

NAEP Overview and Results 2003-2007



Background

- Also known as the “Nation’s Report Card”
- Required for all states by *No Child Left Behind*
- Both national and state assessments
- Many different subject areas
- Developed in 1969
- Follows subject area frameworks developed under the direction of NAGB (National Assessment Governing Board)



Part 1

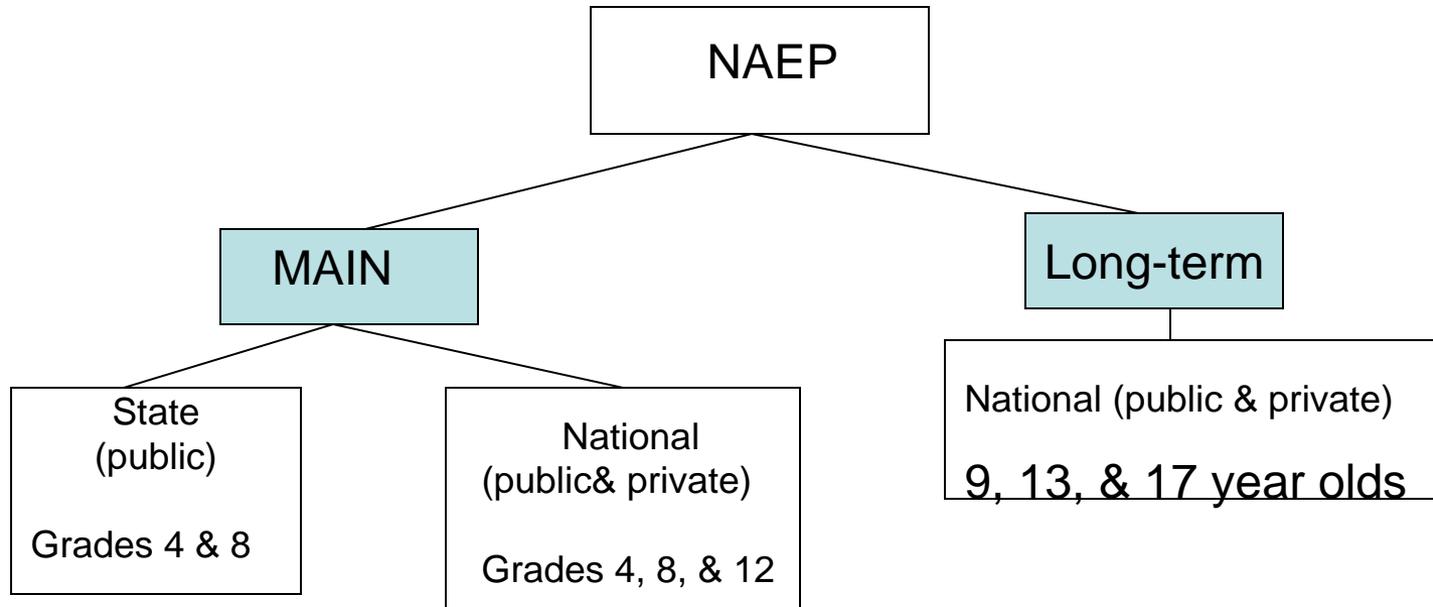
Overview and Background



Background (2)

- Random Stratification Process for school and student selection based on variables
- Multiple choice and constructed response items, experiments in science
- Administered in schools by Westat staff during January-March
- 90 minutes of student's time
- Scaled scores, achievement levels, and percentiles
- State comparisons and trend data
- State level data only

NAEP Components



- ✓ Keeps in step with educational reform, changes in test based on frameworks
- ✓ Original NAEP (since 1969)
- ✓ Stays the same
- ✓ In 2009, state level Grade 12 pilot will occur in 11 states including South Dakota



Background (3)

www.nces.ed.gov/nationsreportcard.com

- NAEP Data Tool
- NAEP Questions Tool
- All results

<http://doe.sd.gov/octa/assessment/naep/index.asp>

- State NAEP website
- Customized reports and information



South Dakota's History of NAEP Participation

- 2003 first year for state NAEP in SD
- Biannually since 2003 (03, 05, 07 & upcoming in 2009)
- Reading & math each administration
- Science in 05 & 09
- Off years – long-term trend (04), grade 8 arts (08) & field tests for various subjects (08)
- National Indian Education Study (05, 07)



Part 2

South Dakota

2007 Reading & Mathematics Results

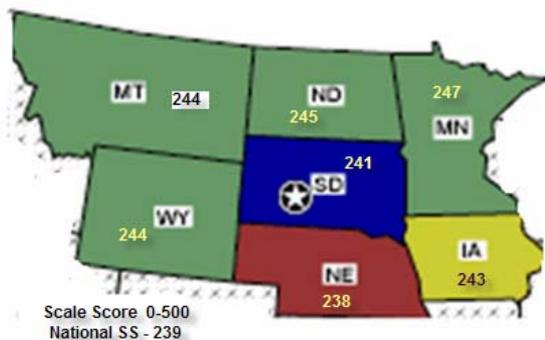


History of Reading & Math Results

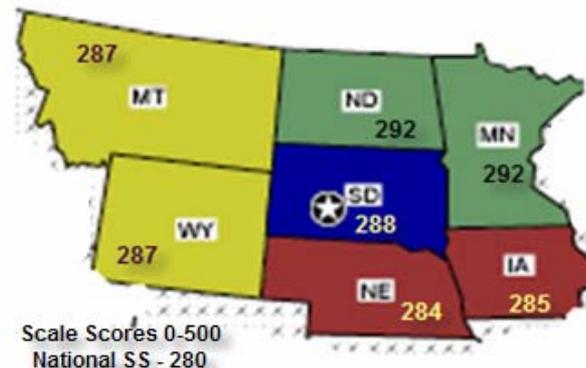
- 2003 – 1st state administration in SD
- 3000 students per grade per subject
- 2005 – Science administered along with reading & math
- State level results only
- South Dakota students always do well!

2007 Regional Comparison Scale Scores – Math

NAEP Mathematics Grade 4 - Mathematics
Difference in Average Scale Score Between Jurisdictions
For All students [TOTAL] = All students
2007



NAEP Mathematics Grade 8 - Mathematics
Difference in Average Scale Score Between Jurisdictions
For All students [TOTAL] = All students
2007



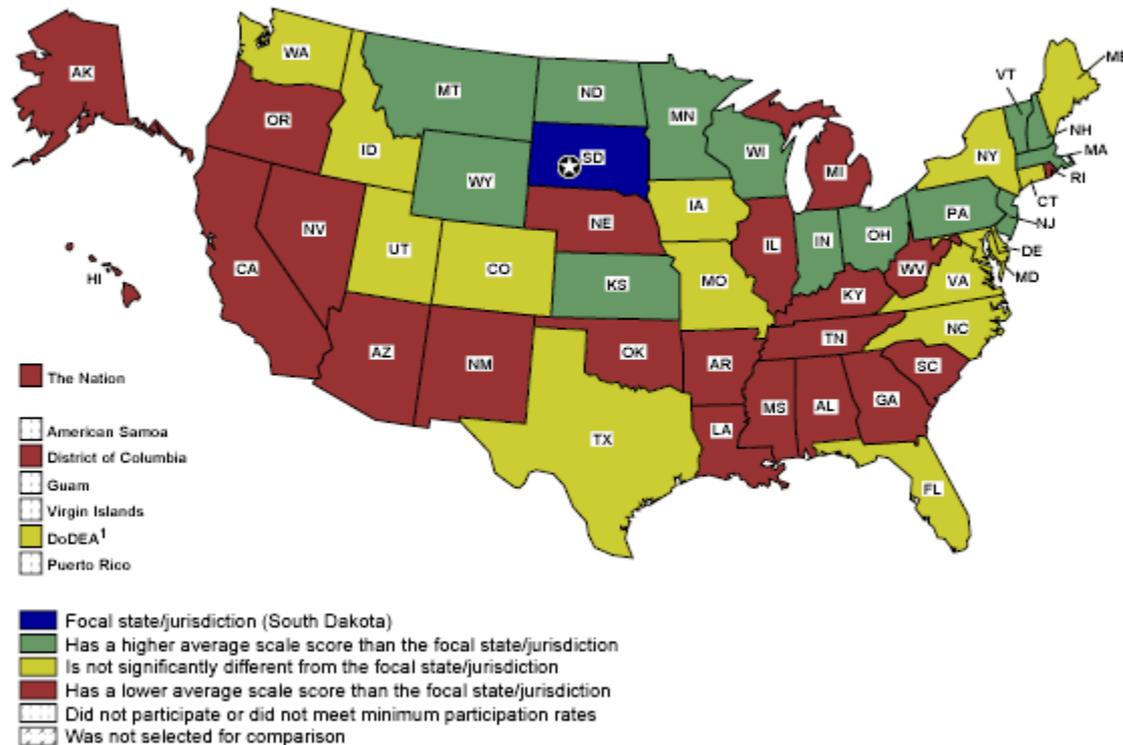
Green – states score higher than SD
Red – states score lower than SD
Yellow – states score same as SD

Based on statistical significance tests

2007 National Comparison Scale Scores – Grade 4 Math

NAEP Mathematics Grade 4 - Mathematics
Difference in Average Scale Score Between Jurisdictions
For All students [TOTAL] = All students
2007

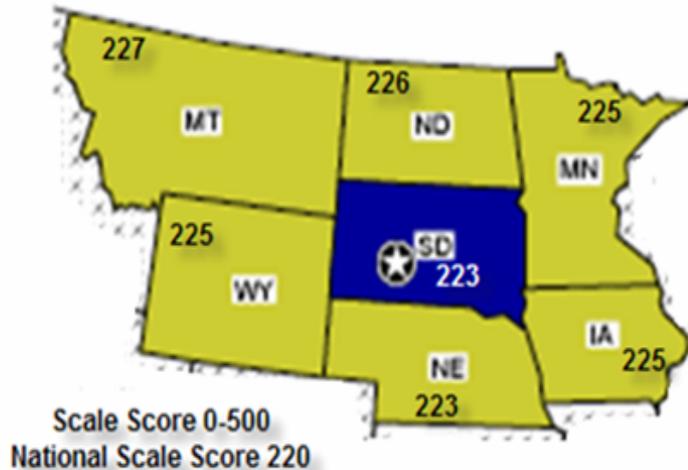
Color



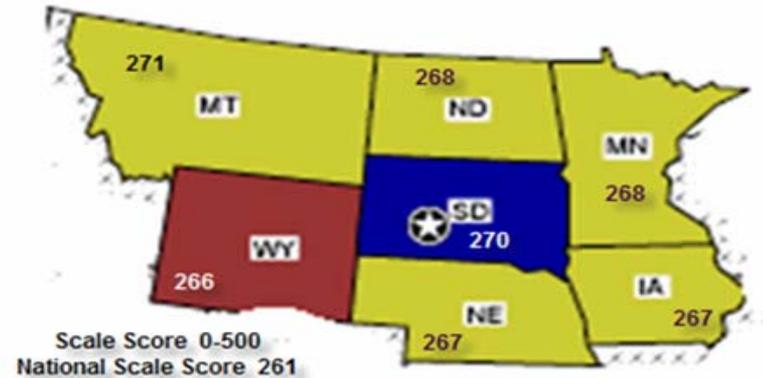
¹ Department of Defense Education Activity schools (domestic and overseas).

2007 Regional Comparison Scale Scores – Reading

Grade 4 Reading



Grade 8 Reading

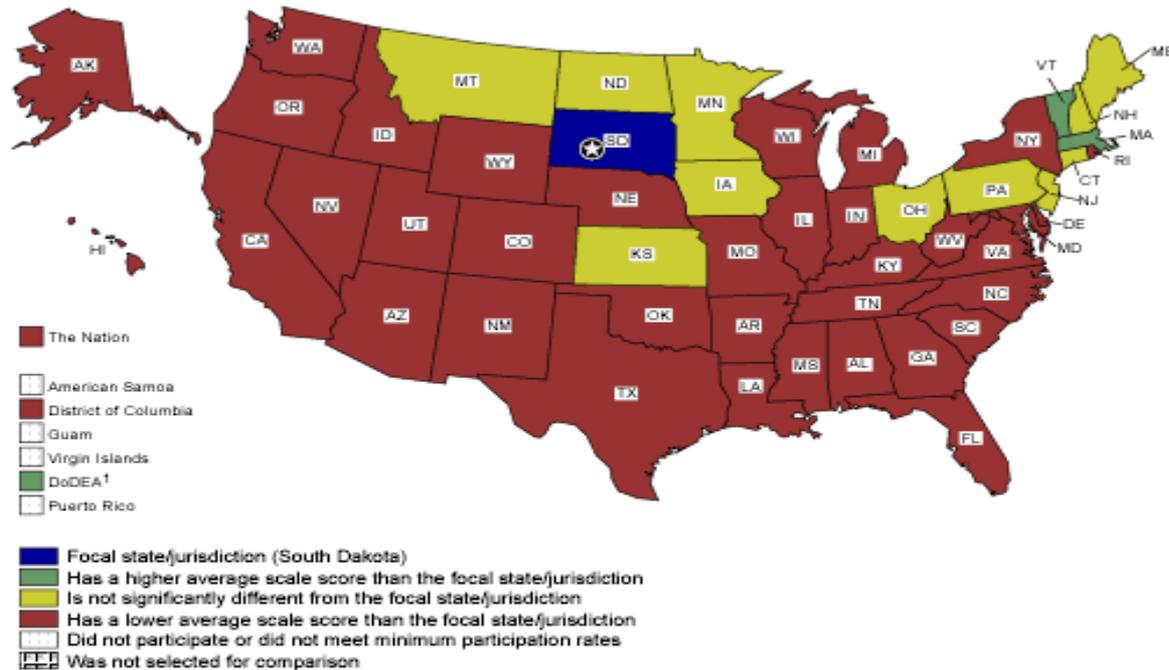


- Green – states score higher than SD
- Red – states score lower than SD
- Yellow – states score same as SD
- Based on statistical significance tests

2007 National Comparison Scale Scores – Grade 8 Reading

NAEP Reading Grade 8 - Reading
Difference in Average Scale Score Between Jurisdictions
For All students [TOTAL] = All students
2007

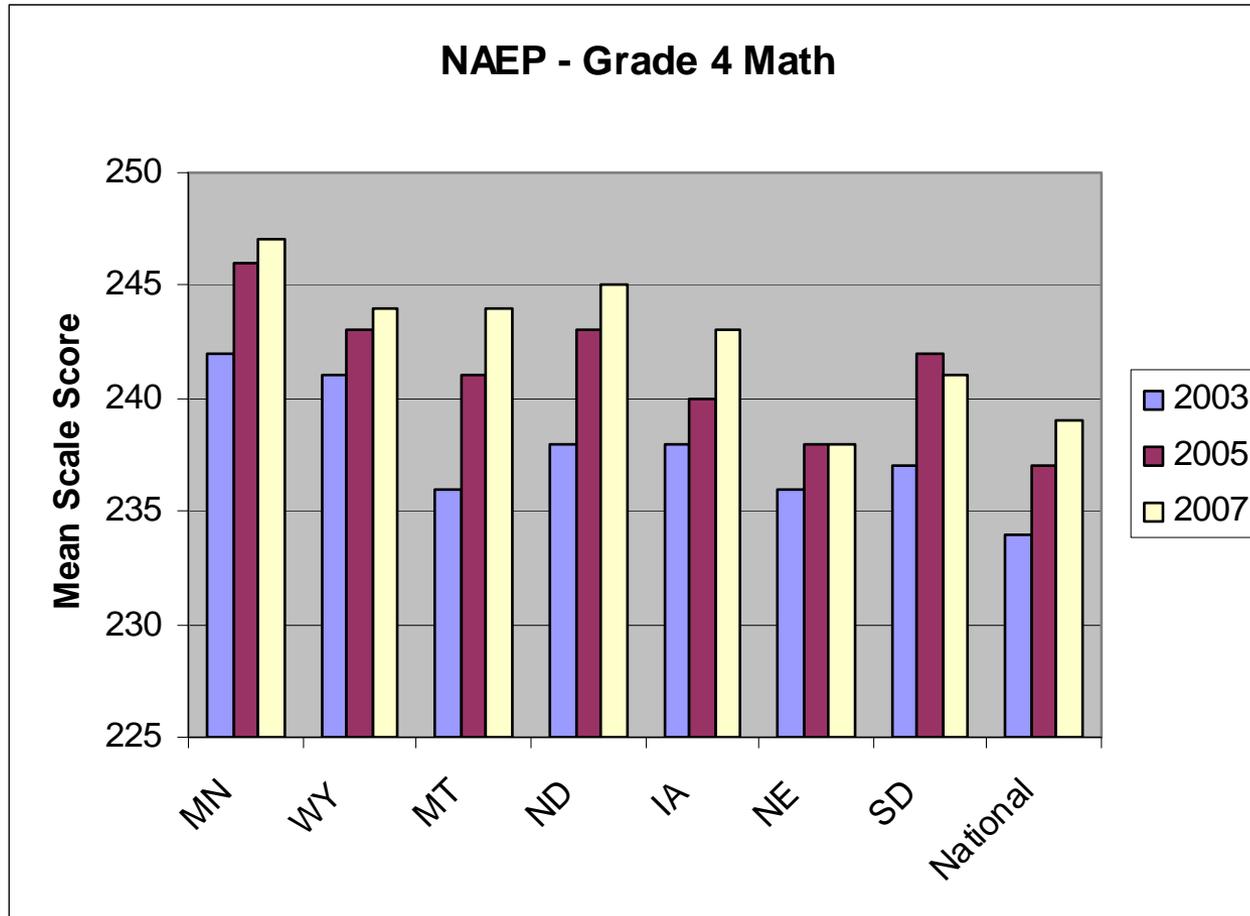
Color



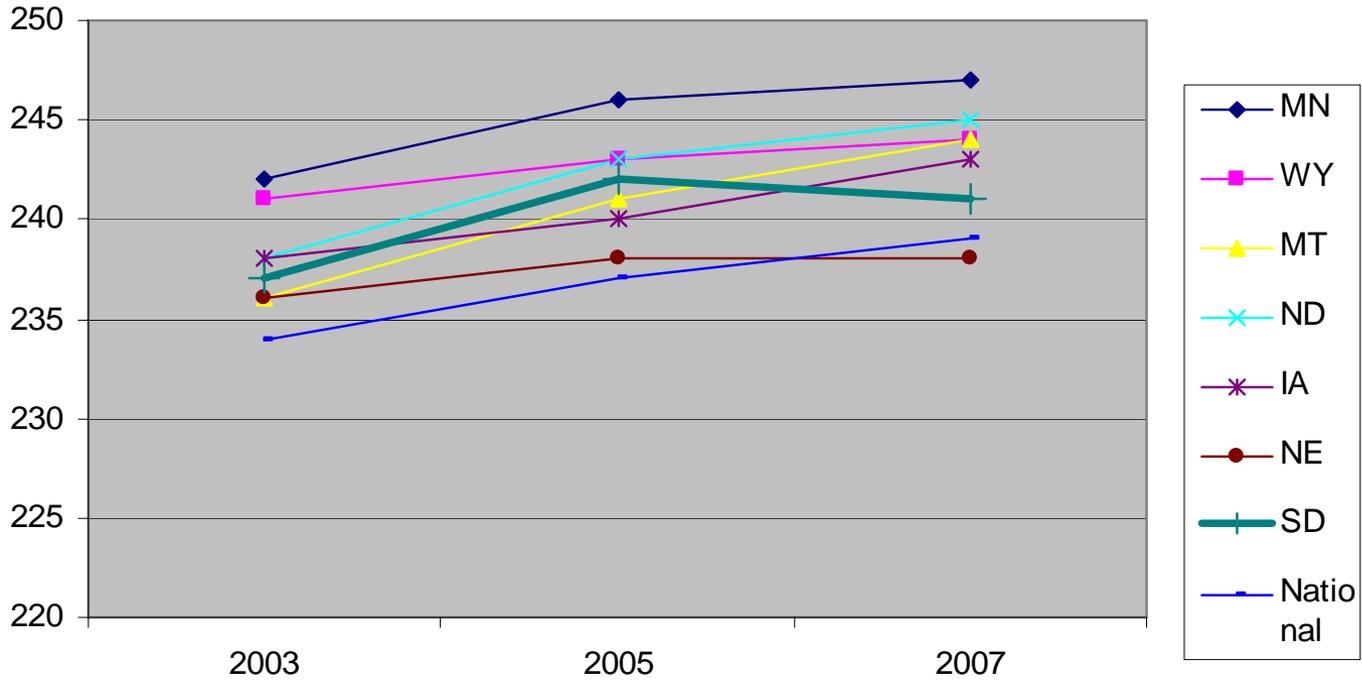
¹ Department of Defense Education Activity schools (domestic and overseas).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Reading Assessments.

