

HIGH SCHOOL DATA PROFILE

WASHOE COUNTY SCHOOL DISTRICT

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

September 2002

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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 2002

- Tracking and analysis of 1998, 1999, 2000 & 2001 WCSD graduating cohorts
- Comparisons made to 1998 data, as well as state and national measures

WCSD HIGH SCHOOLS

Eleven High Schools Included in Data Profile:

- Galena
- Gerlach
- Hug
- Incline
- McQueen
- Reed
- Reno
- Sparks
- TMCC HS
- Washoe
- Wooster

REPORT CONTENT

Academic Year '01

High School outcome measures for the class of 2001, with comparisons to 1998, 1999 & 2000 classes



College Data

College outcome measures for 2001, with comparisons to 1998, 1999 & 2000 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 2001

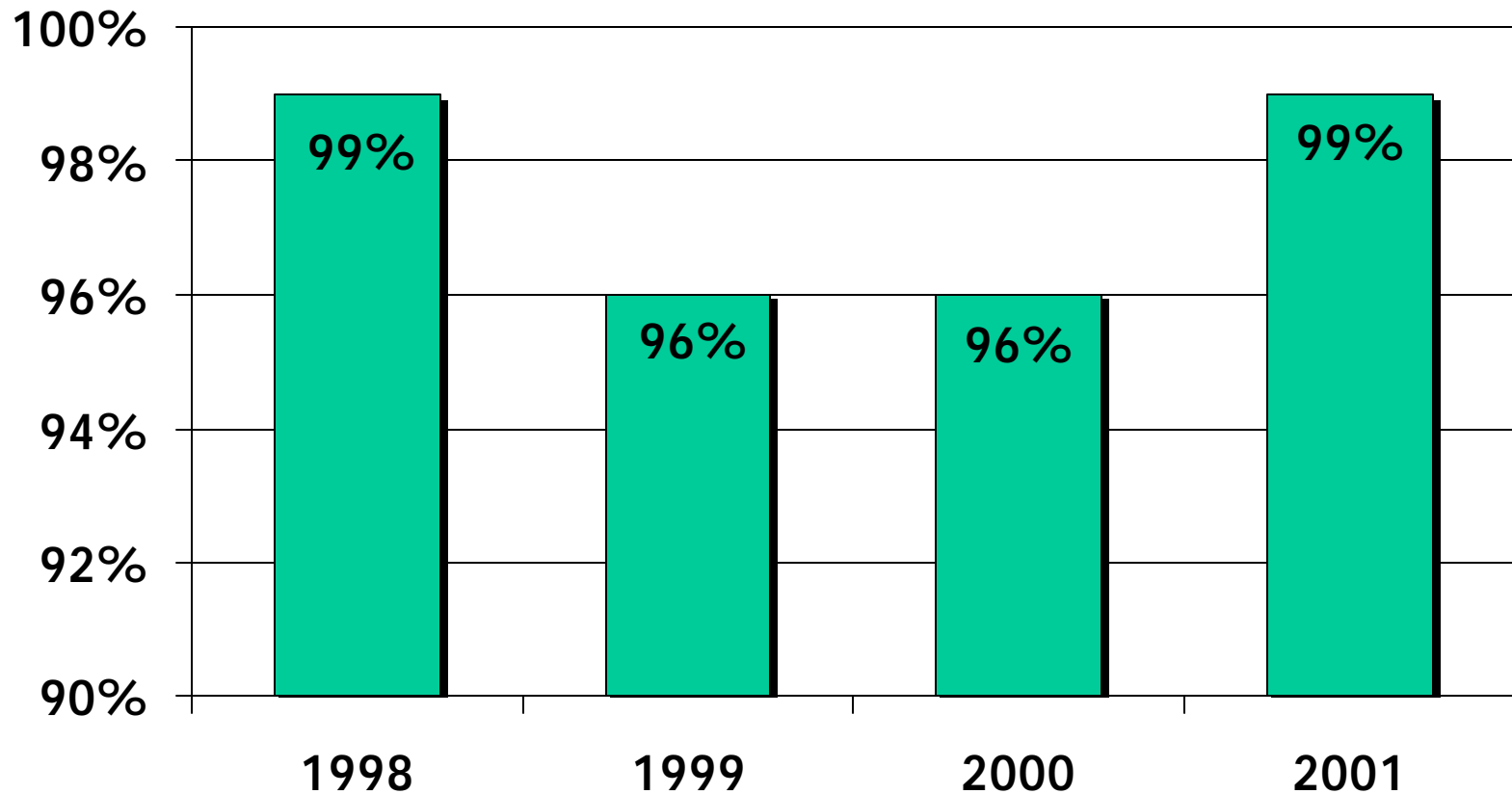
Measures

-  **Teachers Teaching within Area of Licensure**
-  **Dropout Rate:** Percent of students in grades 9-12 that dropped out of school during the previous 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 on ACT and SAT exams
-  **College Preparatory Courses:** Percent of students enrolling in advanced placement, advanced math (geometry & above), and advanced science (chemistry & above)

ACADEMIC YEAR 2001

Washoe County School District

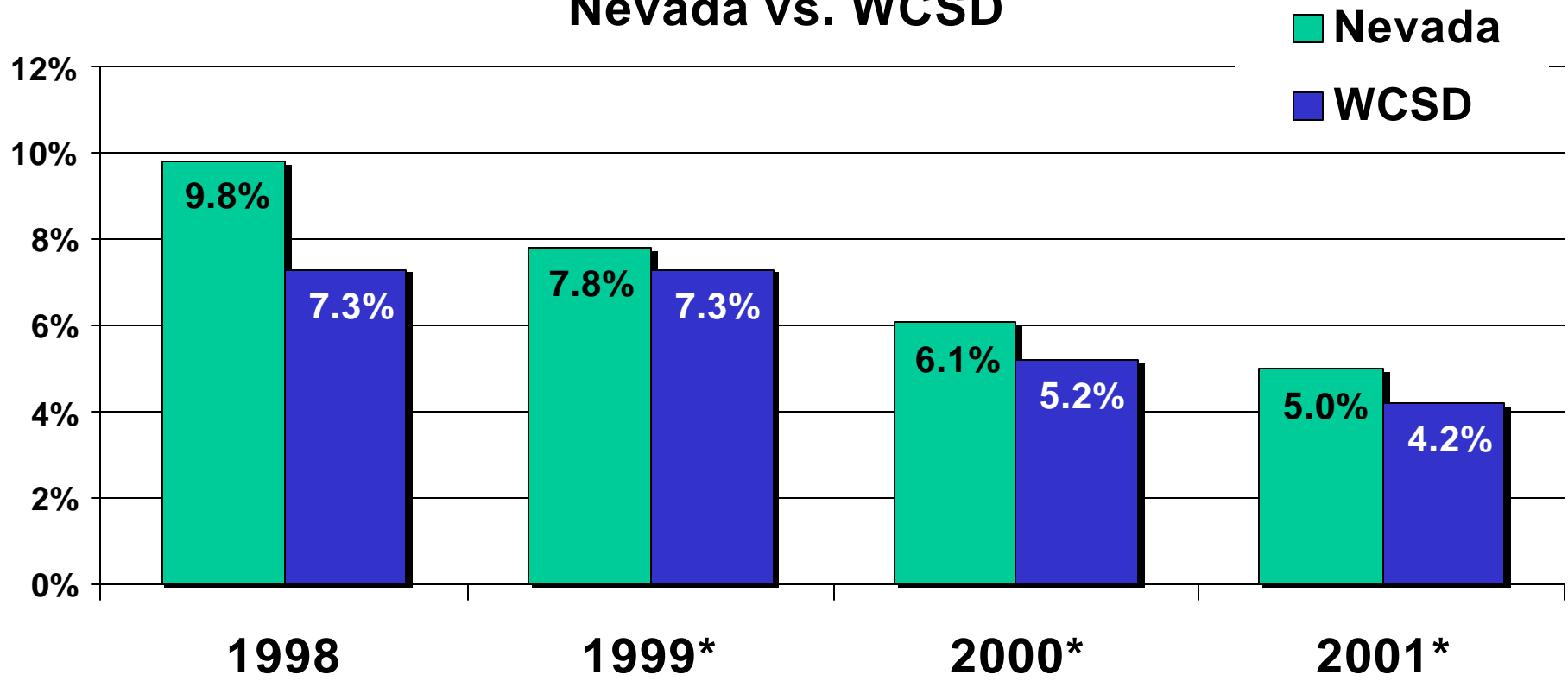
Teachers Teaching within Area of Licensure



ACADEMIC YEAR 2001

Dropout Rates

Dropout Rates
Nevada vs. WCSD



*computed under new state formula

ACADEMIC YEAR 2001

Dropout Rates by High School

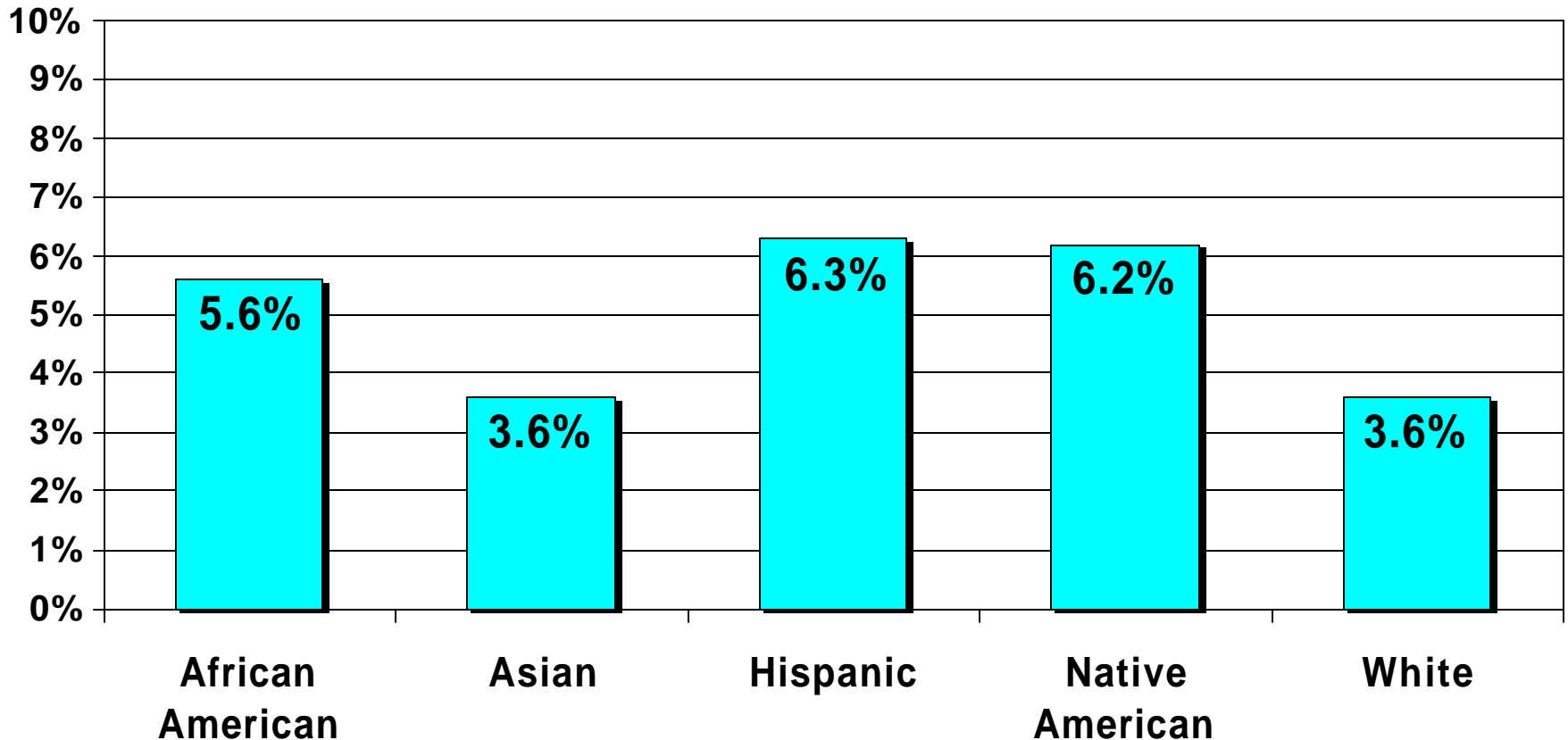
HIGH SCHOOLS	1997-98	1998-99	1999-00	2000-01
Galena	1.8%	1.8%	3.7%	1.1%
Gerlach	2.1%	6.3%	6.1%	2.7%
Hug	5.8%	11.0%	5.3%	5.9%
Incline	1.4%	1.6%	1.1%	0.7%
McQueen	3.5%	2.3%	2.1%	2.5%
Reed	4.7%	4.3%	2.9%	2.7%
Reno	4.0%	2.6%	2.9%	2.8%
Sparks	9.3%	9.5%	6.4%	1.4%
TMCC HS	0.0%	6.7%	6.1%	2.4%
Washoe*	48.9%	41.9%	34.5%	33.0%
Wooster	6.5%	6.9%	3.8%	3.6%
WCSD Average	7.3%	7.3%	5.2%	4.2%

