

# **WASHOE K-16 DATA PROFILE**

**TRUCKEE MEADOWS COMMUNITY COLLEGE  
UNIVERSITY OF NEVADA, RENO  
WASHOE COUNTY SCHOOL DISTRICT**

**Prepared By:  
Education Collaborative of Washoe County  
*Joint Data Profile Committee***

**August 2004**

# DATA PROFILE COMMITTEE

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### Nevada Department of Education

Denise Quon, **Evaluation Consultant**

# **DATA PROFILE COMMITTEE**

## **Acknowledgment for Special Assistance in Preparing the 2004 Data Profile:**

### **Washoe County School District**

Jennifer Crow, Program Services Coordinator

Jim Grace, Reporting Specialist

Kathy Butler, Student Accounting Assistant

Kathy Freeman, Consultant

### **University of Nevada, Reno**

Virginia Moore, Management Analyst III

# Summary

## Introduction

For the past seven years, the University of Nevada, Reno; Truckee Meadows Community College; and the Washoe County School District have collaborated through the Education Collaborative of Washoe County to produce the **Washoe K-16 Data Profile**, formerly called the **High School Data Profile**. The Nevada Department of Education and the University and Community College System of Nevada have participated in this effort. The **Data Profile** is the collection and presentation of data about Washoe County School District high school students and the continuation of those graduates into the University of Nevada, Reno, and Truckee Meadows Community College. Through this effort, we hope to identify factors that can increase the success of our students as they proceed from high school to post-secondary education.

The **Data Profile** has expanded in scope each year. The 2002 edition reported a two-year increasing trend in the percentage of Washoe County School District graduates enrolled in remedial English and/or mathematics courses at both UNR and TMCC. Concern about this trend and its potential impact on students led to an increased focus on the remediation issue for the 2003 and 2004 editions of the **Data Profile**. An analysis of transcripts of 346 WCSD high school graduates in the Class of 2003 provides a comprehensive profile of students enrolled in remedial math at UNR and TMCC.

The Education Collaborative of Washoe County hopes that this and future issues of the **Data Profile** will continue to help educators, parents, students, and our community better prepare our graduates for a successful transition into higher education and for continued success throughout their college careers.

# Summary

## Summary of Data Trends

### WCSD Graduates including the Class of 2003

- The WCSD dropout rate continued its four-year decline to a record low of 2.8%. It again is significantly lower than the statewide dropout rate in 2003 of 6.0%. The dropout rate for 10 of the 11 high schools open for the last five years was lower in 2003 than it had been in 1999. Since the 1999-2000 school year, the dropout rate has decreased significantly for all ethnic groups:
  - From 6.5% to 3.5% for African Americans;
  - From 3.1% to 1.9% for Asian students;
  - From 9.1% to 4.7% for Hispanic students;
  - From 7.9% to 4.4% for Native Americans;
  - From 4.4% to 2.2% for White students.

In addition, the gap in dropout rates between White students and students of each of the other ethnic groups has narrowed significantly.

- Of those seniors with enough credits to graduate, 99.9% passed the Reading and Writing portions of the High School Proficiency Exam, and 96% passed the Math portion. The Class of 2003 was the first class required to meet the state standards under the Nevada Education Reform Act of 1997, the first to have to pass the HSPE aligned to these standards, and the first required to pass three credits in mathematics to graduate.
- Although the number of students taking the ACT and SAT has grown dramatically since 1999, the percentage of graduates taking these tests is significantly lower than it was in 1999.
- SAT math and verbal scores have risen 15 and 10 points respectively in the last two years. They have both risen significantly and steadily since 1999. WCSD ACT and SAT scores exceed those of both the state and the nation.

# Summary

## **WCSD Graduates including the Class of 2003 (continued)**

- The percentage of WCSD juniors and seniors enrolled in Advanced Placement courses has risen by 33% since 1999, with most of the increase occurring since 2001. The percentage has increased at every high school open since 1999. The number of AP exam candidates has risen by 42% since 1999.
- Over one-third of the 2003 graduates at six high schools had taken at least one AP examination as a junior or senior.
- There has been almost a 50% increase in the percentage of high school students enrolled in advanced science courses (Chemistry and above) since 1999.

## **College Data: Washoe County School District Graduating Cohorts**

- At least 66% of WCSD 2003 graduates went on to higher education in the fall immediately following graduation. This percentage exceeds the national average of 65%.
- Over 80% of WCSD college-going graduates in 2003 attended either UNR or TMCC.
- The percentage of WCSD graduates attending UNR and TMCC the following fall has increased from 46% to 55% since 1999. The percentage attending UNR has risen from 25% to 30% in that same time period. The percentage attending TMCC has risen from 21% to 26% since 1999. There has been a 42% increase in the number of WCSD graduates going on to UNR and TMCC since 1999.
- The percentage of WCSD graduates enrolled in remedial classes at both UNR and TMCC was unchanged compared to the Class of 2002. The percentage at both institutions remains significantly higher for the Class of 2003 compared to the Class of 1999.
- Both the composite ACT and combined SAT scores for WCSD graduates attending UNR have increased for the Class of 2003 compared to the Class of 2002. The combined SAT scores for the WCSD Class of 2003 attending UNR represent a five-year high.

# Summary

## College-Level Remediation in Mathematics at the University of Nevada, Reno and Truckee Meadows Community College

### **Of WCSD graduates enrolled as freshmen in college level remedial mathematics at TMCC in 2003:**

- Eighty-eight percent were placed into remedial math classes based on their Accuplacer or ACT cut scores.
- Only 3% qualified for college-level math but self-selected remedial math.
- Another 9% self-selected remedial math but had not taken the placement tests.

### **Of WCSD graduates enrolled as freshmen in college-level remedial mathematics in 2003:**

- Only 16% at UNR and only 2% at TMCC had taken four years of high school math including a course beyond Algebra 3-4.
- Only 35% at UNR and only 20% at TMCC had taken four years of high school math.
- Fifteen percent at UNR and 56% at TMCC had not passed Algebra 3-4 or higher math courses in high school.

### **Of WCSD graduates enrolled as freshmen in college-level remedial mathematics in 2003 and who passed Algebra 3-4 in high school:**

- Sixty-one percent at UNR and 72% at TMCC had grades of C or lower in Algebra 3 and Algebra 4.
- The average cumulative math GPA in high school was 2.50 for UNR students and 2.38 for TMCC students.

# Summary

## **Conclusions of 3-Year Review of Remediation Data for WCSD Graduates Enrolled as Freshmen at UNR and TMCC**

- Over 70% of WCSD freshmen at UNR are not enrolled in remediation in English or math compared to roughly 60% of freshmen at TMCC who are enrolled in remediation. In part, this reflects differing entrance requirements of the two institutions. Although encouragement of freshmen at TMCC to enroll in English and math their first year coupled with diligent use of placement tests may result in larger numbers of students enrolled in remedial classes, this still appears to contribute to increased persistence of these freshmen in their second and third semesters.
- The overwhelming majority (over 80%) of students enrolled in remedial English or math as freshmen are there because of their placement exam scores and not because of self-selection.
- Enrollment in high school mathematics beyond the level of Algebra 3-4 dramatically reduces the likelihood that a student will need math remediation in college. Enrollment in Advanced Placement English and mathematics courses in high school also appears to reduce the likelihood that a student will need remediation in those content areas in college.
- Students who need remedial math in college are characterized by generally not having taken four years of high school math, not having taken math beyond Algebra 3-4, and often not even having taken and passed Algebra 3-4.
- Those students enrolled in remedial math in college who had completed Algebra 3-4 in high school were generally students who earned a C grade or lower in Algebra 3-4. The average cumulative math GPA in high school of these students was 2.43.



# Summary

## Recommendations for Future Work

- Examine Washoe County data at the four key transition points from high school to completion of a college degree: high school graduation rate, college-going rate, persistence rate after two college semesters, college graduation rate.
- Begin to disaggregate selective data sets by student ethnicity.
- Continue to improve the capability to identify factors that promote or retard student success in higher education.

# DATA PROFILE PROJECT

## History of Data Profile Project

### ◆ **First research completed in 1998**

- Tracking and analysis of 1997 WCSD graduating cohort
- Baseline data established
- Comparisons made to state and national measures

### ◆ **Research continued through 2004**

- Tracking and analysis of 1998 through 2003 WCSD graduating cohorts
- Comparisons made to 1999 data, as well as state and national measures

# WCSD HIGH SCHOOLS

## Thirteen High Schools Included in Data Profile:

- Galena
- Gerlach
- Hug
- Incline
- McQueen
- North Valleys
- Reed
- Reno
- Spanish Springs
- Sparks
- TMCC HS
- Washoe
- Wooster

Some data may be limited for North Valleys & Spanish Springs high schools, which opened without a senior class in the 2001-02 school year.

# REPORT CONTENT

## Academic Year '03

High School outcome measures for the class of 2003, with comparisons to 1999, 2000, 2001 and 2002 classes



## College Data

College outcome measures for 2003, with comparisons to 1999, 2000, 2001, and 2002 graduates



## Summary

Summary of data & conclusions



## Measures

Teachers Teaching Within Area of Licensure  
Dropout Rates  
HSPE Scores  
College Entrance Exams  
College Prep

Capture Rates

Remediation

Persistence Rates

College Entrance Exams

Recommendations

# ACADEMIC YEAR 2003

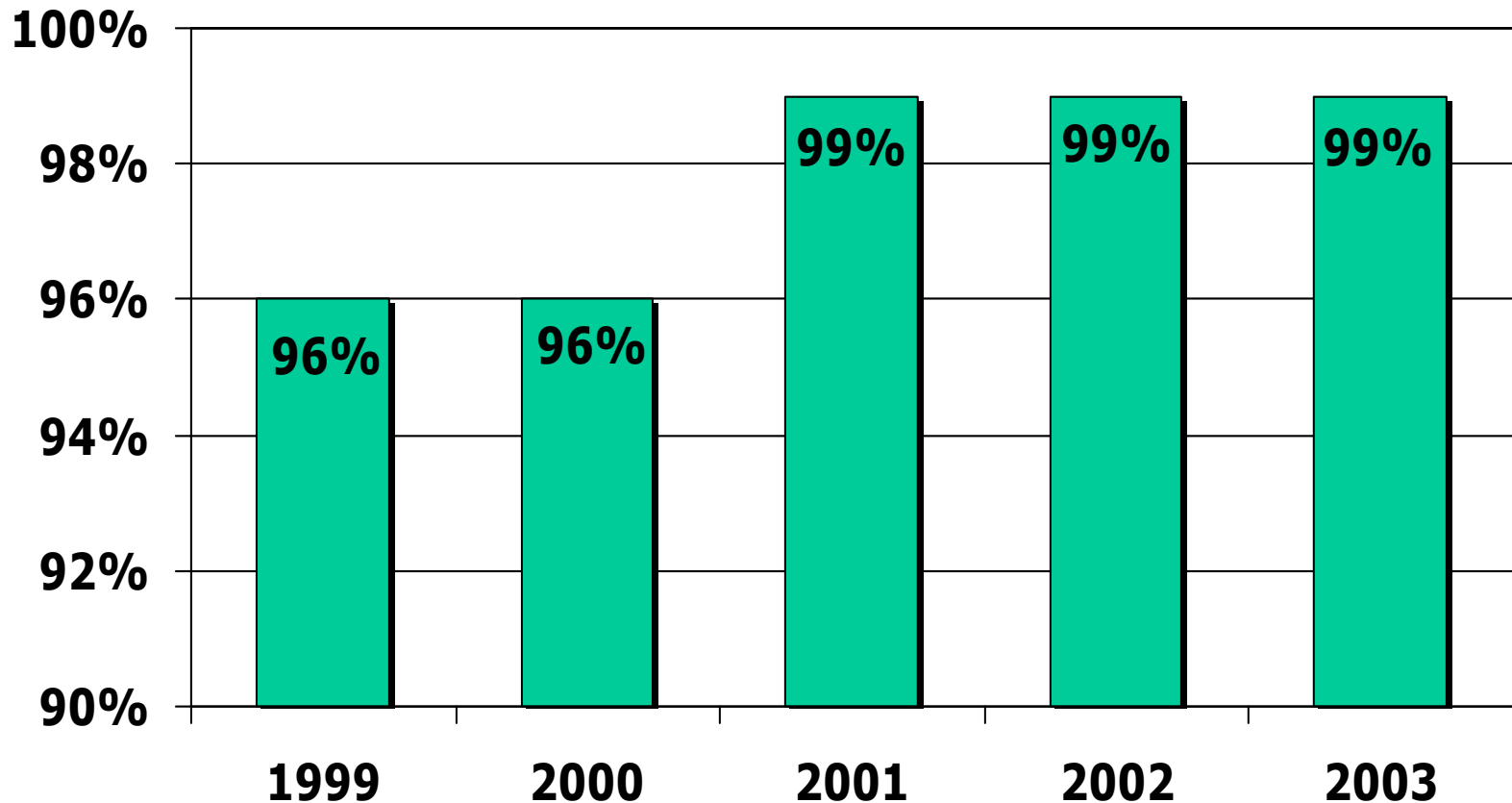
## Measures

- ◆ **Teachers Teaching within Area of Licensure**
- ◆ **Dropout Rate:** Percent of students in grades 9-12 who dropped out of school during the school year
- ◆ **High School Proficiency Exam:** Percent of students passing each section of the state-mandated Nevada High School Proficiency Exam
- ◆ **College Entrance Exams:** Scores and participation rates on ACT and SAT exams
- ◆ **College Preparatory Courses:** Percent of students enrolling in Advanced Placement, advanced math (algebra 3 & above), and advanced science (chemistry & above)