Regional Trend Data Grade 4 Math

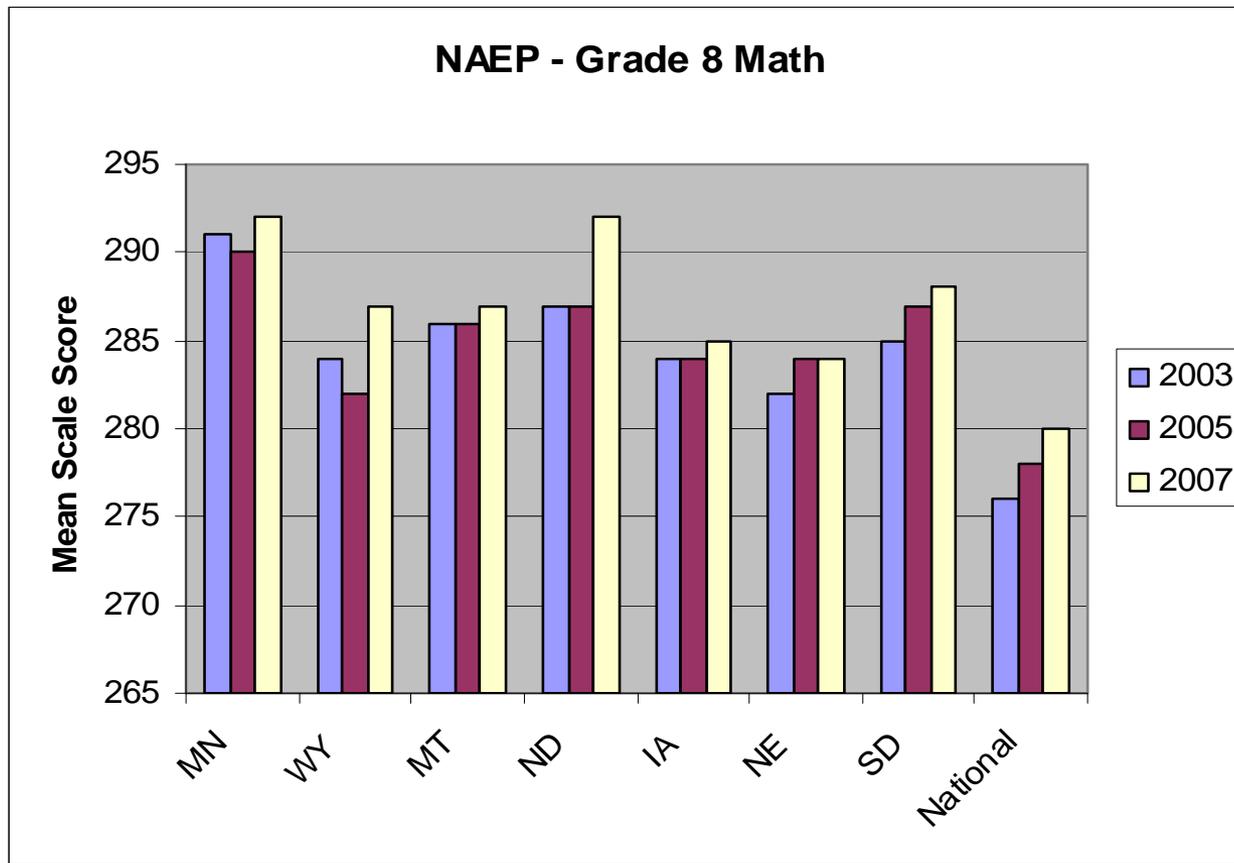


Trend Data - Grade 4 Math

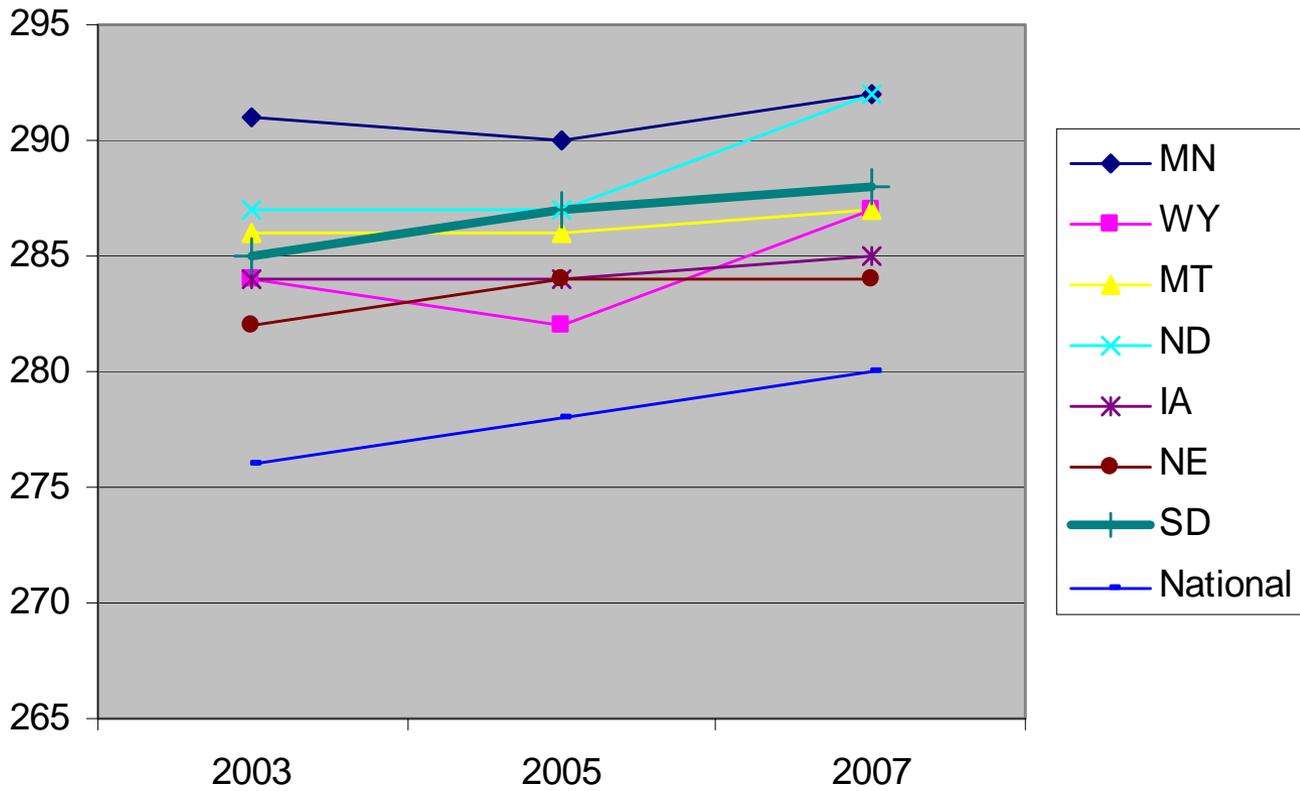


Regional Trend Data

Grade 8 Math

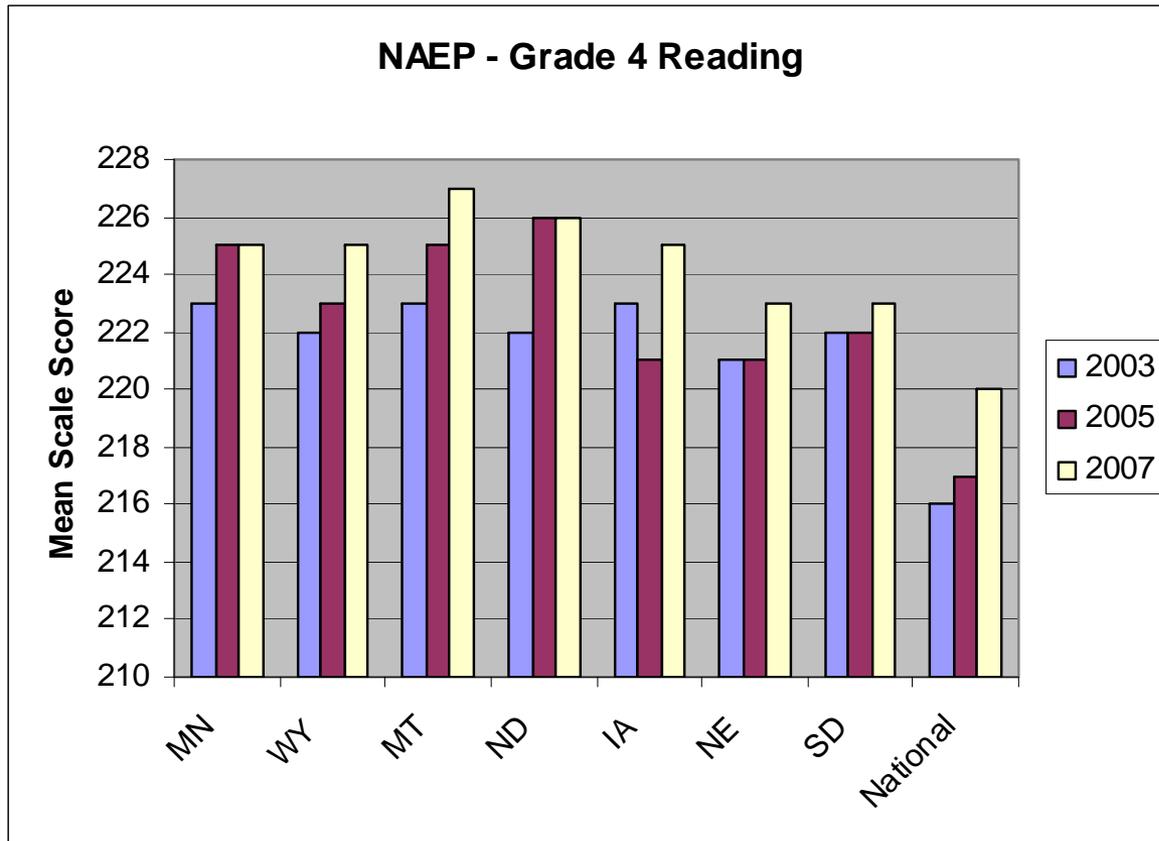


Trend Lines - Grade 8 Math

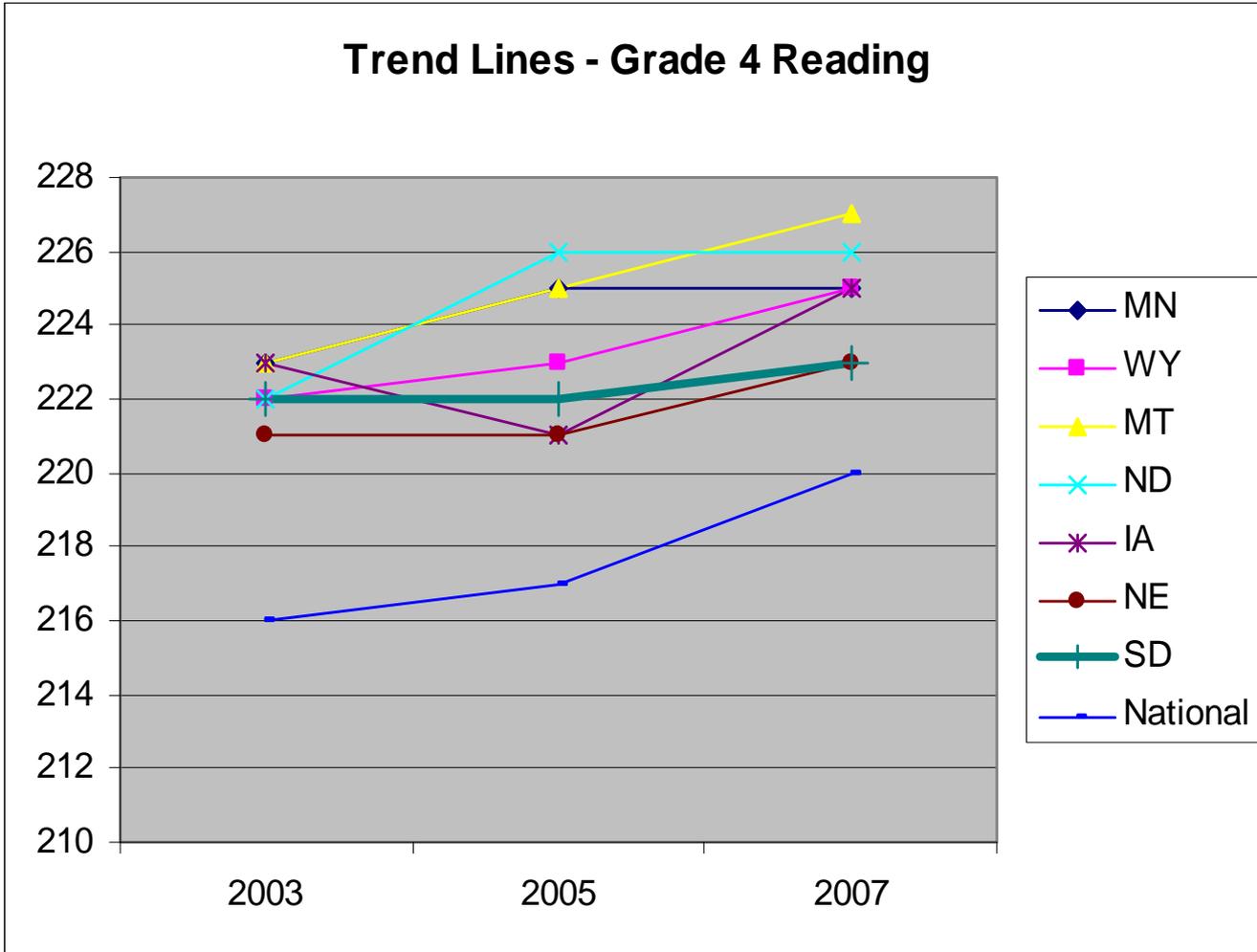


Regional Trend Data

Grade 4 Reading

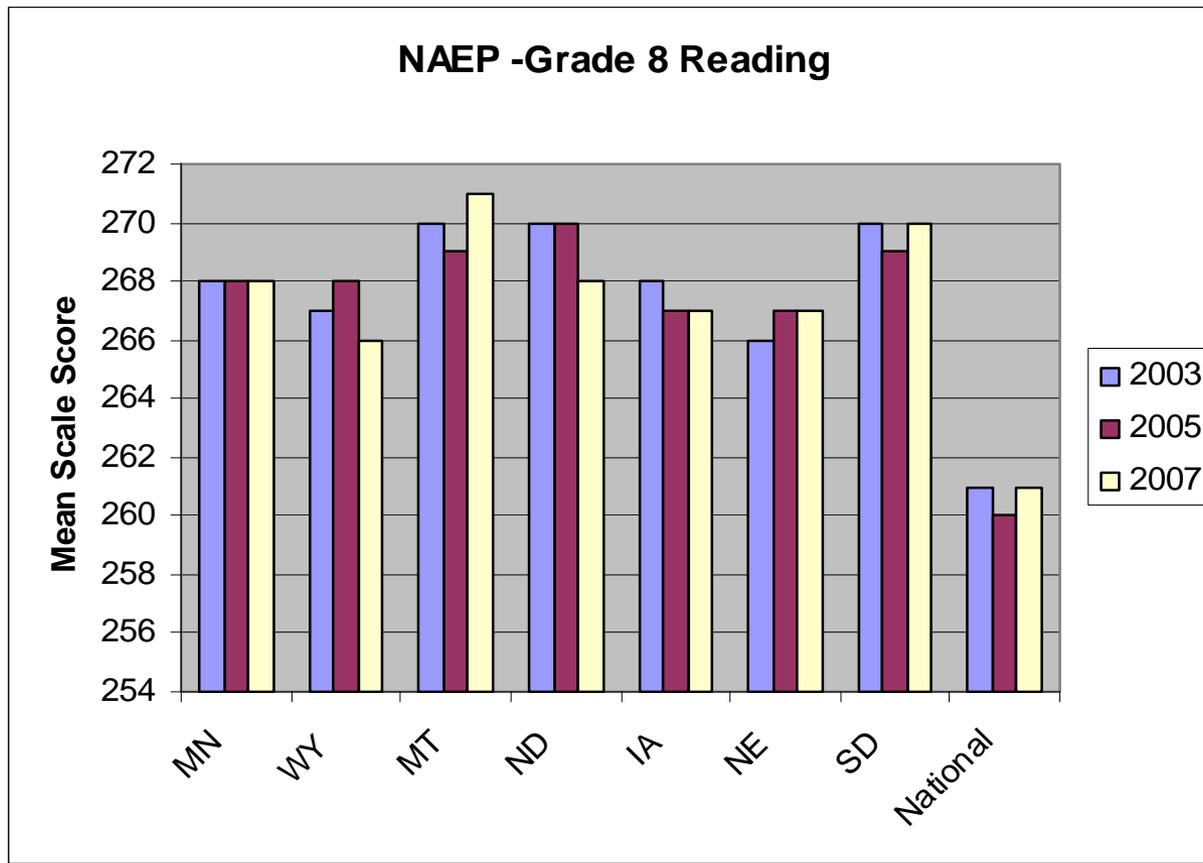


Trend Lines - Grade 4 Reading

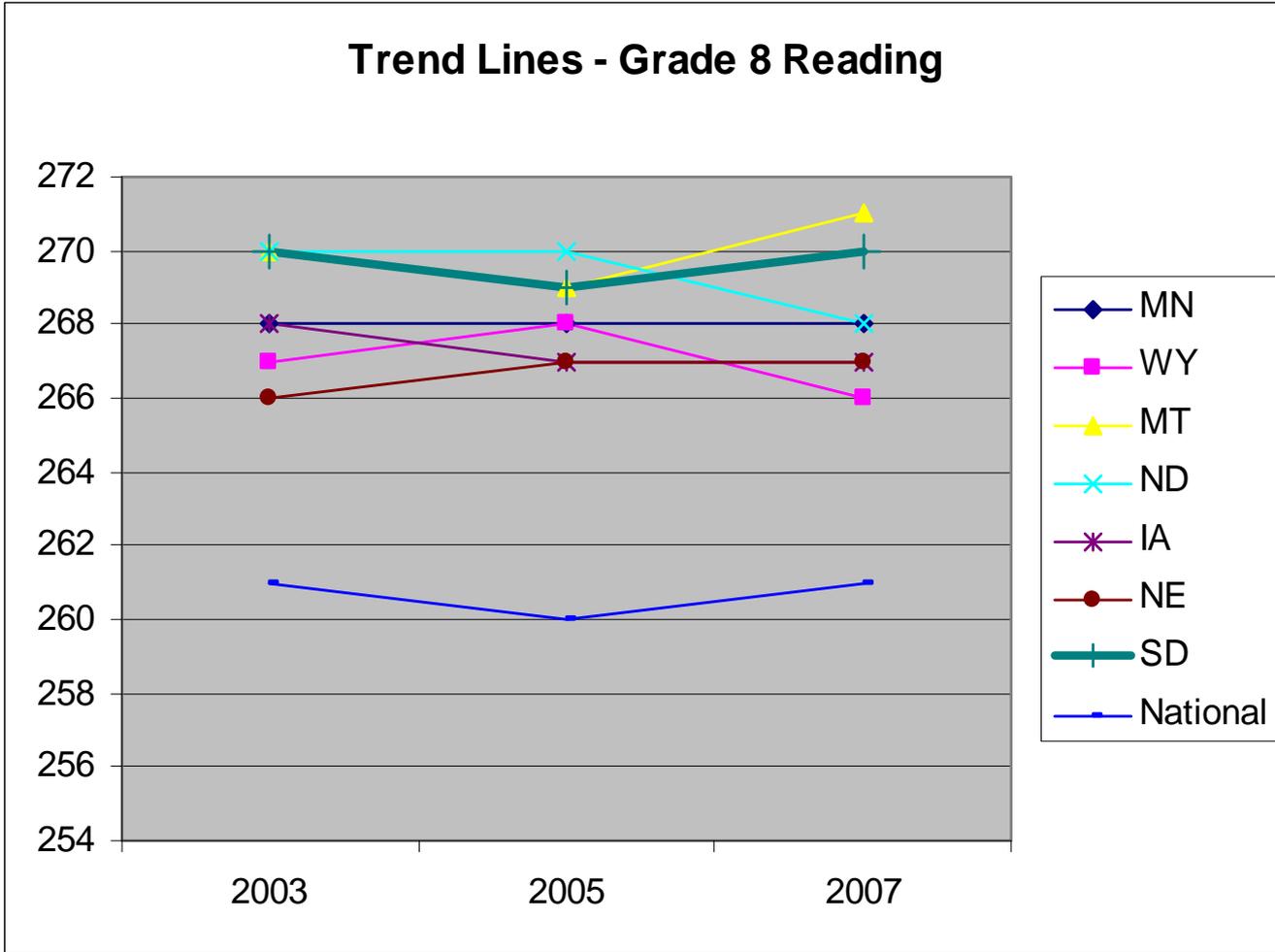




Regional Trend Data Grade 8 Reading



Trend Lines - Grade 8 Reading



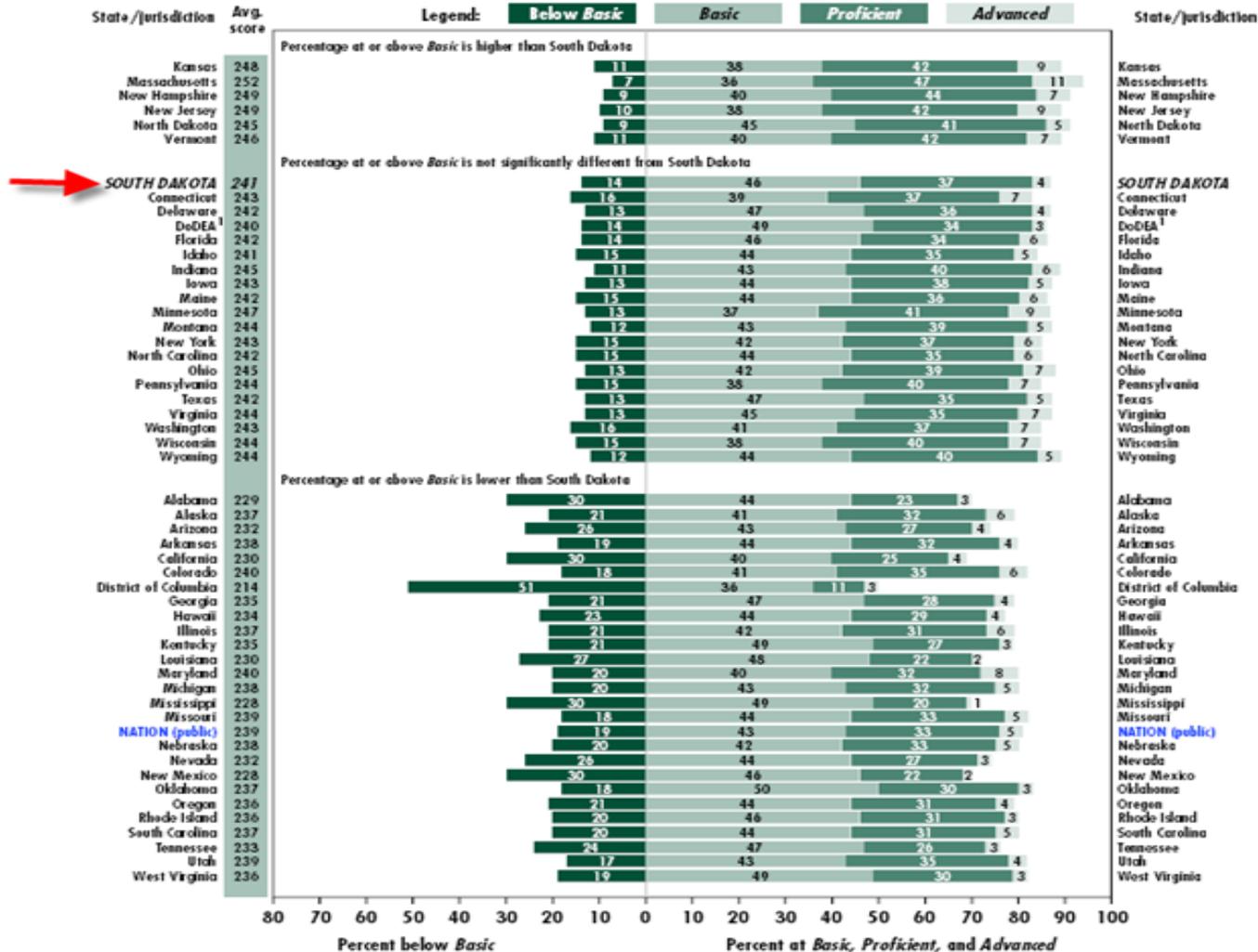


Proficiency Levels

- NAEP and South Dakota achievement level names are the same (*Below Basic, Basic, Proficient, and Advanced*)
- Descriptions are different
- NAEP achievement levels in place since 1990
- NAEP has higher standards and different content but will not change due to trend data

Grade 4 Proficiency Levels

Math 2007



Rounds to zero.

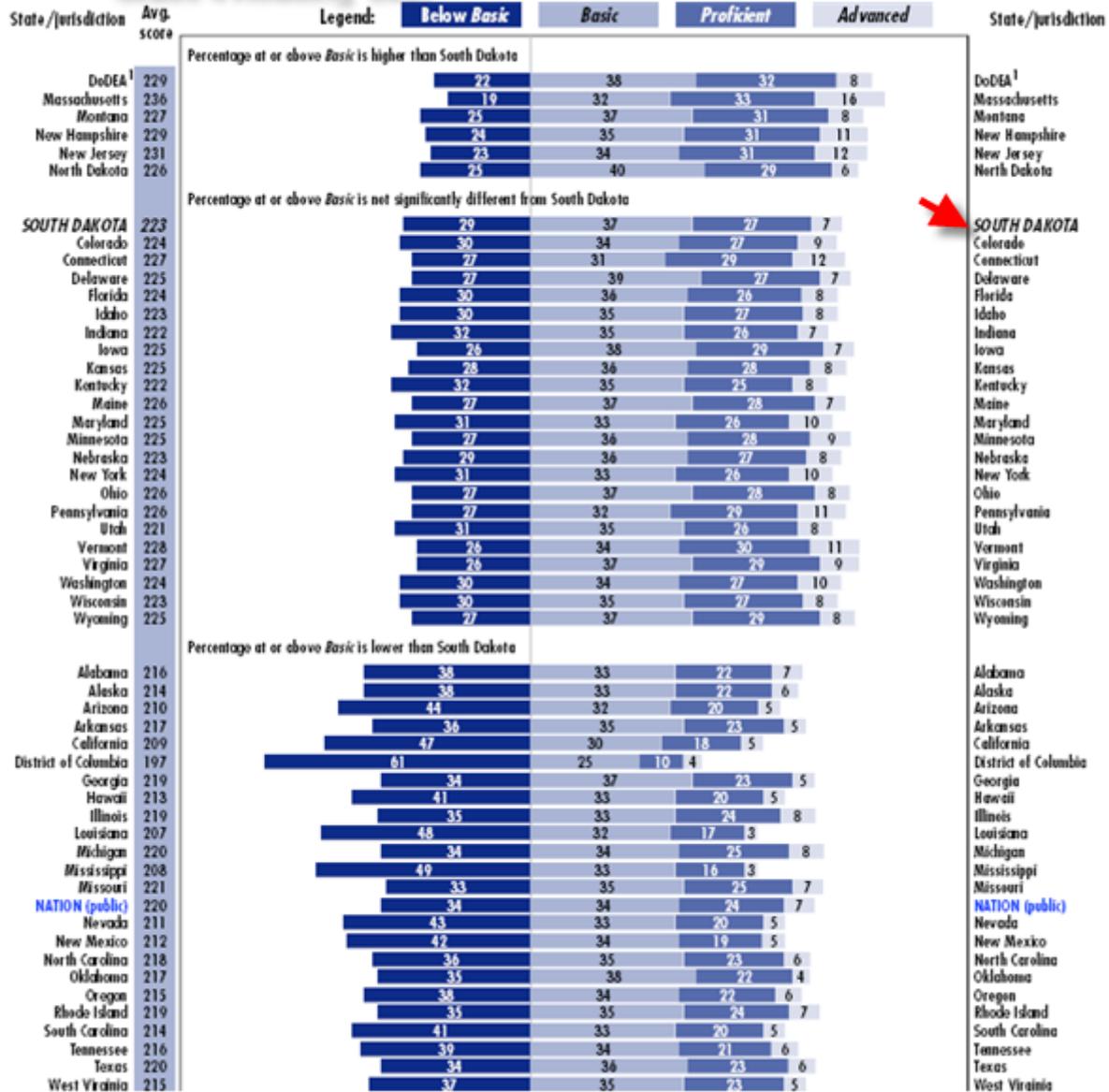
¹ Department of Defense Education Activity schools (domestic and overseas).

NOTE: The bars above contain percentages of students in each NAEP mathematics achievement level. Achievement levels corresponding to each population of students are aligned at the point where the Basic category begins, so that they may be compared at Basic and above. Details may not sum to totals because of rounding. The shaded bars are graphed using unrounded numbers.