* Washoe HS is an alternative learning site

ACADEMIC YEAR 2001

Dropout Rates by Ethnicity

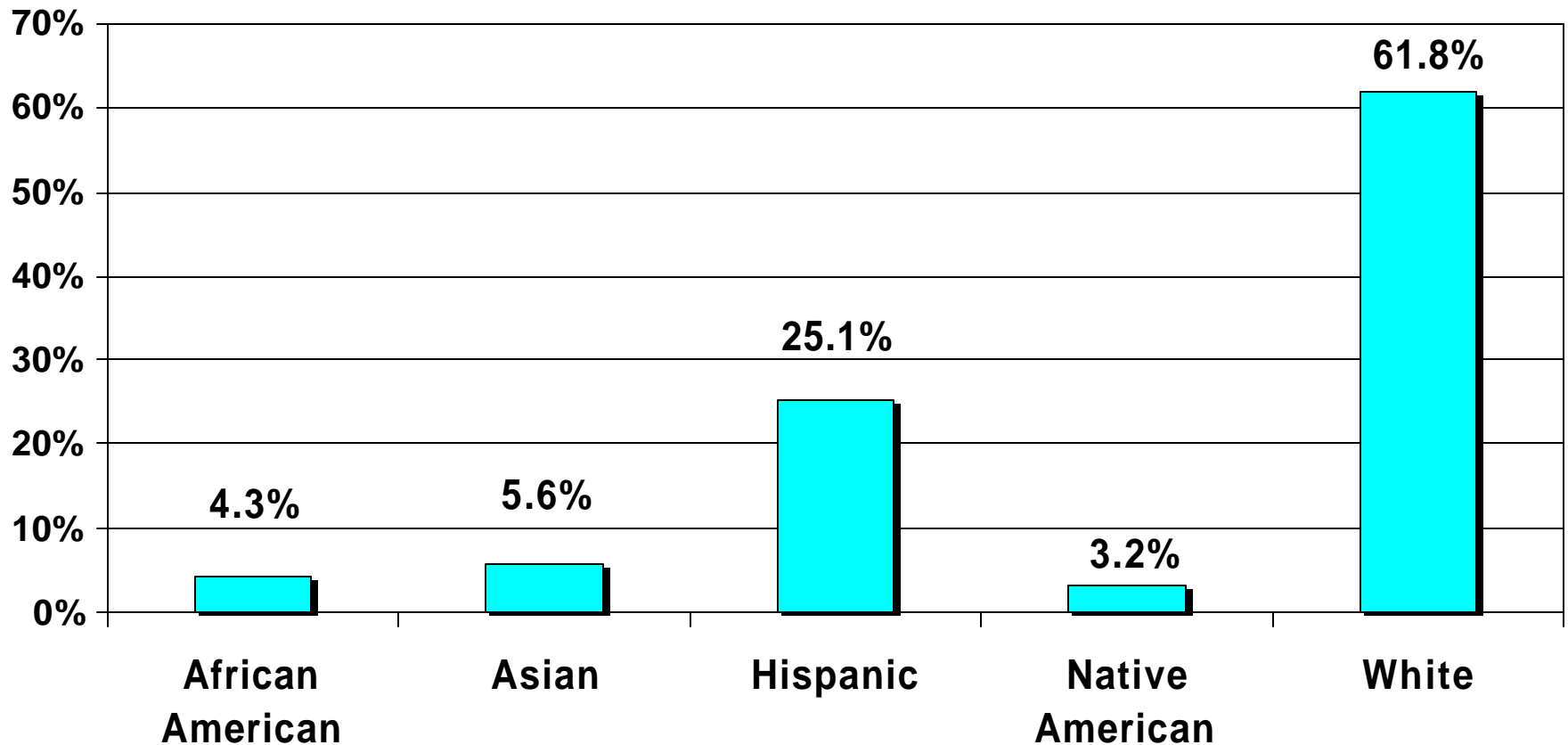
Percent Dropping Out by Ethnic Group



ACADEMIC YEAR 2001

Dropout Rates by Ethnicity

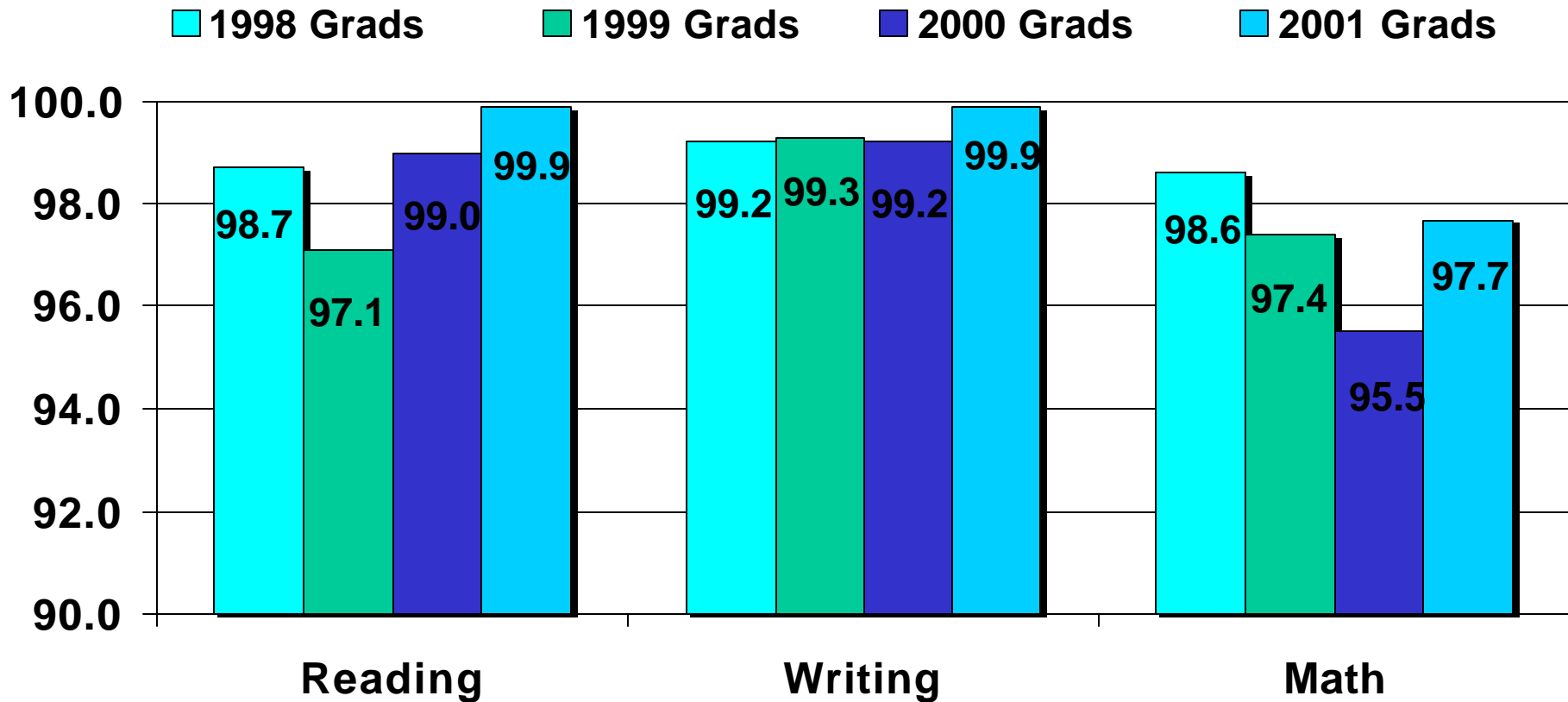
Percent of Total 9-12th Grade Dropouts



ACADEMIC YEAR 2001

High School Proficiency Exam

High School Proficiency Exam % Passing WCSD 1998-2001 Graduates



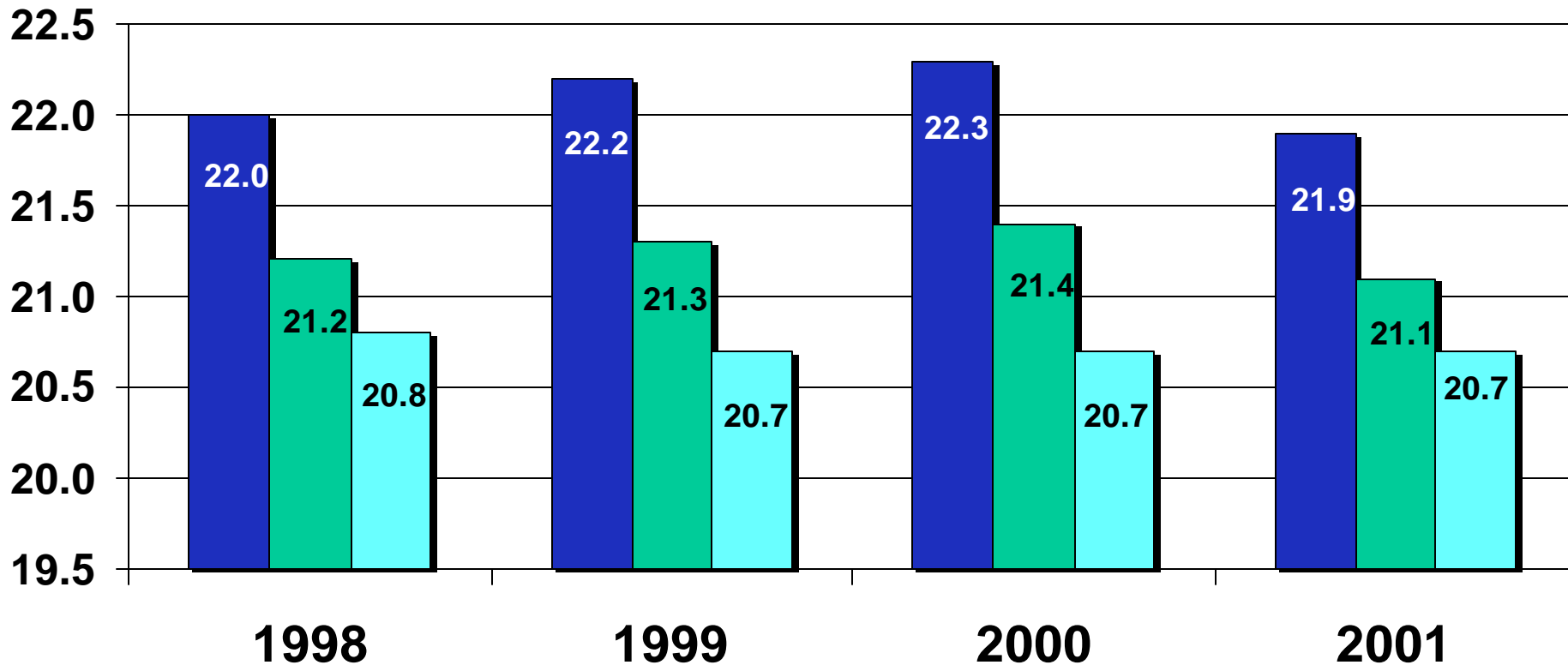
*Difficulty and passing score increased for HSPE taken by 1999 graduates. The above figures include Washoe High School. However, by NRS the WCSD ave. submitted for state accountability purposes does not include Washoe H.S. Beginning in 1998 calculation of HSPE % changed to reflect the % of only those who had enough credits to graduate.