# ACADEMIC YEAR 2003

## Washoe County School District

### Teachers Teaching within Area of Licensure

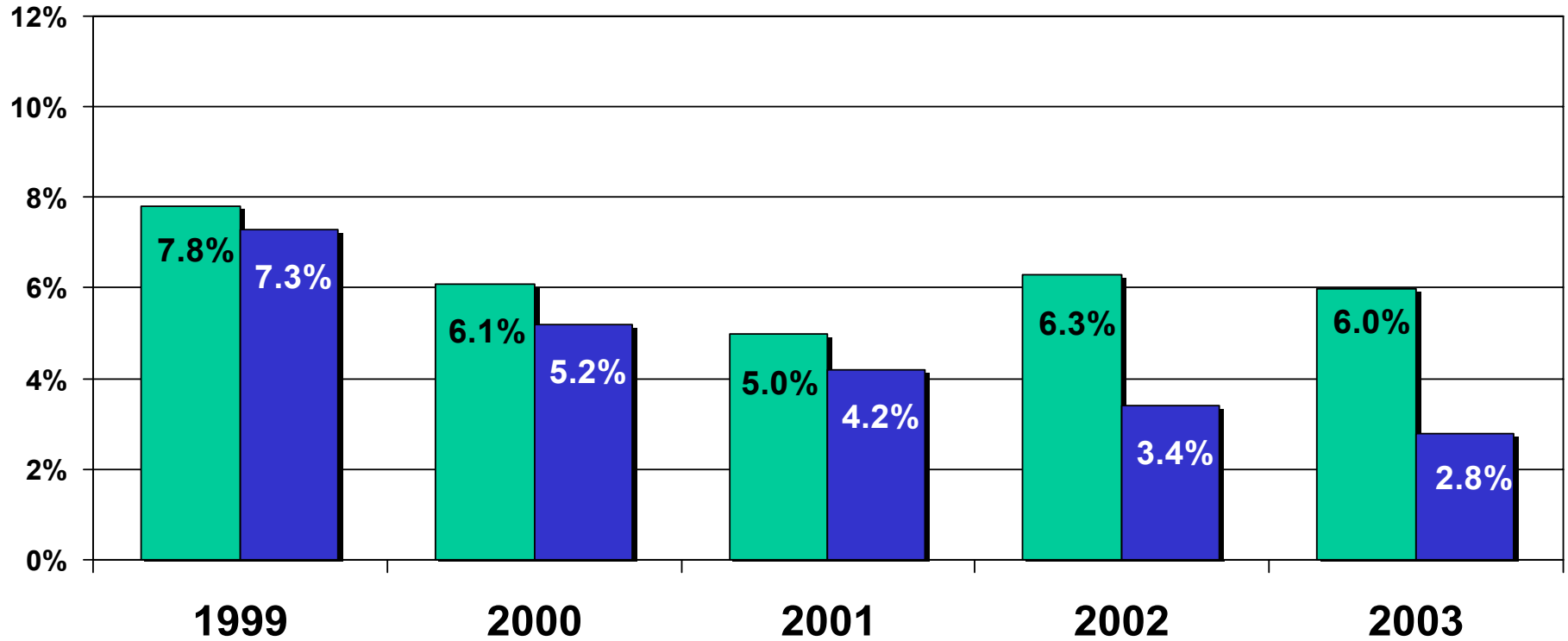


# ACADEMIC YEAR 2003

## Dropout Rates

### Nevada vs. WCSD

■ Nevada ■ WCSD



# ACADEMIC YEAR 2003

## Dropout Rates by High School

HIGH SCHOOLS	1998-99	1999-00	2000-01	2001-02	2002-03
Galena	1.8%	3.7%	1.1%	2.5%	1.9%
Gerlach	6.3%	6.1%	2.7%	2.9%	0.0%
Hug	11.0%	5.3%	5.9%	5.9%	7.2%
Incline	1.6%	1.1%	0.7%	2.7%	1.2%
McQueen	2.3%	2.1%	2.5%	1.7%	0.9%
North Valleys	Not Open			2.5%	2.5%
Reed	4.3%	2.9%	2.7%	1.3%	1.8%
Reno	2.6%	2.9%	2.8%	2.1%	1.7%
Spanish Springs	Not Open			1.3%	1.7%
Sparks	9.5%	6.4%	1.4%	1.7%	1.9%
TMCC HS	6.7%	6.1%	2.4%	2.4%	0.6%
Washoe*	41.9%	34.5%	33.0%	26.2%	10.0%
Wooster	6.9%	3.8%	3.6%	4.0%	5.2%
<b>WCSD Overall</b>	<b>7.3%</b>	<b>5.2%</b>	<b>4.2%</b>	<b>3.4%</b>	<b>2.8%</b>

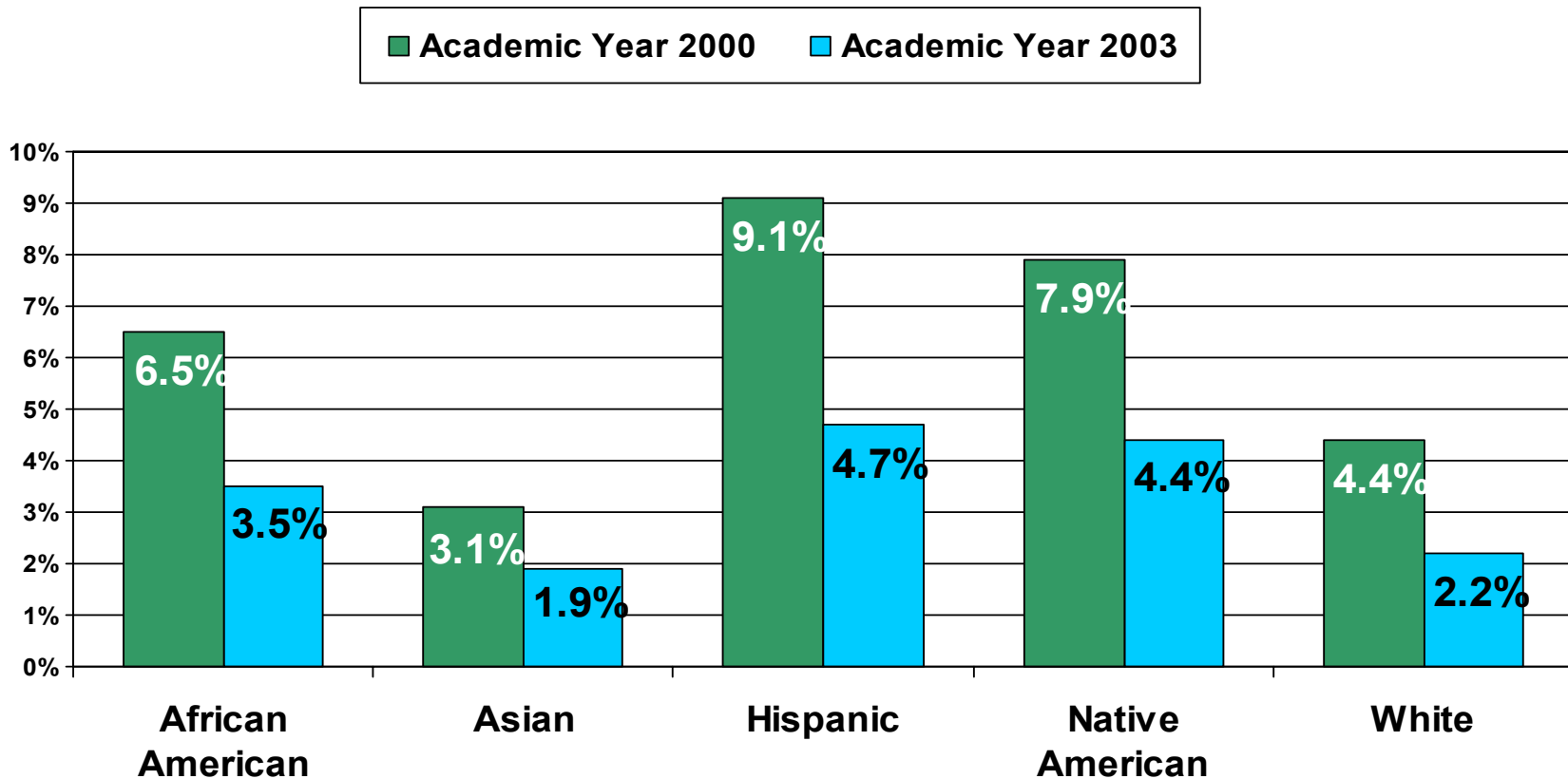
\* Washoe HS is an alternative learning site



# ACADEMIC YEAR 2003

## Dropout Rates by Ethnicity

Percent of Each Ethnic Group to Drop Out in One Year

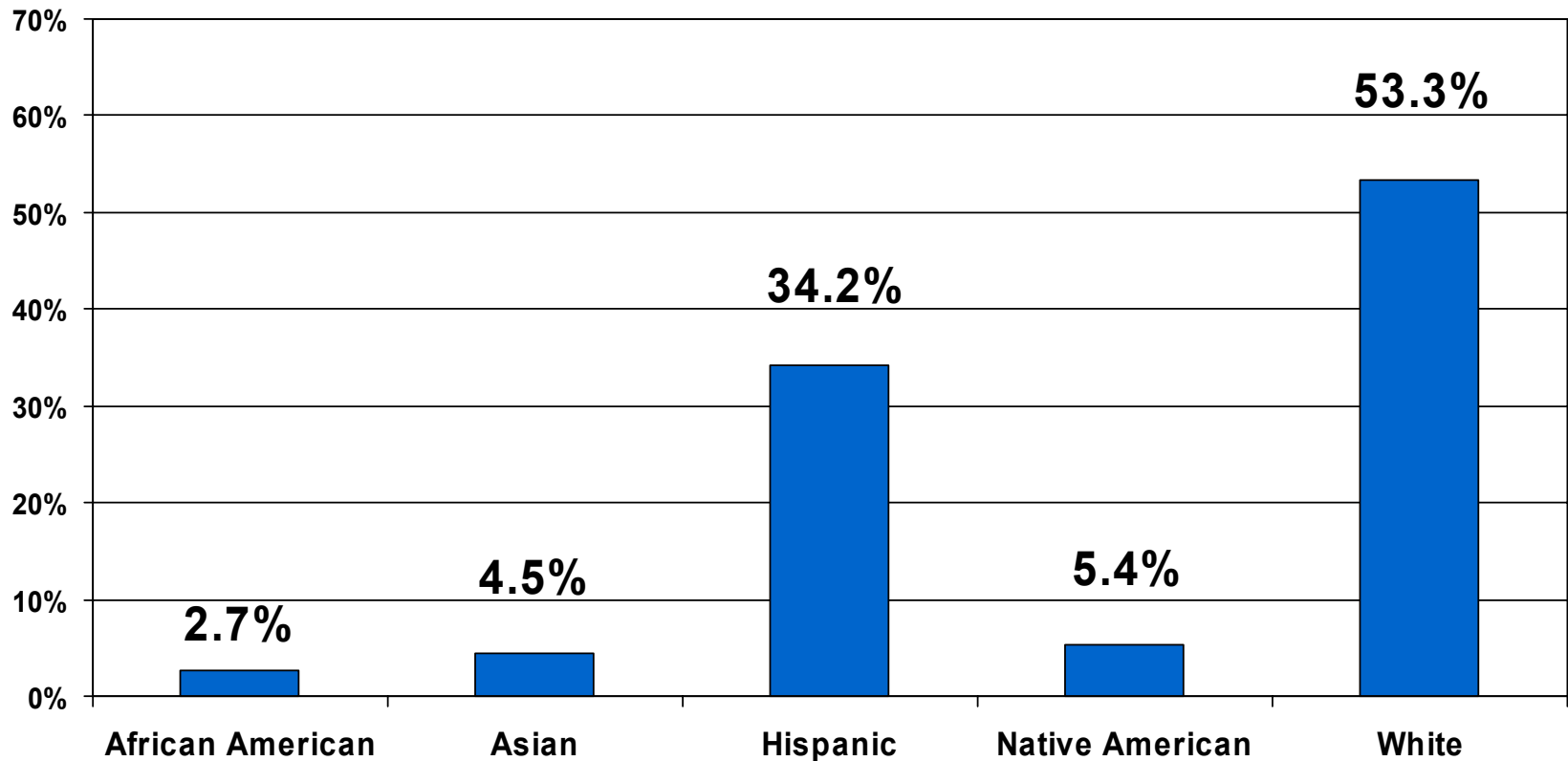


Example: 2.2% of the White population dropped out in academic year 2003.

# ACADEMIC YEAR 2003

## Dropout Rates by Ethnicity

Percent of Total 9-12<sup>th</sup> Grade Dropouts

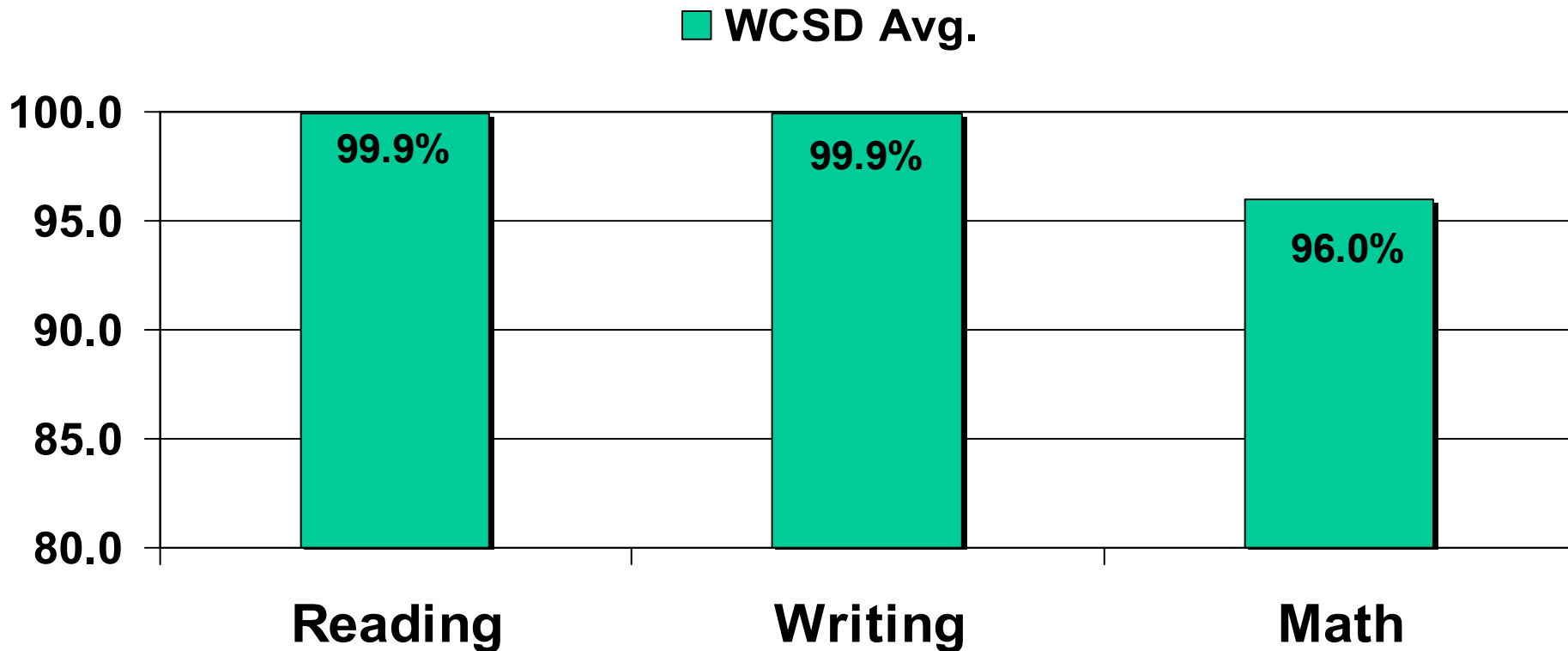


Example: 53.3% of WCSD dropouts are White.