Significance tests used a multiple-comparison procedure based on all jurisdictions that participated.

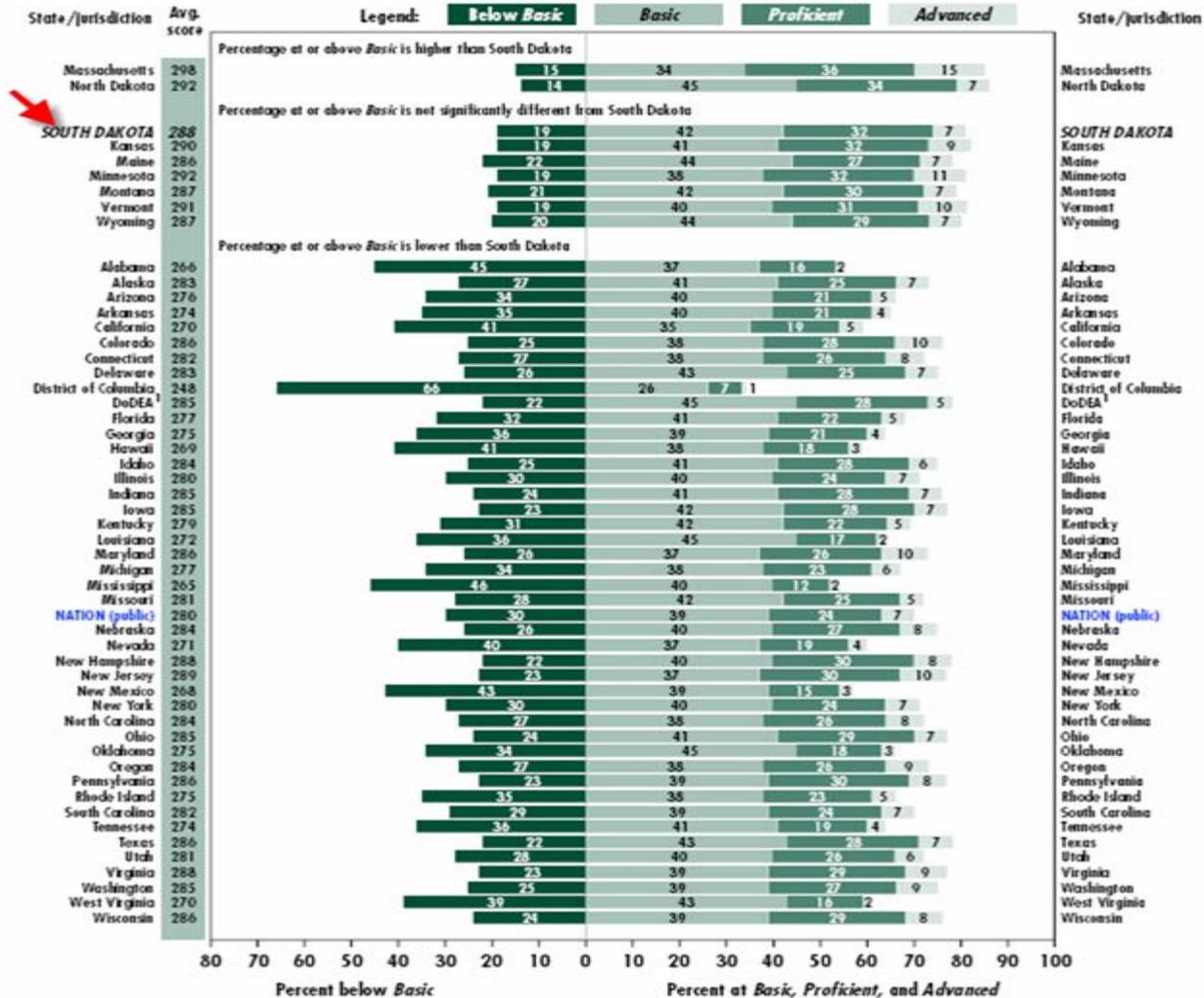
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Grade 4 Reading 2007



Grade 8 Proficiency Levels

Grade 8 Math 2007



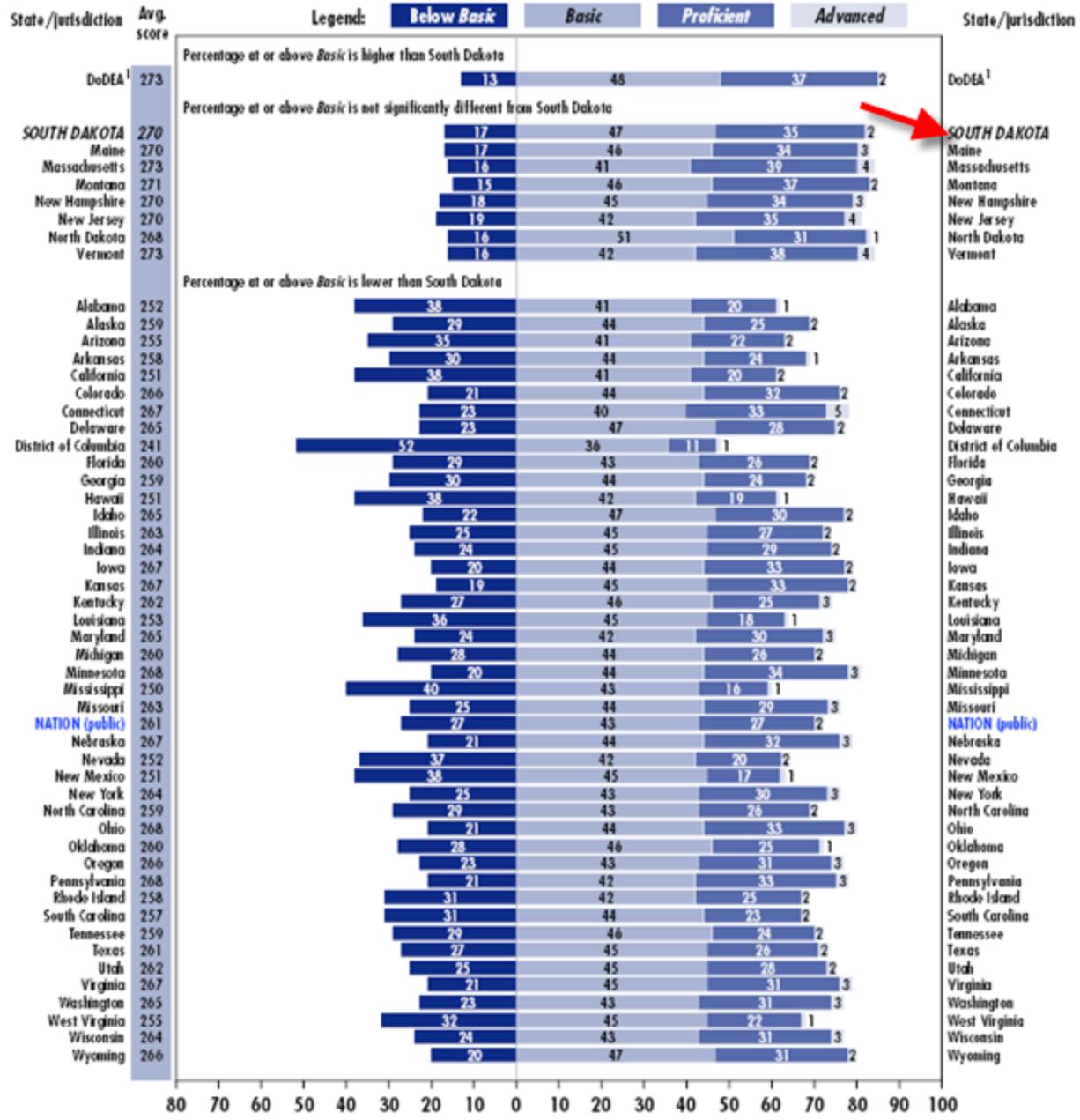
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Grade 8 Reading 2007



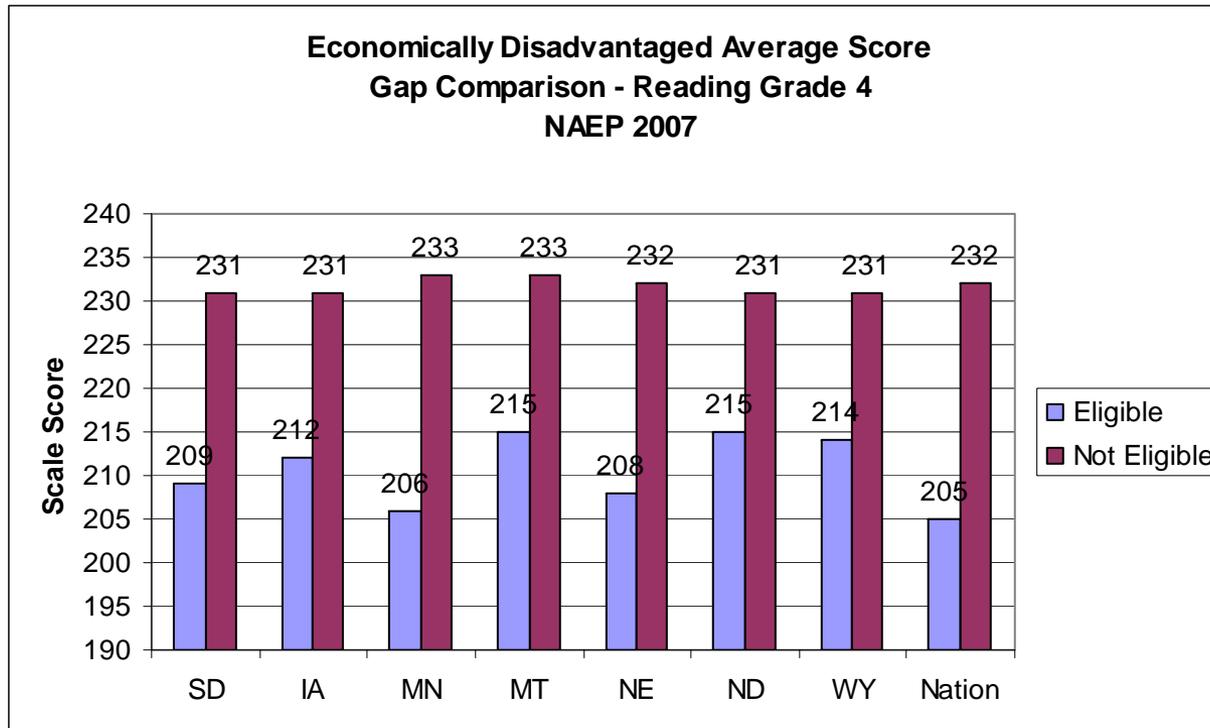


Subgroup big picture

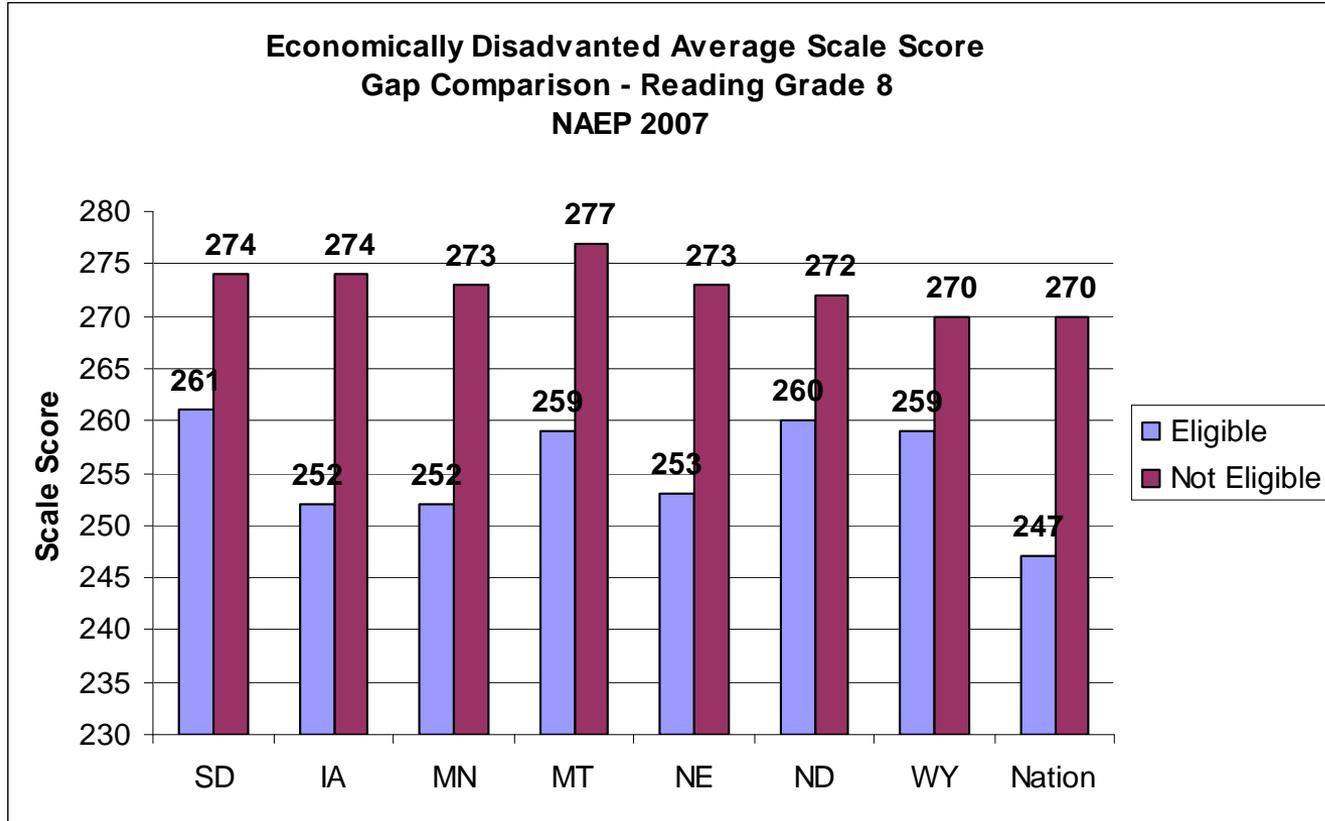
- 4th and 8th grade students in SD who were eligible for free/reduced price school lunch had an average score that was significantly higher than that for the nation's public schools in both reading and math.
- 4th and 8th grade students in SD who were identified as having a disability had an average score that was significantly higher than that for the nation's public schools in both reading and math.
- 4th and 8th grade students in SD identified by school records as being White had an average score that was higher than that of SD American Indian students in both reading and math.