ACADEMIC YEAR 2001

ACT Math Scores

ACT Math Scores WCSD, NV, & National Comparisons

■ WCSD Average ■ Nevada Average ■ National Average



Note: The ACT scale is 1-36

ACADEMIC YEAR 2001

ACT Math Scores by High School

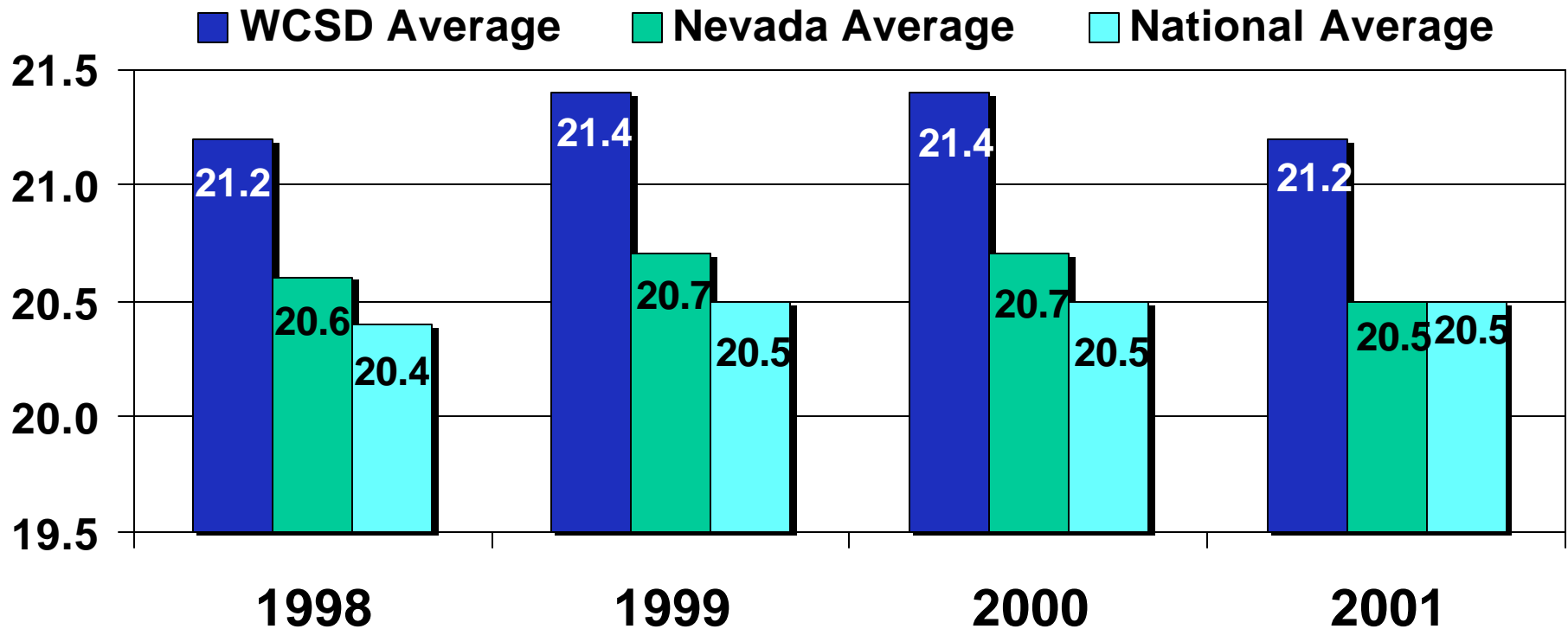
HIGH SCHOOLS	ACT Math Scores			
	1998	1999	2000	2001
Galena	22.2	21.7	23.2	22.2
Gerlach	-	-	-	-
Hug	20.6	20.7	20.9	20.9
Incline	21.0	22.2	22.1	21.3
McQueen	23.4	24.4	23.6	23.3
Reed	21.3	22.1	21.7	21.1
Reno	23.8	23.6	23.2	23.0
Sparks	20.2	20.0	20.1	20.4
TMCC HS	-	-	-	22.4
Washoe	-	-	-	-
Wooster	20.4	21.0	21.6	22.1
WCSD AVG.	22.0	22.2	22.3	21.9

Note: The ACT scale is 1-36

ACADEMIC YEAR 2001

ACT English Scores

ACT English Scores WCSD, NV, & National Comparisons



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 2001

ACT English Scores by High School

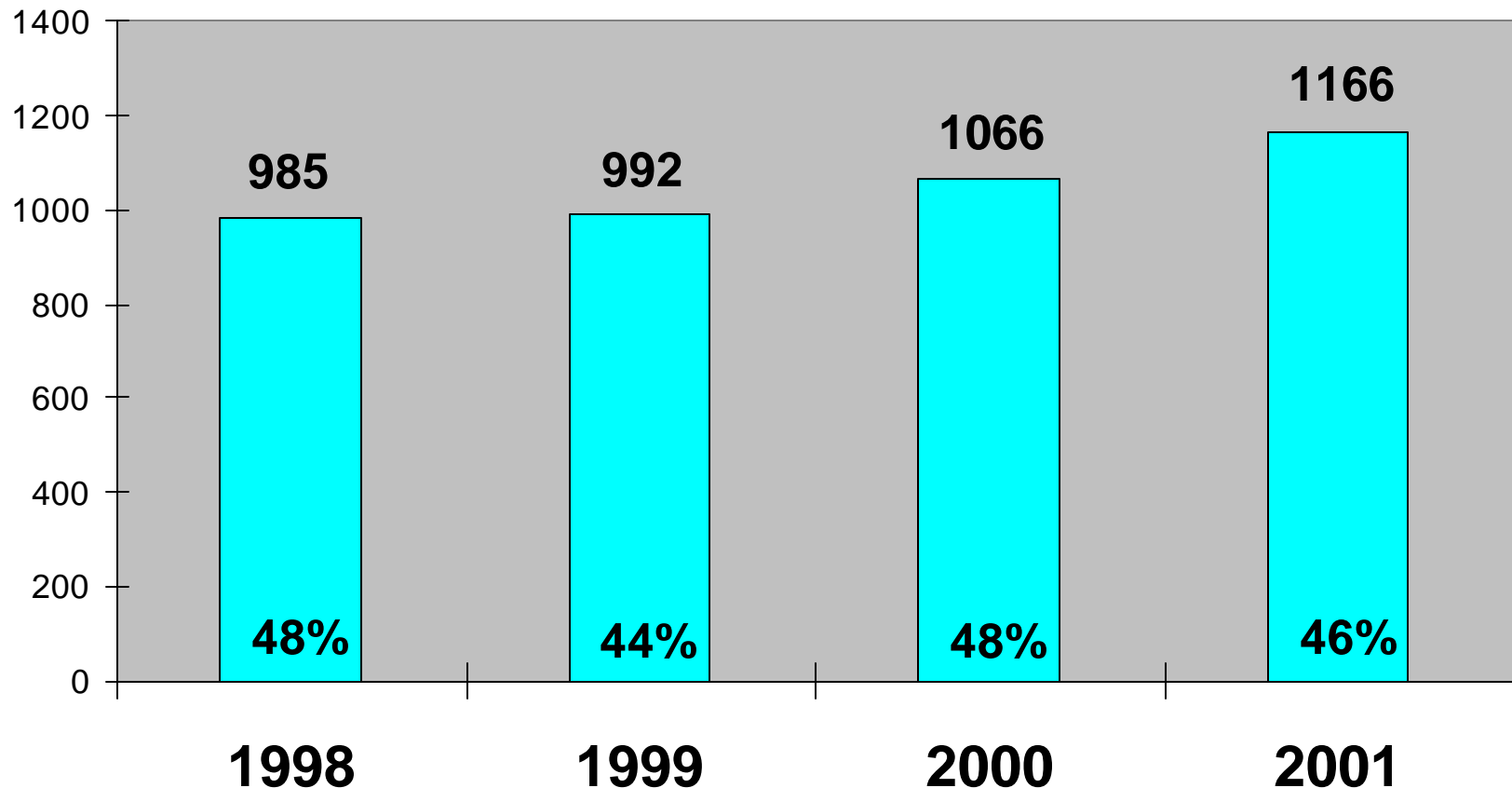
HIGH SCHOOLS	ACT English Scores			
	1998	1999	2000	2001
Galena	21.7	21.6	22.7	21.9
Gerlach	-	-	-	-
Hug	19.9	19.5	19.2	19.3
Incline	21.3	21.2	21.4	21.7
McQueen	21.9	23.1	21.9	21.7
Reed	21.2	21.3	20.5	20.3
Reno	23.3	22.9	23.3	23.5
Sparks	18.4	19.3	19.5	20.3
TMCC HS	-	-	-	22.6
Washoe	-	-	-	-
Wooster	19.3	19.4	20.0	20.9
WCSD AVG.	21.2	21.4	21.4	21.2

Note: 1998 English data for Reed updated and corrected from previous publications. Schools not reported had fewer than 20 students tested.

ACADEMIC YEAR 2001

ACT Participation

Number and Percentage of WCSD Graduates Taking ACT



ACADEMIC YEAR 2001

ACT Participation- WCS D Graduates Taking ACT by High School

HIGH SCHOOLS	1998		1999		2000		2001	
	Number	%	Number	%	Number	%	Number	%
Galena	136	45%	135	59%	185	48%	133	46%
Gerlach	-	-	-	-	-	-	-	-
Hug	74	31%	53	30%	72	22%	92	32%
Incline	35	54%	49	50%	41	54%	31	33%
McQueen	211	65%	182	60%	206	54%	211	57%
Reed	181	46%	200	50%	215	48%	251	56%
Reno	164	51%	150	44%	147	48%	168	52%
Sparks	97	47%	124	45%	109	47%	138	48%
TMCC HS	-	-	-	-	-	-	40	38%
Washoe	-	-	-	-	-	-	-	-
Wooster	71	42%	79	33%	72	41%	90	42%
Total	985	48%	992	44%	1066	48%	1166	46%