# ACADEMIC YEAR 2003

## High School Proficiency Exam

### Percentage of Credit-Sufficient Seniors Passing

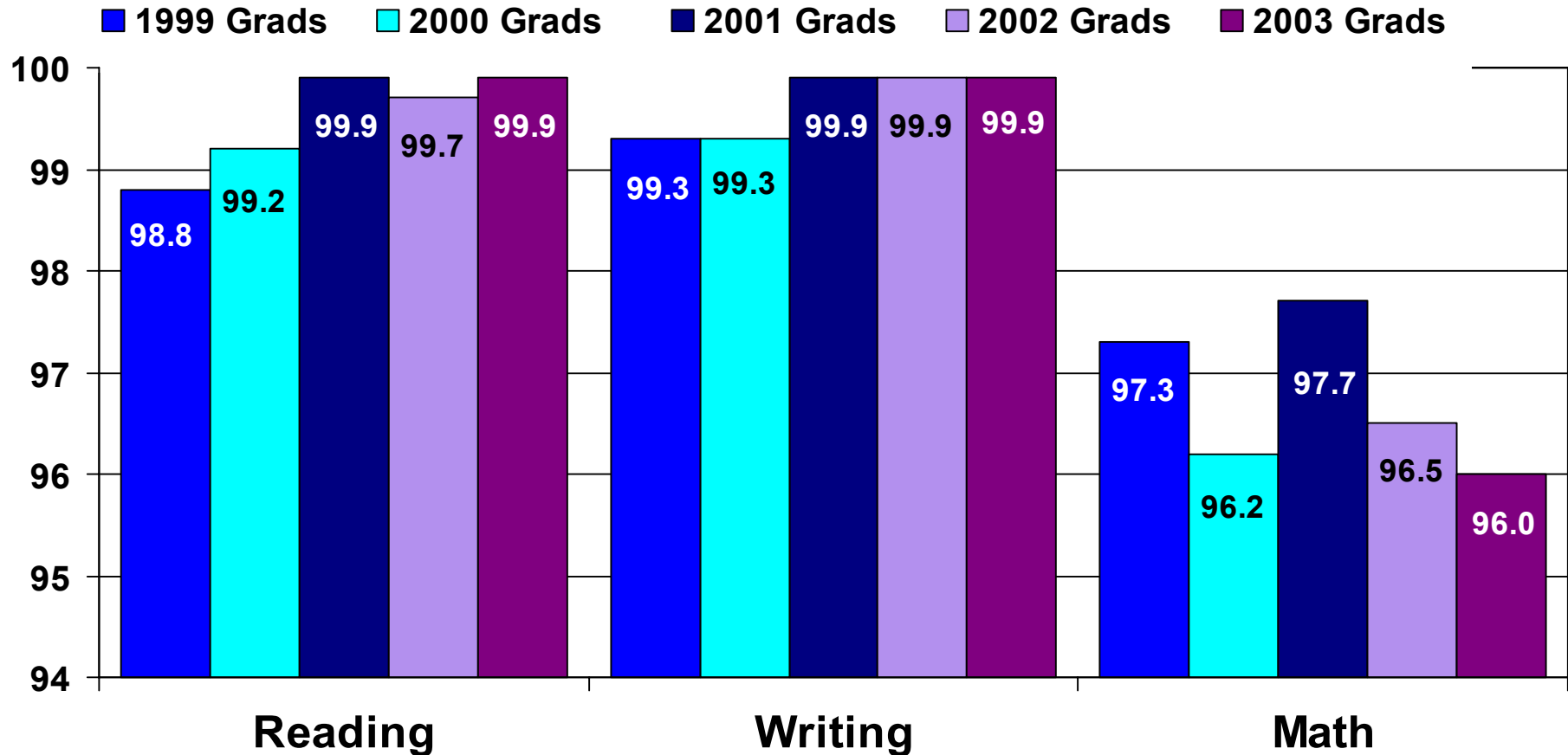


Note: The above figures include Washoe High School. However, by NRS the WCSD average submitted for state accountability purposes does not include Washoe H.S.

# ACADEMIC YEAR 2003

## High School Proficiency Exam

Percentage of 1999-2003 Credit-Sufficient Seniors Passing\*



\*Students in the Class of 2003 are the first who were taught the 1998 state standards, whose HSPE was aligned to the standards, and who were required to take three credits of math instead of two for graduation. The above figures include Washoe High School. Several corrections have been made for data from previous years.

# ACADEMIC YEAR 2003

## HSPE by High School Percentage Passing (Reading)

HIGH SCHOOLS	Reading Test				
	1999	2000	2001	2002	2003
Galena	98.3%	100.0%	100.0%	100.0%	100.0%
Gerlach	100.0%	100.0%	100.0%	100.0%	100.0%
Hug	98.0%	97.1%	100.0%	99.0%	100.0%
Incline	98.9%	100.0%	100.0%	100.0%	100.0%
McQueen	99.4%	99.7%	100.0%	99.8%	100.0%
North Valleys	N/A	N/A	N/A	N/A	100.0%
Reed	99.5%	100.0%	100.0%	100.0%	100.0%
Reno	99.4%	98.5%	100.0%	99.7%	100.0%
Spanish Springs	N/A	N/A	N/A	N/A	100.0%
Sparks	99.6%	99.6%	100.0%	98.9%	100.0%
TMCC HS	100.0%	98.7%	100.0%	100.0%	100.0%
Washoe	97.1%	92.7%	98.5%	100.0%	100.0%
Wooster	96.7%	98.2%	100.0%	99.6%	98.9%
<b>WCSD AVG.</b>	<b>98.8%</b>	<b>99.2%</b>	<b>99.9%</b>	<b>99.7%</b>	<b>99.9%</b>

Note: The above figures include Washoe High School. Several corrections have been made for data from previous years.

# ACADEMIC YEAR 2003

## HSPE by High School Percentage Passing (Writing)

HIGH SCHOOLS	Writing Test				
	1999	2000	2001	2002	2003
Galena	99.3%	100.0%	99.6%	100.0%	99.7%
Gerlach	100.0%	100.0%	100.0%	100.0%	100.0%
Hug	98.4%	96.7%	100.0%	99.7%	100.0%
Incline	100.0%	100.0%	100.0%	100.0%	100.0%
McQueen	99.7%	99.7%	100.0%	100.0%	99.8%
North Valleys	N/A	N/A	N/A	N/A	100.0%
Reed	99.8%	100.0%	100.0%	100.0%	100.0%
Reno	99.7%	99.1%	100.0%	99.7%	100.0%
Spanish Springs	N/A	N/A	N/A	N/A	100.0%
Sparks	99.3%	98.8%	100.0%	100.0%	99.5%
TMCC HS	98.6%	100.0%	100.0%	100.0%	100.0%
Washoe	98.5%	98.2%	95.5%	100.0%	100.0%
Wooster	98.6%	98.7%	100.0%	99.6%	100.0%
<b>WCSD AVG.</b>	<b>99.3%</b>	<b>99.3%</b>	<b>99.9%</b>	<b>99.9%</b>	<b>99.9%</b>

Note: The above figures include Washoe High School. Several corrections have been made for data from previous years

# ACADEMIC YEAR 2003

## HSPE by High School Percentage Passing (Math)

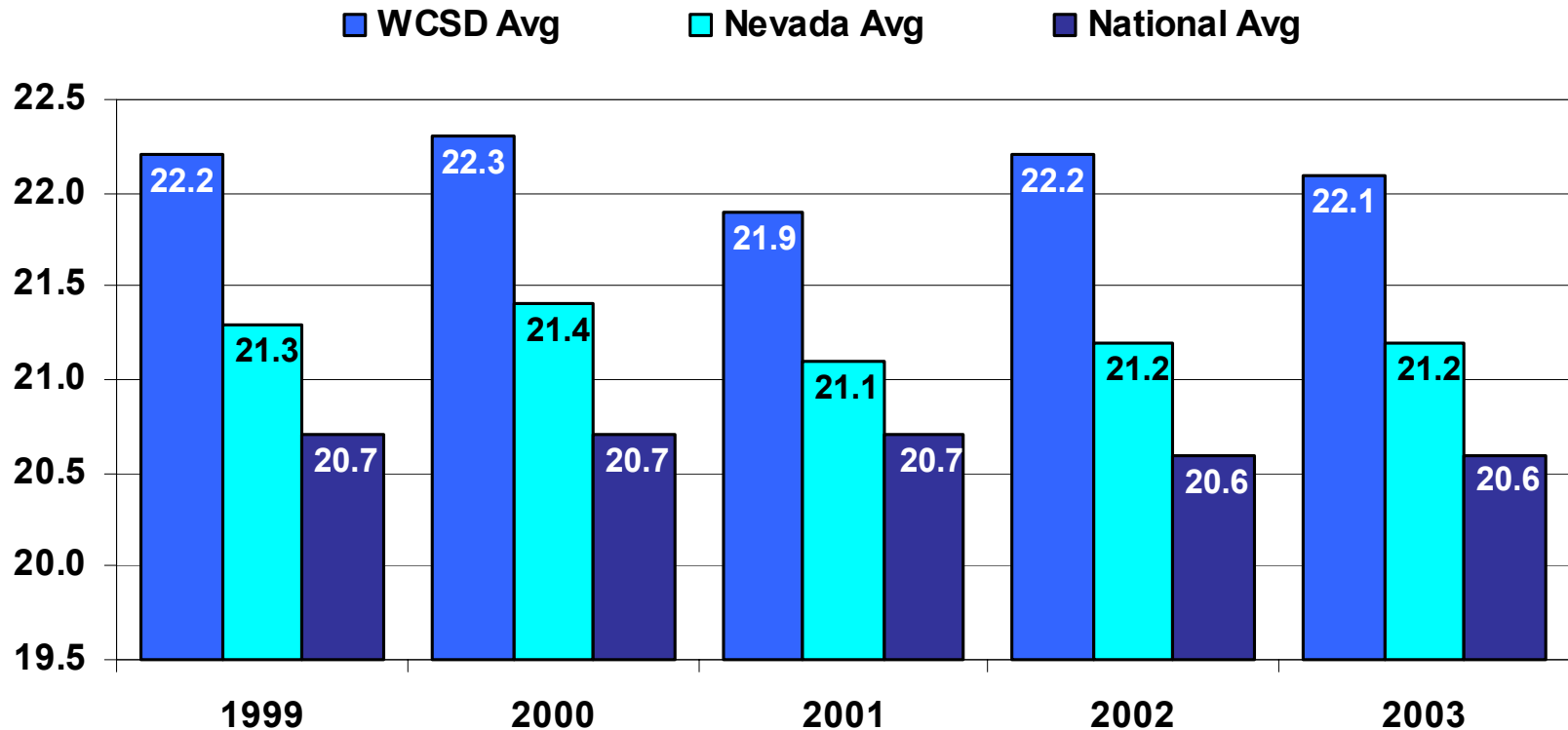
HIGH SCHOOLS	Math Test				
	1999	2000	2001	2002	2003
Galena	99.0%	97.8%	97.8%	97.4%	97.3%
Gerlach	100.0%	100.0%	100.0%	100.0%	100.0%
Hug	95.3%	88.8%	97.9%	96.2%	93.5%
Incline	100.0%	97.6%	97.8%	100.0%	97.6%
McQueen	99.1%	97.7%	98.4%	97.3%	99.1%
North Valleys	N/A	N/A	N/A	N/A	94.4%
Reed	99.6%	98.1%	99.1%	97.4%	98.2%
Reno	99.1%	97.0%	99.3%	99.4%	99.0%
Spanish Springs	N/A	N/A	N/A	N/A	95.4%
Sparks	95.5%	95.9%	96.1%	94.3%	93.4%
TMCC HS	100.0%	98.7%	98.1%	99.2%	100.0%
Washoe	79.4%	65.5%	86.6%	85.7%	87.8%
Wooster	95.7%	94.6%	97.7%	91.8%	95.5%
<b>WCSD AVG.</b>	<b>97.3%</b>	<b>96.2%</b>	<b>97.7%</b>	<b>96.5%</b>	<b>96.0%</b>

NoteThe above figures include Washoe High School. Several corrections have been made for data from previous years.

# ACADEMIC YEAR 2003

## ACT Math Scores

### WCSD, Nevada and National Comparison



Note: ACT scores are reported on a scale from 1 to 36. For purposes of this comparison, the scale has been reduced to enhance visual discrimination.



# ACADEMIC YEAR 2003

## ACT Math Scores by High School

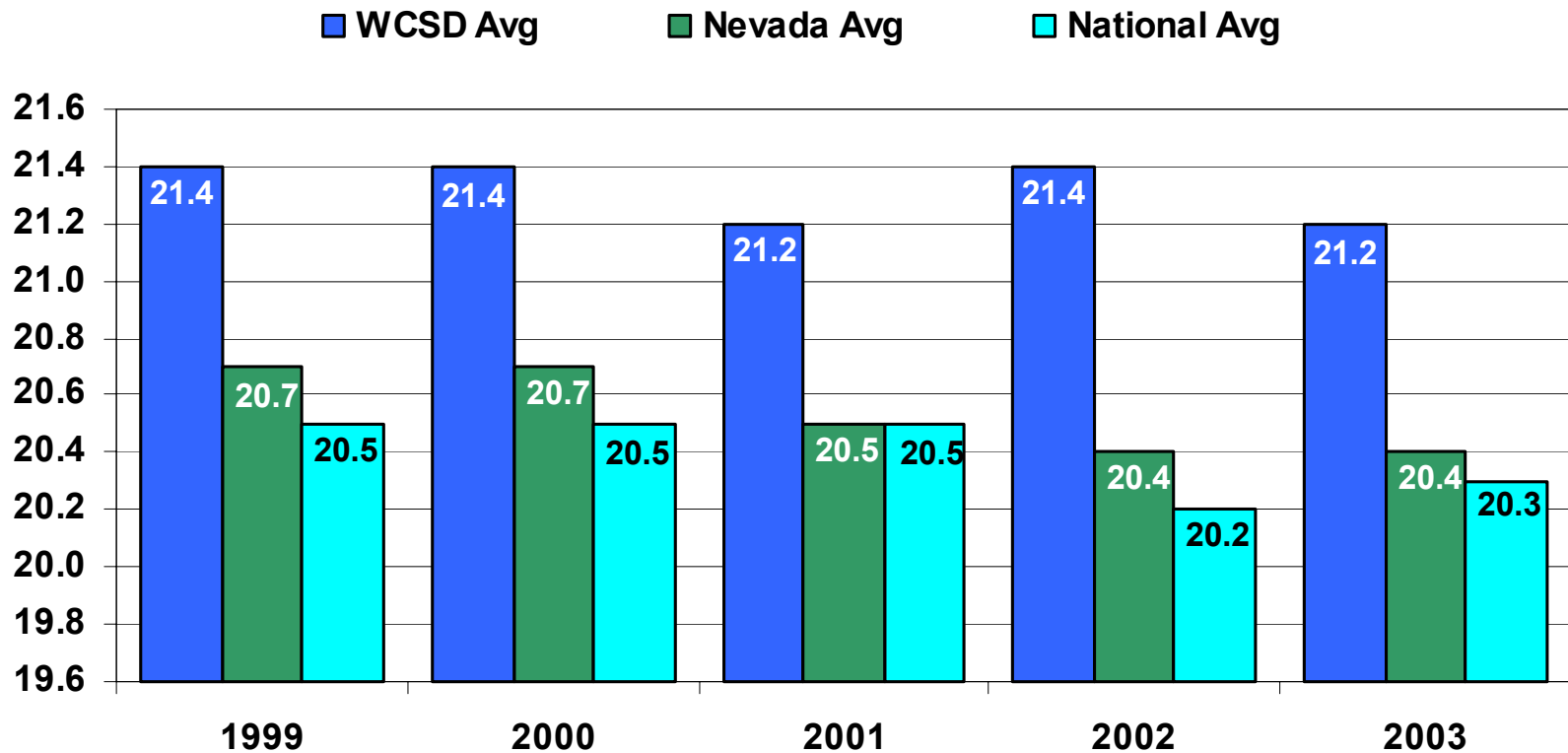
HIGH SCHOOLS	ACT Math Scores				
	1999	2000	2001	2002	2003
Galena	21.7	23.2	22.2	22.1	21.6
Gerlach	-	-	-	-	-
Hug	20.7	20.9	20.9	20.6	19.8
Incline	22.2	22.1	21.3	21.6	24.5
McQueen	24.4	23.6	23.3	23.3	23.7
North Valleys	N/A	N/A	N/A	N/A	19.7
Reed	22.1	21.7	21.1	21.7	22.0
Reno	23.6	23.2	23.0	24.6	24.5
Spanish Springs	N/A	N/A	N/A	N/A	20.2
Sparks	20.0	20.1	20.4	19.9	20.5
TMCC HS	-	-	22.4	20.8	-
Washoe	-	-	-	-	-
Wooster	21.0	21.6	22.1	23.1	22.7
<b>WCSD AVG.</b>	<b>22.2</b>	<b>22.3</b>	<b>21.9</b>	<b>22.2</b>	<b>22.1</b>

- Denotes fewer than 5 students

# ACADEMIC YEAR 2003

## ACT English Scores

### WCSD, Nevada and National Comparison



Note: ACT scores are reported on a scale from 1 to 36. For purposes of this comparison, the scale has been reduced to enhance visual discrimination.

