Montana

While there is limited NAEP proficiency level and percentile data available, results from state assessments demonstrate the existence of excellence gaps for Hispanic and Free and Reduced Lunch Eligible students. White students had higher average AP scores and were more likely to make a "5" on an AP exam than Black students White students were also more likely to take an AP exam than Black or Hispanic students.

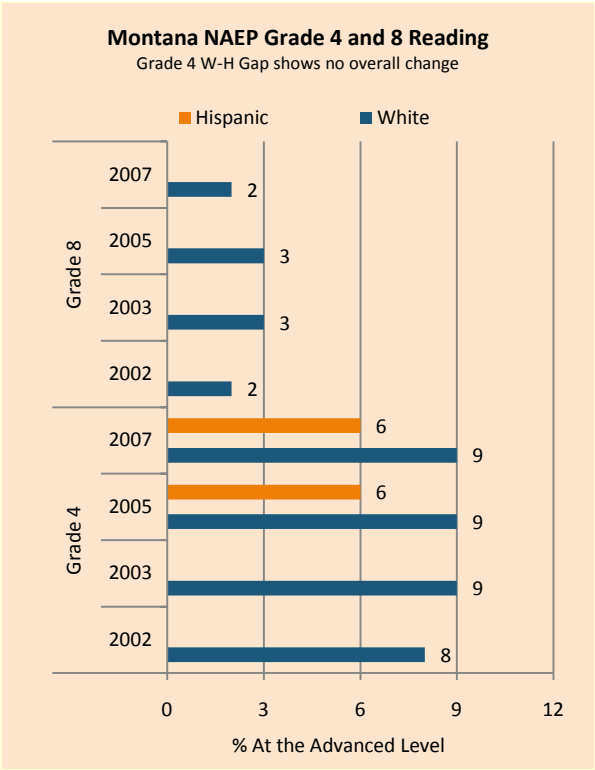
According to NAEP proficiency data, the percentage of students at the advanced level increased for non-FARM and white students in Math, with additional improvements among FARM students in Grade 4 (both subjects). Gaps for FARM students increased in Math but declined in Reading in part due to declining non-FARM students' scores.

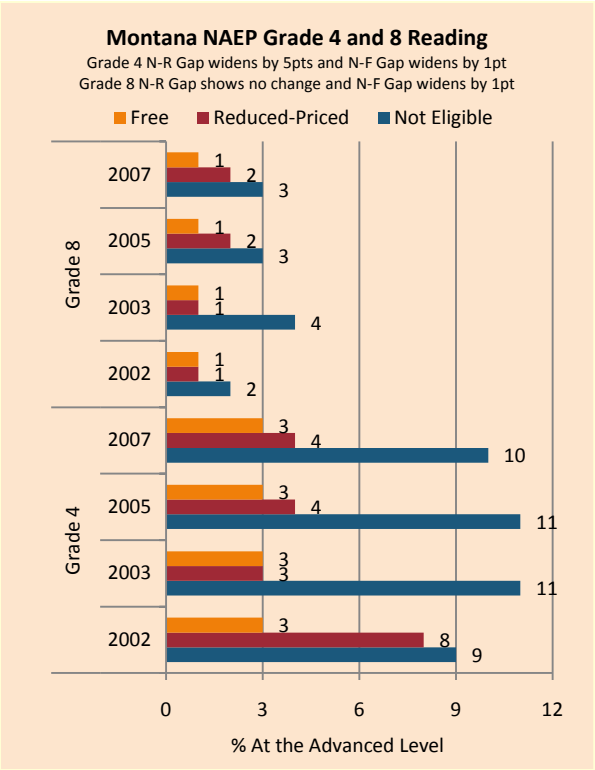
NAEP scale scores at the 90th percentile increased for all subgroups in Math Grade 4, with major gains made by Hispanic students. Scores generally declined in Reading Grade 8, while gains by FARM students and declines by non-FARM students in Grade 4 Reading resulted in lower achievement gaps. White students improved more quickly than Black students in Math Grade 4, as did FARM students in relation to non-FARM students in both grades in Math.