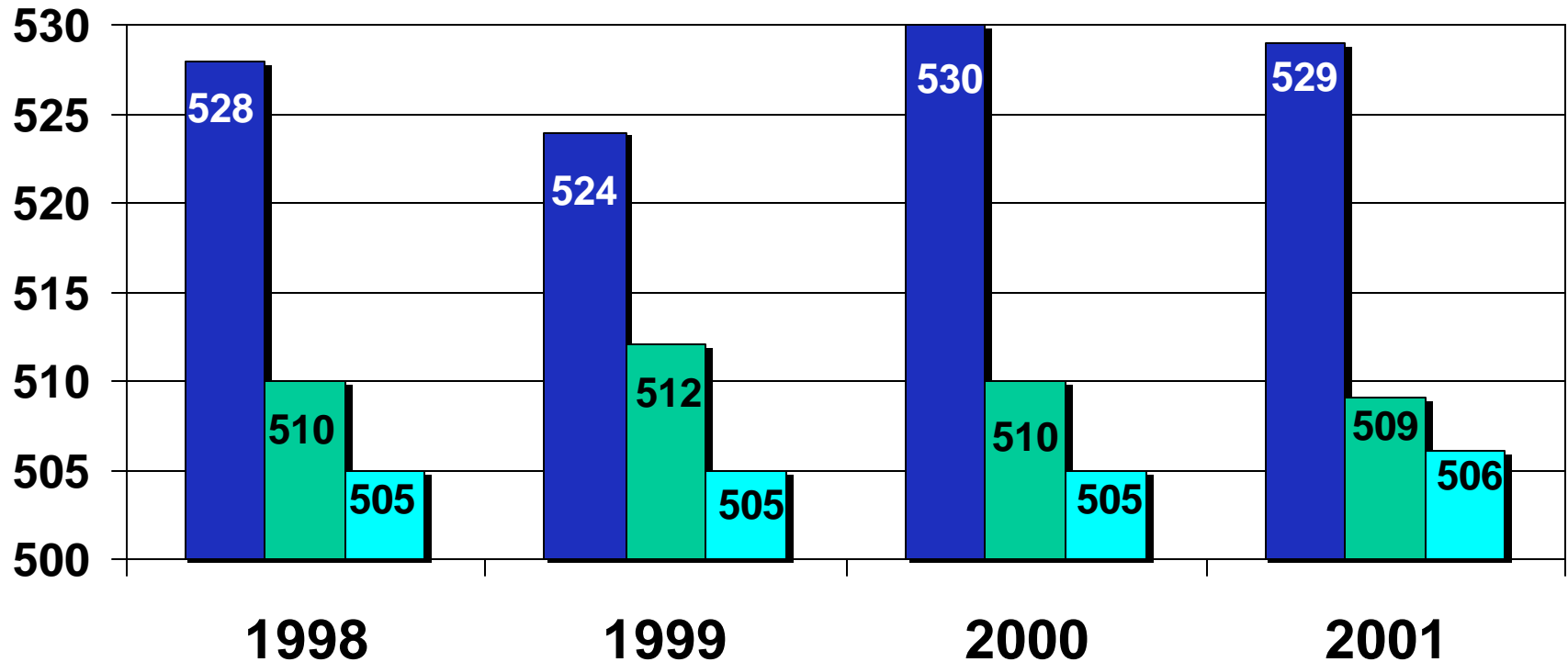
*Total numbers are higher than sum of individual schools as Gerlach, TMCC, & Washoe do have some students who take the ACT, but fewer than 20 students were tested.

ACADEMIC YEAR 2001

SAT Verbal Scores

SAT Verbal Scores WCSD, NV, & National Comparisons

■ WCSD Average ■ Nevada Average ■ National Average



ACADEMIC YEAR 2001

SAT Verbal Scores by High School

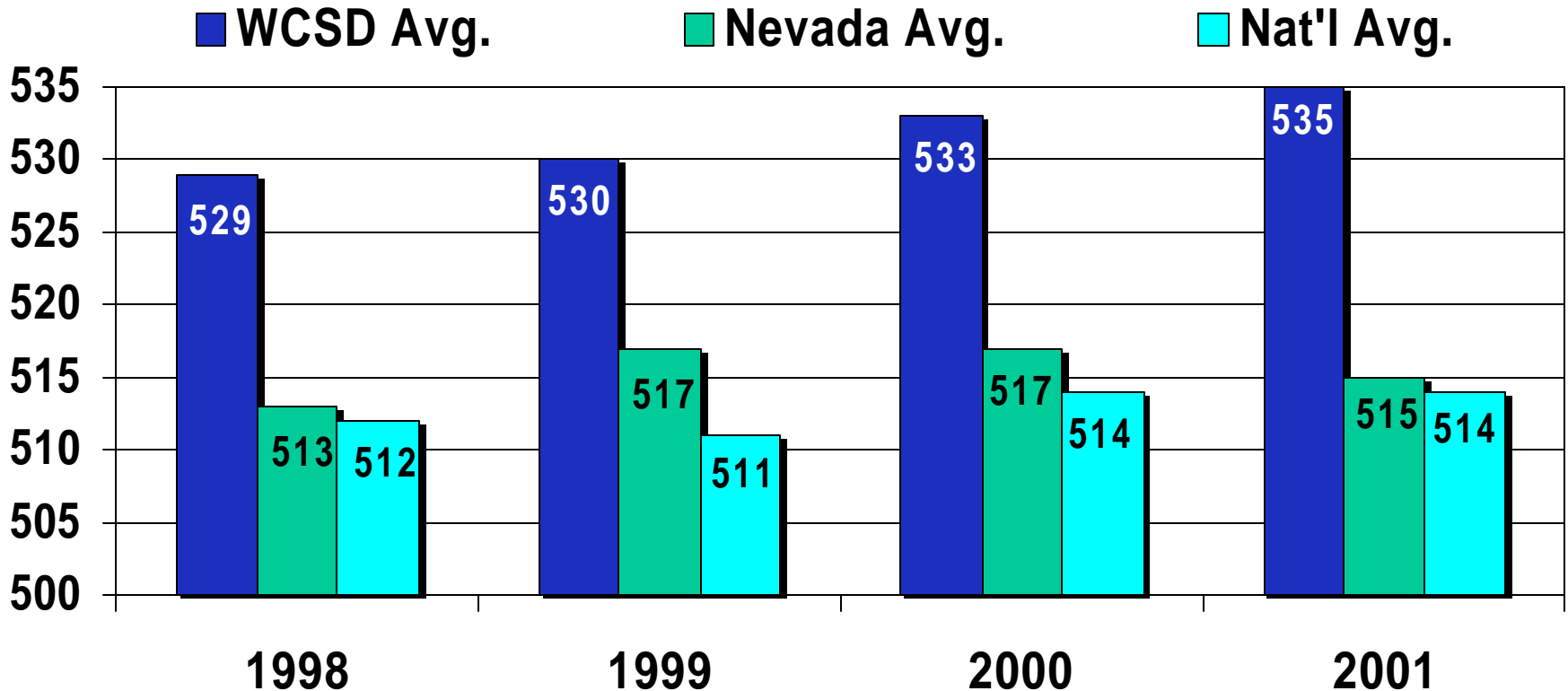
HIGH SCHOOLS	SAT Verbal Scores			
	1998	1999	2000	2001
Galena	522	523	531	526
Gerlach	-	-	-	-
Hug	517	507	500	515
Incline	524	530	508	540
McQueen	538	552	545	530
Reed	520	512	509	510
Reno	552	541	558	549
Sparks	504	480	508	492
TMCC HS	542	-	514	580
Washoe	-	-	-	-
Wooster	489	483	500	522
WCSD AVE.	528	524	530	529

Note: 1997 Incline data updated and corrected from previous publications.
Schools not reported had fewer than 20 students tested.

ACADEMIC YEAR 2001

SAT Math Scores

SAT Math Scores WCSD, NV, & National Comparisons



ACADEMIC YEAR 2001

SAT Math Scores by High School

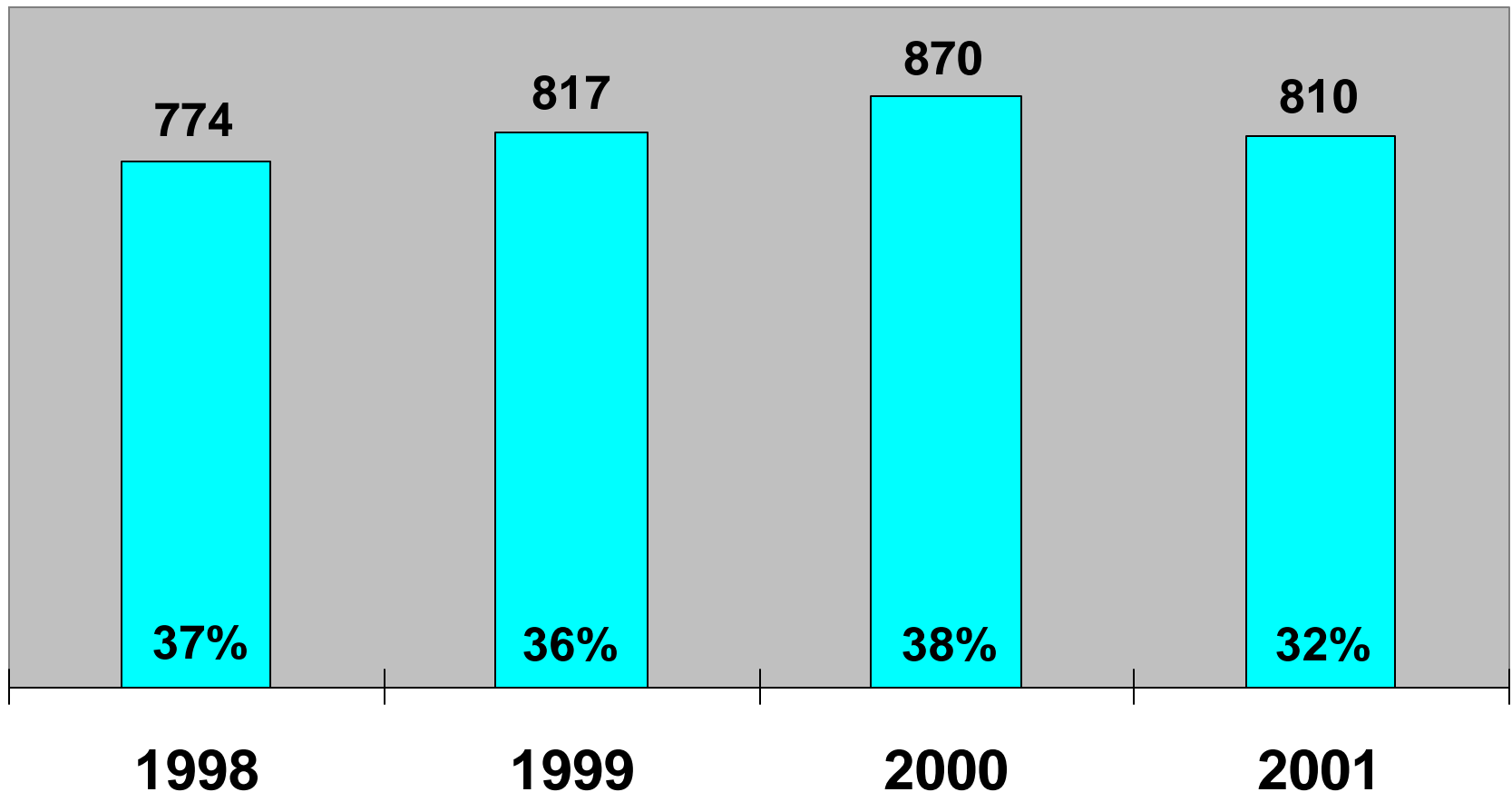
HIGH SCHOOLS	SAT Math Scores			
	1998	1999	2000	2001
Galena	520	525	531	527
Gerlach	-	-	-	-
Hug	515	501	498	523
Incline	512	522	525	549
McQueen	552	561	548	552
Reed	514	524	526	517
Reno	550	545	552	546
Sparks	521	474	511	514
TMCC HS	-	-	520	549
Washoe	-	-	-	-
Wooster	503	509	513	536
WCSD AVE.	529	530	533	535