# ACADEMIC YEAR 2003

## ACT English Scores by High School

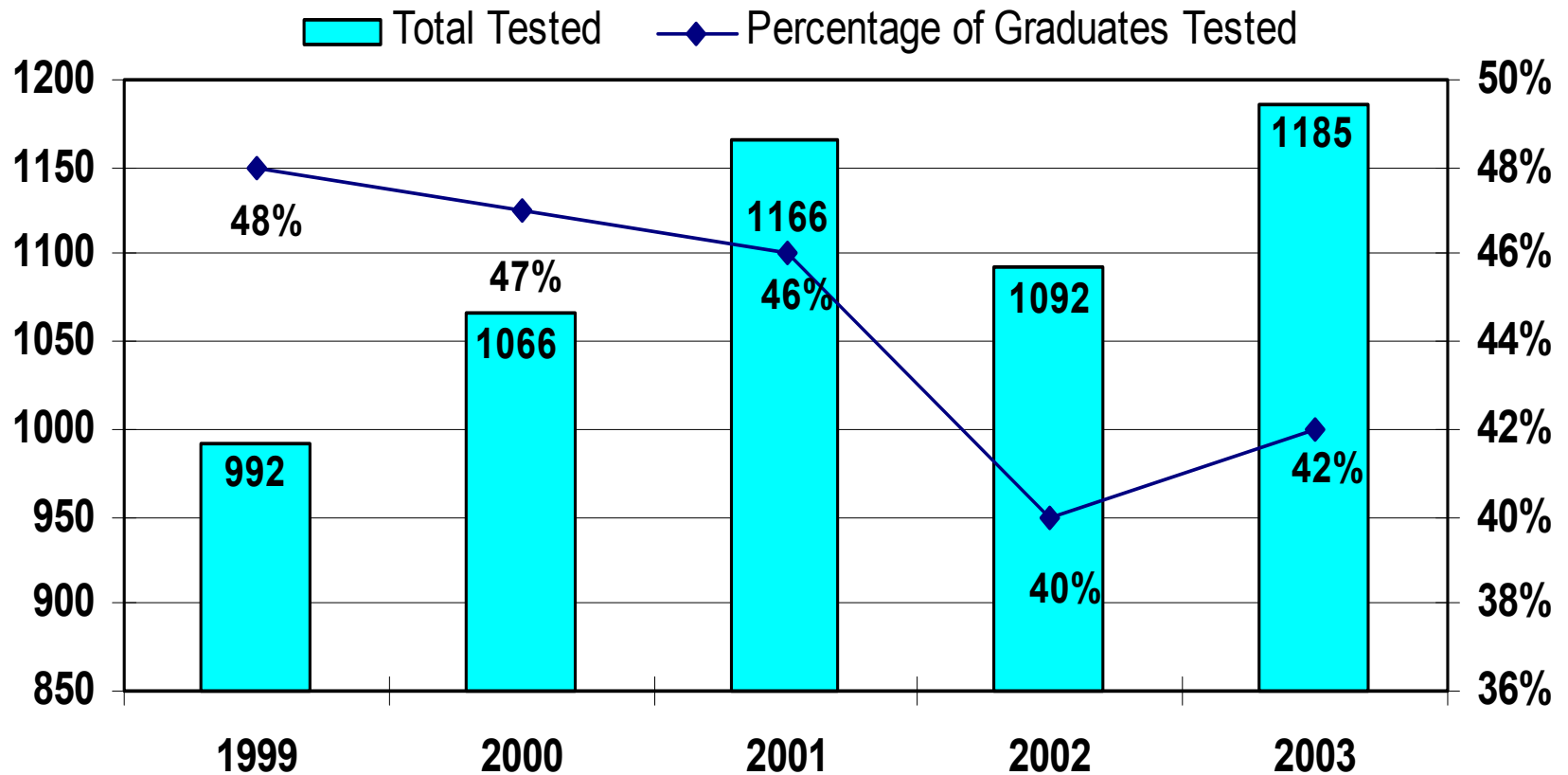
HIGH SCHOOLS	ACT English Scores				
	1999	2000	2001	2002	2003
Galena	21.6	22.7	21.9	21.9	20.8
Gerlach	-	-	-	-	-
Hug	19.5	19.2	19.3	18.5	18.8
Incline	21.2	21.4	21.7	22.7	24.0
McQueen	23.1	21.9	21.7	22.0	22.0
North Valleys	N/A	N/A	N/A	N/A	19.0
Reed	21.3	20.5	20.3	20.7	21.3
Reno	22.9	23.3	23.5	23.5	23.5
Spanish Springs	N/A	N/A	N/A	N/A	19.1
Sparks	19.3	19.5	20.3	19.9	20.5
TMCC HS	-	-	22.6	22.4	-
Washoe	-	-	-	-	-
Wooster	19.4	20	20.9	20.5	21.5
WCSD AVG.	21.4	21.4	21.2	21.4	21.2

- Denotes fewer than 5 students

# ACADEMIC YEAR 2003

## ACT Participation

WCSD Graduates Taking ACT



# ACADEMIC YEAR 2003

## ACT Participation- WCS D Graduates Taking ACT by High School

HIGH SCHOOLS	1999		2000		2001		2002		2003	
	Number	%	Number	%	Number	%	Number	%	Number	%
Galena	135	48%	185	60%	133	46%	178	46%	183	55%
Gerlach	-	-	-	-	-	-	-	-	-	-
Hug	53	22%	72	30%	92	32%	78	25%	48	24%
Incline	49	54%	41	50%	31	33%	27	33%	35	42%
McQueen	182	54%	206	59%	211	57%	228	55%	229	54%
North Valleys	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	103	45%
Reed	200	48%	215	50%	251	56%	225	49%	223	51%
Reno	150	48%	147	46%	168	52%	137	43%	124	42%
Spanish Springs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	72	37%
Sparks	124	47%	109	45%	138	48%	109	39%	66	36%
TMCC HS	-	-	-	-	40	38%	37	30%	-	-
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	79	41%	72	32%	90	42%	64	28%	71	40%
<b>Total</b>	<b>992</b>	<b>48%</b>	<b>1066</b>	<b>47%</b>	<b>1166</b>	<b>46%</b>	<b>1092</b>	<b>40%</b>	<b>1185</b>	<b>42%</b>

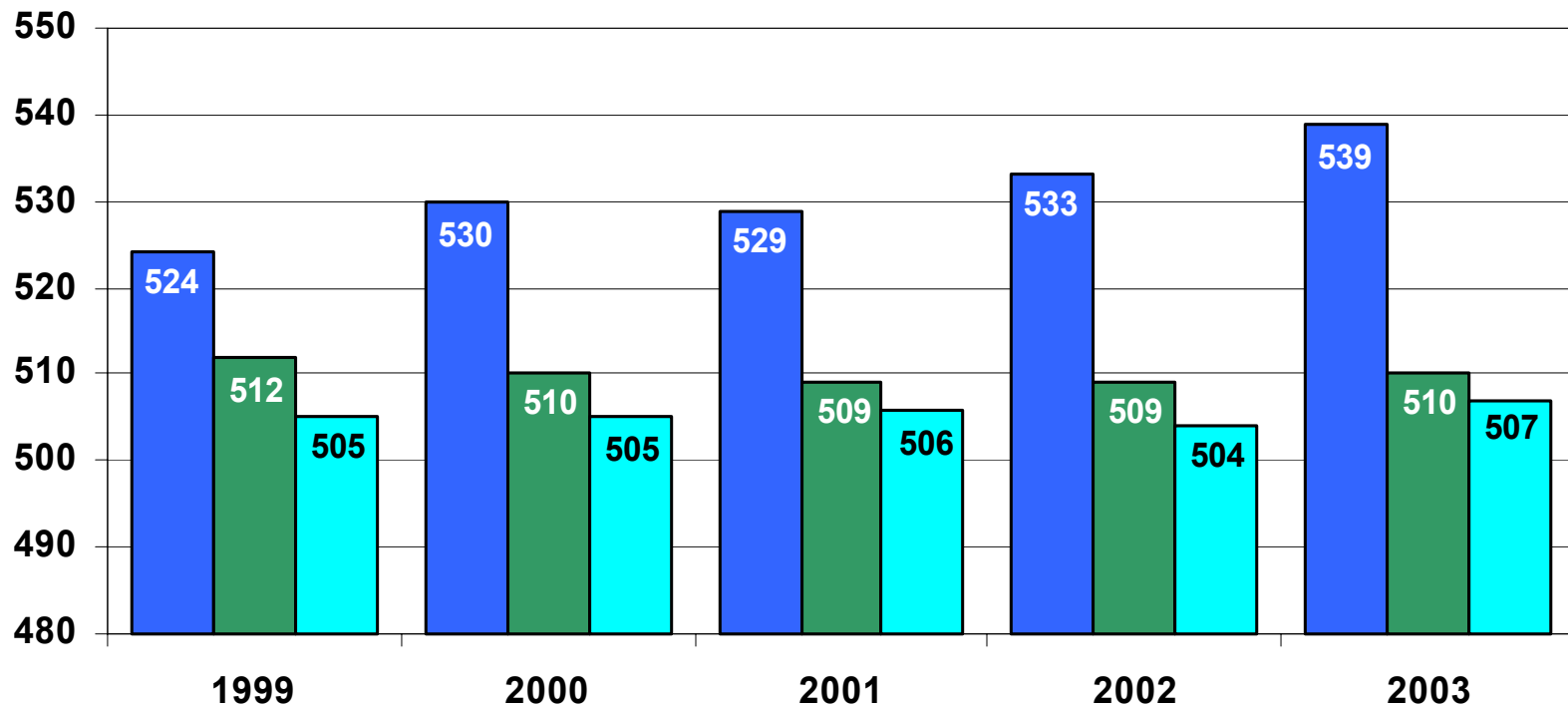
\*Total numbers are higher than sum of individual schools because Gerlach, TMCC, & Washoe do have some students who take the ACT, but fewer than 20 students were tested in some years.

# ACADEMIC YEAR 2003

## SAT Verbal Scores

### WCSD, Nevada and National Comparison

■ WCSD Avg    ■ Nevada Avg    ■ National Avg



Note: SAT scale is 200-800, with 500 considered "average."

# ACADEMIC YEAR 2003

## SAT Verbal Scores by High School

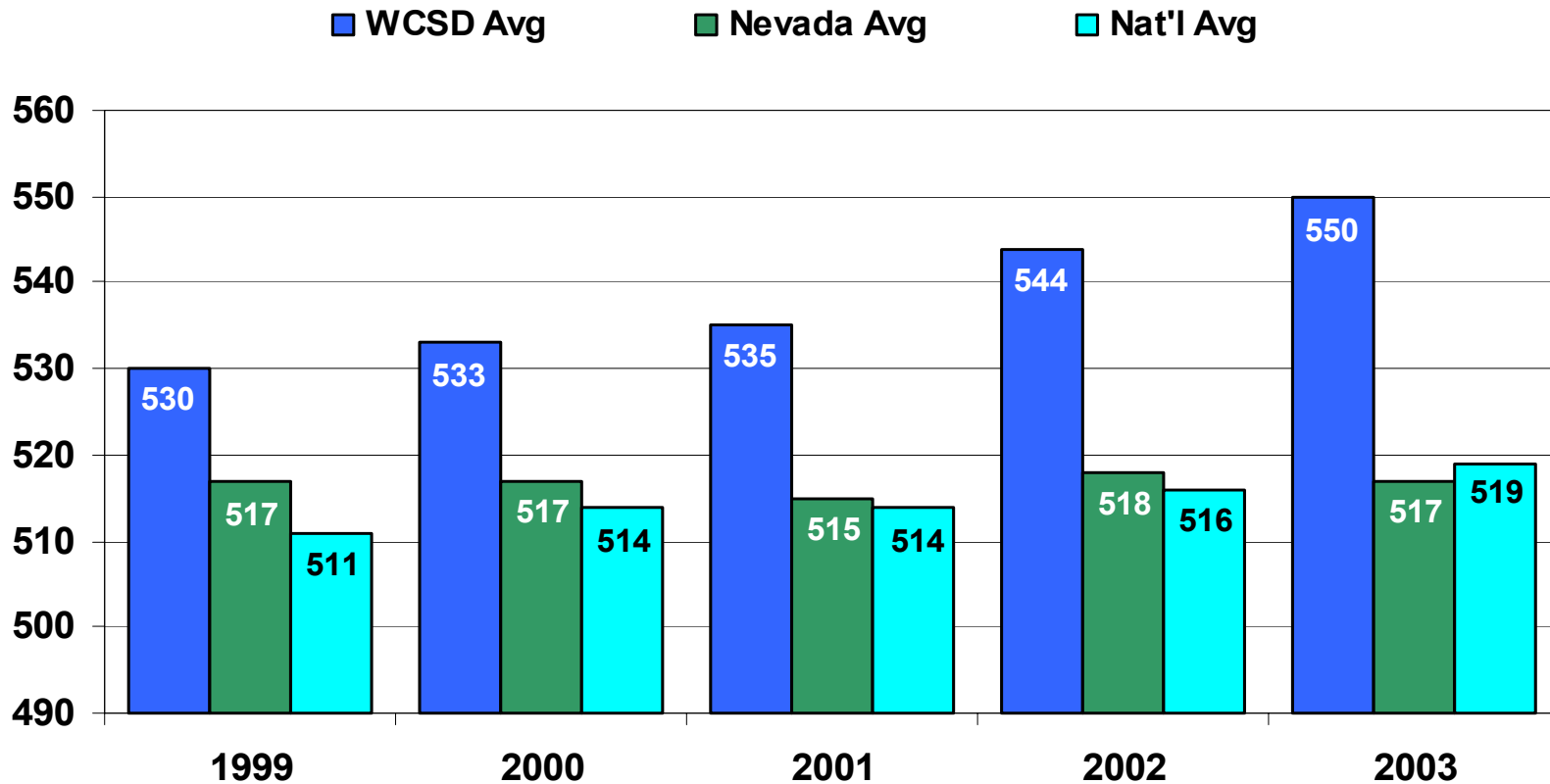
HIGH SCHOOLS	SAT Verbal Scores				
	1999	2000	2001	2002	2003
Galena	523	531	526	519	531
Gerlach	-	-	-	-	-
Hug	507	500	515	479	-
Incline	530	508	540	526	533
McQueen	552	545	530	549	564
North Valleys	N/A	N/A	N/A	N/A	486
Reed	512	509	510	517	534
Reno	541	558	549	559	558
Spanish Springs	N/A	N/A	N/A	N/A	484
Sparks	480	508	492	532	-
TMCC HS	-	514	580	571	559
Washoe	-	-	-	-	-
Wooster	483	500	522	512	525
WCSD AVG.	524	530	529	533	539

Schools not reported had fewer than 20 students tested.

# ACADEMIC YEAR 2003

## SAT Math Scores

### WCSD, Nevada and National Comparison



Note: SAT scale is 200-800, with 500 considered "average."