Regional Comparisons

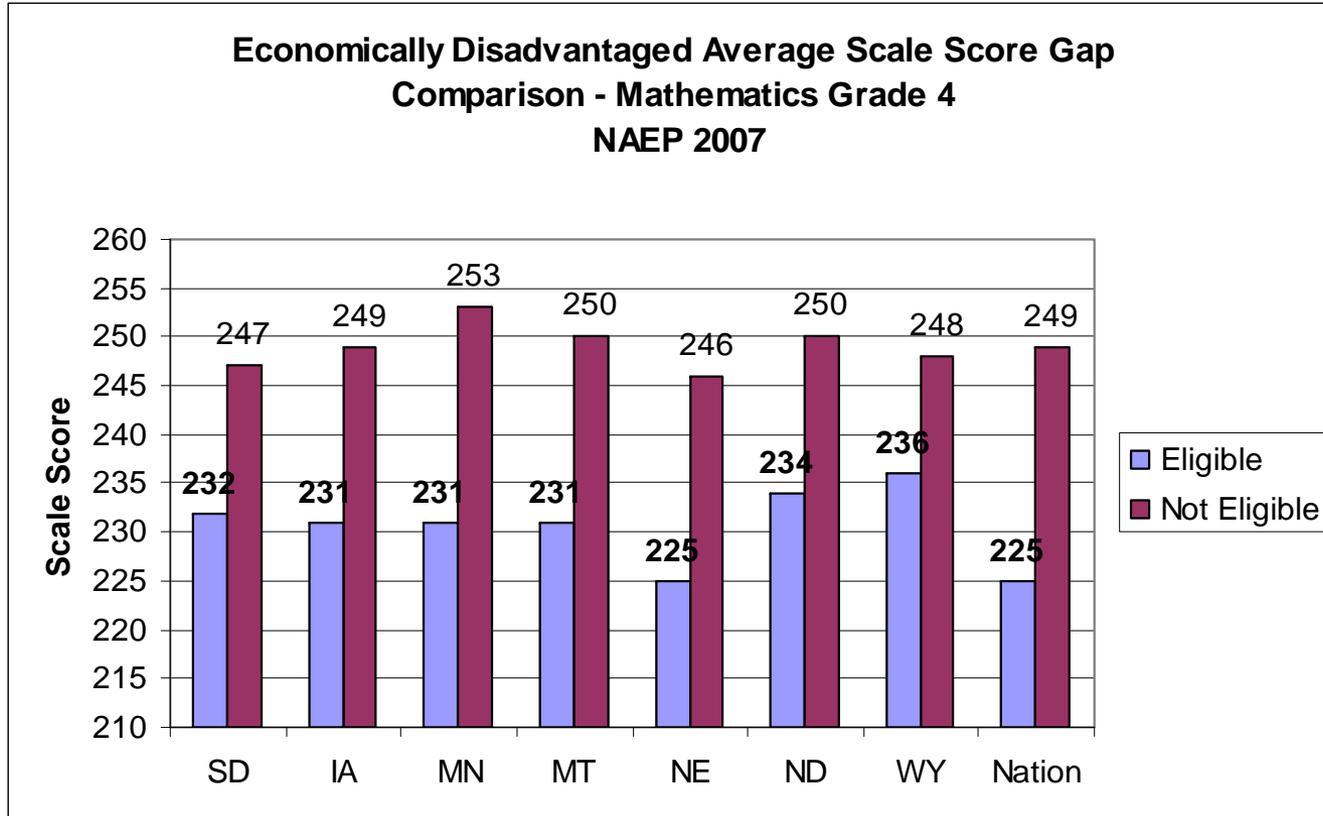
Economically Disadvantaged



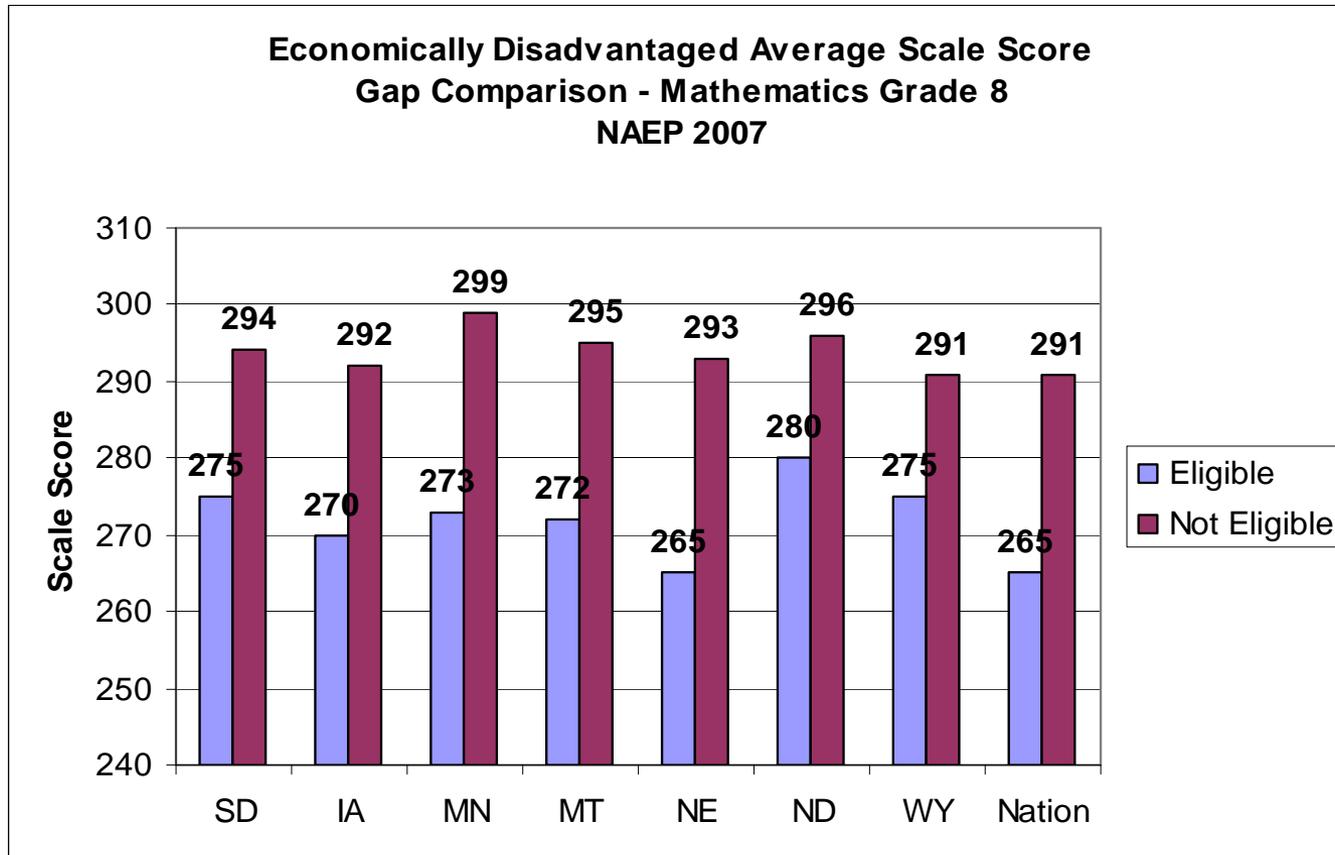
Regional Comparisons Economically Disadvantaged