Schools not reported had fewer than 20 students tested

ACADEMIC YEAR 2001

SAT Participation

Number and Percentage of WCSD Graduates Taking SAT



ACADEMIC YEAR 2001

SAT Participation by High School

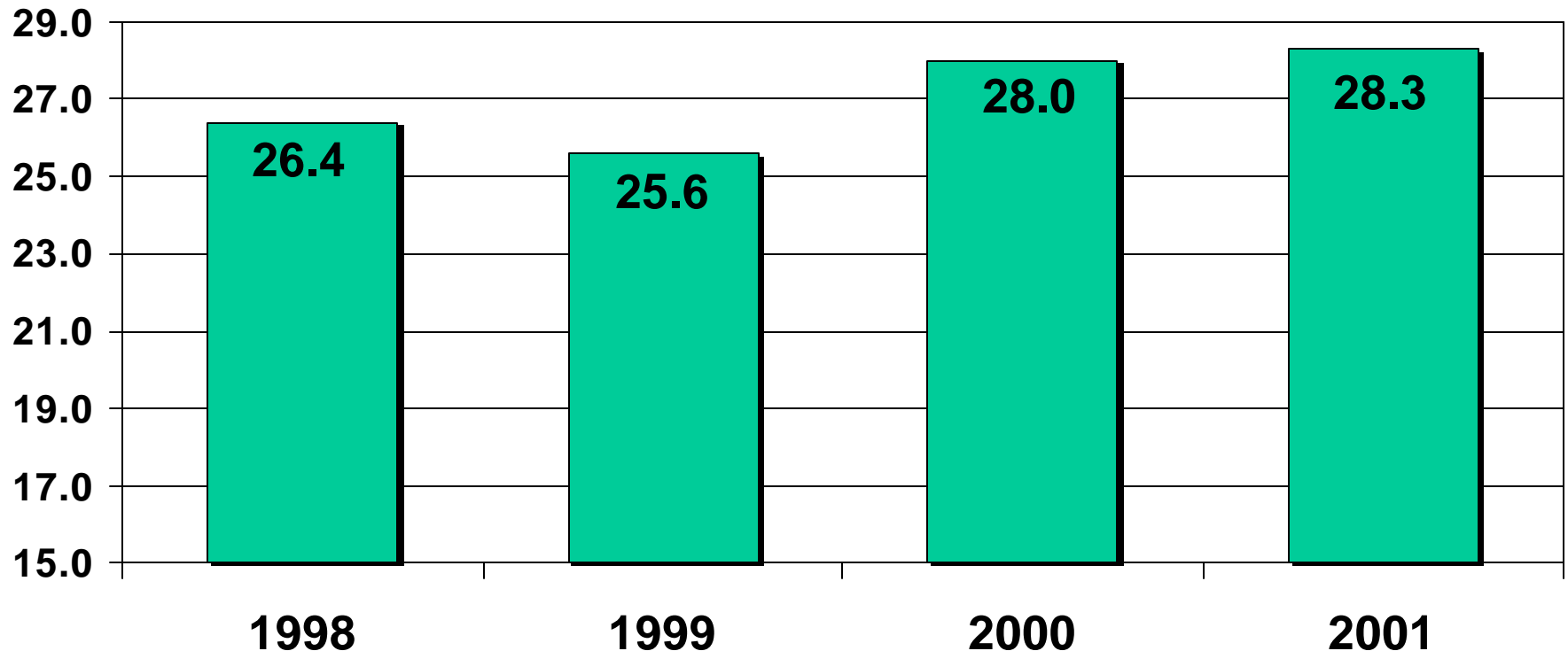
HIGH SCHOOLS	1998		1999		2000		2001	
	Number	%	Number	%	Number	%	Number	%
Galena	149	51%	136	58%	182	49%	134	46%
Gerlach	-	-	-	-	-	-	-	-
Hug	56	24%	46	19%	46	19%	46	16%
Incline	35	54%	50	60%	49	56%	53	57%
McQueen	135	42%	136	34%	118	40%	121	32%
Reed	140	36%	151	32%	136	37%	125	28%
Reno	176	55%	195	64%	217	63%	191	69%
Sparks	34	17%	25	14%	35	10%	43	15%
TMCC HS	-	-	-	-	24	30%	29	27%
Washoe	-	-	-	-	-	-	-	-
Wooster	45	27%	71	28%	62	36%	63	30%
Total	774	37%	817	36%	870	38%	810	32%

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

ACADEMIC YEAR 2001

Enrollment in College Preparation Courses

Percent of WCSD Juniors & Seniors Enrolled in Advanced Placement Courses

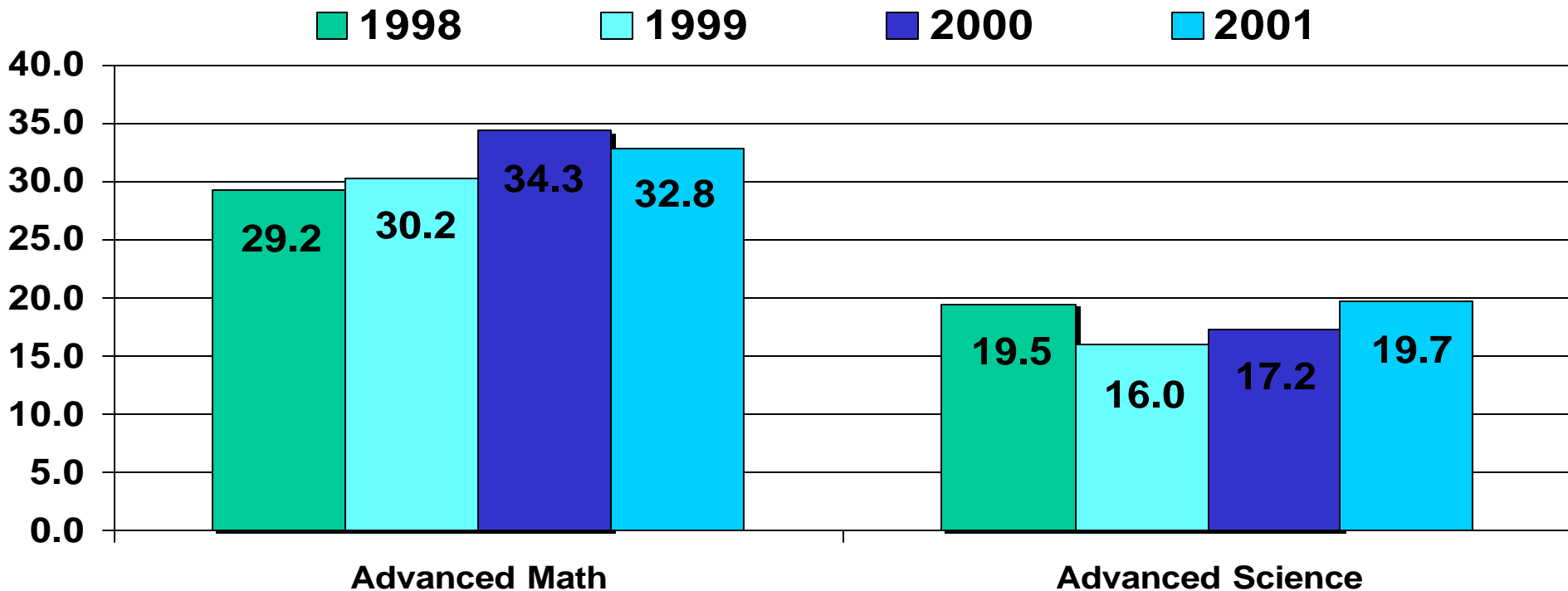


Note: AP data updated and corrected since previous publications. Percent enrolled in AP classes now calculated based on number of Juniors and Seniors not total high school enrollment.

ACADEMIC YEAR 2001

Enrollment in College Preparation Courses

Percent of all WCSD High School Students Enrolled in Advanced Math and Science Courses



Note: 1998 Advanced Math & Science data updated and corrected since previous publications.

Advanced Math includes Geometry, Formal Geometry, Trigonometry, Pre-Calculus, Probability/ Statistics, AP Calculus, AP Statistics

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

Also included are the programs in the International Baccalaureate program

ACADEMIC YEAR 2001

Enrollment in Advanced Placement Courses

High Schools	Juniors & Seniors Enrolled				No. Enrolled in AP Classes				% of Juniors & Seniors Enrolled in AP Classes			
	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
Galena	693	715	737	774	141	218	330	306	20%	30%	45%	40%
Gerlach	-	-	-	-	-	-	-	-	-	-	-	-
Hug	775	791	901	831	149	102	96	77	19%	13%	11%	9%
Incline	186	206	209	188	76	63	72	110	41%	31%	34%	59%
McQueen	821	809	854	903	318	326	357	460	39%	40%	42%	51%
Reed	1071	1052	1086	1095	137	138	207	150	13%	13%	19%	14%
Reno	745	801	836	786	367	444	380	435	49%	55%	45%	55%
Sparks	694	701	719	805	203	62	142	83	29%	9%	20%	10%
TMCC HS	-	-	-	-	-	-	-	-	-	-	-	-
Washoe	-	-	-	-	-	-	-	-	-	-	-	-
Wooster	551	588	625	631	69	99	89	89	13%	17%	14%	14%
WCSD	5536	5663	5967	6036	1460	1452	1673	1711	26%	26%	28%	28%

Note: 1998 data updated and corrected since previous publications. Percent enrolled is calculated on number of Juniors & Seniors enrolled, not total high school enrollment. AP courses are not offered at Gerlach, TMCC, and Washoe high schools.

ACADEMIC YEAR 2001

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			
	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
Galena	1480	1562	1626	1706	604	586	727	712	41%	38%	45%	42%
Gerlach	-	-	-	37	-	-	-	18	-	-	-	49%
Hug	1944	1961	2072	2087	325	303	376	332	17%	15%	18%	16%
Incline	415	442	440	430	166	188	202	177	40%	43%	46%	41%
McQueen	1721	1841	1973	2007	768	754	913	952	45%	41%	46%	47%
Reed	2345	2379	2461	2515	699	717	836	924	30%	30%	34%	37%
Reno	1686	1723	1732	1722	730	806	879	825	43%	47%	51%	48%
Sparks	1682	1780	1842	1952	404	457	510	524	24%	26%	28%	27%
TMCC HS	120	188	210	208	49	84	41	27	41%	45%	51%	13%
Washoe	609	589	647	656	30	30	-	9	5%	5%	-	1%
Wooster	1431	1431	1478	1519	258	305	401	370	18%	21%	27%	24%
WCSD	13433	13896	14481	14839	4033	4230	4899	4870	30%	30%	34%	33%

Note: 1998 data corrected and updated since previous publications.

Advanced Math includes Geometry, Formal Geometry, Trigonometry, Pre-Calculus, Probability/ Statistics, AP Calculus, AP Statistics

ACADEMIC YEAR 2001

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			
	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
Galena	1480	1562	1626	1706	449	326	379	525	30%	21%	23%	31%
Gerlach	-	-	-	37	-	-	-	11	-	-	-	30%
Hug	1944	1961	2072	2087	264	142	184	219	14%	7%	9%	10%
Incline	415	442	440	430	88	57	86	79	21%	13%	20%	18%
McQueen	1721	1841	1973	2007	377	374	419	497	22%	20%	21%	25%
Reed	2345	2379	2461	2515	397	360	470	461	17%	15%	19%	18%
Reno	1686	1723	1732	1722	473	437	428	539	28%	25%	25%	31%
Sparks	1682	1780	1842	1952	332	273	315	358	20%	15%	17%	18%
TMCC HS	120	188	210	208	-	-	-	-	-	-	-	-
Washoe	609	589	647	656	-	-	-	-	-	-	-	-
Wooster	1431	1431	1478	1519	218	222	201	237	15%	16%	14%	16%
WCSD	13433	13896	14481	14839	2598	2191	2493	2926	19%	16%	17%	20%

Note: 1998 data corrected and updated since previous publications.