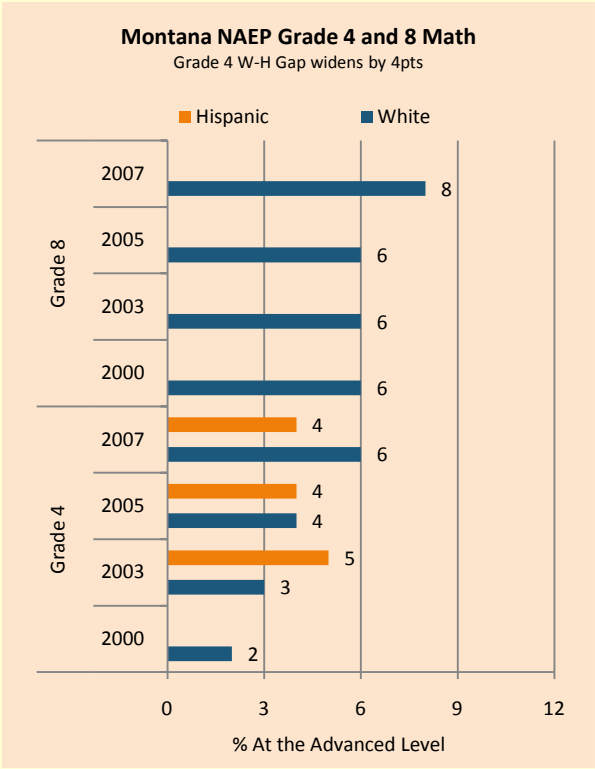
The proportion of students performing at the advanced level on state assessments increased on Grade 7 on both Math and Reading, Grade 4 Math, and Grade 10 Reading assessments across ethnic and income groups, and for all but minority students in Grade 4 Reading. Performance declined across groups in Grade 10 Math. The excellence gap expanded in Grade 4 and 7 and was stable in Grade 10.

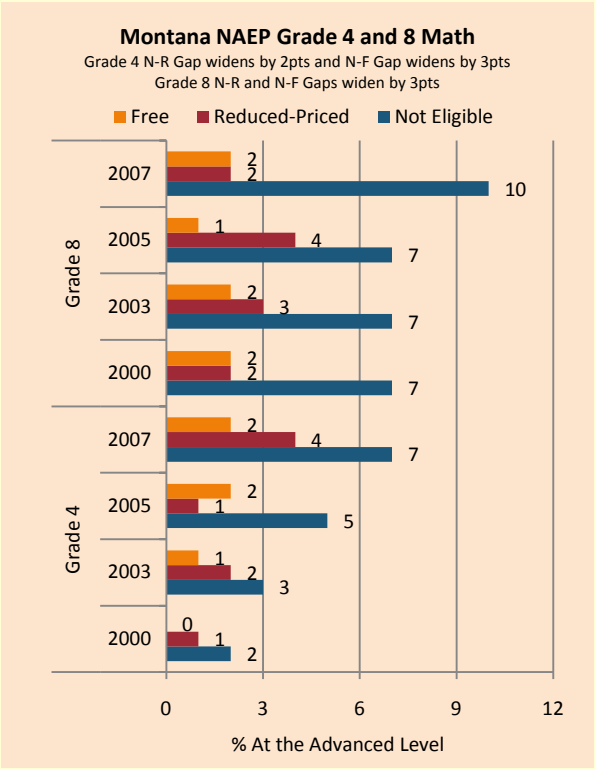
On AP exams, there was an increase in the gap between white and Black students in mean AP scores and the number of exams taken. There were decreases in achievement gaps in the percentage of tests that scored a 5, with a slight decrease in the gap between white and Hispanic students in the number of exams taken weighted by enrollment.

Summary of State Policy as of 2006-2007							
State	Mandate Identify	Mandate Services	Gifted Identified	Identified by Gender	Identified by Ethnicity	GT Funding	GT Funding per Identified
Montana	yes	yes	8,686	yes	no	$150,000	$17.27


Montana NAEP Grade 4 and 8 Reading
Grade 4 W-H Gap shows no overall change
Hispanic
White
Grade 8
2007
2
2005
3
2003
3
2002
2
Grade 4
2007
6
9
2005
6
9
2003
9
2002
8
0
3
6
9
12
% At the Advanced Level


Montana NAEP Grade 4 and 8 Reading
Grade 4 N-R Gap widens by 5pts and N-F Gap widens by 1pt
Grade 8 N-R Gap shows no change and N-F Gap widens by 1pt
Free
Reduced-Priced
Not Eligible
Grade 8
2007
1
2
3
2005
1
2
3
2003
1
1
4
2002
1
1
2
Grade 4
2007
3
4
10
2005
3
4
11
2003
3
3
11
2002
3
8
9
0
3
6
9
12
% At the Advanced Level


Montana NAEP Grade 4 and 8 Math
Grade 4 W-H Gap widens by 4pts
Hispanic
White
Grade 8
2007
8
2005
6
2003
6
2000
6
Grade 4
2007
4
6
2005
4
4
2003
5
3
2000
2
0
3
6
9
12
% At the Advanced Level


Montana NAEP Grade 4 and 8 Math
Grade 4 N-R Gap widens by 2pts and N-F Gap widens by 3pts
Grade 8 N-R and N-F Gaps widen by 3pts
Free
Reduced-Priced
Not Eligible
Grade 8
2007
2
2
10
2005
1
4
7
2003
2
3
7
2000
2
2
7
Grade 4
2007
2
4
7
2005
2
1
5
2003
1
2
3
2000
0
1
2
0
3
6
9
12
% At the Advanced Level