# ACADEMIC YEAR 2003

## SAT Math Scores by High School

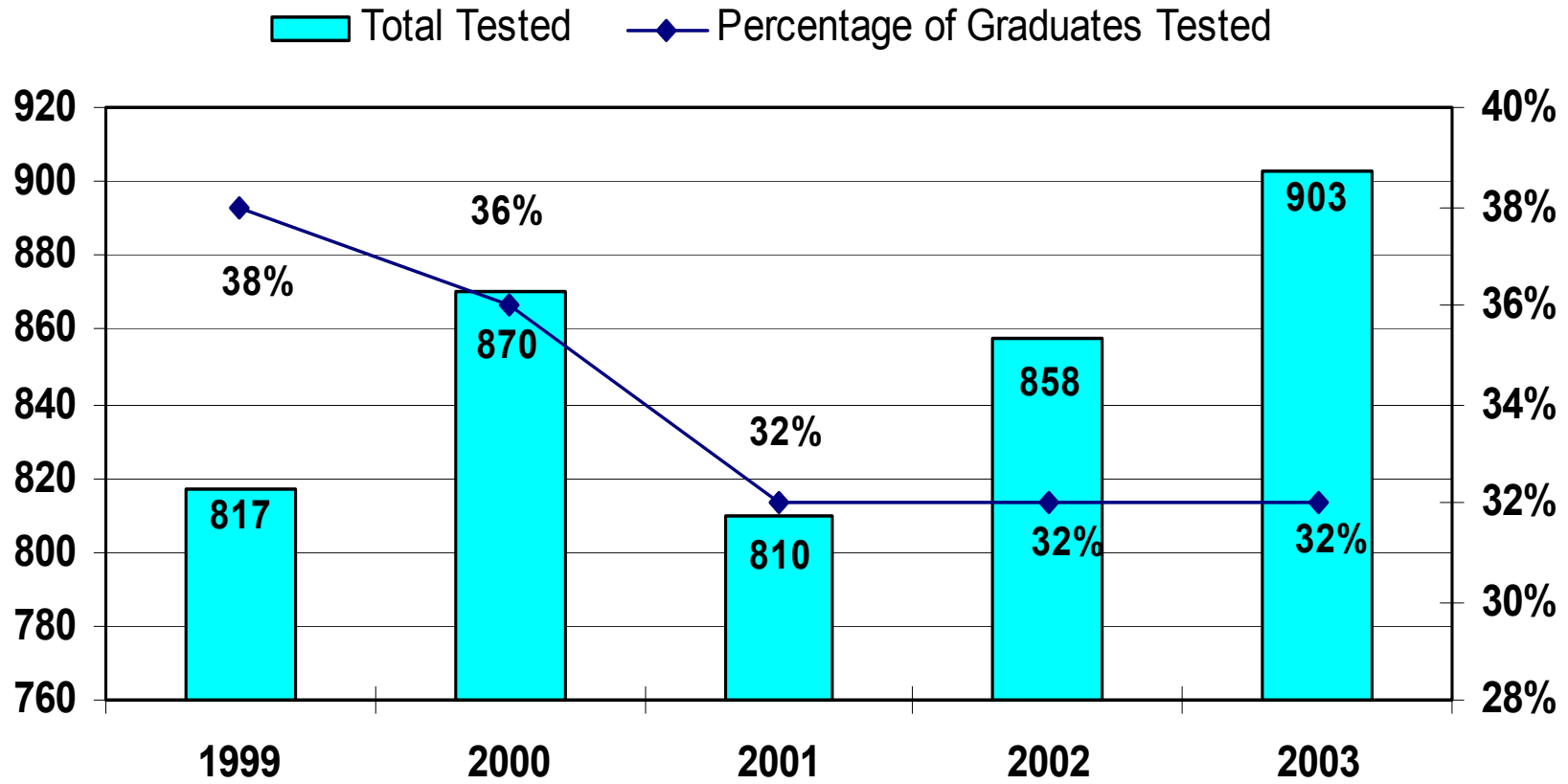
HIGH SCHOOLS	SAT Math Scores				
	1999	2000	2001	2002	2003
Galena	525	531	527	529	534
Gerlach	-	-	-	-	-
Hug	501	498	523	522	-
Incline	522	525	549	530	564
McQueen	561	548	552	562	579
North Valleys	N/A	N/A	N/A	N/A	511
Reed	524	526	517	533	546
Reno	545	552	546	560	566
Spanish Springs	N/A	N/A	N/A	N/A	500
Sparks	474	511	514	536	-
TMCC HS	-	520	549	551	550
Washoe	-	-	-	-	-
Wooster	509	513	536	545	534
WCSD AVG.	530	533	535	544	550

Schools not reported had fewer than 20 students tested.

# ACADEMIC YEAR 2003

## SAT Participation

### WCSD Graduates Taking SAT



# ACADEMIC YEAR 2003

## SAT Participation by High School

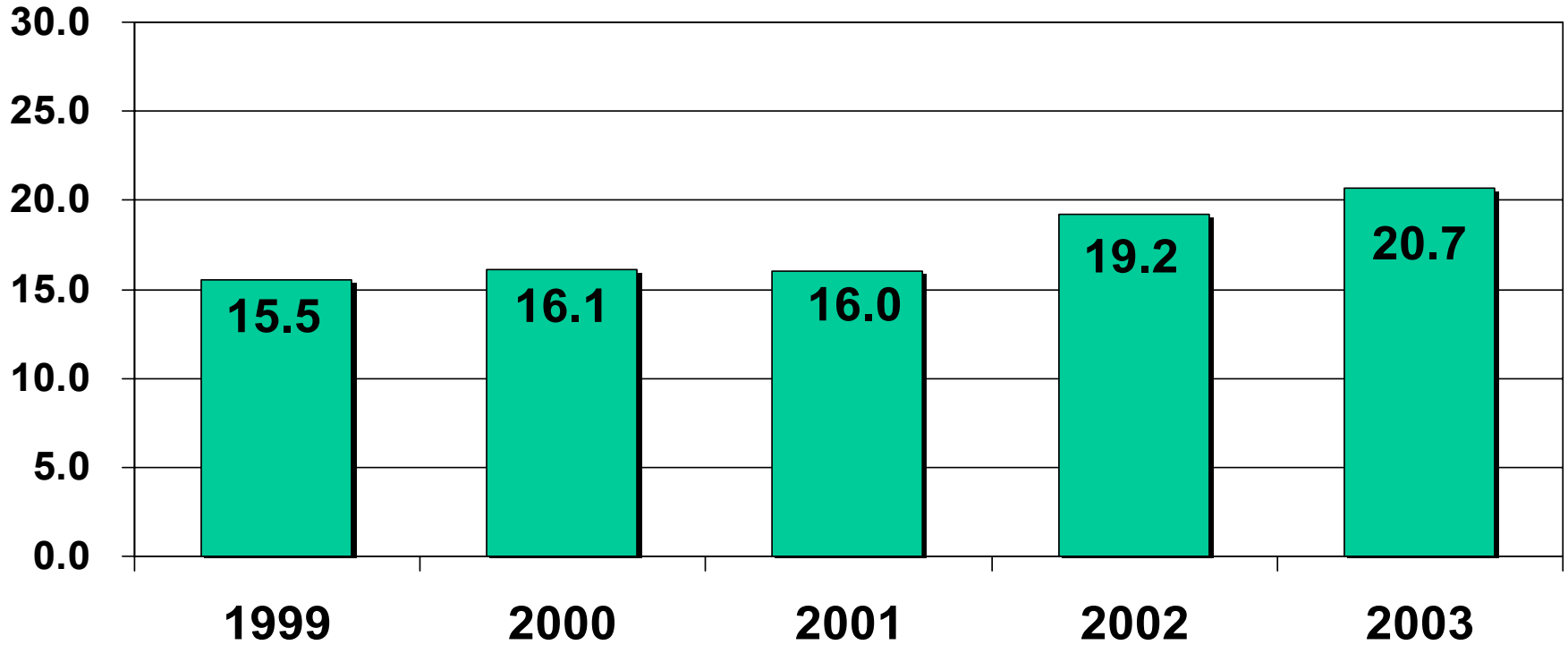
HIGH SCHOOLS	1999		2000		2001		2002		2003	
	Number	%	Number	%	Number	%	Number	%	Number	%
Galena	136	48%	182	58%	134	46%	190	49%	163	49%
Gerlach	-	-	-	-	-	-	-	-	-	-
Hug	46	19%	46	19%	46	16%	32	10%	-	-
Incline	50	56%	49	60%	53	57%	48	59%	54	64%
McQueen	136	40%	118	34%	121	32%	140	34%	152	36%
North Valleys	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	39	17%
Reed	151	37%	136	32%	125	28%	135	30%	119	27%
Reno	195	61%	217	64%	191	69%	189	60%	211	72%
Spanish Springs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	12%
Sparks	25	10%	35	14%	43	15%	23	8%	-	-
TMCC HS	-	-	24	30%	29	27%	34	28%	29	32%
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	71	36%	62	28%	63	30%	61	26%	61	35%
<b>Total</b>	<b>817</b>	<b>38%</b>	<b>870</b>	<b>36%</b>	<b>810</b>	<b>32%</b>	<b>858</b>	<b>32%</b>	<b>903</b>	<b>32%</b>

\*Total numbers are higher than sum of individual schools because some schools do have students who take the ACT, but fewer than 20 students were tested in some years.

# ACADEMIC YEAR 2003

## Enrollment in College Preparation Courses

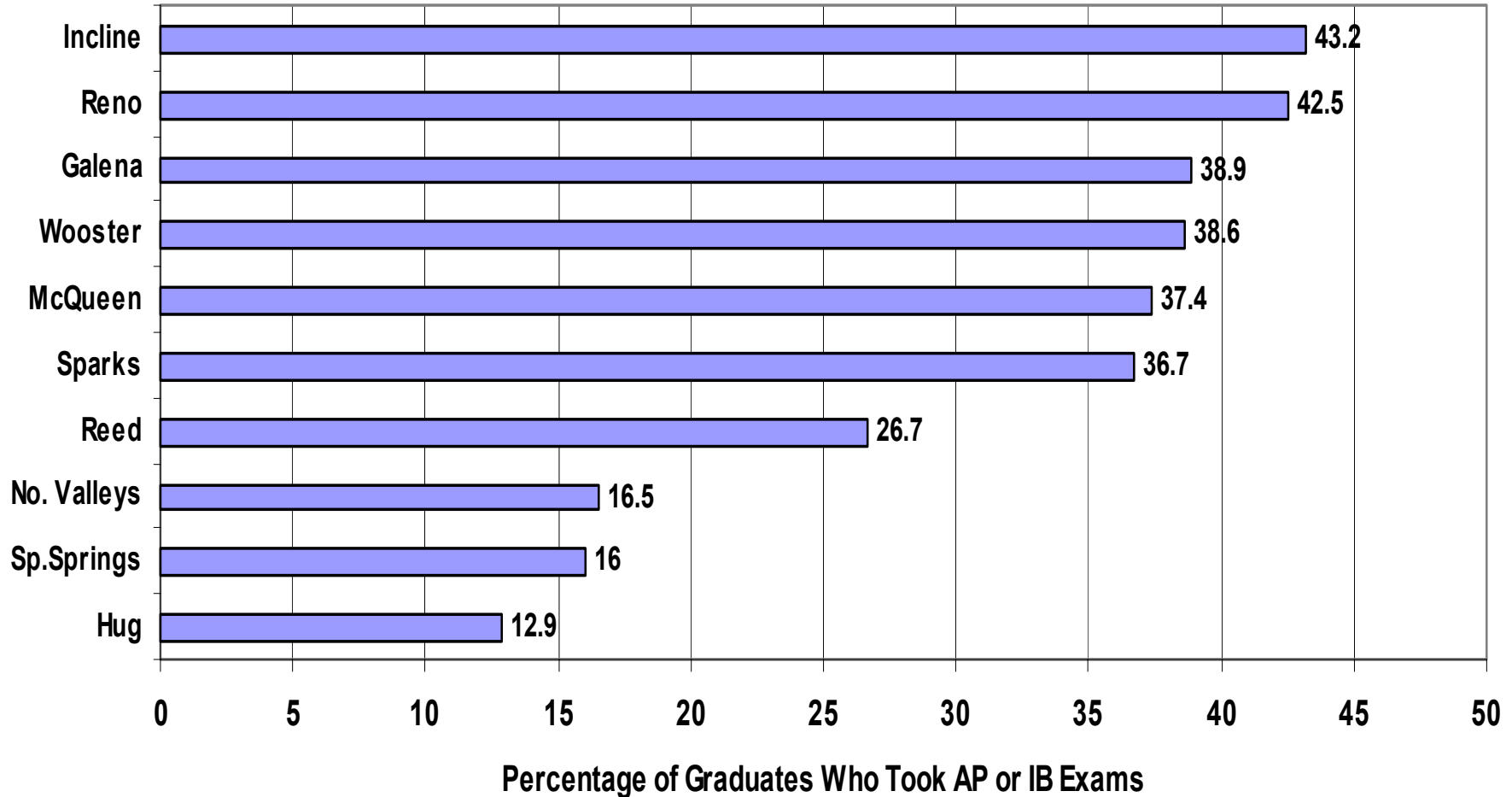
### Percent of WCSD Juniors and Seniors Enrolled in Advanced Placement Courses



Note: AP data updated and corrected since previous publications. Percent is based on the number of students eligible to take any AP exams. Previous data included a duplicate count for students enrolled in more than one subject area.

# ACADEMIC YEAR 2003

Percentage of 2003 Graduates Who Took at Least 1 AP or IB Exam  
as Juniors or Seniors

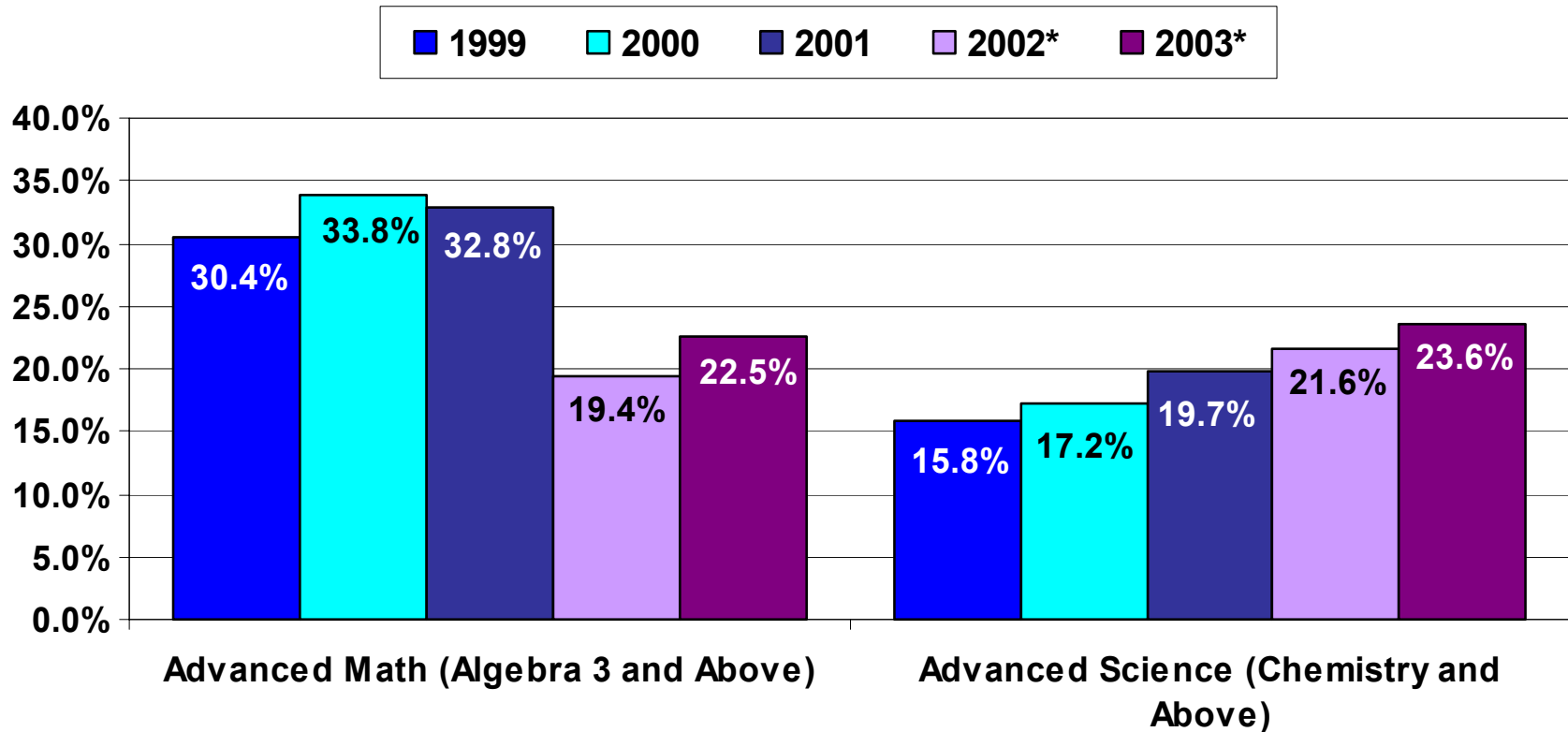


Note: Gerlach did not have any AP students in 2003. There are no AP classes offered at Washoe or TMCC. This was the first graduating class for North Valleys and Spanish Springs high schools.