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 2001 who graduated from a WCSD high school in Spring 2001
-  **Remediation:** Student enrollment in developmental English or Math courses (intermediate algebra & 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

Cohort Analysis

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

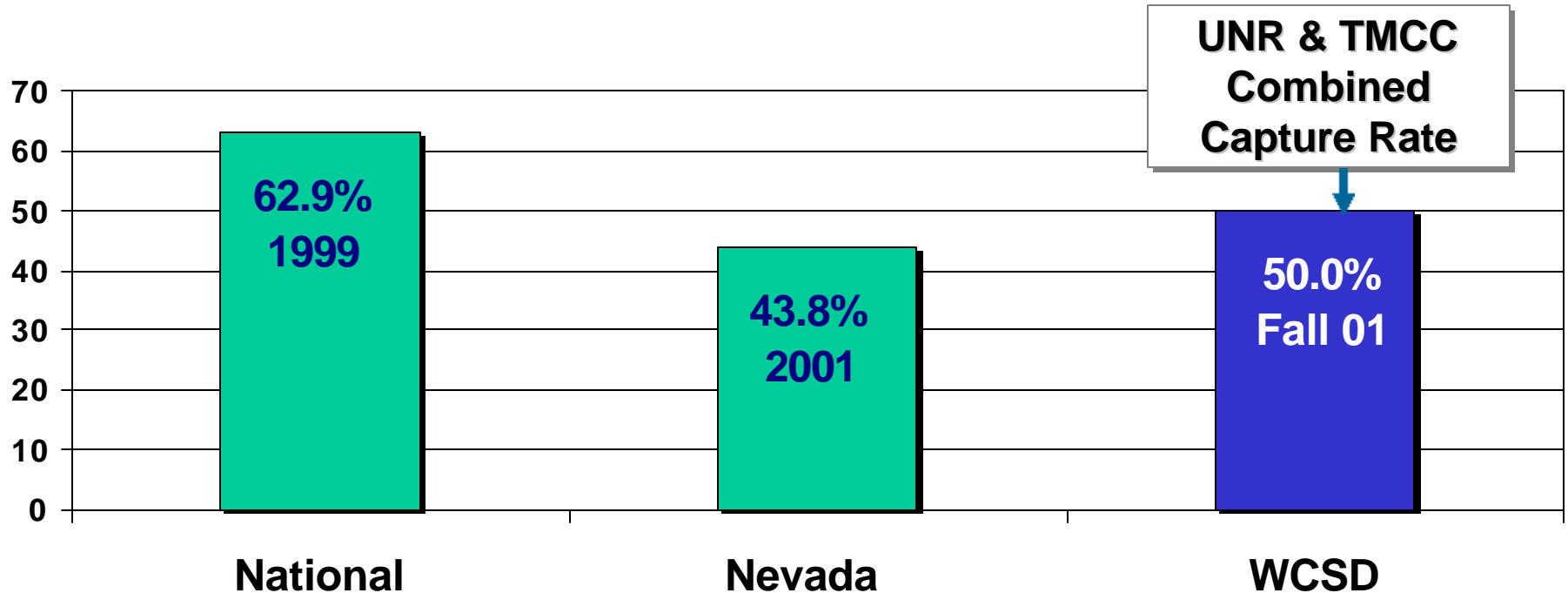
- 2000-01 Graduates = 2429*
- 1999-00 Graduates = 2243*
- 1998-99 Graduates = 2227*
- 1997-98 Graduates = 2072

*does not include I Can Do Anything Charter High School or Washoe Adult High School

COLLEGE DATA

Capture Rate

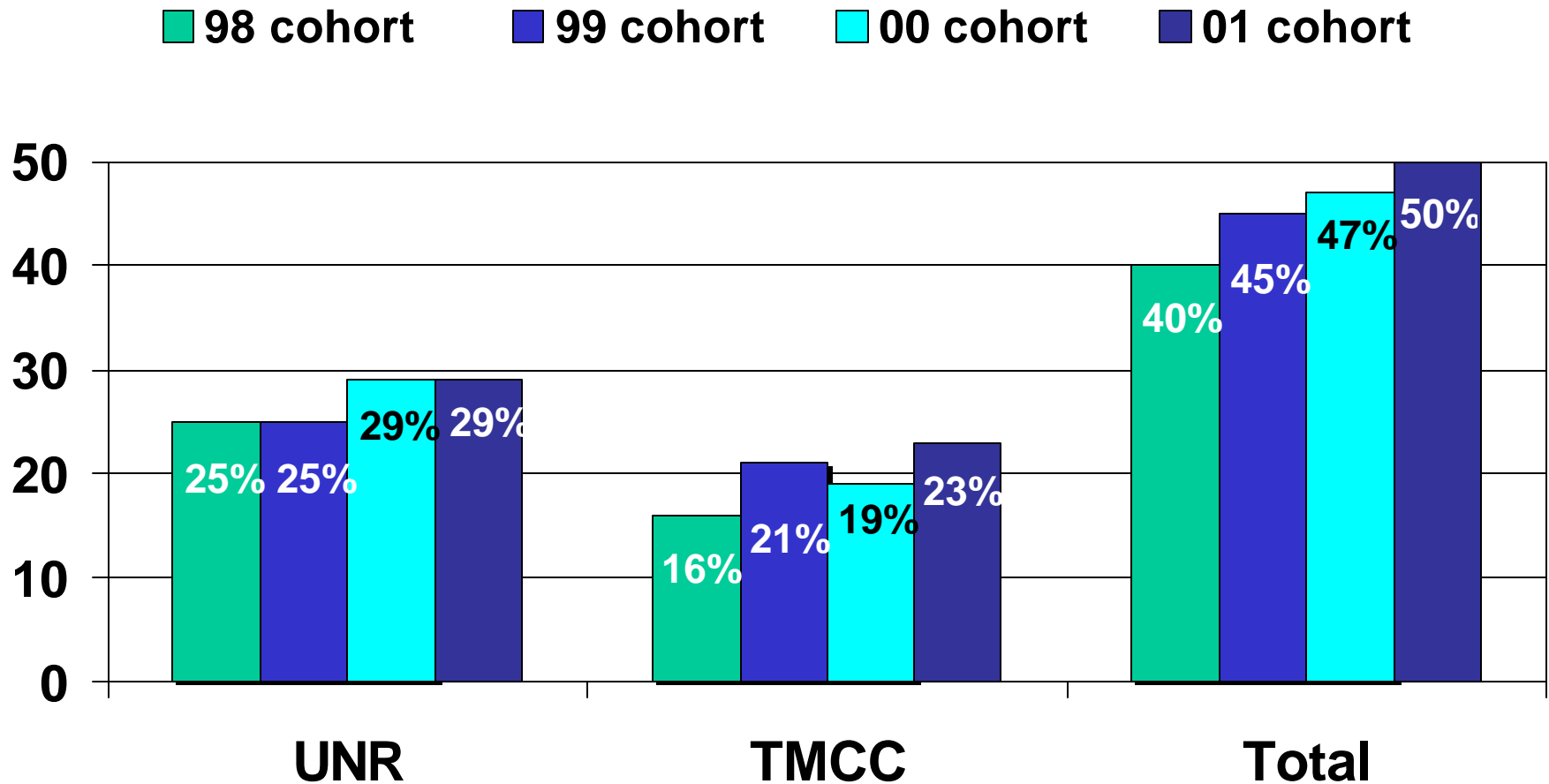
WCSD, Nevada, and National Capture Rates



- In Washoe County approx. 18% enrolled outside of Nevada (20001 Senior Exit Survey) (262+78/1902)
- Source: Statistical Abstract of the U.S.: 2001, U.S. Census Bureau, 2001. Reno Gazette-Journal, August 9, 2002, page 11C. 2001 Senior Exit Survey.

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 & UNR) by High School

HIGH SCHOOLS	Fall 98		Fall 99		Fall 00		Fall 01	
	%	N	%	N	%	N	%	N
Galena	42%	123	47%	134	55%	168	57%	159
Gerlach	10%	1	33%	3	29%	2	42%	5
Hug	32%	76	37%	90	39%	83	43%	119
Incline	26%	17	27%	24	33%	26	26%	23
McQueen	52%	168	53%	180	55%	185	61%	225
Reed	38%	148	49%	202	49%	204	49%	217
Reno	45%	145	40%	128	46%	148	52%	167
Sparks	33%	67	40%	101	45%	104	44%	121
TMCC HS	43%	13	51%	37	66%	51	62%	64
Washoe	44%	26	66%	35	78%	28	33%	29
Wooster	37%	62	48%	95	37%	78	52%	107
Total	41%	846	46%	1029	48%	1077	50%	1236

COLLEGE DATA

TMCC Capture Rate by High School

HIGH SCHOOLS	Fall 98		Fall 99		Fall 00		Fall 01	
	%	N	%	N	%	N	%	N
Galena	20%	57	17%	49	15%	46	25%	70
Gerlach	0%	0	0%	0	14%	1	25%	3
Hug	15%	36	23%	56	19%	40	26%	71
Incline	0%	0	6%	5	8%	6	10%	9
McQueen	20%	63	18%	62	15%	50	22%	80
Reed	17%	66	25%	105	23%	96	21%	92
Reno	10%	31	11%	34	12%	40	17%	53
Sparks	15%	30	23%	57	20%	47	21%	57
TMCC HS	33%	10	43%	31	53%	41	46%	48
Washoe	42%	25	64%	34	78%	28	52%	29
Wooster	11%	18	23%	45	18%	37	22%	46
Total	16%	336	21%	478	19%	432	23%	558