Regional Comparisons Economically Disadvantaged

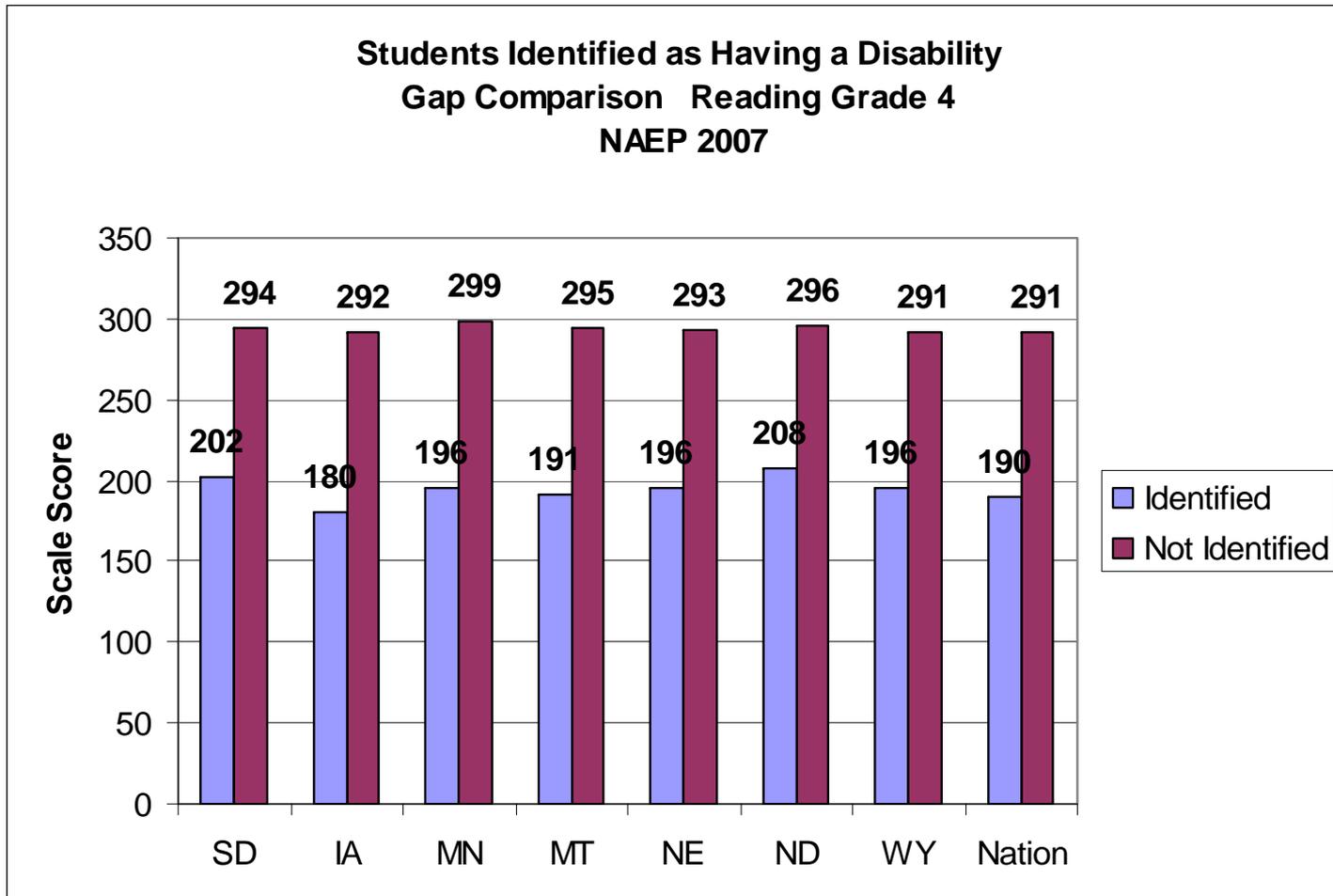


Regional Comparisons Economically Disadvantaged



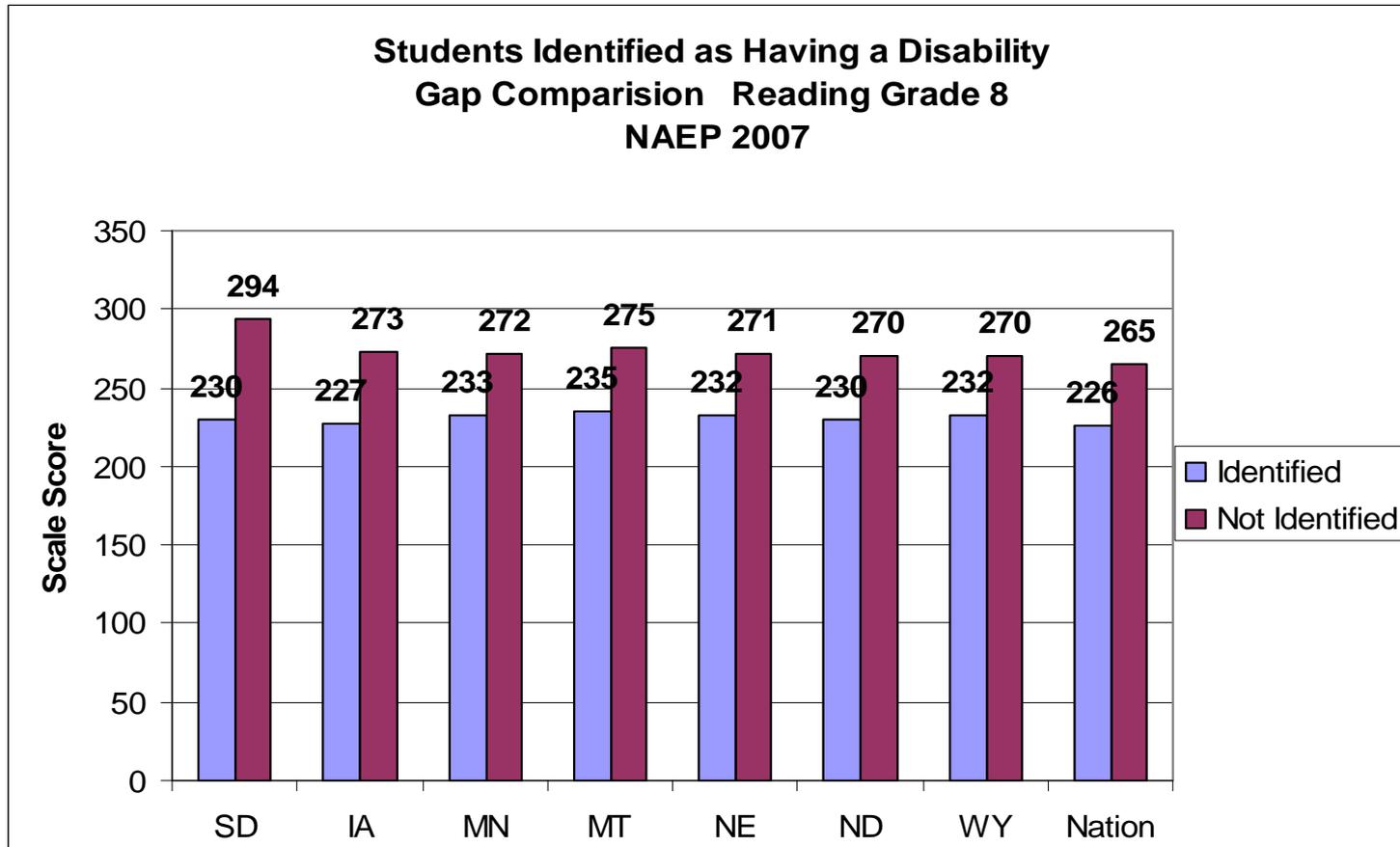
Regional Comparisons

Students Identified as Having a Disability



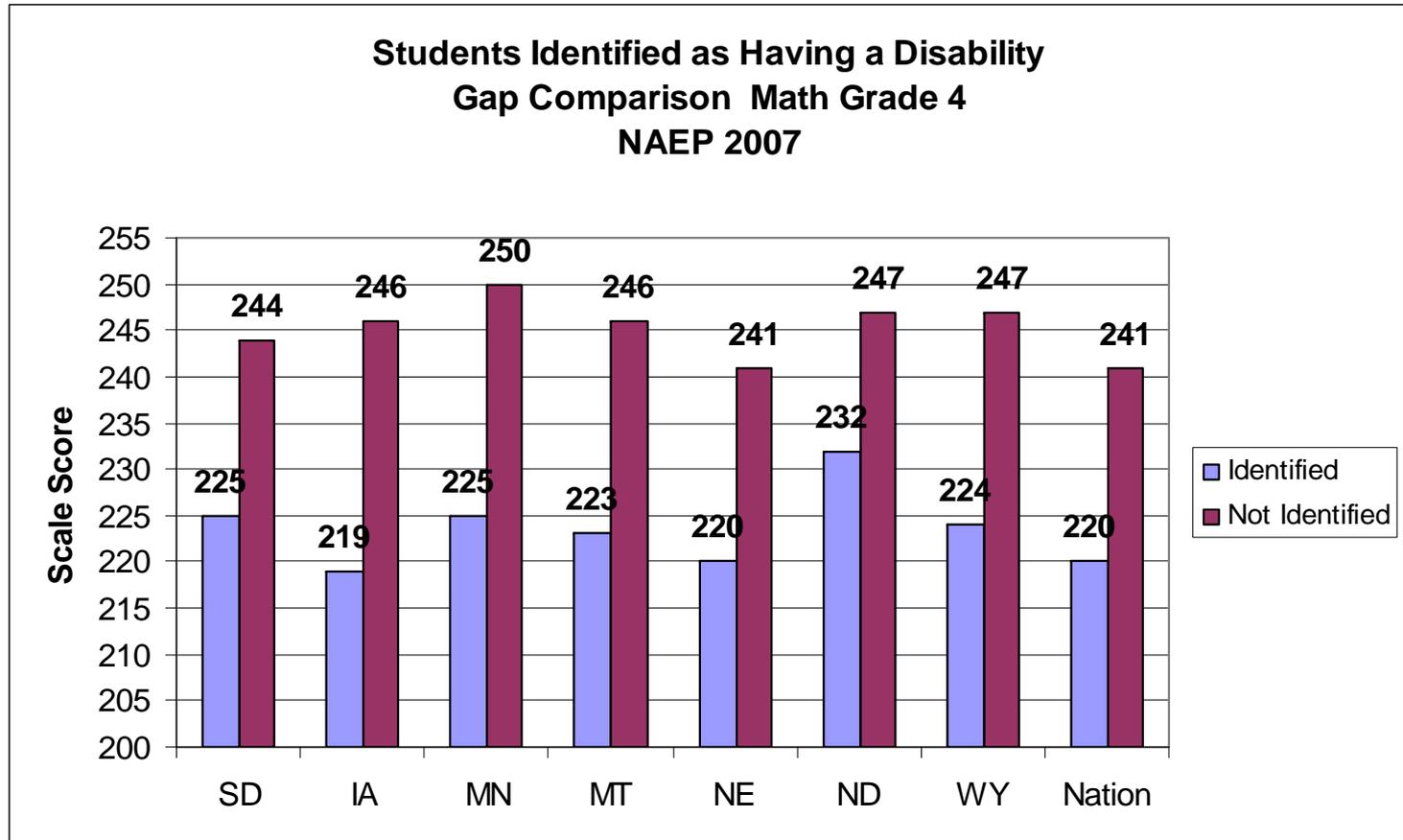
Regional Comparisons

Students Identified as Having a Disability



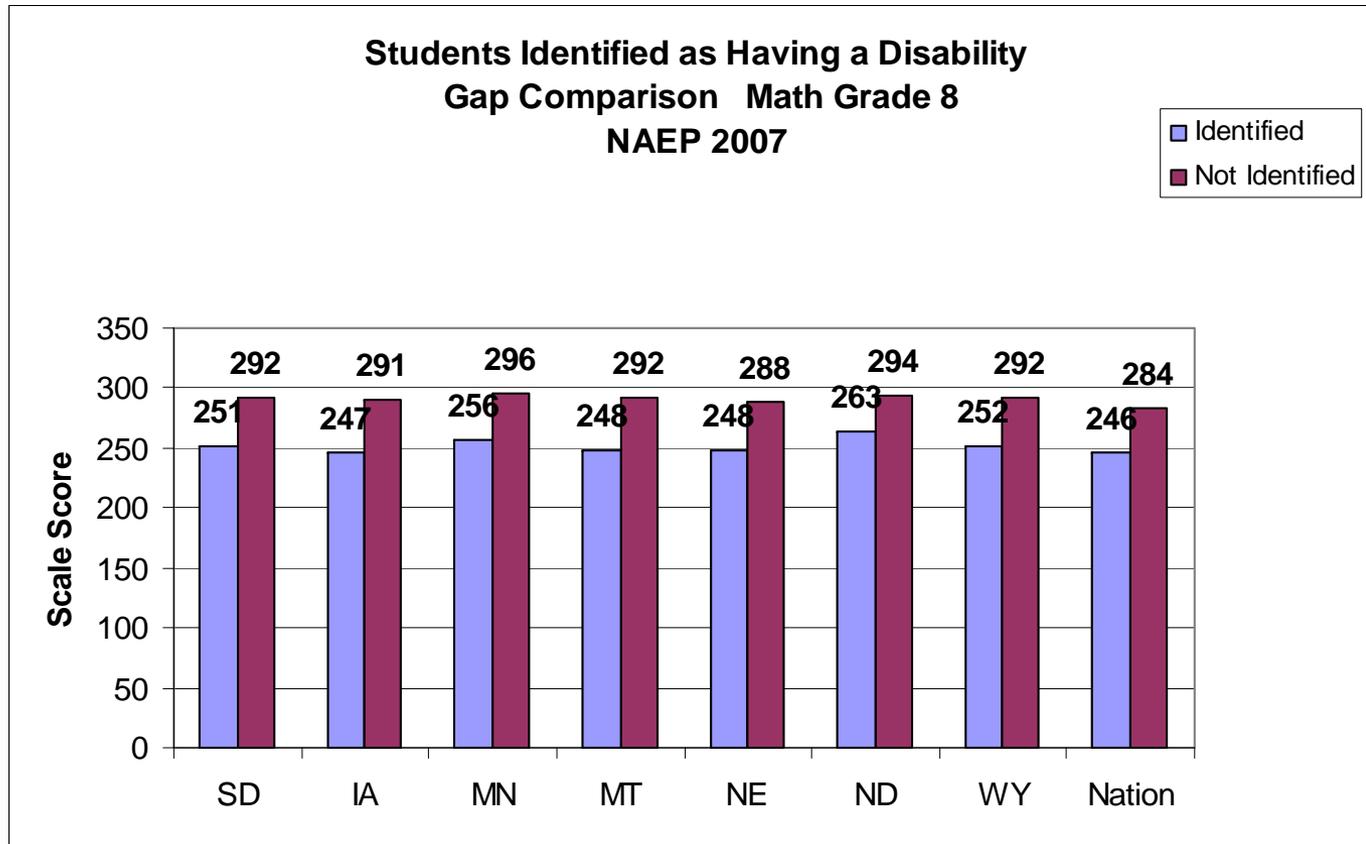
Regional Comparisons

Students Identified as Having a Disability



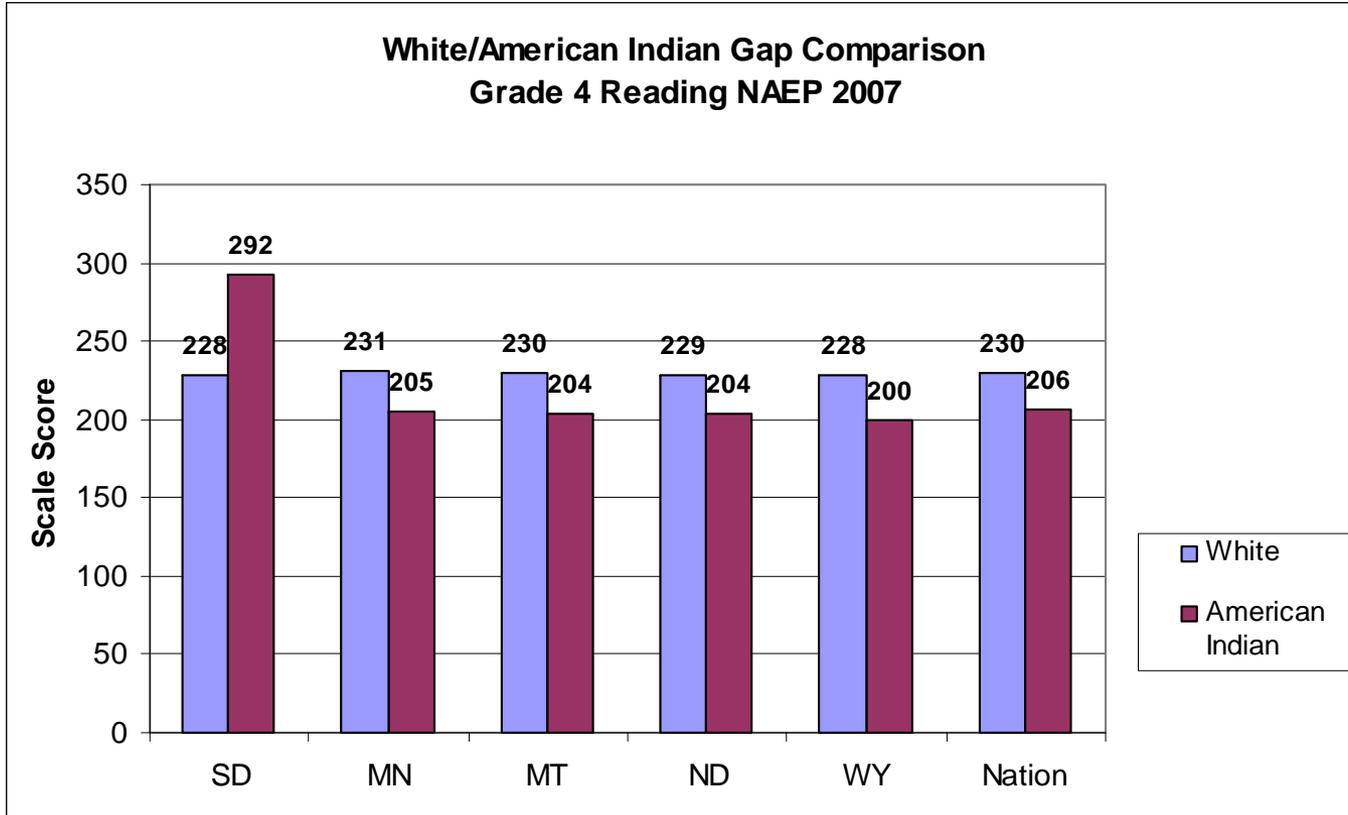
Regional Comparisons

Students Identified as Having a Disability



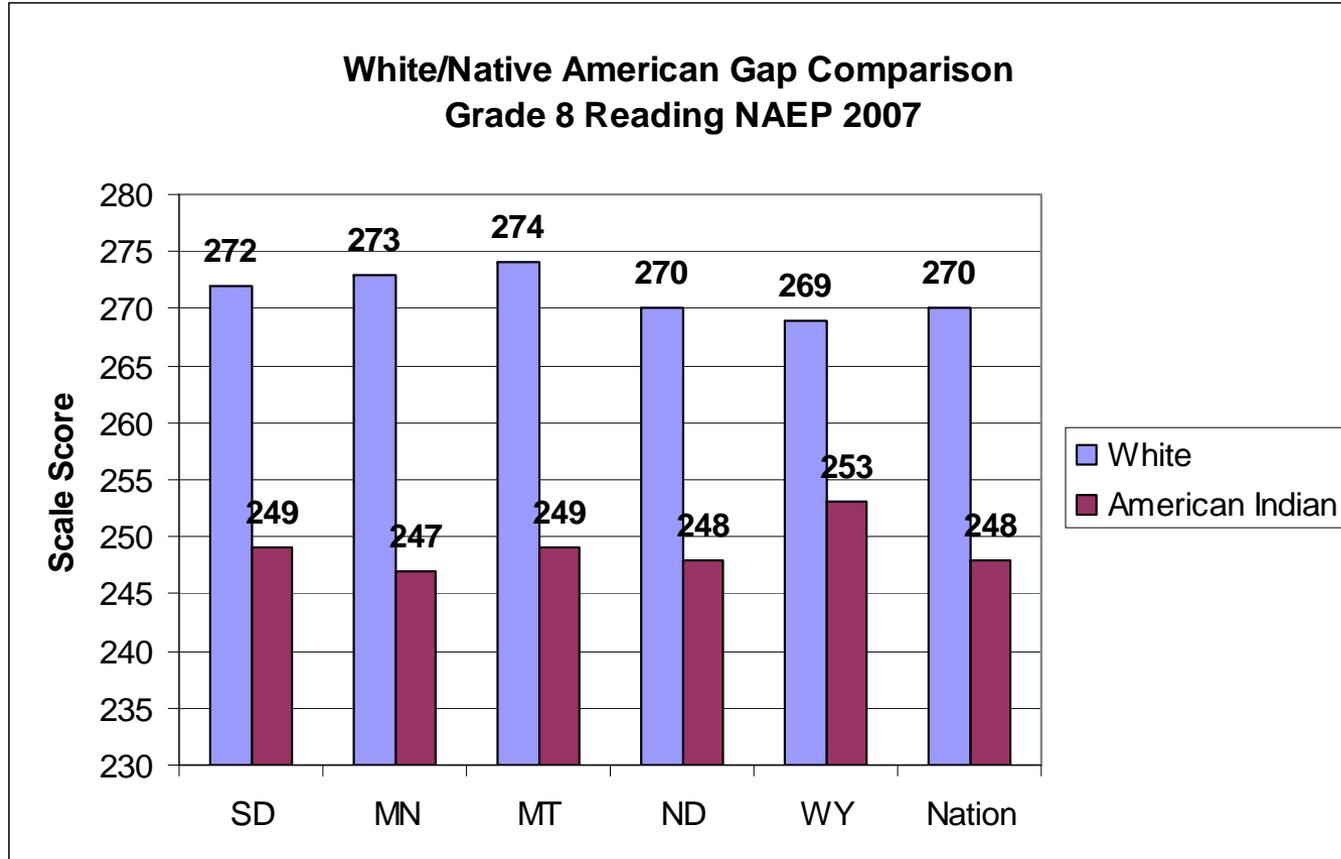
Regional Comparisons

White/American Indian Students



Not all states in the region have enough American Indian students to report scores.

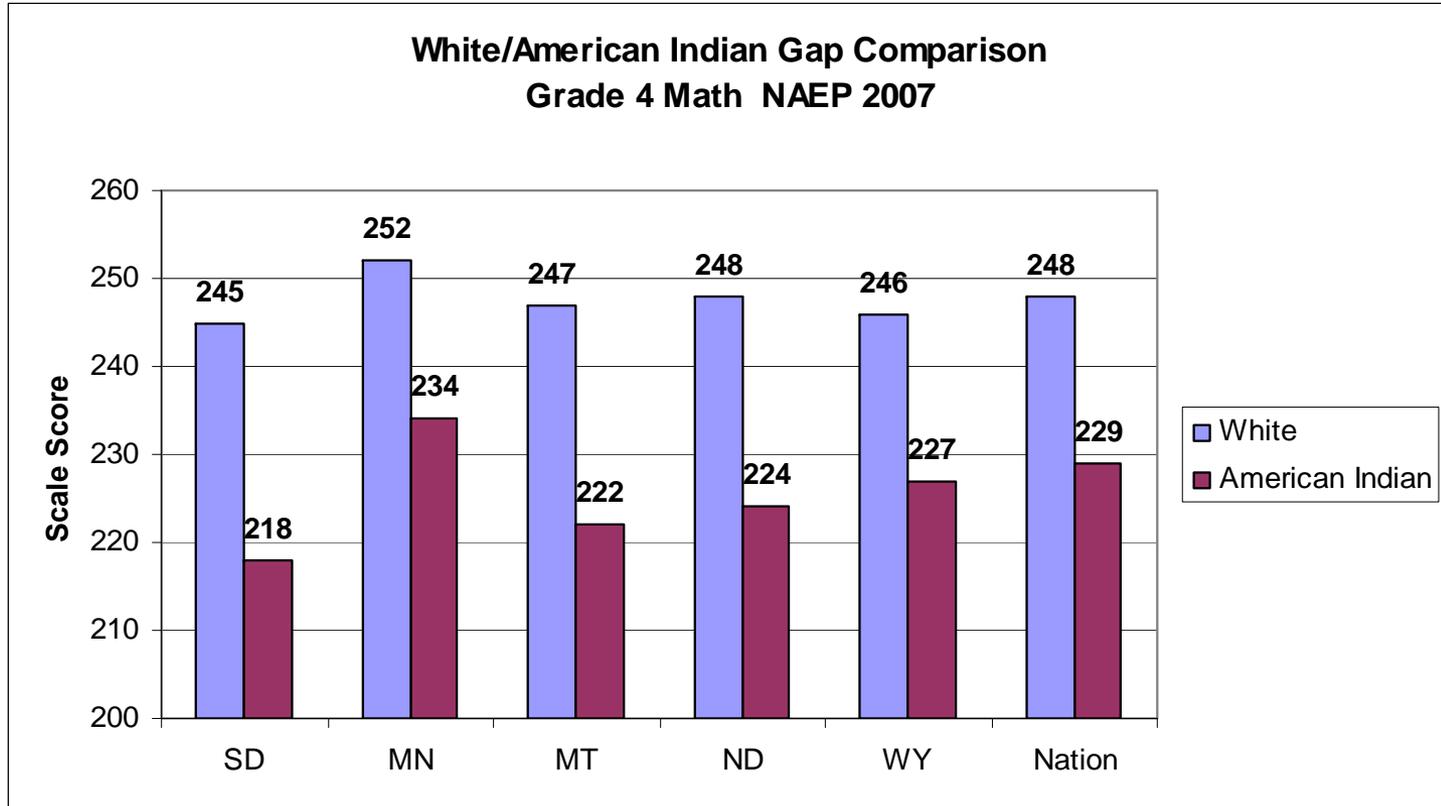
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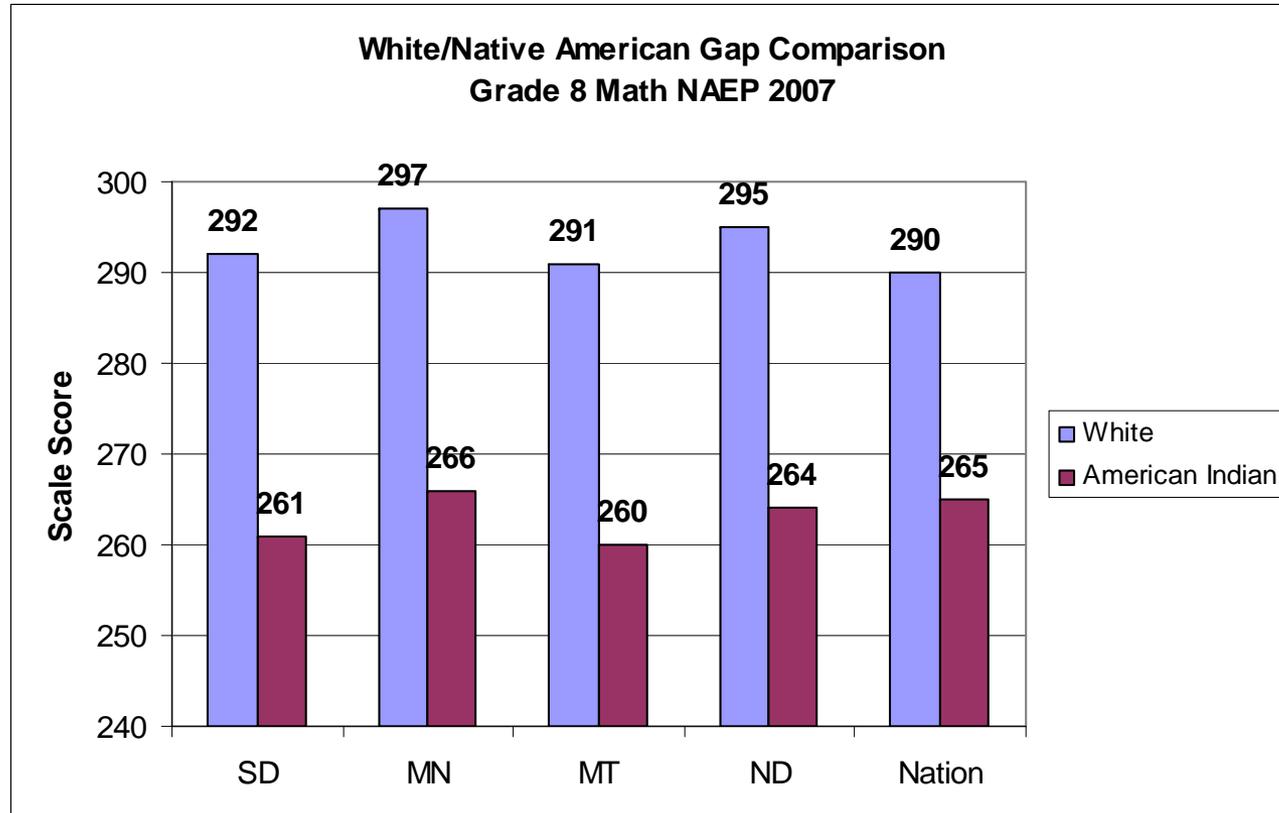
Regional Comparisons

White/American Indian Students



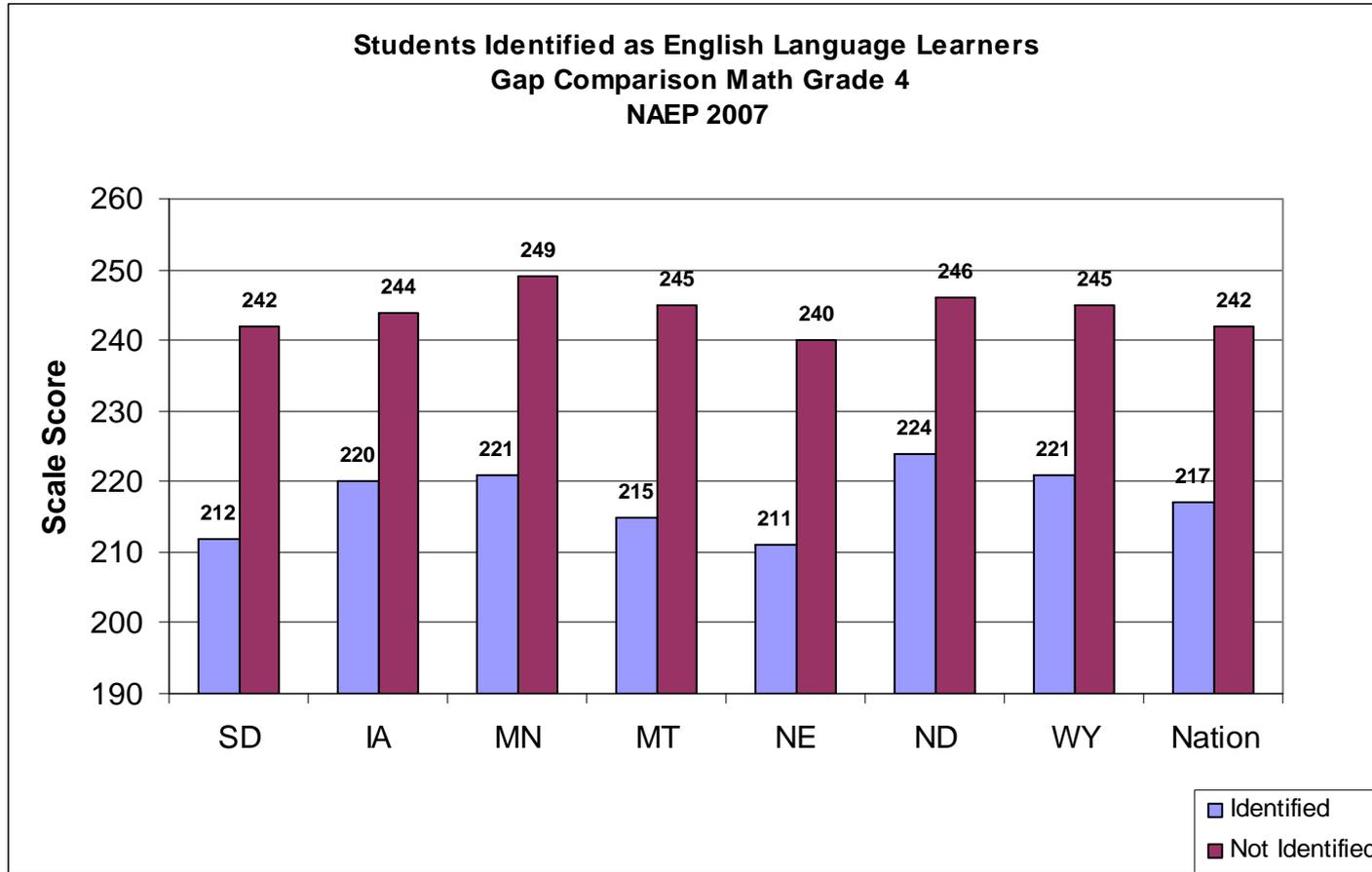
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Regional Comparisons White/American Indian Students



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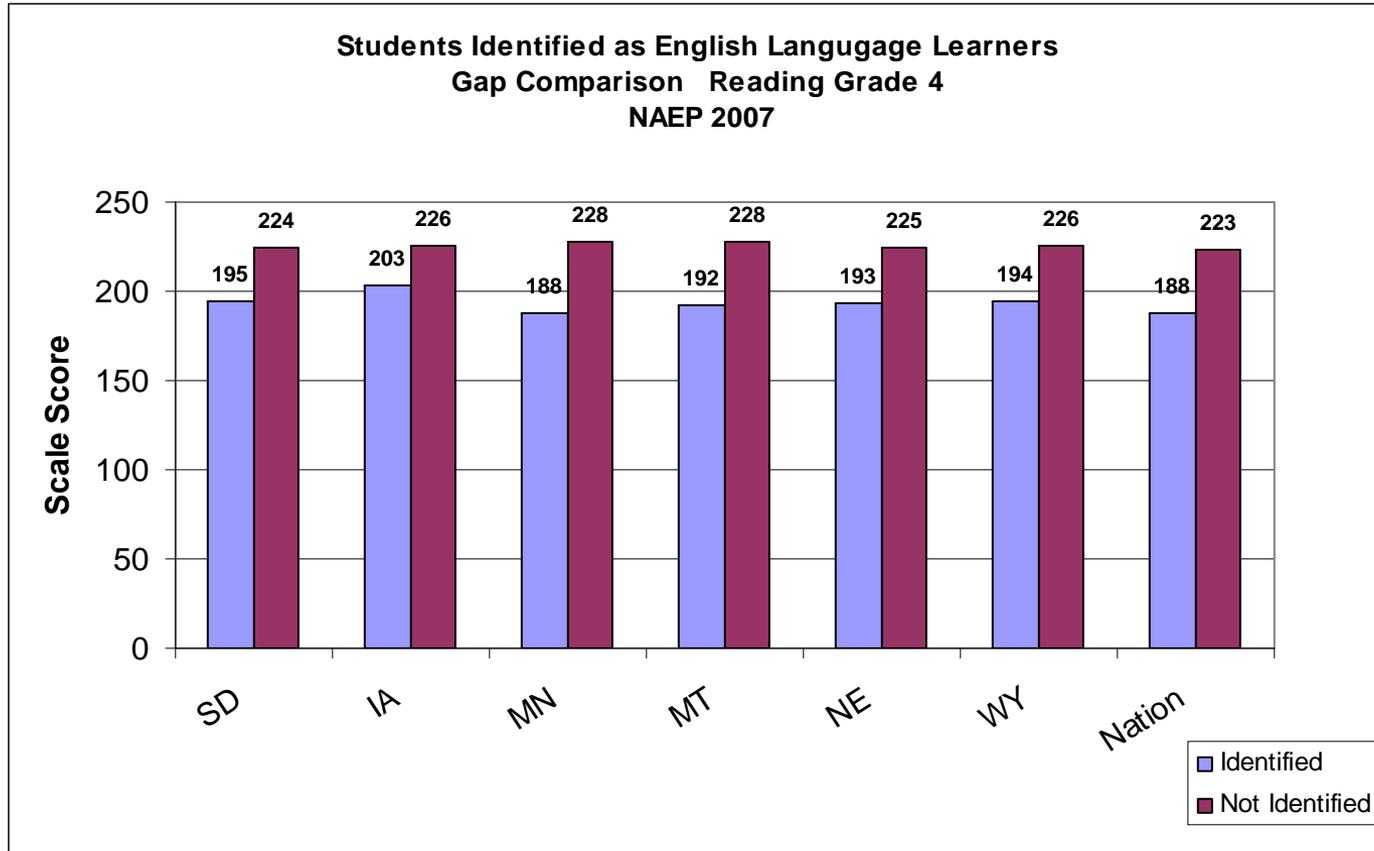
Regional Comparisons Students Identified as English Language Learners



Note: Grade 4 is the only grade where there are enough ELL students to report scores in SD.