# ACADEMIC YEAR 2003

## Enrollment in College Preparation Courses

Percent of all WCS D Students Enrolled in Advanced Math and Science Courses



\* Definition of Advanced Math changed from Geometry to Algebra 3 in the 2002 school year. Comparisons with previous years would therefore be invalid.

# ACADEMIC YEAR 2003

## Enrollment in Advanced Placement Courses

High Schools	Juniors and Seniors Enrolled					Number of AP Candidates					Percentage of Juniors and Seniors Taking AP Exams				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Galena	715	737	774	746	785	151	185	188	205	235	21%	25%	24%	27%	30%
Gerlach	-	-	-	15	-	-	-	-	3	0	N/A	N/A	N/A	20%	N/A
Hug	791	902	831	519	385	68	66	62	34	41	9%	7%	7%	7%	11%
Incline	206	209	188	174	177	42	50	53	51	48	20%	24%	28%	29%	27%
McQueen	809	854	903	875	881	205	211	216	256	268	25%	25%	24%	29%	30%
N. Valleys	N/A	N/A	N/A	253	522	N/A	N/A	N/A	30	51	N/A	N/A	N/A	12%	10%
Reed	1052	1086	1095	974	892	88	120	103	163	141	8%	11%	9%	17%	16%
Reno	801	836	786	677	670	203	188	200	219	263	25%	22%	25%	32%	39%
Sp. Springs	N/A	N/A	N/A	252	503	N/A	N/A	N/A	11	37	N/A	N/A	N/A	4%	7%
Sparks	701	719	805	545	383	51	63	68	110	91	7%	9%	8%	20%	24%
TMCC HS	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Washoe	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wooster	588	625	631	508	495	67	77	76	74	71	11%	12%	12%	15%	14%
WCSD	5663	5968	6013	5538	5693	875	959	967	1156	1246	15%	16%	16%	19%	21%

Note: Several corrections have been made for data from previous years to eliminate duplicate counting of students taking more than one exam. AP courses are not offered at TMCC and Washoe high schools.

# ACADEMIC YEAR 2003

## Enrollment in Advanced Math Courses

Based on Enrollment in Grades 9-12

High Schools	Total Enrollment					Number Enrolled in Advanced Math					Percentage Enrolled in Advanced Math				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Galena	1562	1626	1706	1837	1935	586	727	712	443	564	38%	45%	42%	24%	29%
Gerlach	N/A	N/A	37	35	28	N/A	N/A	18	13	7	N/A	N/A	49%	37%	25%
Hug	1961	2072	2087	1313	1245	303	376	332	120	114	15%	18%	16%	9%	9%
Incline	442	440	430	399	405	188	202	177	118	116	43%	46%	41%	30%	29%
McQueen	1841	1973	2007	1955	1968	754	913	952	611	606	41%	46%	47%	31%	31%
N. Valleys	N/A	N/A	N/A	1373	1773	N/A	N/A	N/A	90	317	N/A	N/A	N/A	7%	18%
Reed	2379	2461	2515	2217	2180	717	836	924	529	639	30%	34%	37%	24%	29%
Reno	1723	1732	1722	1647	1726	806	879	825	556	598	47%	51%	48%	34%	35%
Sp. Springs	N/A	N/A	N/A	1184	1549	N/A	N/A	N/A	141	270	N/A	N/A	N/A	12%	17%
Sparks	1780	1842	1952	1307	1195	457	510	524	193	161	26%	28%	27%	15%	13%
TMCC HS	188	210	208	209	165	84	41	27	22	33	45%	51%	13%	11%	20%
Washoe	589	647	656	542	519	30	-	9	-	-	5%	N/A	1%	N/A	N/A
Wooster	1431	1478	1519	1525	1532	305	401	370	176	221	21%	27%	24%	12%	14%
<b>WCSD</b>	<b>13896</b>	<b>14481</b>	<b>14839</b>	<b>15543</b>	<b>16220</b>	<b>4230</b>	<b>4899</b>	<b>4870</b>	<b>3012</b>	<b>3646</b>	<b>30%</b>	<b>34%</b>	<b>33%</b>	<b>19%</b>	<b>22%</b>

Beginning in 2002, Advanced Math includes Algebra 3-4, Trigonometry, Pre-Calculus, Probability/Statistics, AP Calculus, AP Statistics. Prior to 2002, Advanced Math also included Geometry and Formal Geometry.



# ACADEMIC YEAR 2003

## Enrollment in Advanced Science Courses

Based on Enrollment in Grades 9-12

High Schools	Total Enrollment					Number Enrolled in Advanced Science					Percentage Enrolled in Advanced Science				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Galena	1562	1626	1706	1837	1935	326	379	525	606	601	21%	23%	31%	33%	31%
Gerlach	N/A	N/A	37	35	28	N/A	N/A	11	7	9	N/A	N/A	30%	20%	32%
Hug	1961	2072	2087	1313	1245	142	184	219	161	170	7%	9%	10%	12%	14%
Incline	442	440	430	399	405	57	86	79	89	87	13%	20%	18%	22%	21%
McQueen	1841	1973	2007	1955	1968	374	419	497	555	554	20%	21%	25%	28%	28%
N. Valleys	N/A	N/A	N/A	1373	1773	N/A	N/A	N/A	202	427	N/A	N/A	N/A	15%	24%
Reed	2379	2461	2515	2217	2180	360	470	461	523	589	15%	19%	18%	24%	27%
Reno	1723	1732	1722	1647	1726	437	428	539	574	617	25%	25%	31%	35%	36%
Sp. Springs	N/A	N/A	N/A	1184	1549	N/A	N/A	N/A	171	366	N/A	N/A	N/A	14%	24%
Sparks	1780	1842	1952	1307	1195	273	315	358	203	203	15%	17%	18%	16%	17%
TMCC HS	188	210	208	209	165	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Washoe	589	647	656	542	519	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Wooster	1431	1478	1519	1525	1532	222	201	237	271	206	16%	14%	16%	18%	13%
WCSD	13896	14481	14839	15543	16220	2191	2493	2926	3362	3829	16%	17%	20%	22%	24%

Advanced Science includes Chemistry, Biochemistry, Human Biology, Human Anatomy and Physiology, Microbiology, Physics and AP Biology, Chemistry, Environmental Science, and Physics.

# COLLEGE DATA

## Measures

- ◆ **Capture Rate:** The percentage of students enrolling at UNR/TMCC in the fall 2003 who graduated from a WCSD high school in spring 2003
- ◆ **Remediation:** Student enrollment in developmental English or math courses (intermediate algebra and below)
- ◆ **Persistence:** The percent of a cohort that returns with each advancing semester
- ◆ **College Entrance Exams:** SAT and ACT scores of WCSD graduates attending the University of Nevada, Reno.

## Cohort Analysis

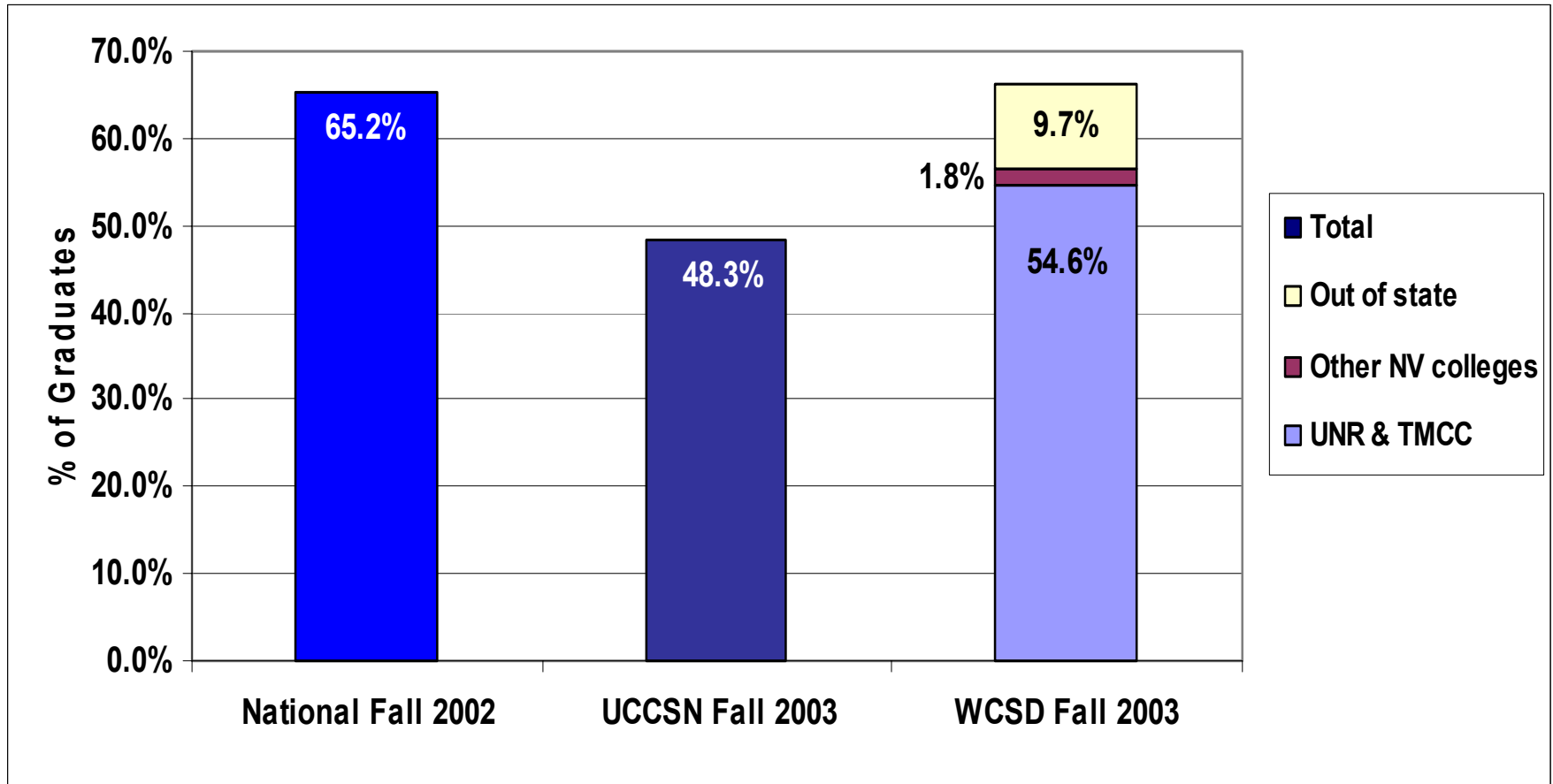
### ◆ The tracking of WCSD high school graduates from high school to TMCC and UNR.

- 2002-03 Graduates = 2635
- 2001-02 Graduates = 2560
- 2000-01 Graduates = 2429
- 1999-00 Graduates = 2243
- 1998-99 Graduates = 2227

Does not include Academy for Career Education and I Can Do Anything charter high schools or Washoe Adult high school.

# COLLEGE DATA

## College-Going Rate

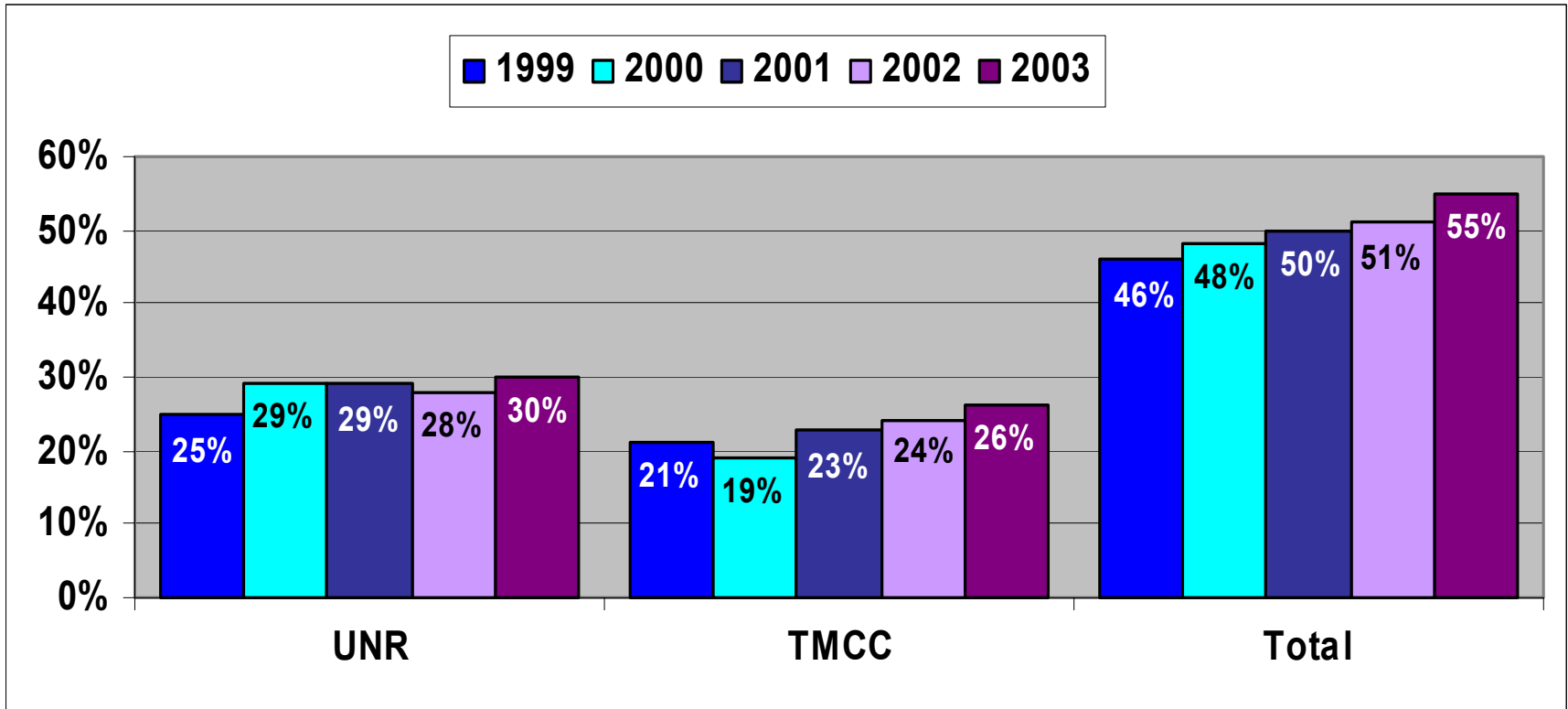


**Definition:** Enrollment of recent high school graduates in post-secondary education (as degree or non-degree seeking students) in the semester immediately following graduation from high school (note: national rate includes graduates from public & private high schools)

**Source:** U.S. Census Bureau - Current Population Survey 2002, UCCSN February 2004 Remedial Report, WCSD Data Profile, National Student Clearinghouse

# COLLEGE DATA

## Capture Rate of High School Cohort by UNR/TMCC



\*Numbers may not total due to students co-enrolled at both institutions.