COLLEGE DATA

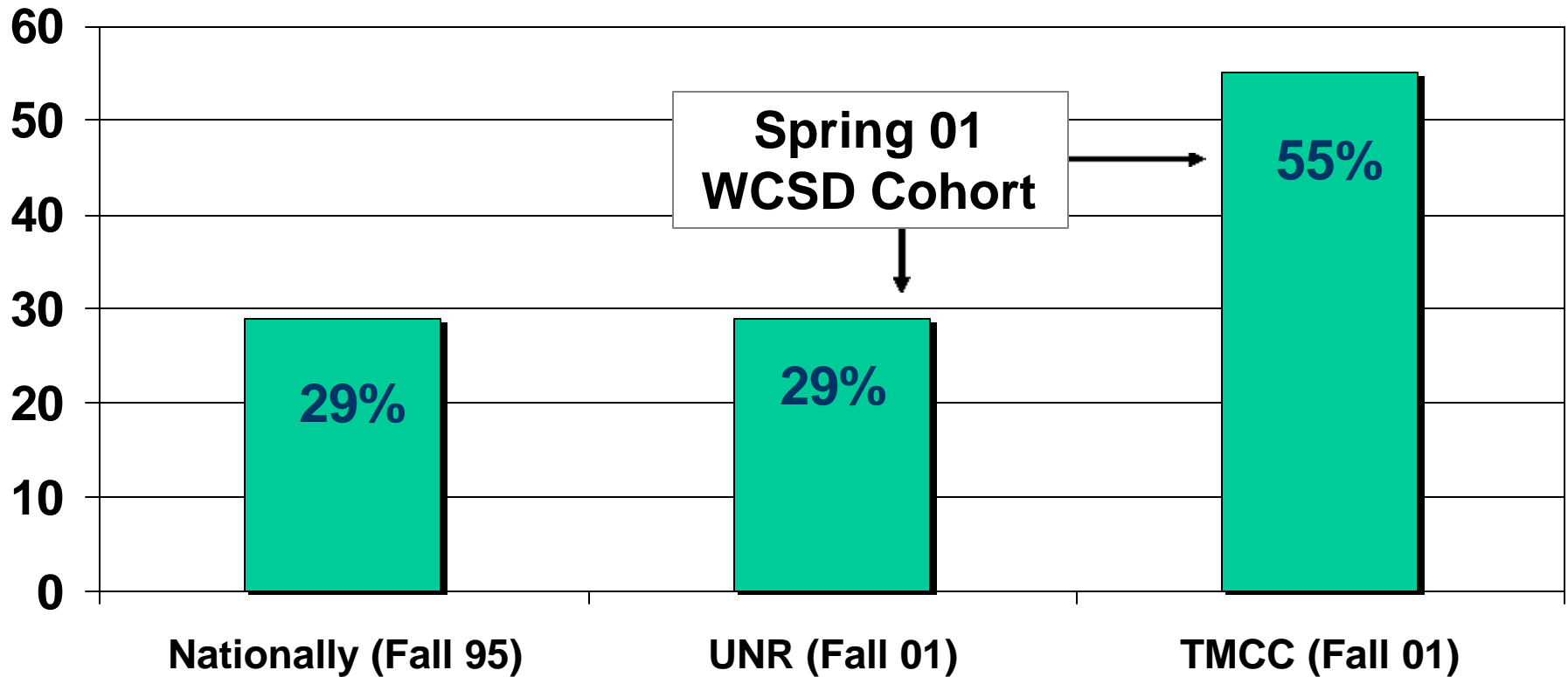
UNR Capture Rate by High School

HIGH SCHOOLS	Fall 98		Fall 99		Fall 00		Fall 01	
	%	N	%	N	%	N	%	N
Galena	24%	69	30%	86	41%	126	33%	91
Gerlach	10%		33%	3	14%	1	17%	2
Hug	17%	41	14%	34	20%	43	18%	51
Incline	26%	17	21%	19	25%	20	17%	15
McQueen	34%	109	36%	122	41%	136	40%	148
Reed	22%	85	23%	97	27%	112	30%	131
Reno	37%	119	30%	94	34%	111	38%	120
Sparks	18%	37	17%	44	25%	58	23%	65
TMCC HS	10%	3	8%	6	16%	12	18%	19
Washoe	%	1	2%	1	0%	0	0%	%
Wooster	26%	44	25%	50	20%	41	30%	61
Total	25%	526	25%	556	29%	660	29%	703

COLLEGE DATA

Remediation

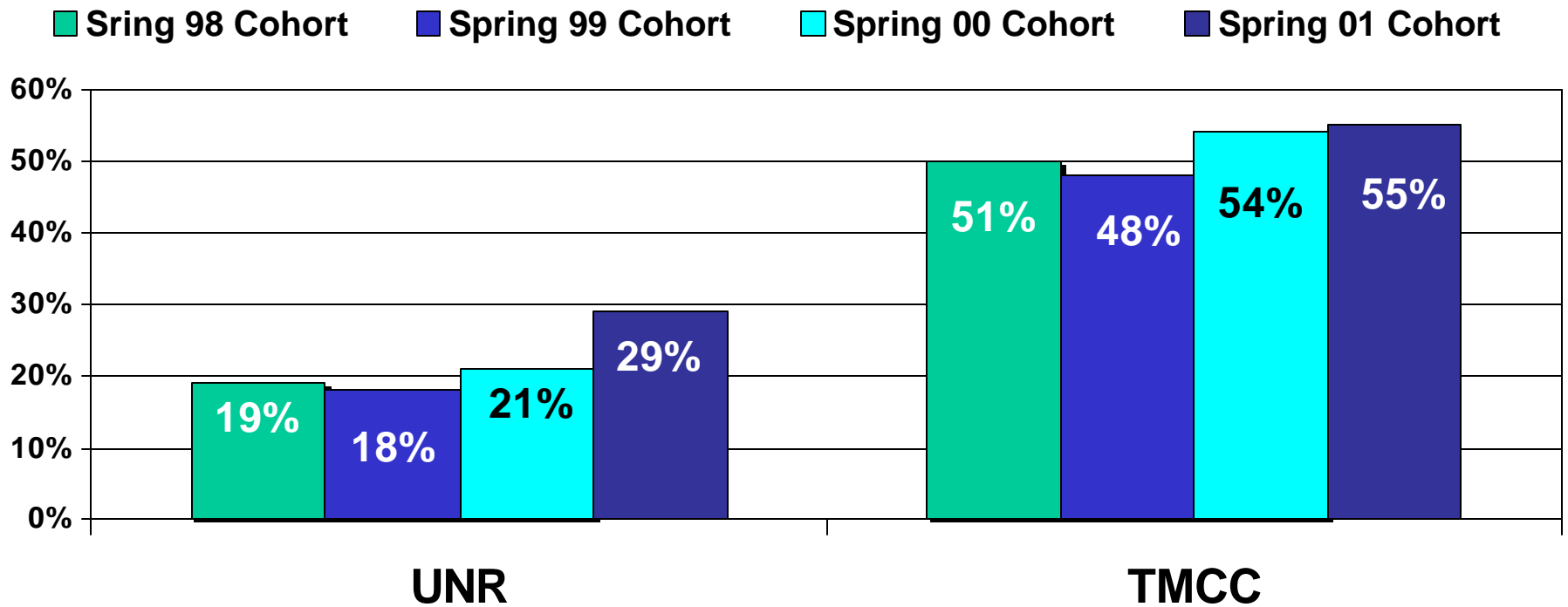
% of Freshmen Enrolling in a Remedial Course



COLLEGE DATA

Remediation by Institution

% of WCSD Graduates Enrolled in a Remedial Course by Institution



COLLEGE DATA

Remediation by High School (TMCC)

HIGH SCHOOLS	Fall 98		Fall 99		Fall 00		Fall 01	
	%	N	%	N	%	N	%	N
Galena	39%	22	37%	18	39%	18	49%	34
Gerlach	0%	0	0%	0	100%	1	100%	3
Hug	47%	17	52%	29	63%	25	68%	48
Incline	0%	0	60%	3	100%	6	33%	3
McQueen	49%	31	52%	32	56%	28	47%	38
Reed	59%	39	54%	57	52%	50	59%	54
Reno	39%	12	32%	11	55%	22	47%	25
Sparks	43%	13	61%	35	66%	31	68%	39
TMCC HS	40%	4	26%	8	15%	6	29%	14
Washoe	19%	19	53%	18	57%	16	62%	18
Wooster	12%	12	42%	19	84%	31	65%	30
Total	50%	169	48%	230	54%	234	55%	306

COLLEGE DATA

Remediation by High School (UNR)

HIGH SCHOOLS	Fall 98		Fall 99		Fall 00		Fall 01	
	%	N	%	N	%	N	%	N
Galena	12%	8	20%	17	17%	22	29%	26
Gerlach	-	-	-	-	-	-	-	-
Hug	32%	13	21%	7	28%	12	49%	25
Incline	12%	2	11%	2	30%	6	47%	7
McQueen	15%	16	16%	20	23%	31	26%	39
Reed	24%	20	12%	12	20%	22	30%	39
Reno	14%	17	20%	19	23%	26	26%	31
Sparks	27%	10	18%	8	21%	12	23%	15
TMCC HS	33%	1	0%	0	17%	2	5%	1
Washoe	-	-	-	-	-	-	-	-
Wooster	25%	11	30%	15	17%	7	30%	18
Total	19%	98	18%	100	21%	140	29%	201

COLLEGE DATA

Persistence Rates of WCSD Graduating Cohorts

Institution	% Returning After 1 Semester	% Returning After 2 Semesters
TMCC		
Spring 1998 Cohort	65%	51%
Spring 1999 Cohort	68%	55%
Spring 2000 Cohort	70%	60%
Spring 2001 Cohort	71%	NA
UNR		
Spring 1998 Cohort	90%	77%
Spring 1999 Cohort	93%	82%
Spring 2000 Cohort	90%	78%
Spring 2001 Cohort	88%	NA

- Nationally, 72% will return after 2 semesters at Universities & 51.5% at Community Colleges (Fall 01, ACT)

COLLEGE DATA

Persistence by High School at TMCC

% Returning After One Semester (N = # returning)

HIGH SCHOOLS	Spring 98 Cohort		Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort	
	%	N	%	N	%	N	%	N
Galena	74%	42	80%	39	65%	30	80%	56
Gerlach	-	-	-	-	100%	1	33%	3
Hug	75%	27	79%	44	73%	29	68%	48
Incline	-	-	60%	3	67%	4	78%	7
McQueen	67%	42	65%	40	78%	39	59%	47
Reed	65%	43	70%	73	74%	71	75%	69
Reno	58%	18	56%	19	70%	28	72%	38
Sparks	47%	14	65%	37	72%	34	82%	47
TMCC HS	70%	7	81%	25	66%	27	75%	36
Washoe	48%	12	44%	15	61%	17	48%	14
Wooster	72%	13	67%	30	65%	24	65%	30
Total	65%	218	68%	325	70%	304	71%	395

COLLEGE DATA

Persistence by High School at UNR

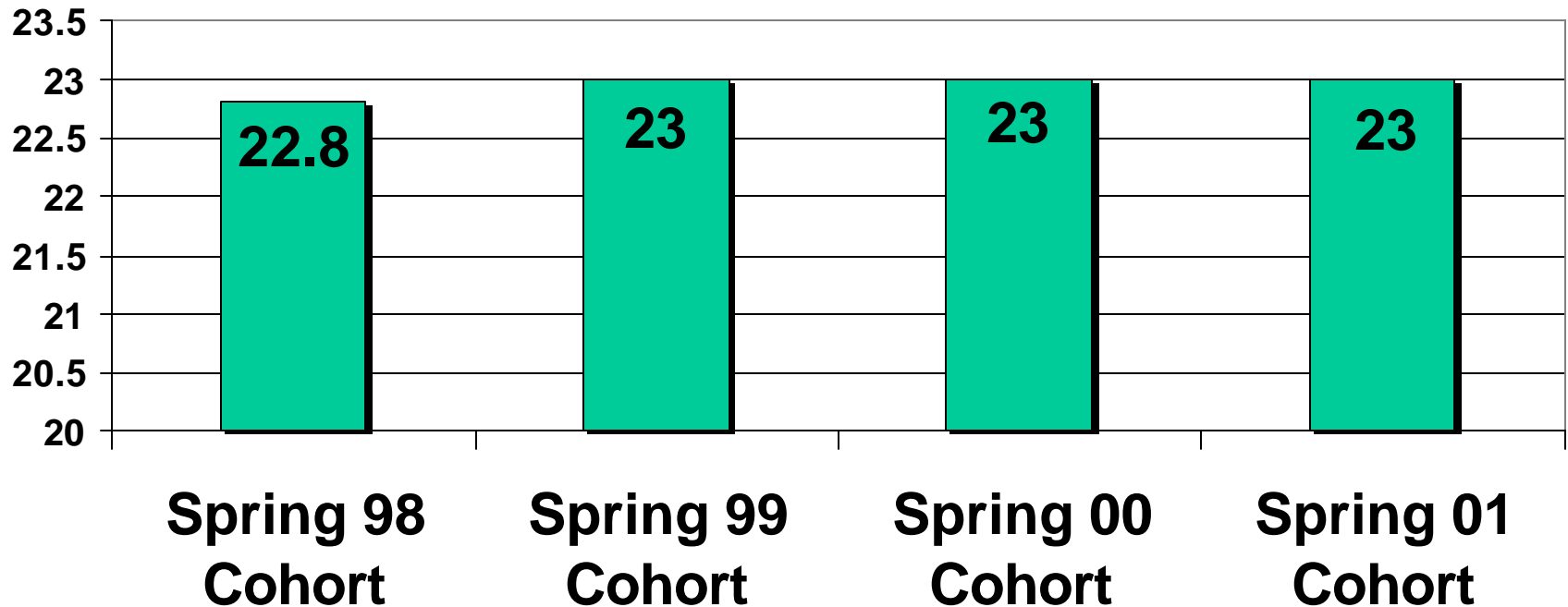
% Returning After One Semester (N = # returning)