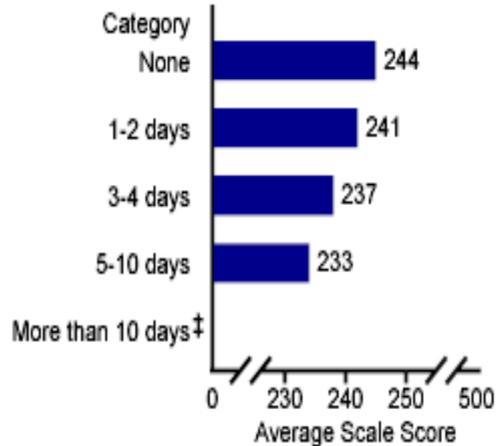
Regional Comparisons

Students Identified as English Language Learners



Days Absent (Student reported) Grade 4 Math

Average scale scores for mathematics, grade 4
 Days absent from school last month (2001+) [B018101]
 South Dakota, 2007



‡ Reporting standards not met.

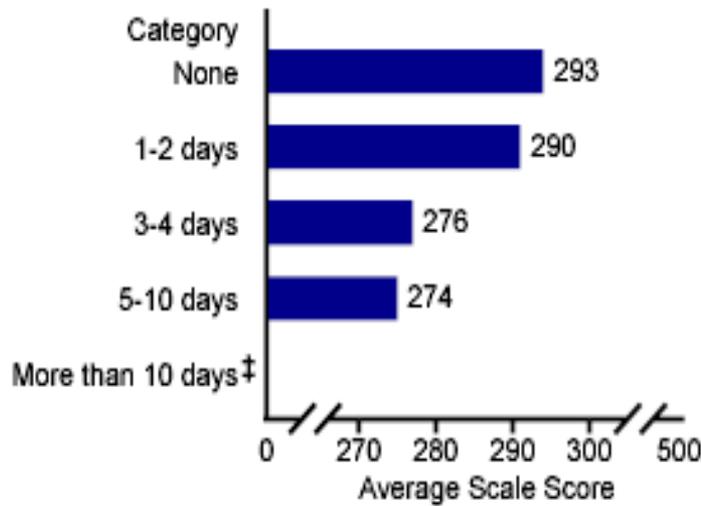
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.



Days Absent (Student reported) Grade 8 Math

Average scale scores for mathematics, grade 8
Days absent from school last month (2001+) [B018101]
South Dakota, 2007



‡ Reporting standards not met.

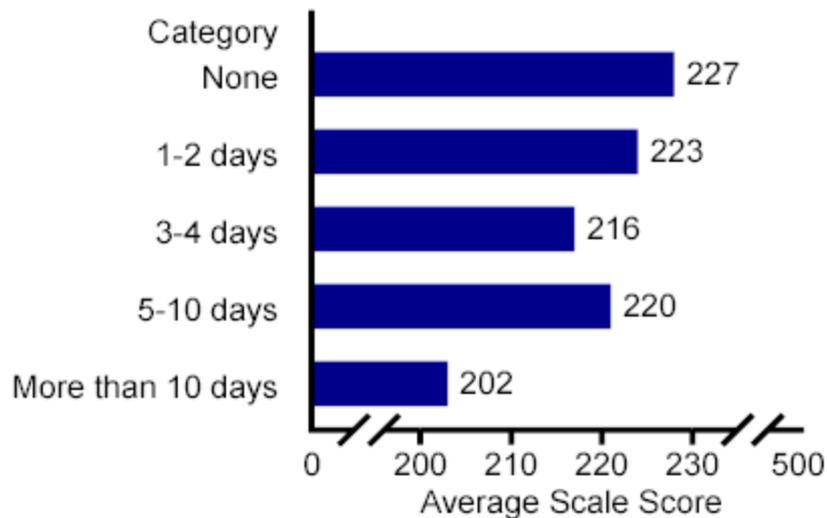
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.



Days Absent (Student reported) Grade 4 Reading

Average scale scores for reading, grade 4
Days absent from school last month (2001+) [B018101]
South Dakota, 2007

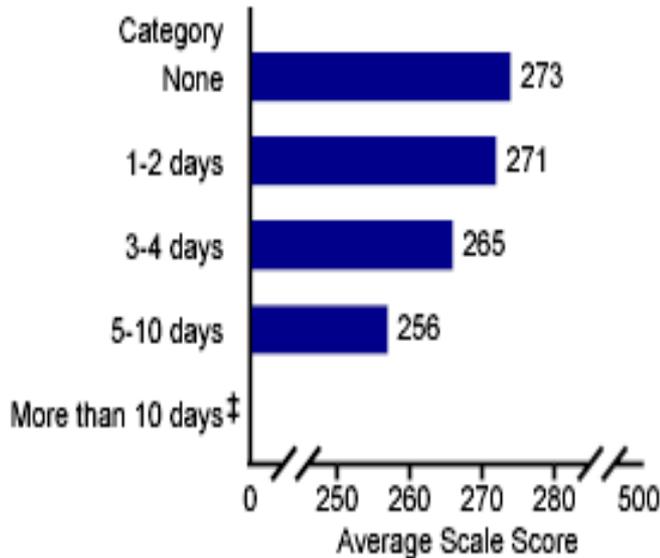


NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Educational Progress (NAEP), 2007 Reading Assessment.



Days Absent (Student reported) Grade 8 Reading

Average scale scores for reading, grade 8
Days absent from school last month (2001+) [B018101]
South Dakota, 2007



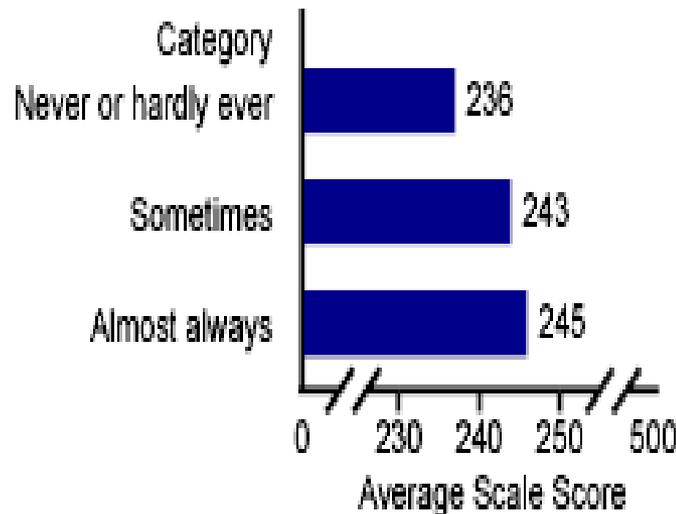
‡ Reporting standards not met.

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Reading Assessment.

Student Reported – Liking Math

Average scale scores for mathematics, grade 4
Likes what is done in math class [M820005]
South Dakota, 2007



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

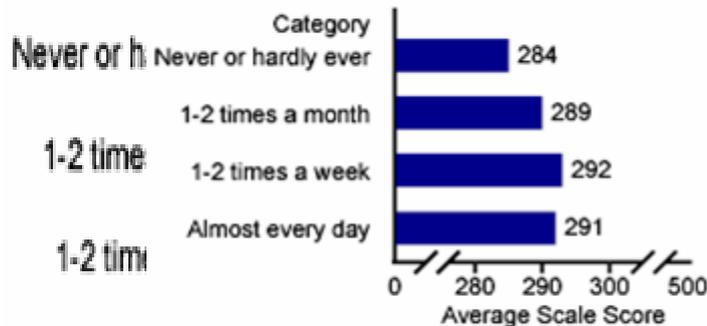


Student Reported Data Grade 8 Math

Math is engaging and interesting

Average scale scores for mathematics, grade 8
Math work is engaging and interesting [M820107]
South Dakota, 2007

Average scale scores for mathematics, grade 8
Math work is engaging and interesting [M820107]
South Dakota, 2007



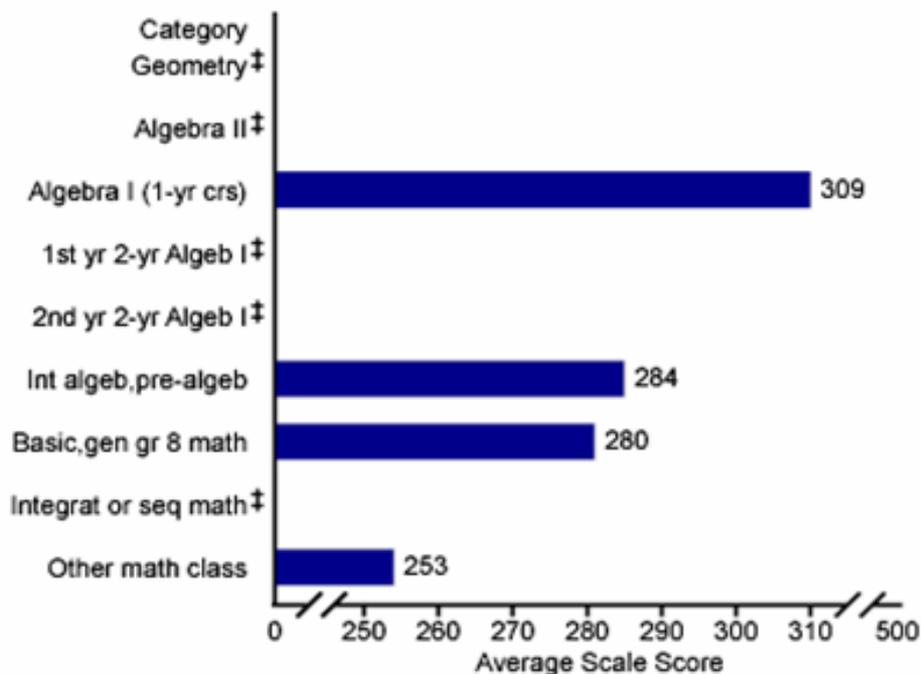
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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

0 280 290 300 500
Average Scale Score

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Math Classes Taking Now Grade 8 (Student Reported)

Average scale scores for mathematics, grade 8
 Math class taking now (2005) [M815701]
 South Dakota, 2007



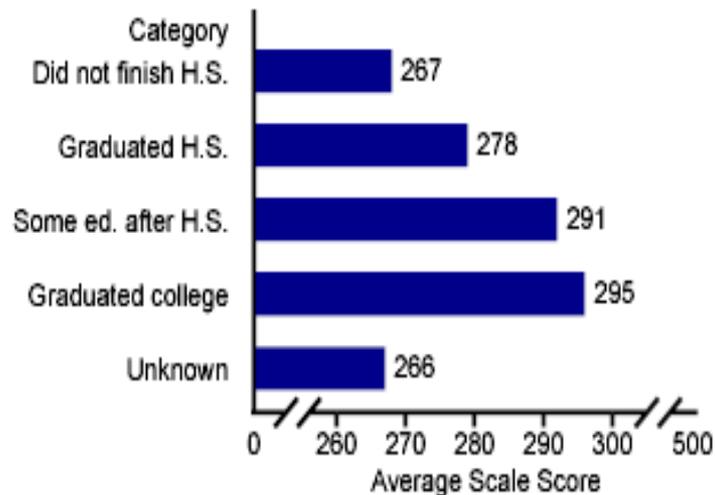
‡ Reporting standards not met.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Math Grade 8 – Parental Educational Level (Student Reported)

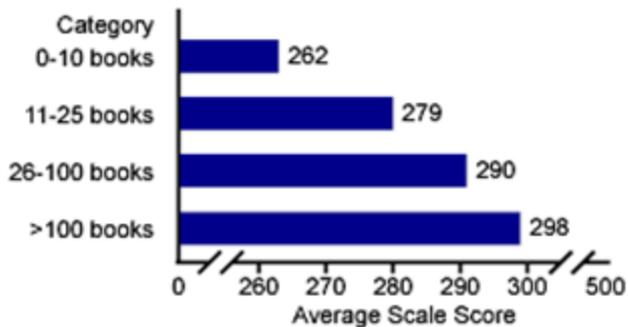
Average scale scores for mathematics, grade 8
 Parental education level (from 2 questions) [PARED]
 South Dakota, 2007



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Books in the home (student reported) Grade 8 Math

Average scale scores for mathematics, grade 8
Books in home (2001+) [B013801]
South Dakota, 2007

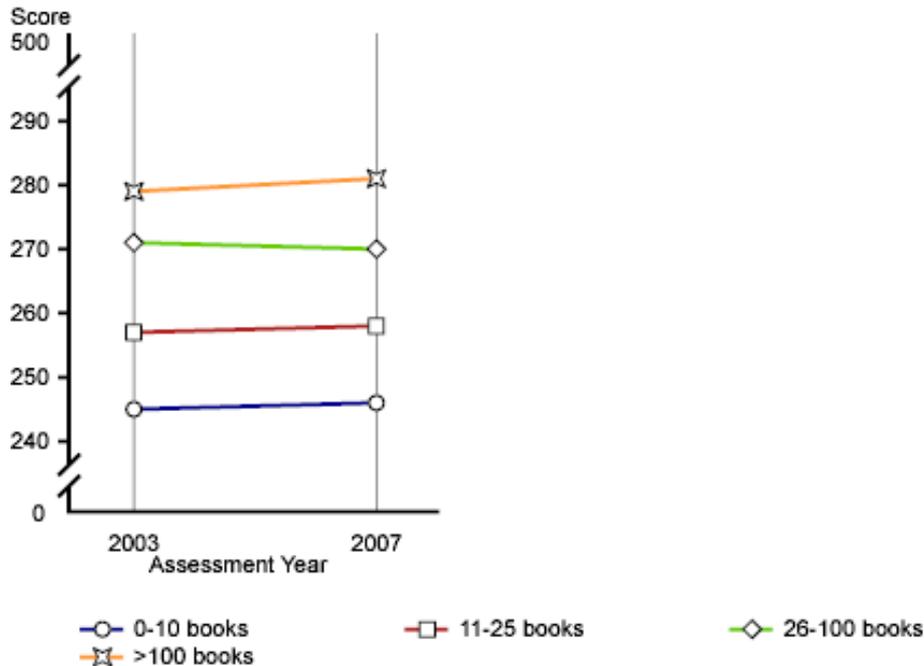


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Books in the home (student reported) Grade 8 Reading

Average scale scores for reading, grade 8
 Books in home (2001+) [B013801]
 South Dakota, 2003 and 2007

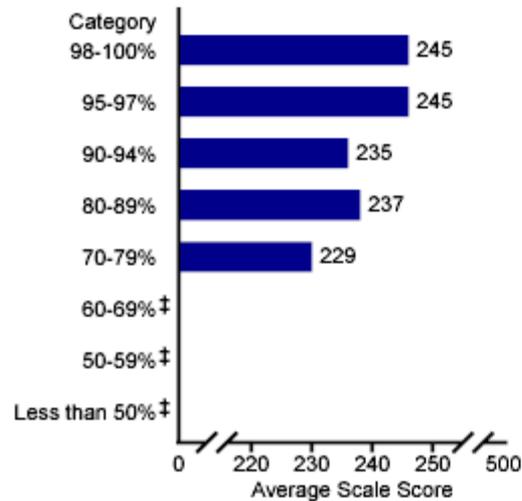


NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 and 2007 Reading Assessments.

% of Students Enrolled from Beginning to End of the School Year (school reported) Grade 4 Math

Average scale scores for mathematics, grade 4
Percent still enrolled at end of year [C037801]
South Dakota, 2007



‡ Reporting standards not met.

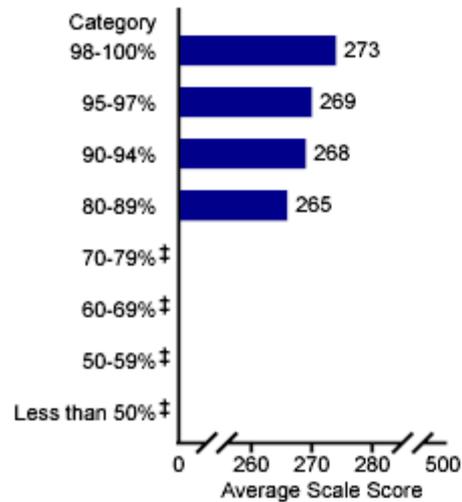
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.



% of Students Enrolled from Beginning to End of the School Year (school reported) Grade 8 Reading

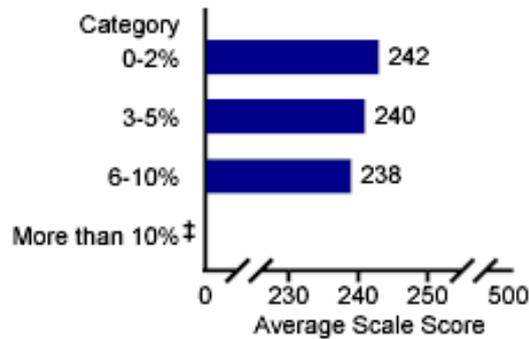
Average scale scores for reading, grade 8
Percent still enrolled at end of year [C037801]
South Dakota, 2007





Teacher Absenteeism (school reported) Grade 4 Math

Average scale scores for mathematics, grade 4
Percent of teachers absent on average day [C036501]
South Dakota, 2007



‡ Reporting standards not met.

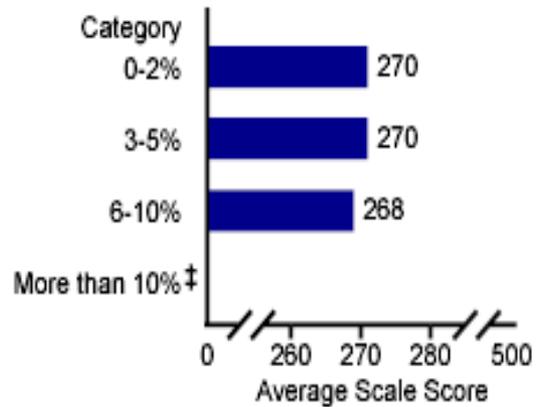
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.