# COLLEGE DATA

## Combined Capture Rate (TMCC and UNR) by High School

HIGH SCHOOLS	Fall 99		Fall 00		Fall 01		Fall 02		Fall 03	
	%	N	%	N	%	N	%	N	%	N
Galena	47%	134	55%	168	57%	159	52%	196	61%	197
Gerlach	33%	3	29%	2	42%	5	10%	1	67%	2
Hug	37%	90	39%	83	43%	119	36%	107	42%	79
Incline	27%	24	33%	26	26%	23	37%	30	30%	24
McQueen	53%	180	55%	185	61%	225	60%	240	62%	260
No Valleys									42%	91
Reed	49%	202	49%	204	49%	217	51%	226	55%	237
Reno	40%	128	46%	148	52%	167	51%	161	58%	170
Span Spgs									51%	95
Sparks	40%	101	44%	104	44%	121	47%	122	56%	95
TMCC HS	51%	37	66%	51	62%	64	78%	95	80%	73
Washoe	66%	35	78%	28	33%	29	77%	37	57%	37
Wooster	48%	95	37%	78	52%	107	45%	94	48%	80
<b>Total</b>	<b>46%</b>	<b>1029</b>	<b>48%</b>	<b>1077</b>	<b>50%</b>	<b>1236</b>	<b>51%</b>	<b>1309</b>	<b>55%</b>	<b>1440</b>

# COLLEGE DATA

## TMCC Capture Rate by High School

HIGH SCHOOLS	Fall 99		Fall 00		Fall 01		Fall 02		Fall 03	
	%	N	%	N	%	N	%	N	%	N
Galena	17%	49	15%	46	25%	70	20%	74	26%	83
Gerlach	0%	0	14%	1	25%	3	0%	0	67%	2
Hug	23%	56	19%	40	26%	71	24%	73	29%	54
Incline	6%	5	8%	6	10%	9	16%	13	14%	11
McQueen	18%	62	15%	50	22%	80	18%	73	23%	97
No Valleys									22%	48
Reed	25%	105	23%	96	21%	92	24%	105	24%	104
Reno	11%	34	12%	40	17%	53	18%	55	17%	51
Span Spgs									27%	51
Sparks	23%	57	20%	47	21%	57	23%	60	30%	51
TMCC HS	43%	31	53%	41	46%	48	52%	63	60%	55
Washoe	64%	34	78%	28	52%	29	77%	37	57%	37
Wooster	23%	45	18%	37	22%	46	24%	51	23%	38
<b>Total</b>	<b>21%</b>	<b>478</b>	<b>19%</b>	<b>432</b>	<b>23%</b>	<b>558</b>	<b>24%</b>	<b>604</b>	<b>26%</b>	<b>682</b>

# COLLEGE DATA

## UNR Capture Rate by High School

HIGH SCHOOLS	Fall 99		Fall 00		Fall 01		Fall 02		Fall 03	
	%	N	%	N	%	N	%	N	%	N
Galena	30%	86	41%	126	33%	91	33%	125	37%	120
Gerlach	33%	3	14%	1	17%	2	10%	1	0%	0
Hug	14%	34	18%	43	18%	51	11%	34	13%	25
Incline	21%	19	25%	20	17%	15	21%	17	16%	13
McQueen	36%	122	41%	136	40%	148	43%	170	40%	169
No Valleys									20%	43
Reed	23%	97	27%	112	30%	131	28%	122	32%	137
Reno	30%	94	34%	111	38%	120	34%	107	42%	123
Span Spgs									24%	44
Sparks	17%	44	25%	58	23%	65	24%	63	28%	47
TMCC HS	8%	6	16%	12	18%	19	26%	32	30%	27
Washoe	2%	1	0%	0	0%	0	0%	0	0%	0
Wooster	25%	50	20%	41	30%	61	21%	44	25%	42
<b>Total</b>	<b>25%</b>	<b>556</b>	<b>29%</b>	<b>660</b>	<b>29%</b>	<b>703</b>	<b>28%</b>	<b>715</b>	<b>30%</b>	<b>790</b>

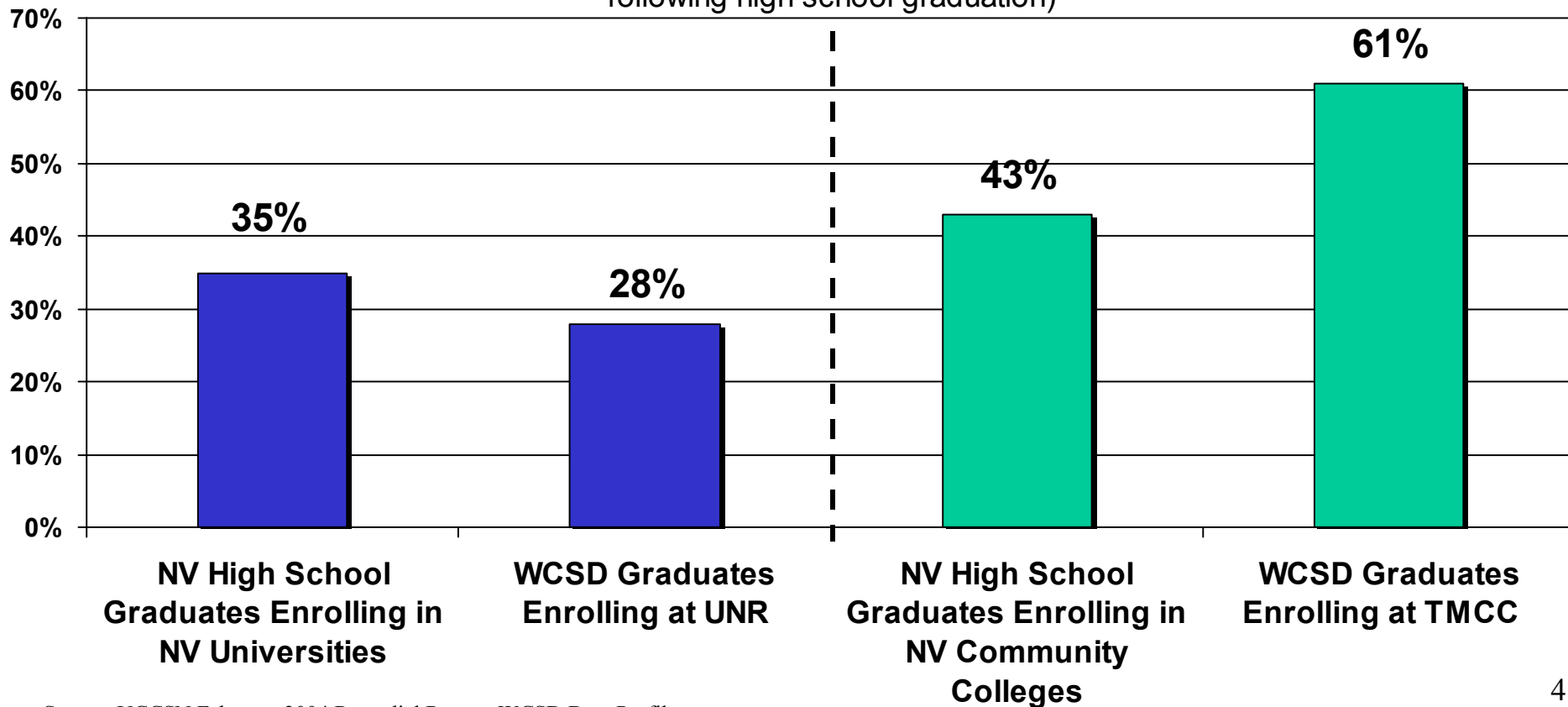


# COLLEGE DATA

## Remediation

### Remediation Rates of Recent Nevada High School Graduates Enrolling in the UCCSN - Fall 2003

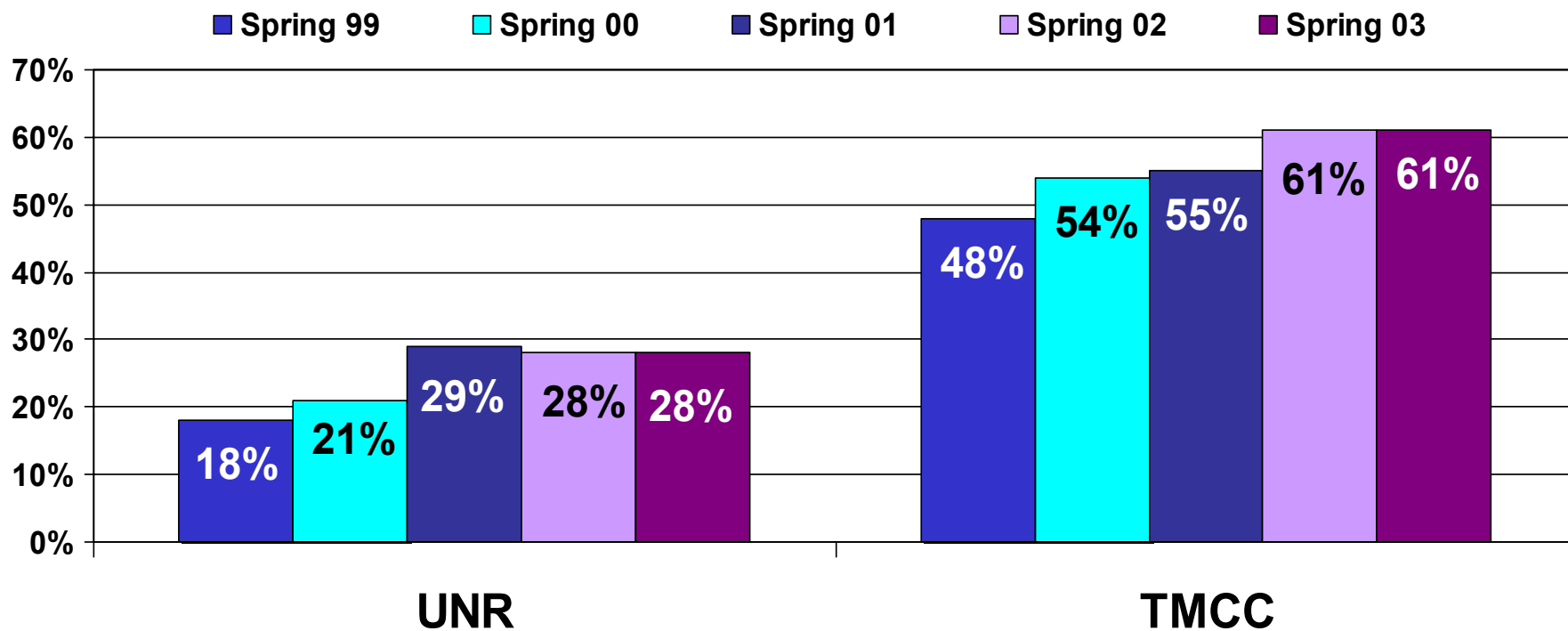
(students enrolled in at least one remedial course in first semester of college immediately following high school graduation)



# COLLEGE DATA

## Remediation by Institution

Percentage of WCSD Graduates Enrolled in a Remedial Course by Institution



# COLLEGE DATA

## Remediation by High School (TMCC)

HIGH SCHOOLS	Fall 99		Fall 00		Fall 01		Fall 02		Fall 03	
	%	N	%	N	%	N	%	N	%	N
Galena	37%	18	39%	18	49%	34	65%	48	59%	49
Gerlach	0%	0	100%	1	100%	3	0%	0	50%	1
Hug	52%	29	63%	25	68%	48	59%	43	80%	43
Incline	60%	3	100%	6	33%	3	77%	10	55%	6
McQueen	52%	32	56%	28	47%	38	73%	53	60%	58
No Valleys									71%	34
Reed	54%	57	52%	50	59%	54	69%	72	63%	65
Reno	32%	11	55%	22	47%	25	62%	34	47%	24
Span Spgs									71%	36
Sparks	61%	35	66%	31	68%	39	67%	40	65%	33
TMCC HS	26%	8	15%	6	29%	14	24%	15	35%	19
Washoe	53%	18	57%	16	62%	18	62%	23	57%	21
Wooster	42%	19	84%	31	65%	30	59%	30	66%	25
<b>Total</b>	<b>48%</b>	<b>230</b>	<b>54%</b>	<b>234</b>	<b>55%</b>	<b>306</b>	<b>61%</b>	<b>368</b>	<b>61%</b>	<b>414</b>

# COLLEGE DATA

## Remediation by High School (UNR)

HIGH SCHOOLS	Fall 99		Fall 00		Fall 01		Fall 02		Fall 03	
	%	N	%	N	%	N	%	N	%	N
Galena	20%	17	17%	22	29%	26	30%	38	28%	34
Gerlach	-	-	-	-	-	-	-	-	-	-
Hug	21%	7	28%	12	49%	25	47%	16	52%	13
Incline	11%	2	30%	6	47%	7	41%	7	38%	5
McQueen	16%	20	23%	31	26%	39	23%	39	24%	41
No Valleys									30%	13
Reed	12%	12	20%	22	30%	39	28%	34	28%	39
Reno	20%	19	23%	26	26%	31	27%	29	21%	26
Span Spgs									43%	19
Sparks	18%	8	21%	12	23%	15	29%	18	28%	13
TMCC HS	0%	0	17%	2	5%	1	6%	2	15%	4
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	30%	15	17%	7	30%	18	36%	16	29%	12
<b>Total</b>	<b>18%</b>	<b>100</b>	<b>21%</b>	<b>140</b>	<b>29%</b>	<b>201</b>	<b>28%</b>	<b>199</b>	<b>28%</b>	<b>219</b>

# COLLEGE DATA

## Persistence Rates of WCSD Graduating Cohorts

Institution	Percentage Returning After 1 Semester	Percentage Returning After 2 Semesters
<b>TMCC</b>		
Spring 1999 Cohort	68%	55%
Spring 2000 Cohort	70%	60%
Spring 2001 Cohort	71%	56%
Spring 2002 Cohort	74%	62%
Spring 2003 Cohort	70%	n/a
<b>UNR</b>		
Spring 1999 Cohort	93%	82%
Spring 2000 Cohort	90%	78%
Spring 2001 Cohort	88%	78%
Spring 2002 Cohort	91%	84%
Spring 2003 Cohort	88%	n/a

- Nationally, 73.5% will return after 2 semesters at Universities and 55.8% at Community Colleges (2003, ACT Institutional Data Questionnaire).

