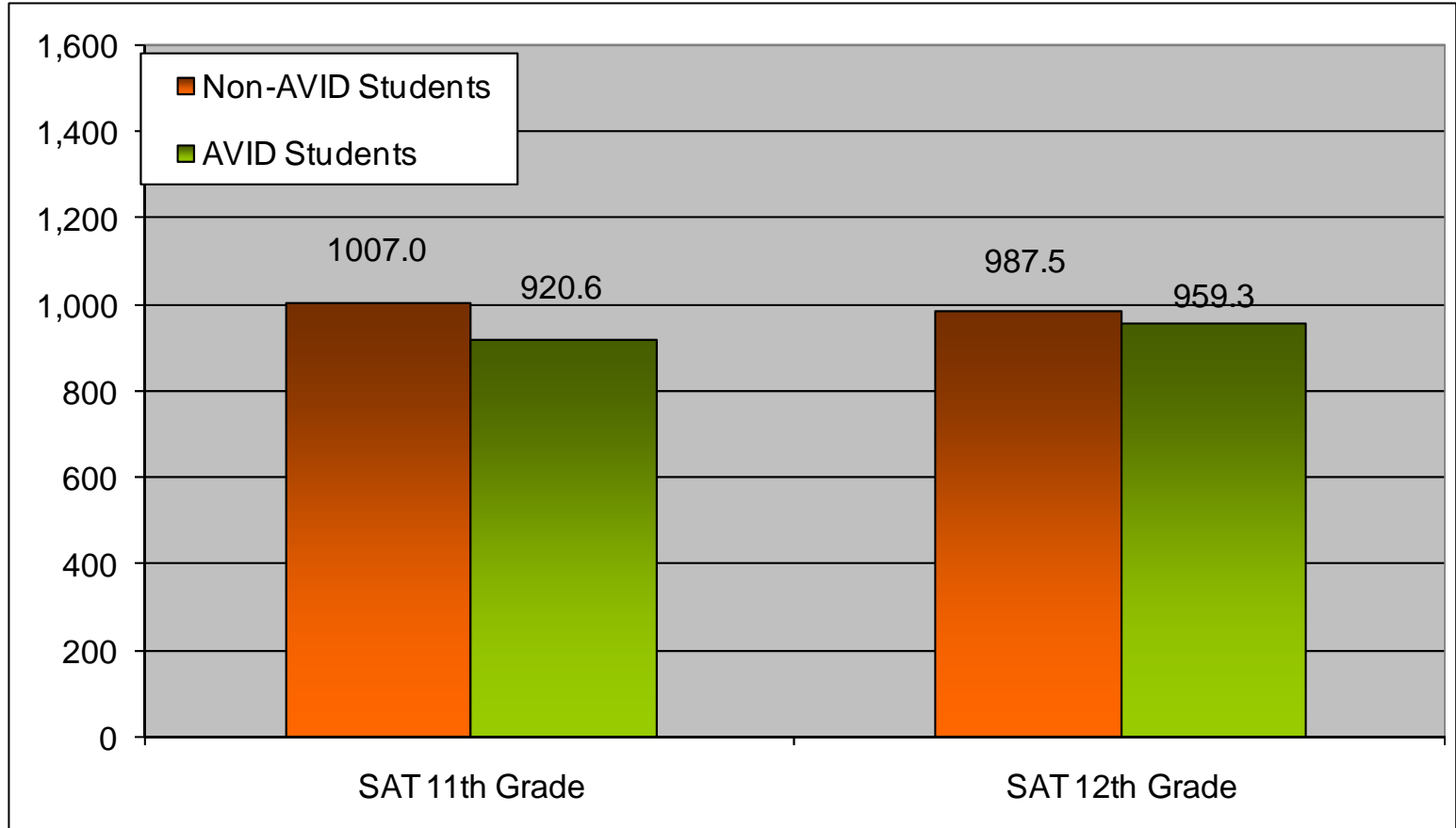
AVID N = 449

12th Grade

3,933

383

Average SAT Scores for Texas AVID Students in 2007-2008



	11 th Grade	12 th Grade
Non-AVID N =	3,807	6,335
AVID N =	537	637



AVID Graduates Studies

- Focused transcript research on 100 AVID graduates attending UTPA
- National survey research on 400 AVID grads from the class of 2008
- Dell Scholars Study – over 500 AVID Dell Scholars from 2004-2008



Study of Recent AVID Grads (2006-07)

- Overall average # of AP Courses completed while in high school = 2.38
- The more AP courses an AVID student took in high school, the higher his/her first semester GPA in college.



Study of Recent AVID Grads (2006-07) - continued

- AVID students who completed more AP courses while in high school tended to take fewer remedial courses in college:
- 0 remedial courses – 3.61 mean AP courses completed
- 1 remedial course – 2.06 mean AP courses completed
- 2 remedial courses – 1.28 mean AP courses completed

New Published Research on AVID

- Watt, Johnston, Mendiola, Huerta, & Alkan (2008). Retention of first-generation college-going seniors in the college preparatory program AVID. *American Secondary Education*, 36:4.
- Huerta, Watt, & Alkan. (2008). Exploring the relationship between AVID professional development and teacher leadership. *Academic Leadership*, 6:1.
- Watt, K.M., Huerta, J., & Lozano, A. (2007). A comparison study of AVID and GEAR UP 10th-grade students in two high schools in the Rio Grande Valley of Texas. *Journal of Education for Students Placed at Risk*, 12(2), 1–29.



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