Teacher Absenteeism (school reported) Grade 8 Reading

Average scale scores for reading, grade 8
Percent of teachers absent on average day [C036501]
South Dakota, 2007





Part 3

South Dakota

2005 Science Results



Science 2005

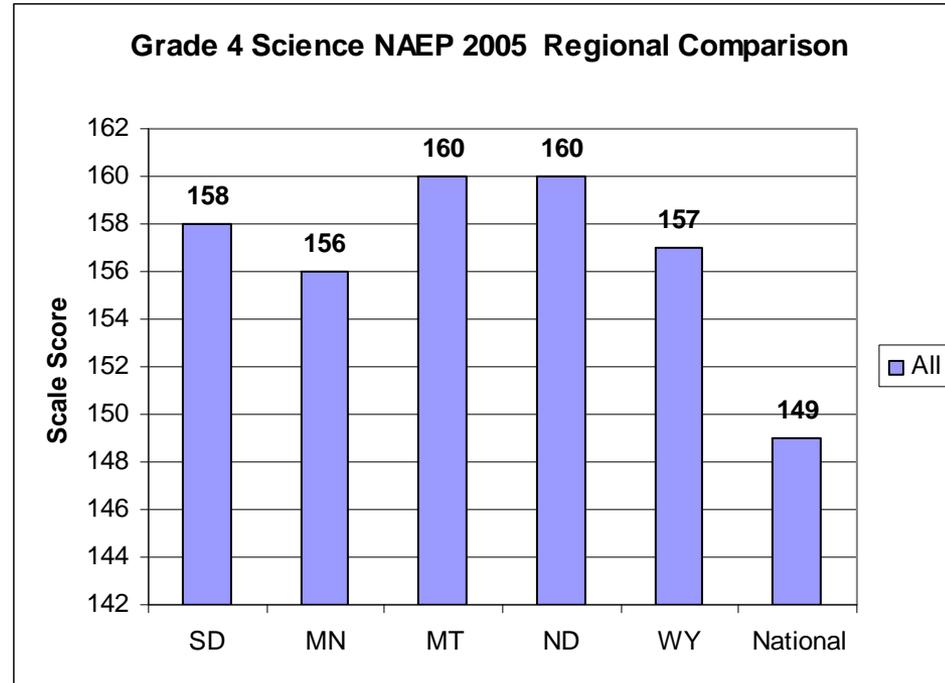
- South Dakota participated in NAEP State Science for the first time in 2005
- Science is voluntary at the state level so all states in region did not participate
- Science is assessed once every 4 years
- Some students did hands-on experiments as well as paper/pencil questions
- Questions include multiple choice and constructed response
- Scoring is on a scale of 0-300 with a separate scale for each grade level
- Proficiency levels are same as reading and math (below basic, basic, proficient, & advanced)



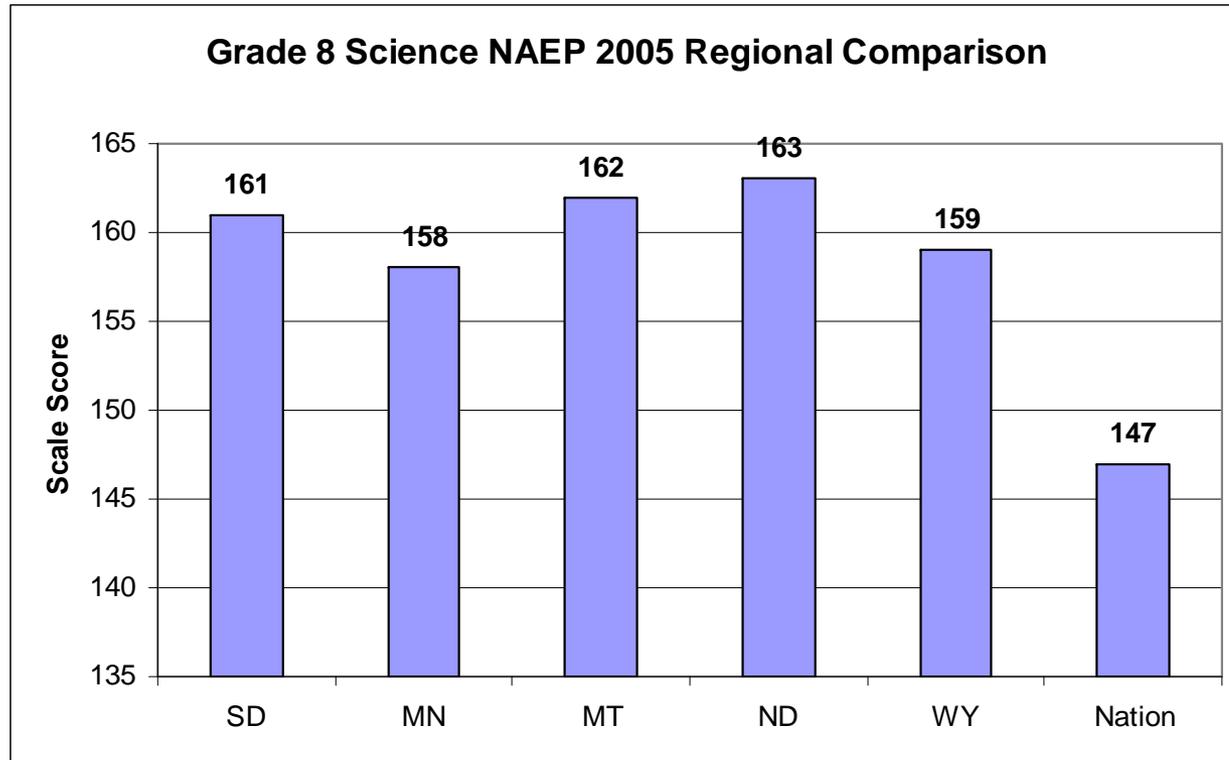
General Findings for Science

- The percentage of grade 4 & 8 students scoring at or above proficient was greater than the nation.
- The performance gap for students eligible for free or reduced lunch was narrower than that of the nation.
- Males outperformed females at the state level and the gap between male and female is greater than the national gap.

Regional Scale Scores – Science 2005



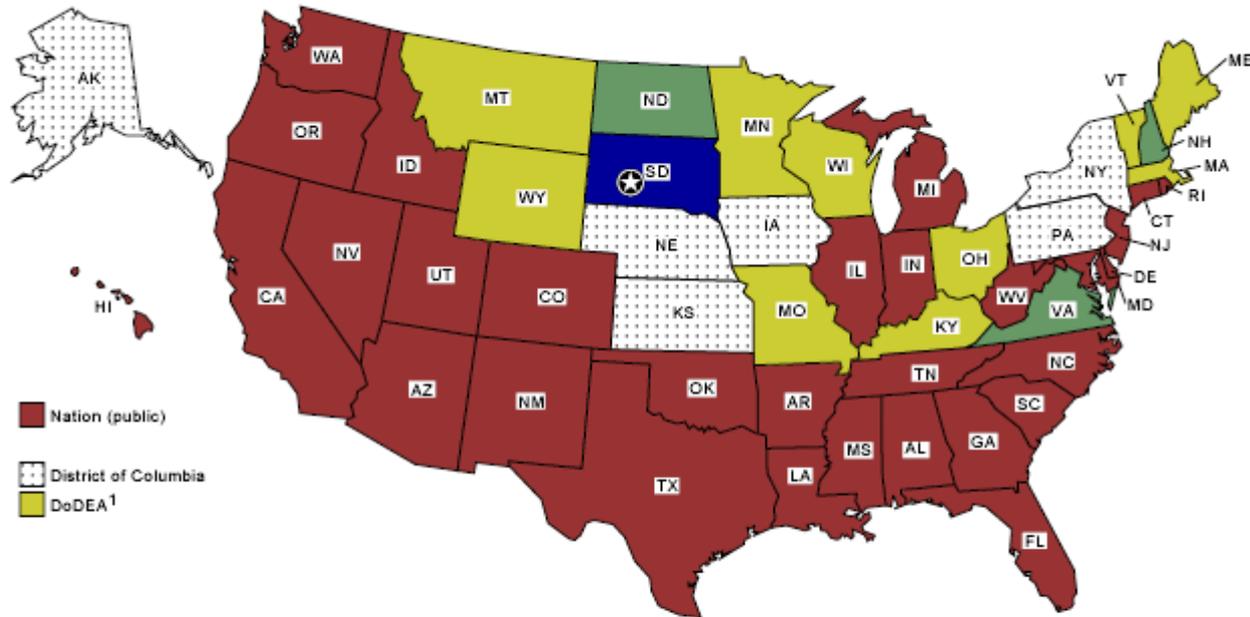
Regional Scale Scores – Science 2005



Scale Score Range 0-300

2005 National Comparison Scale Scores – Grade 4 Science

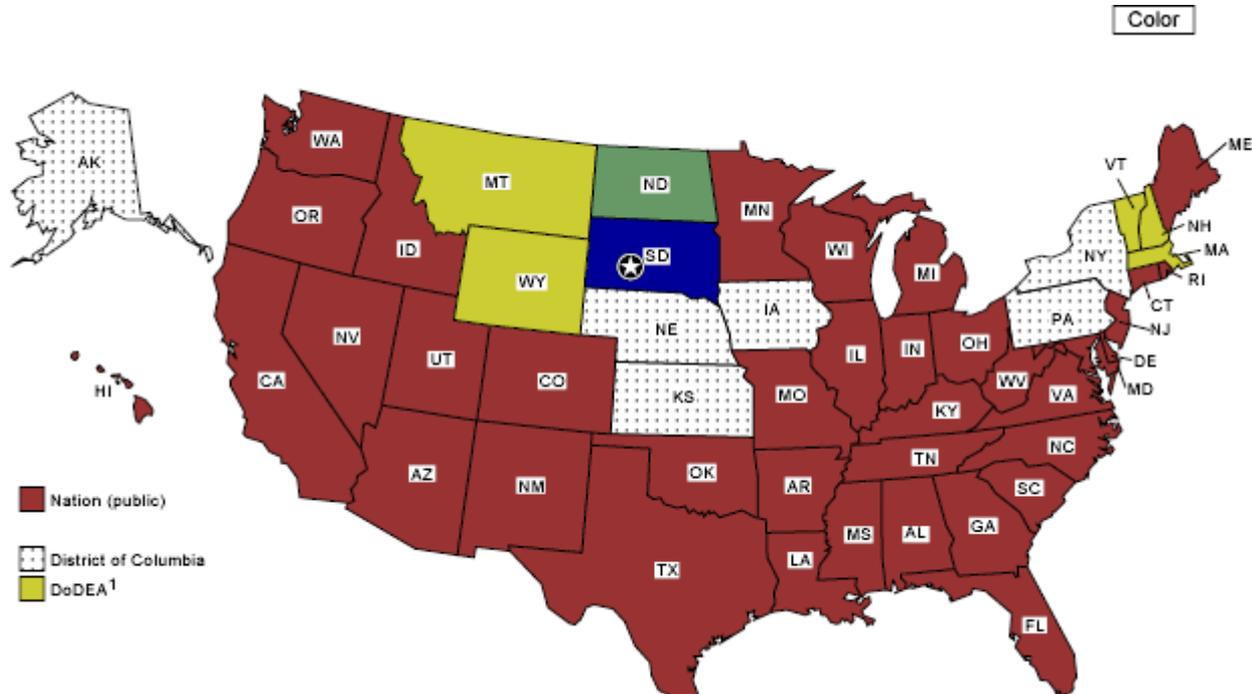
Color



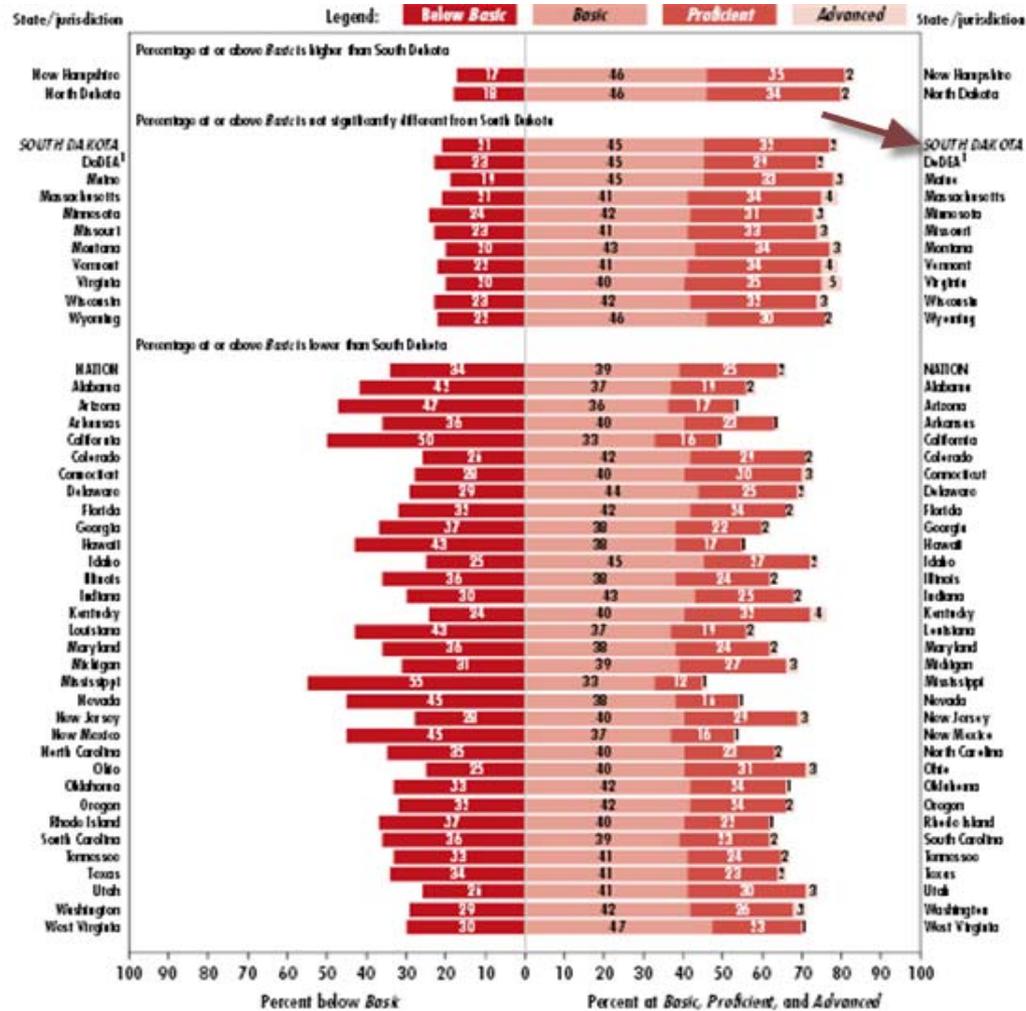
-  Focal state/jurisdiction (South Dakota)
-  Higher average scale score than South Dakota (3 jurisdictions)
-  Not significantly different from South Dakota (11 jurisdictions)
-  Lower average scale score than South Dakota (nation and 30 jurisdictions)
-  Did not participate or did not meet minimum participation rates.

¹ Department of Defense Education Activity schools (domestic and overseas).

2005 National Comparison Scale Scores – Grade 8 Science

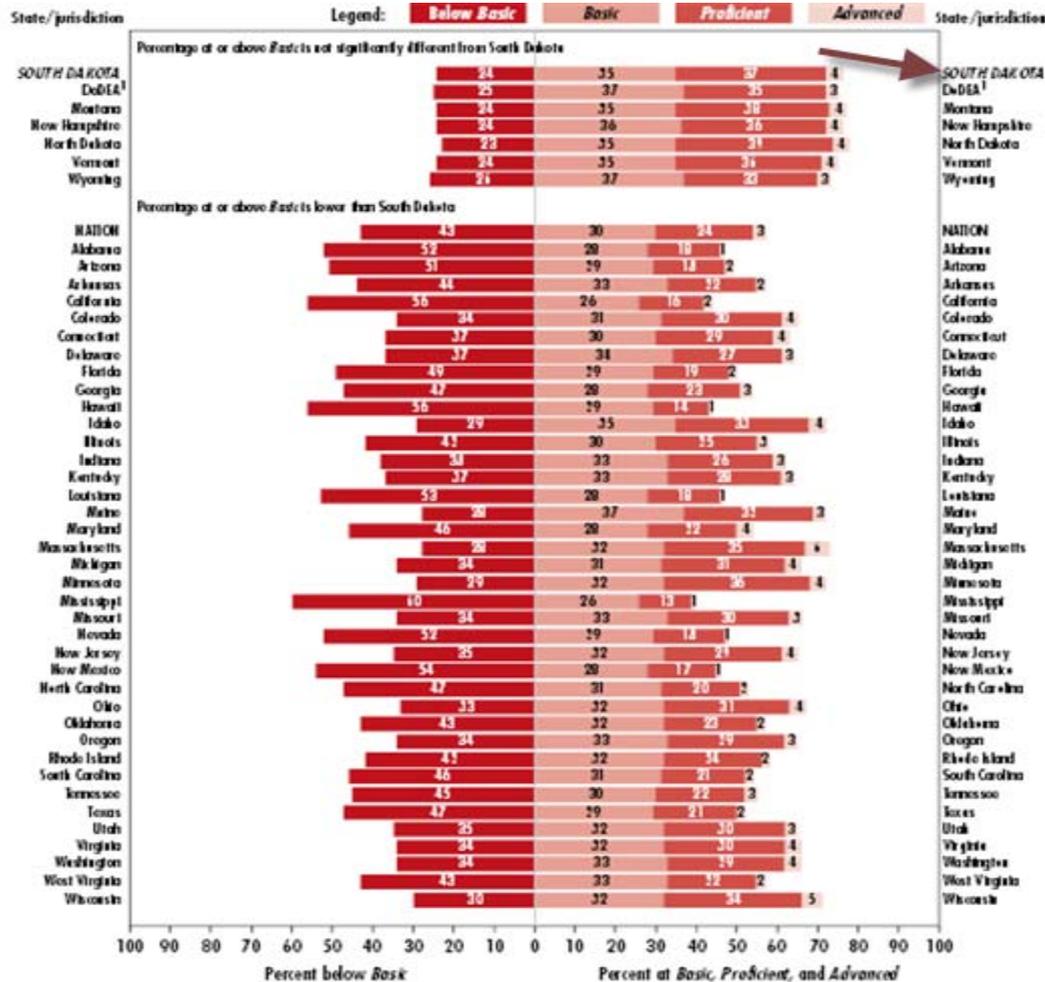


2005 National Comparison Achievement Levels – Grade 4 Science



¹ Department of Defense Education Activity schools (domestic and overseas).
NOTE: The bars above contain percentages of students in each NAEP science achievement level. Achievement levels corresponding to each population of students are aligned at the point where the Basic category begins, so that they may be compared at Basic and above. Detail may not sum to totals because of rounding. The shaded bars are graphed using unrounded numbers. Significance tests used a multiple-comparison procedure based on all jurisdictions that participated.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2005 Science Assessment.