# COLLEGE DATA

## Persistence by High School at TMCC

Percentage Returning After One Semester (N = # returning)

HIGH SCHOOLS	Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort		Spring 02 Cohort		Spring 03 Cohort	
	%	N	%	N	%	N	%	N	%	N
Galena	80%	39	65%	30	80%	56	77%	57	71%	59
Gerlach	-	-	100%	1	33%	3	-	-	100%	2
Hug	79%	44	73%	29	68%	48	74%	54	65%	35
Incline	60%	3	67%	4	78%	7	62%	8	55%	6
McQueen	65%	40	78%	39	59%	47	73%	53	74%	72
No Valleys									67%	32
Reed	70%	73	74%	71	75%	69	77%	81	69%	72
Reno	56%	19	70%	28	72%	38	80%	44	73%	37
Span Spgs									69%	35
Sparks	65%	37	72%	34	82%	47	73%	44	71%	36
TMCC HS	81%	25	66%	27	75%	36	75%	47	73%	40
Washoe	44%	15	61%	17	48%	14	57%	21	65%	24
Wooster	67%	30	65%	24	65%	30	73%	37	74%	28
<b>Total</b>	<b>68%</b>	<b>325</b>	<b>70%</b>	<b>304</b>	<b>71%</b>	<b>395</b>	<b>74%</b>	<b>446</b>	<b>70%</b>	<b>478</b>

# COLLEGE DATA

## Persistence by High School at UNR

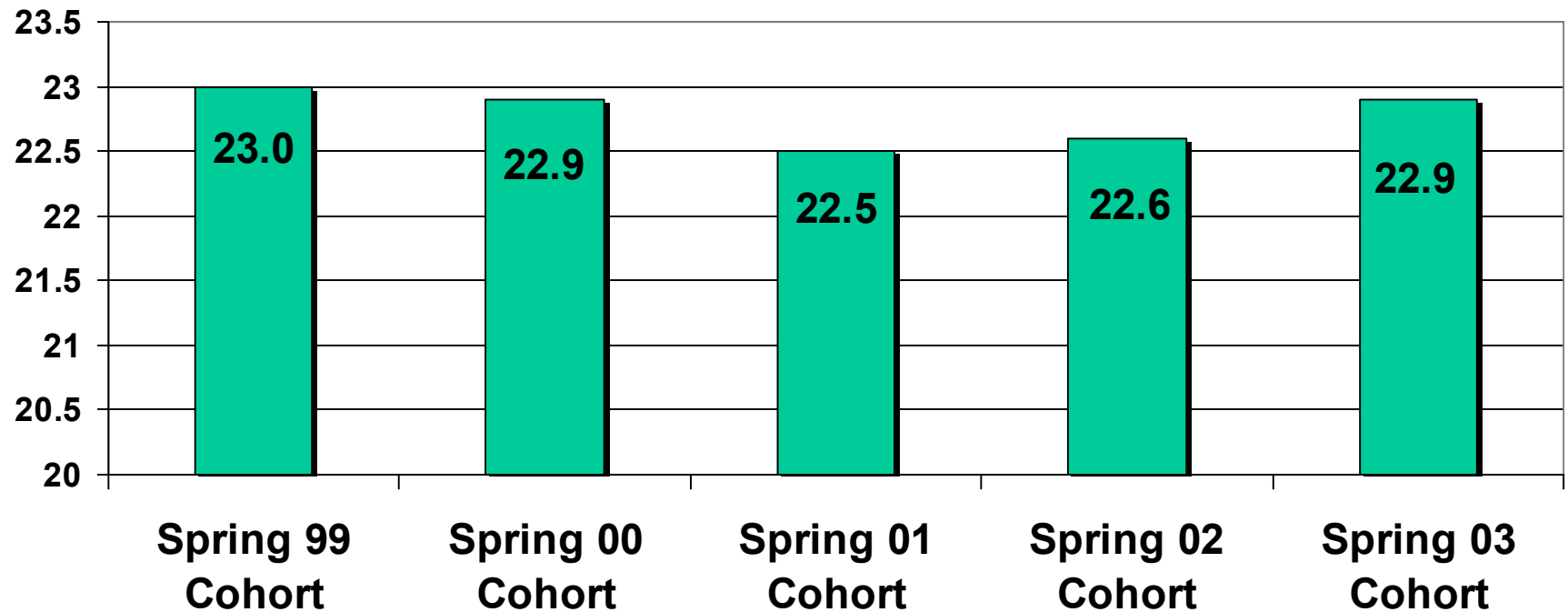
Percentage Returning After One Semester (N = # returning)

HIGH SCHOOLS	Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort		Spring 02 Cohort		Spring 03 Cohort	
	%	N	%	N	%	N	%	N	%	N
Galena	97%	83	90%	113	92%	84	90%	112	89%	105
Gerlach	100%	3	-	-	100%	2	100%	1	-	-
Hug	94%	32	81%	35	84%	43	88%	30	84%	21
Incline	95%	18	95%	19	93%	14	71%	12	77%	10
McQueen	93%	113	91%	124	95%	140	95%	161	92%	158
No Valleys									82%	36
Reed	95%	92	89%	100	81%	106	90%	110	87%	123
Reno	94%	88	91%	101	88%	106	96%	103	90%	111
Span Spgs									86%	37
Sparks	86%	38	88%	51	85%	55	92%	58	90%	43
TMCC HS	83%	5	92%	11	89%	17	81%	26	78%	21
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	92%	46	93%	38	87%	53	86%	38	93%	38
<b>Total</b>	<b>93%</b>	<b>518</b>	<b>90%</b>	<b>592</b>	<b>88%</b>	<b>620</b>	<b>91%</b>	<b>651</b>	<b>88%</b>	<b>703</b>

# COLLEGE DATA

## ACT Scores

### ACT Composite Scores of WCSD Graduating Cohorts Attending UNR

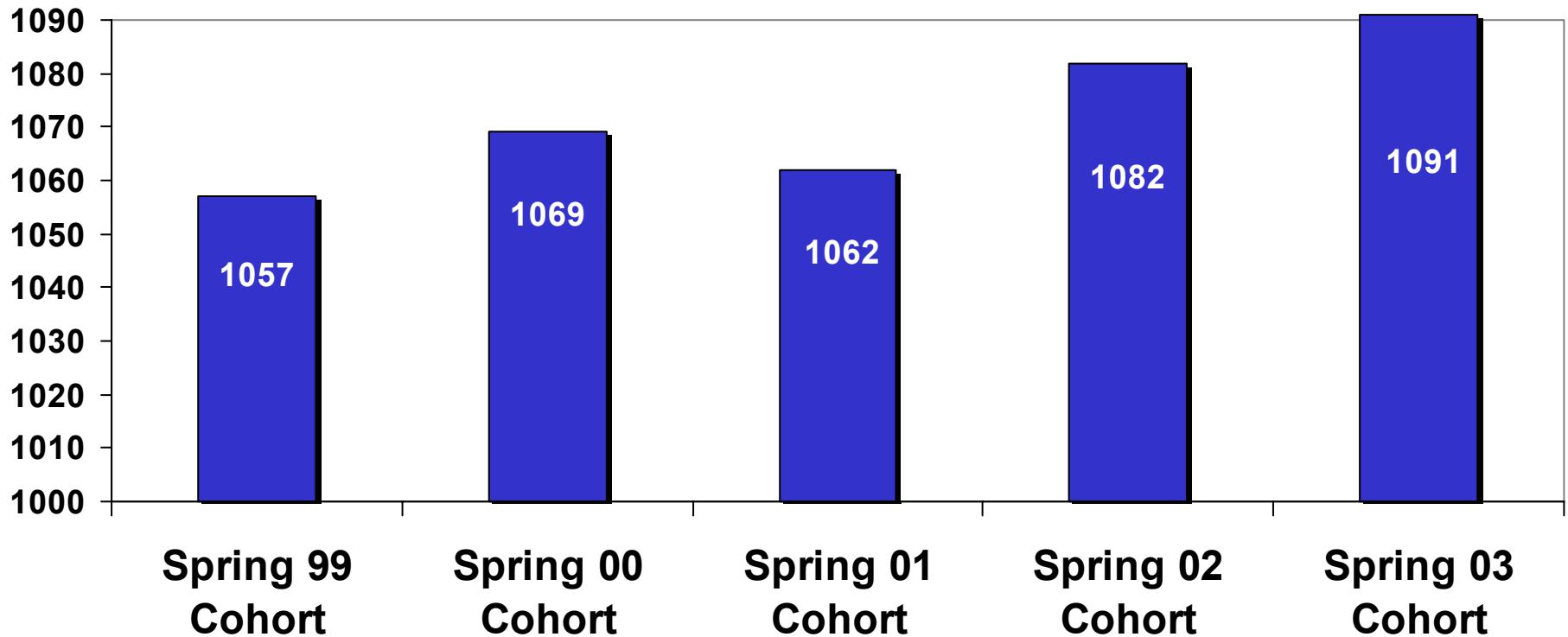




# COLLEGE DATA

## SAT Scores

The Combined Verbal and Math SAT Scores of WCSD Graduating Cohorts Attending UNR



# COLLEGE DATA

## Average ACT Scores by High School WCSD Graduating Cohorts Attending UNR

HIGH SCHOOLS	Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort		Spring 02 Cohort		Spring 03 Cohort	
	Score	N	Score	N	Score	N	Score	N	Score	N
Galena	23	68	23.8	84	23.5	58	22.9	78	22.7	74
Gerlach	20.7	3	-	-	19	2	-	-	-	-
Hug	22.3	25	21.7	34	20.3	42	22	28	20.1	18
Incline	21.9	14	22.5	10	19.5	6	20.8	9	22	6
McQueen	24.5	107	23.5	117	22.9	124	23	147	23.5	132
No Valleys									21.8	36
Reed	23.3	83	23.2	88	22	117	22.6	108	23.2	123
Reno	21.9	59	22.1	64	23.1	86	23.4	57	23.7	61
Span Spgs									21.5	28
Sparks	22.3	44	21.6	50	22	64	21.3	58	21.6	42
TMCC HS	23.8	5	23.2	6	23.9	14	22.5	19	23.1	11
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	21.4	33	22.7	35	23.4	48	22.4	31	23	32
<b>Total</b>	<b>23</b>	<b>441</b>	<b>22.9</b>	<b>486</b>	<b>22.5</b>	<b>561</b>	<b>22.6</b>	<b>535</b>	<b>22.9</b>	<b>563</b>

# COLLEGE DATA

## Average SAT Scores by High School WCSD Graduating Cohorts Attending UNR

HIGH SCHOOLS	Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort		Spring 02 Cohort		Spring 03 Cohort	
	Score	N	Score	N	Score	N	Score	N	Score	N
Galena	1065	62	1099	86	1061	69	1062	93	1043	80
Gerlach	990	2	-	-	890	1	-	-	-	-
Hug	1095	18	1025	19	1053	19	992	12	1077	6
Incline	1038	16	1008	16	1017	12	999	13	1034	13
McQueen	1102	64	1115	68	1078	67	1113	76	1158	69
No Valleys									1035	15
Reed	1038	72	1058	68	1030	60	1058	74	1103	72
Reno	1039	69	1053	87	1076	90	1095	85	1112	95
Span Spgs									1024	22
Sparks	1115	8	1030	24	1068	24	1127	13	1019	11
TMCC HS	1127	3	1061	6	1133	7	1155	20	1140	13
Washoe	-	-	-	-	-	-	-	-	-	-
Wooster	1018	40	1039	24	1064	37	1098	31	1079	27
<b>Total</b>	<b>1057</b>	<b>354</b>	<b>1069</b>	<b>398</b>	<b>1062</b>	<b>386</b>	<b>1082</b>	<b>417</b>	<b>1091</b>	<b>423</b>

# COLLEGE DATA

## WCSD 2003 Graduates Enrolled in Remedial Math at TMCC in 2003

Method of Placement into Remedial Math at TMCC

Placed into remedial math based on Accuplacer or ACT scores.	88%
Qualified for college-level math based on ACT or Accuplacer cut score but self-selected remedial math	3%
Self-selected (no test taken)	9%

# College Data

## Profile of WCSD Class of 2003 Graduates Enrolled in College-Level Remediation in Mathematics, Fall 2003 University of Nevada, Reno, and Truckee Meadows Community College

	<b>UNR</b>	<b>TMCC</b>	<b>UNR plus TMCC</b>
<b>% of WCSD grads enrolled in remedial math</b>	<b>10%</b>	<b>44%</b>	<b>26%</b>
<b>% of remedial students who had passed Algebra 3-4 or above in high school</b>	<b>85%</b>	<b>44%</b>	<b>54%</b>
<b>Grade in high school Algebra 3-4 of these remedial students</b>	<b>61% had grade of C or below</b>	<b>72% had grade of C or below</b>	<b>68% had grade of C or below</b>
<b>Average cumulative math GPA in high school of remedial students who had passed Algebra 3-4 or higher</b>	<b>2.50</b>	<b>2.38</b>	<b>2.43</b>
<b>% of remedial math students who had taken four years of math in high school</b>	<b>35%</b>	<b>20%</b>	<b>23%</b>
<b>% of remedial math students who had taken four years of high school math including a course beyond Algebra 3-4</b>	<b>16%</b>	<b>2%</b>	<b>5%</b>

- Almost half (46%) of WCSD students enrolled in remedial math in college had not taken and passed Algebra 3-4 in high school.
- Of those remedial math students who had passed Algebra 3-4 in high school, over 60% had received a grade of C or lower in Algebra 3-4, and their average cumulative math GPA in high school was 2.43.
- Seventy-seven percent of students enrolled in remedial math in college had not taken four years of high school mathematics, and only 5% of students enrolled in remedial math had taken four years of high school math including a course beyond Algebra 3-4.

# SUMMARY

## **WCSD Graduating Class of 2003:**

- The dropout rate reached a record low of 2.8%.
- SAT verbal and math scores rose while participation was unchanged compared to the Class of 2002.
- Participation in Advanced Placement courses increased for the second consecutive year.
- Enrollment in advanced science courses increased for the fourth consecutive year.

# SUMMARY

## **College Data - WCSD Graduating Cohorts:**

- WCSD college-going rate of 66% exceeds the national rate.
- Over 80% of college-going graduates in 2003 attended UNR or TMCC.
- The combined capture rate of WCSD graduates for UNR and TMCC rose to 55%, up from 46% since 1999.
- ACT and SAT scores for WCSD graduates attending UNR rose again.

# SUMMARY

## **Math Remediation at UNR and TMCC:**

- Eighty-eight percent of WCSD graduates taking remedial math at TMCC are not there because of self-selection.
- Twenty-six percent of WCSD 2003 graduates at UNR/TMCC took remedial math in fall 2003.
- Fifty-four percent of WCSD graduates at UNR/TMCC taking remedial math had passed Algebra 3-4 or above in high school, but 68% earned C or lower.
- Only 23% of WCSD graduates at UNR/TMCC taking remedial math took 4 years of high school math, only 5% going beyond Algebra 3-4.



# SUMMARY

## Recommendations for Future Work:

- Examine Washoe County data at the four key transition points from high school to completion of a college degree: high school graduation rate, college-going rate, persistence rate after two college semesters, college graduation rate.
- Begin to disaggregate selective data sets by student ethnicity.
- Continue to improve the capability to identify factors that promote or retard student success in higher education.