NAEP Scores at the 90th Percentile				
Subject, Grade, Group	**2003**	**2007**	**2003 Gap**	**2007 Gap**
Math 4 Male	269	276	4	4
Math 4 Female	265	272		
Math 8 Male	325	329	0	2
Math 8 Female	325	326		
Reading 4 Male	259	263	10	3
Reading 4 Female	269	266		
Reading 8 Male	301	299	13	11
Reading 8 Female	314	311		
Math 4 ELL	237	243	31	32
Math 4 NonELL	267	275		
Math 8 ELL		279		50
Math 8 NonELL	325	328		
Reading 4 ELL	223	236	42	29
Reading 4 NonELL	265	265		
Reading 8 ELL		276		30
Reading 8 NonELL	309	306		
Math 4 FARM	259	266	12	13
Math 4 NonFARM	271	278		
Math 8 FARM	314	313	14	19
Math 8 NonFARM	328	333		
Reading 4 FARM	250	255	20	14
Reading 4 NonFARM	270	268		
Reading 8 FARM	298	296	14	13
Reading 8 NonFARM	311	309		
Math 4 White	270	276		
Math 4 Black	247	251	22	25
Math 4 Hispanic	253	266	17	11
Math 8 White	326	329		
Math 8 Black				
Math 8 Hispanic				
Reading 4 White	266	266		
Reading 4 Black				
Reading 4 Hispanic		258		7
Reading 8 White	310	306		
Reading 8 Black				
Reading 8 Hispanic				

Montana Criterion-Referenced Test Grade 4, 7, 10 English/Language Arts Excellence Achievement Gaps on Race

% At or Above Advanced Level	Grade 4					Grade 7					Grade 10				
	W	B	H	**W-B**	**W-H**	W	B	H	**W-B**	**W-H**	W	B	H	**W-B**	**W-H**
2005	33	24	26	**9**	**7**						34	19	20	**15**	**14**
2006	37	22	23	**15**	**14**	34	33	23	**1**	**11**	32	22	23	**10**	**9**
2007	36	22	22	**14**	**14**	42	24	29	**18**	**13**	38	26	23	**12**	**15**
2008	37	23	24	**14**	**13**	48	34	32	**14**	**16**	38	22	23	**16**	**15**

Montana Criterion-Referenced Test Grade 4, 7, 10 Mathematics Excellence Achievement Gaps on Race

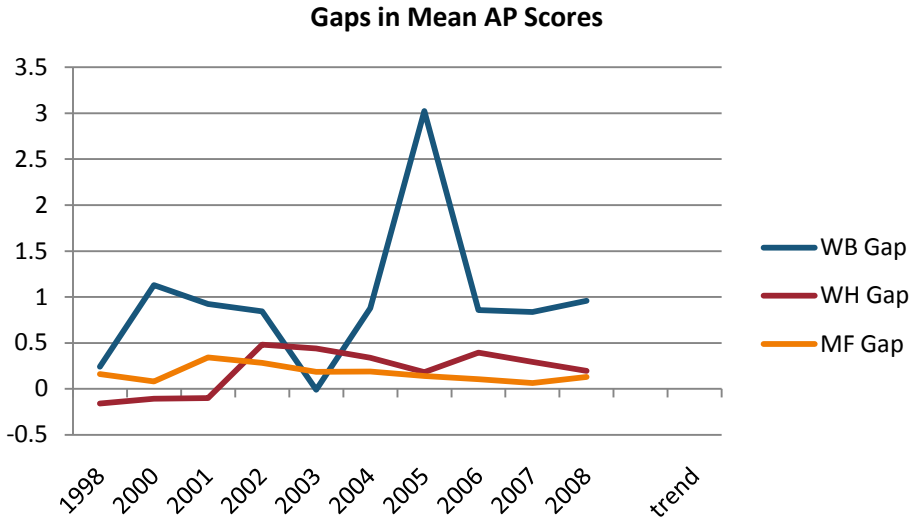
% At or Above Advanced Level	Grade 4					Grade 7					Grade 10				
	W	B	H	**W-B**	**W-H**	W	B	H	**W-B**	**W-H**	W	B	H	**W-B**	**W-H**
2005	20	8	14	**12**	**6**						23	12	14	**9**	**9**
2006	28	17	20	**11**	**8**	26	16	15	**10**	**11**	26	11	16	**15**	**10**
2007	28	18	17	**10**	**11**	29	20	15	**9**	**14**	23	13	13	**10**	**10**
2008	29	13	18	**16**	**11**	32	21	20	**11**	**12**	20	7	13	**13**	**7**

Montana Criterion-Referenced Test Grade 4, 7, 10 English/Language Arts Excellence Achievement Gaps on SES