HIGH SCHOOLS	Spring 98 Cohort		Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort	
	%	N	%	N	%	N	%	N
Galena	90%	62	97%	83	90%	113	92%	84
Gerlach	-	-	100%	3	-	-	100%	2
Hug	95%	39	94%	32	81%	35	84%	43
Incline	88%	15	95%	18	95%	19	93%	14
McQueen	91%	99	93%	113	91%	124	95%	140
Reed	92%	78	95%	92	89%	100	81%	106
Reno	92%	109	94%	88	91%	101	88%	106
Sparks	78%	29	86%	38	88%	51	85%	55
TMCC HS	67%	2	83%	5	92%	11	89%	17
Washoe	-	-	-	-	-	-	-	-
Wooster	86%	38	92%	46	93%	38	87%	53
Total	90%	471	93%	518	90%	592	88%	620

COLLEGE DATA

ACT Composite Scores of WCSD Graduating Cohorts Attending UNR

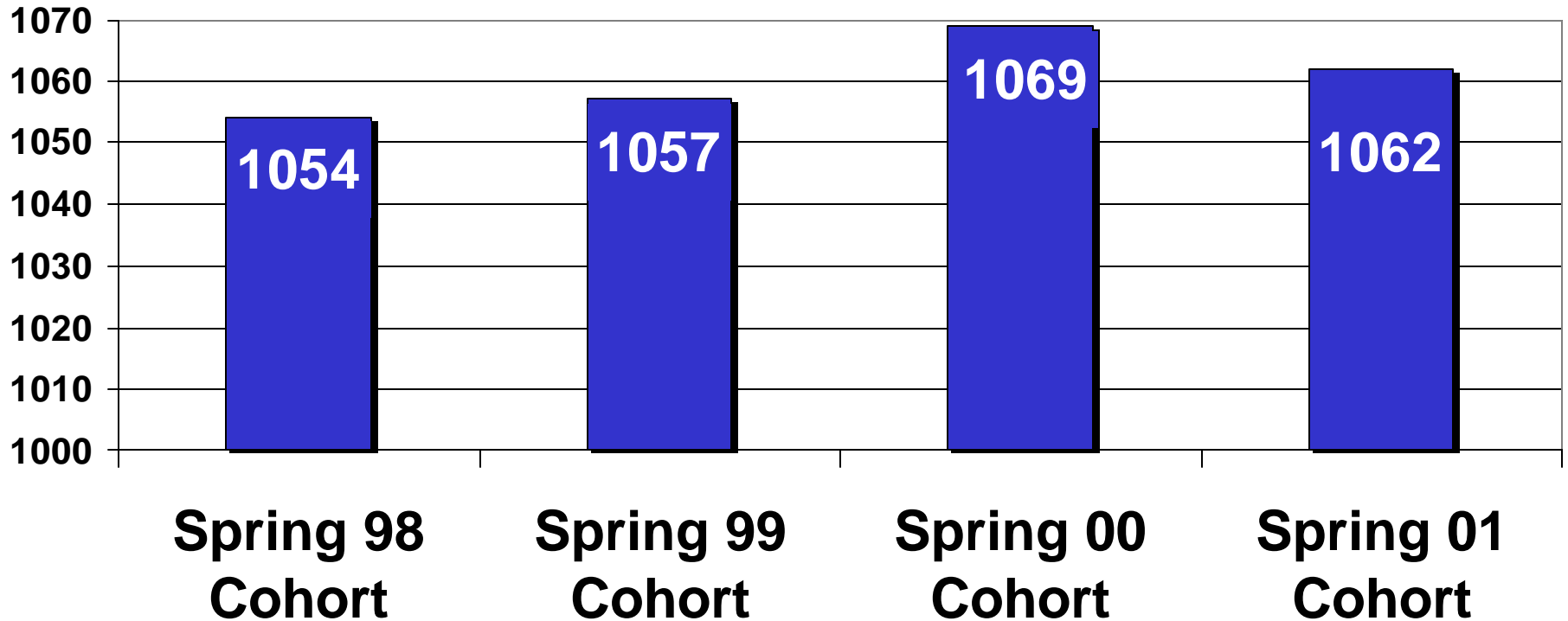
ACT Composite Scores of WCSD Graduating Cohorts Attending UNR



COLLEGE DATA

SAT Scores

SAT Composite Scores of WCSD Graduating Cohorts Attending UNR



COLLEGE DATA

Average ACT Scores by High School WCSD Graduating Cohorts Attending UNR

HIGH SCHOOLS	Spring 98 Cohort		Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort	
	Score	N	Score	N	Score	N	Score	N
Galena	23.7	43	23.0	68	23.8	84	23.5	58
Gerlach	-	-	20.7	3	-	-	19.0	2
Hug	22.2	32	22.3	25	21.7	34	20.3	42
Incline	21.2	13	21.9	14	22.5	10	19.5	6
McQueen	23.3	98	24.5	107	23.5	117	22.9	124
Reed	22.6	67	23.3	83	23.2	88	22.0	117
Reno	23.4	81	21.9	59	22.1	64	23.1	86
Sparks	21.9	29	22.3	44	21.6	50	22.0	64
TMCC HS	23.0	2	23.8	5	23.2	6	23.9	14
Washoe	-	-	-	-	-	-	-	-
Wooster	20.8	34	21.4	33	22.7	35	23.4	48
Total	22.8	399	23	441	23	486	22.5	561

COLLEGE DATA

Average SAT Scores by High School WCSD Graduating Cohorts Attending UNR

HIGH SCHOOLS	Spring 98 Cohort		Spring 99 Cohort		Spring 00 Cohort		Spring 01 Cohort	
	Score	N	Score	N	Score	N	Score	N
Galena	1080	40	1065	62	1099	86	1061	69
Gerlach	-	-	990	2	-	-	890	1
Hug	983	12	1095	18	1025	19	1053	19
Incline	1026	11	1038	16	1008	16	1017	12
McQueen	1133	21	1102	64	1115	68	1078	67
Reed	1026	33	1038	72	1058	68	1030	60
Reno	1055	58	1039	69	1053	87	1076	90
Sparks	1049	10	1115	8	1030	24	1068	24
TMCC HS	-	-	1127	3	1061	6	1133	7
Washoe	-	-	-	-	-	-	-	-
Wooster	1019	21	1018	40	1039	24	1064	37
Total	1054	206	1057	354	1069	398	1062	386

REED HS PILOT PROJECT

Description

This pilot project initiated in 2002 focuses on the analysis of the transcript data of the Reed High School graduates enrolled at UNR and TMCC.

Objective

The focus of the project is to examine course taking patterns in high school and correlate those to student success in college.

Results

The data included in this report represent preliminary analyses of the Reed HS graduates of 1999-00 and their experience taking math courses in high school and college.

REED HS PILOT PROJECT

The 1999-00 Reed High School Graduates Enrolled at TMCC

Highest Level Math in HS			Math @TMCC		Dev Math @TMCC		Persistence	
			<i>Fall 2000</i>		<i>Fall 2000</i>		<i>to Spring 2001</i>	
highest math	#	%	#	%	#	%	#	%
BASIC MATH	20	23%	8	40%	8	40%	16	80%
ALGEBRA 1	5	6%	1	20%	1	20%	4	80%
GEOMETRY	20	23%	11	55%	10	50%	14	70%
ALGEBRA 2	6	7%	4	67%	3	50%	5	83%
ALGEBRA 3/4	28	32%	23	82%	13	46%	22	79%
PRECALCULUS	8	9%	7	88%	2	25%	5	62%
Total	87	100%	54	62%	37	43%	66	76%

REED HS PILOT PROJECT

The 1999-00 Reed High School Graduates Enrolled at UNR

Highest Level Math in HS		Remedial		College Math		Advanced Alg/Trig		Business Calculus		Calculus I-III		Persistence		
		Fall 2000		Fall 2000		Fall 2000		Fall 2000		Fall 2000		to Spring 2001		
highest math	#	%	#	%	#	%	#	%	#	%	#	%		
ALGEBRA 2	3	3%	1	33%	2	67%	-	-	-	-	-	-	2	67%
ALGEBRA 3/4	47	55%	8	17%	31	66%	5	11%	1	2%	2	4%	43	91%
PRECALCULUS/ TRIGONOMETRY	27	31%	-	-	7	26%	8	30%	8	30%	4	15%	25	93%
AP CALCULUS	9	10%	-	-	-	-	1	11%	2	22%	6	67%	9	100%
Total	86	100%	9	10%	40	47%	14	16%	11	13%	12	14%	79	92%

REED HS PILOT PROJECT

ACT/SAT MATH SCORES OF THE 1999-00 Reed High School GRADUATES

Average ACT/SAT Math Scores by Highest High School Math Taken and 1st Semester UNR Math Taken

Highest HS Math			UNR Math					Total
			Remedial	C. Alg./Math	Adv. Alg/Trig	Bus. Calculus	Calculus I-III	
Algebra 2	ACT Math	N		2				2
		Mean		18.50				18.50
Algebra 3/4	ACT Math	N	3	19	4	1	1	28
		Mean	18.67	20.74	23.25	25.00	32.00	21.43
	SAT Math	N	6	20	5			31
		Mean	415.00	488.50	518.00			479.03
Pre-Calc./Trig.	ACT Math	N		5	4	8	3	20
		Mean		24.60	24.75	27.25	27.67	26.15
	SAT Math	N		4	4	4	3	15
		Mean		520.00	572.50	620.00	570.00	570.67
AP Calculus	ACT Math	N			1	2	5	8
		Mean			28.00	26.50	29.80	28.75
	SAT Math	N				2	6	8
		Mean				600.00	670.00	652.50
Total	ACT Math	N	3	26	9	11	9	58
		Mean	18.67	21.31	24.44	26.91	29.33	23.97
	SAT Math	N	6	24	9	6	9	54
		Mean	415.00	493.75	542.22	613.33	636.67	530.19

SUMMARY

WCSD Graduating Classes:

- The composite dropout rate continued to decline to a five-year low of 4.2%
- The percentage of students passing the reading portion of the HSPE exam increased
- SAT math scores increased
- The percentage of juniors and seniors enrolled in Advanced Placement courses increased
- Enrollment in advanced science courses increased

SUMMARY

WCSD Graduating Classes (Continued):

- Initial trends from the Reed High School pilot study indicated:
 - Students who took Algebra $\frac{3}{4}$ or higher in high school were less likely to take remedial math classes at UNR or TMCC, than students who took less challenging high school courses.
 - Persistence rates at TMCC were consistent regardless of the level of math taken in high school, while at UNR higher levels of math taken in high school correlated with higher persistence rates.

SUMMARY

College Data - WCSD Graduating Cohorts:

- The combined capture rate of WCSD students for UNR and TMCC increased for the fourth straight year
- Using information from the Senior Exit Survey and actual student enrollment in college, the total in-state and out-of-state capture rate was 68% exceeding the national rate of 62.9%
- The percentage of WCSD students enrolled in remedial courses increased for both UNR and TMCC for the second straight year
- TMCC's persistence rates for students returning after one and two semesters increased slightly while those for UNR decreased slightly

SUMMARY

Recommendations for Future Data Profile:

- Further exploit the data exchange capabilities made possible by the joint interlocal agreement among TMCC, UNR, and the WCSD to:
 - Expand the study of Reed High School graduates to include English courses taken in high school
 - Expand the Reed High School methodology to include other high schools
 - Improve the capability to identify factors that promote or retard student success in higher education
 - Facilitate students' transition to post-secondary education
 - Track and assess the impacts of the Millennium Scholarship program
 - Improve institutional effectiveness and accountability

HIGH SCHOOL DATA PROFILE

WASHOE COUNTY SCHOOL DISTRICT

Prepared By:
Education Collaborative of Washoe County
Joint Data Profile Committee
September 2002