% At or Above Advanced Level	Grade 4			Grade 7			Grade 10		
	N	P	**Gap**	N	P	**Gap**	N	P	**Gap**
2005	37	20	**17**	39	20	**19**	36	17	**19**
2006	41	21	**20**	39	17	**12**	33	18	**15**
2007	41	20	**21**	47	24	**17**	40	23	**17**
2008	42	22	**20**	54	29	**25**	40	21	**19**

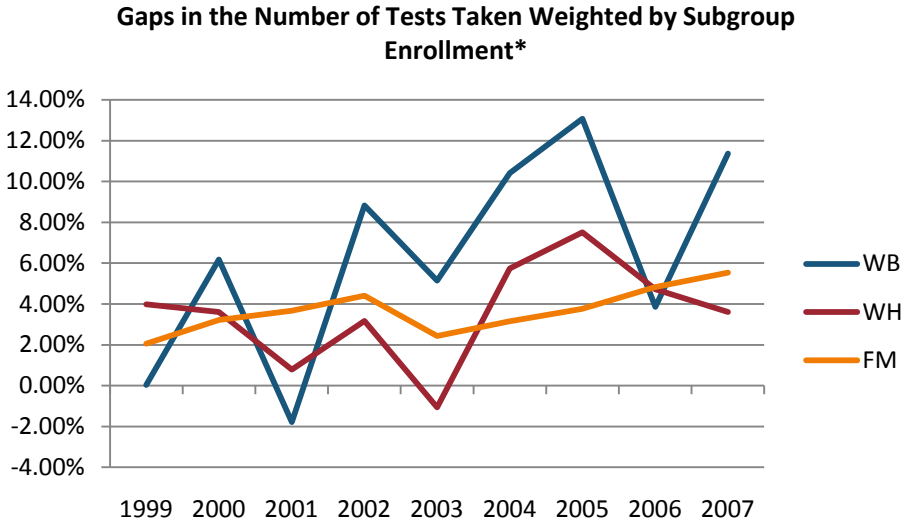
Montana Criterion-Referenced Test Grade 4, 7, 10 Mathematics Excellence Achievement Gaps on SES

% At or Above Advanced Level	Grade 4			Grade 7			Grade 10		
	N	P	**Gap**	N	P	**Gap**	N	P	**Gap**
2005	22	11	**11**	20	8	**12**	25	11	**14**
2006	32	16	**16**	30	12	**18**	28	13	**15**
2007	33	15	**18**	33	15	**18**	25	11	**14**
2008	33	17	**16**	37	16	**21**	22	8	**14**



Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup*												
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Male	15.46%	14.68%		12.77%	15.60%	13.77%	16.89%	17.41%	12.42%	13.33%	11.12%	11.79%
Female	13.43%	10.73%		11.51%	7.31%	10.39%	10.56%	13.22%	9.36%	11.86%	9.38%	9.43%
White	13.85%	11.92%		11.98%	10.61%	12.09%	13.93%	15.34%	11.11%	12.53%	10.25%	10.59%
Black	0.00%	16.67%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Hispanic	33.33%	7.69%		19.05%	14.71%	3.03%	6.52%	12.90%	6.25%	6.52%	5.97%	11.76%
M-F Gap	2.03%	3.95%		1.26%	8.29%	3.38%	6.34%	4.18%	3.07%	1.47%	1.74%	2.36%
W-B Gap	13.85%	-4.74%		11.98%	10.61%	12.09%	13.93%	15.34%	11.11%	12.53%	10.25%	10.59%
W-H Gap	-19.49%	4.23%		-7.07%	-4.09%	9.06%	7.41%	2.44%	4.86%	6.00%	4.28%	-1.17%

Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup Weighted by Enrollment*									
	1999	2000	2001	2002	2003	2004	2005	2006	2007
Male	0.99%	1.02%	1.30%	1.33%	1.78%	2.03%	1.55%	1.64%	1.55%
Female	0.95%	1.29%	0.88%	1.46%	1.37%	1.96%	1.52%	2.03%	1.83%
White	0.91%	1.19%	1.10%	1.46%	1.65%	2.07%	1.66%	1.86%	1.75%
Black	1.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Hispanic	0.28%	1.21%	1.40%	0.27%	0.84%	1.00%	0.47%	0.66%	0.80%
M-F Gap		-0.27%	0.42%	-0.13%	0.41%	0.07%	0.03%	-0.39%	-0.28%
W-B Gap		1.19%	1.10%	1.46%	1.65%	2.07%	1.66%	1.86%	1.75%
W-H Gap		-0.02%	-0.31%	1.19%	0.81%	1.07%	1.20%	1.20%	0.95%



*The unit of analysis for AP data is the test, not the student. AP test results are presented as the number of scores received by members of each subgroup, NOT the number of students who received a given score on any exam. These numbers are not equivalent because some students take multiple tests.