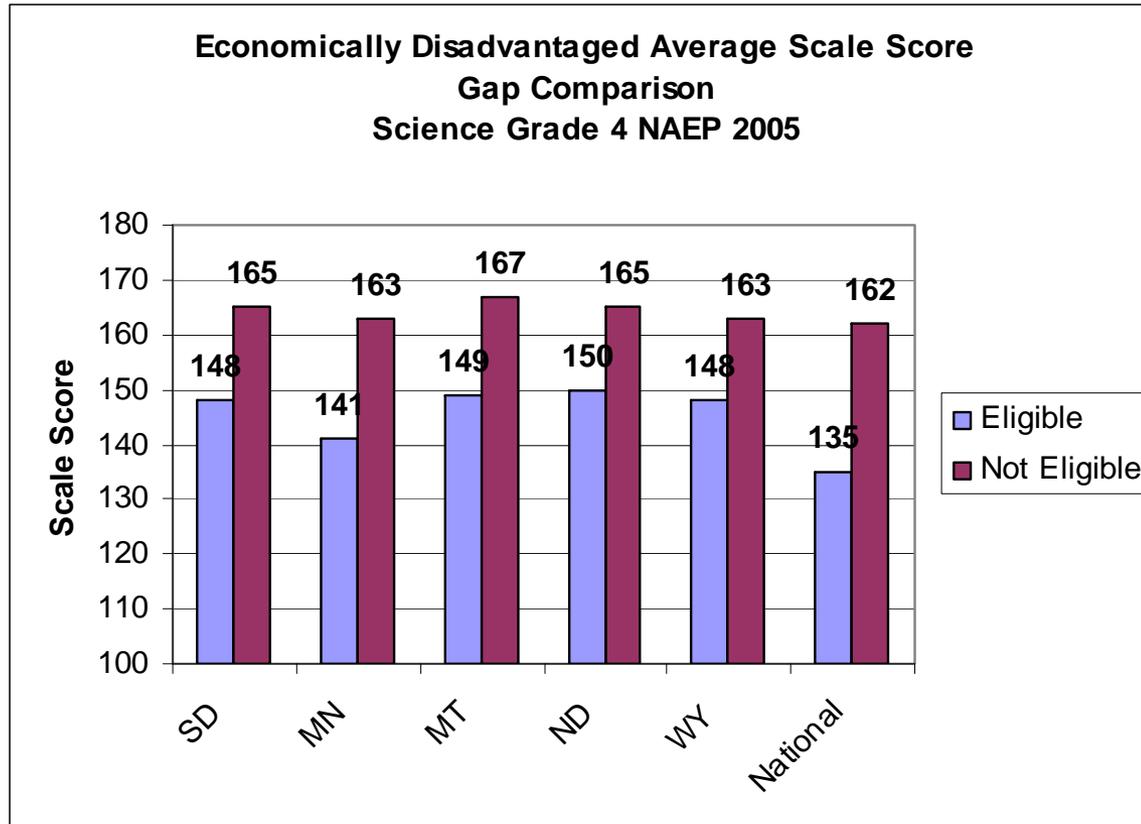
2005 National Comparison Achievement Levels – Grade 8 Science



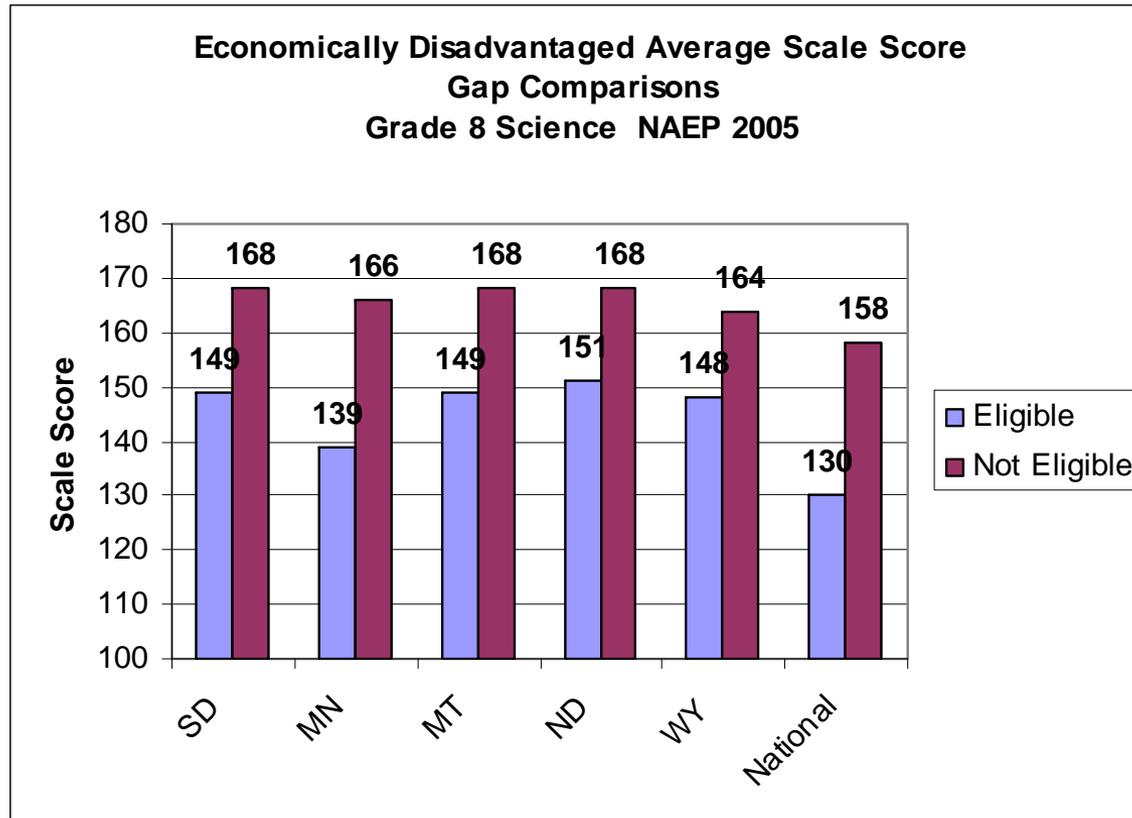
¹ Department of Defense Education Activity schools (domestic and overseas).
NOTE: The bars above contain percentages of students in each NAEP science achievement level. Achievement levels corresponding to each population of students are aligned at the point where the Basic category begins, so that they may be compared at Basic and above. Detail may not sum to totals because of rounding. The shaded bars are graphed using unrounded numbers. Significance tests used a multiple-comparison procedure based on all jurisdictions that participated.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2005 Science Assessment.

Regional Comparisons

Economically Disadvantaged

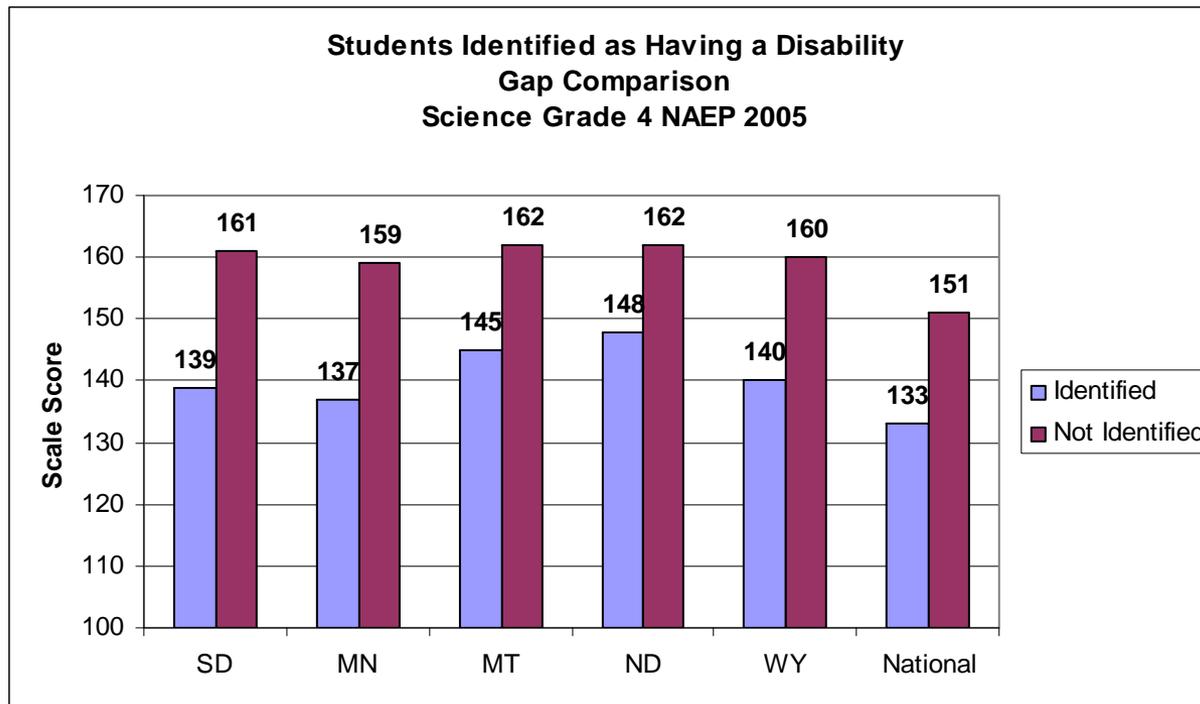


Regional Comparisons Economically Disadvantaged



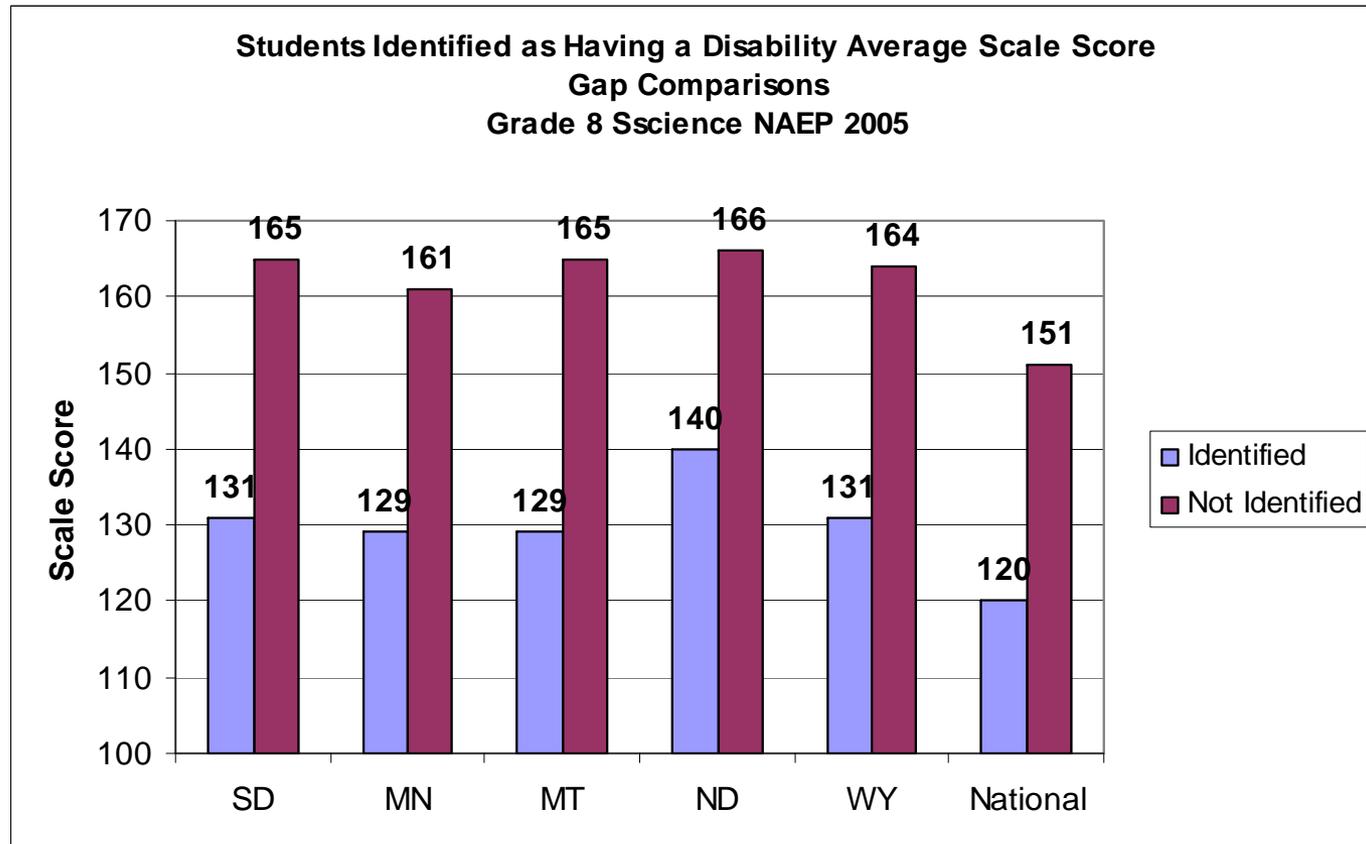
Regional Comparisons

Students Identified as Having a Disability



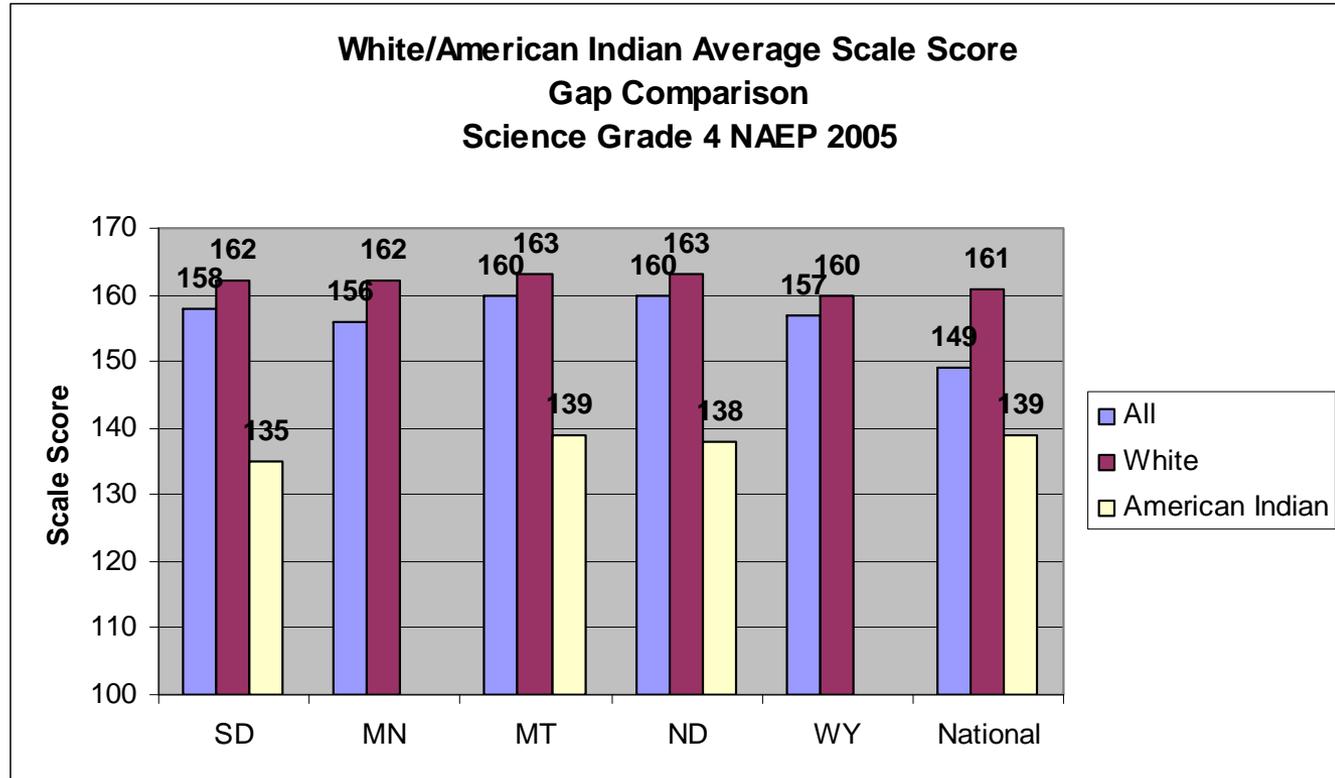
Regional Comparisons

Students Identified as Having a Disability

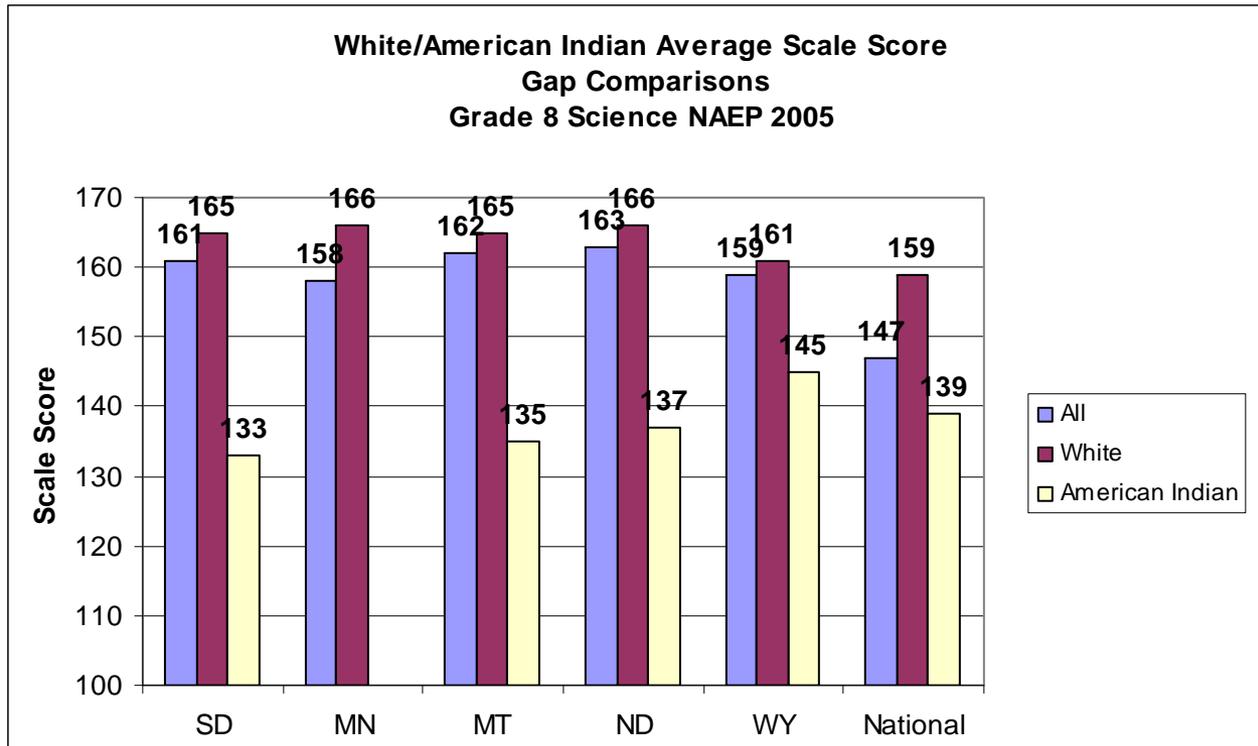


Regional Comparisons

White/American Indian



Regional Comparisons White/American Indian

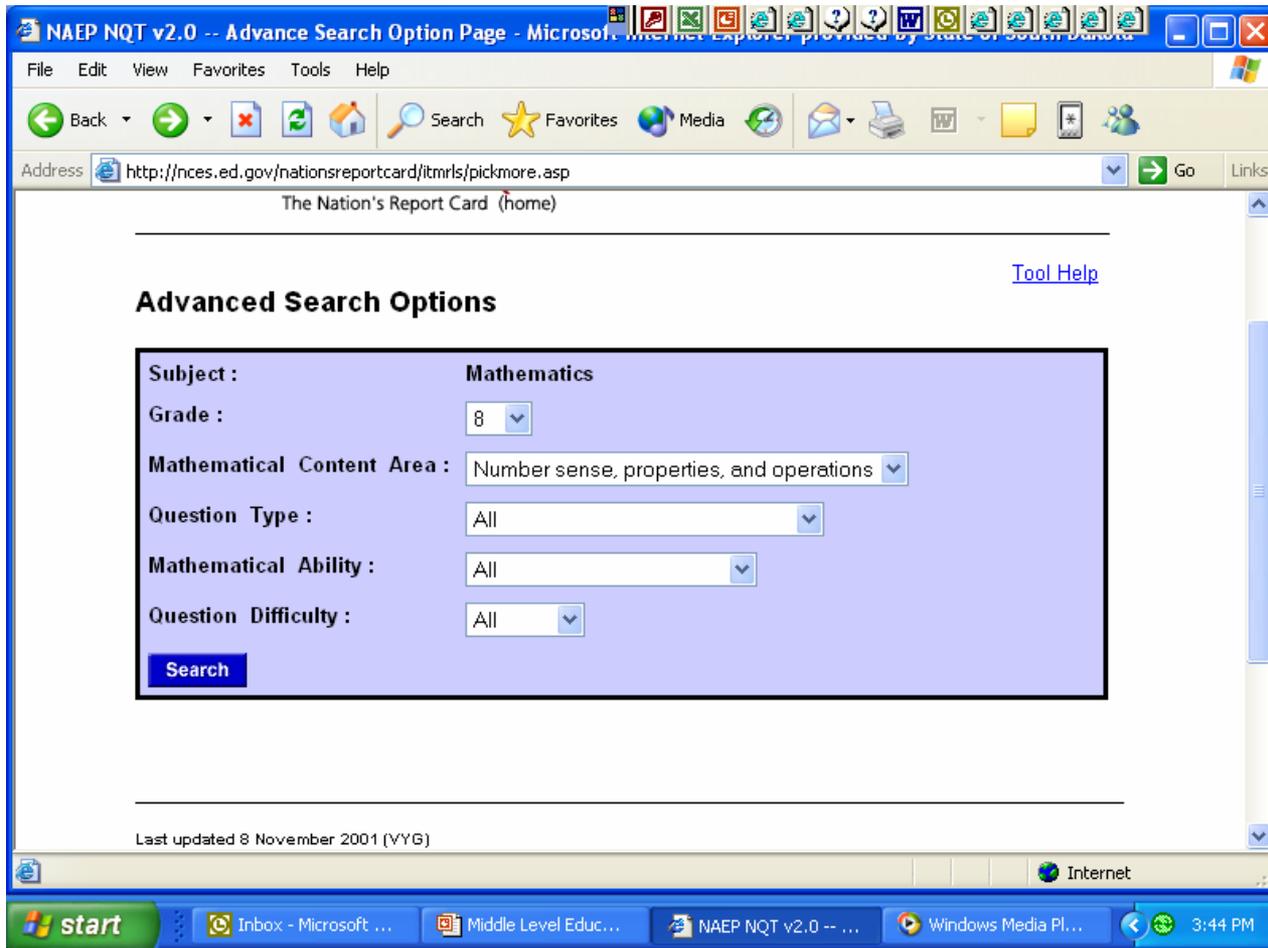




Part 4

NAEP Question Tool

NAEP Questions Tool Search Options



The screenshot shows a web browser window titled "NAEP NQT v2.0 -- Advance Search Option Page". The address bar shows the URL "http://nces.ed.gov/nationsreportcard/itmrls/pickmore.asp". The page content includes a "Tool Help" link and a section titled "Advanced Search Options". This section contains several search filters:

- Subject :** Mathematics
- Grade :** 8
- Mathematical Content Area :** Number sense, properties, and operations
- Question Type :** All
- Mathematical Ability :** All
- Question Difficulty :** All

A "Search" button is located below these filters. At the bottom of the page, it says "Last updated 8 November 2001 (VYG)". The Windows taskbar at the bottom shows the time as 3:44 PM and includes icons for the Start button, an email inbox, a middle-level education page, the current NAEP NQT v2.0 window, and Windows Media Player.

NAEP Questions Tool – Number Sense

Released Items

NAEP NQT v2.0 -- Search Results - Microsoft Internet Exp

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmrls/search.asp> Go Links

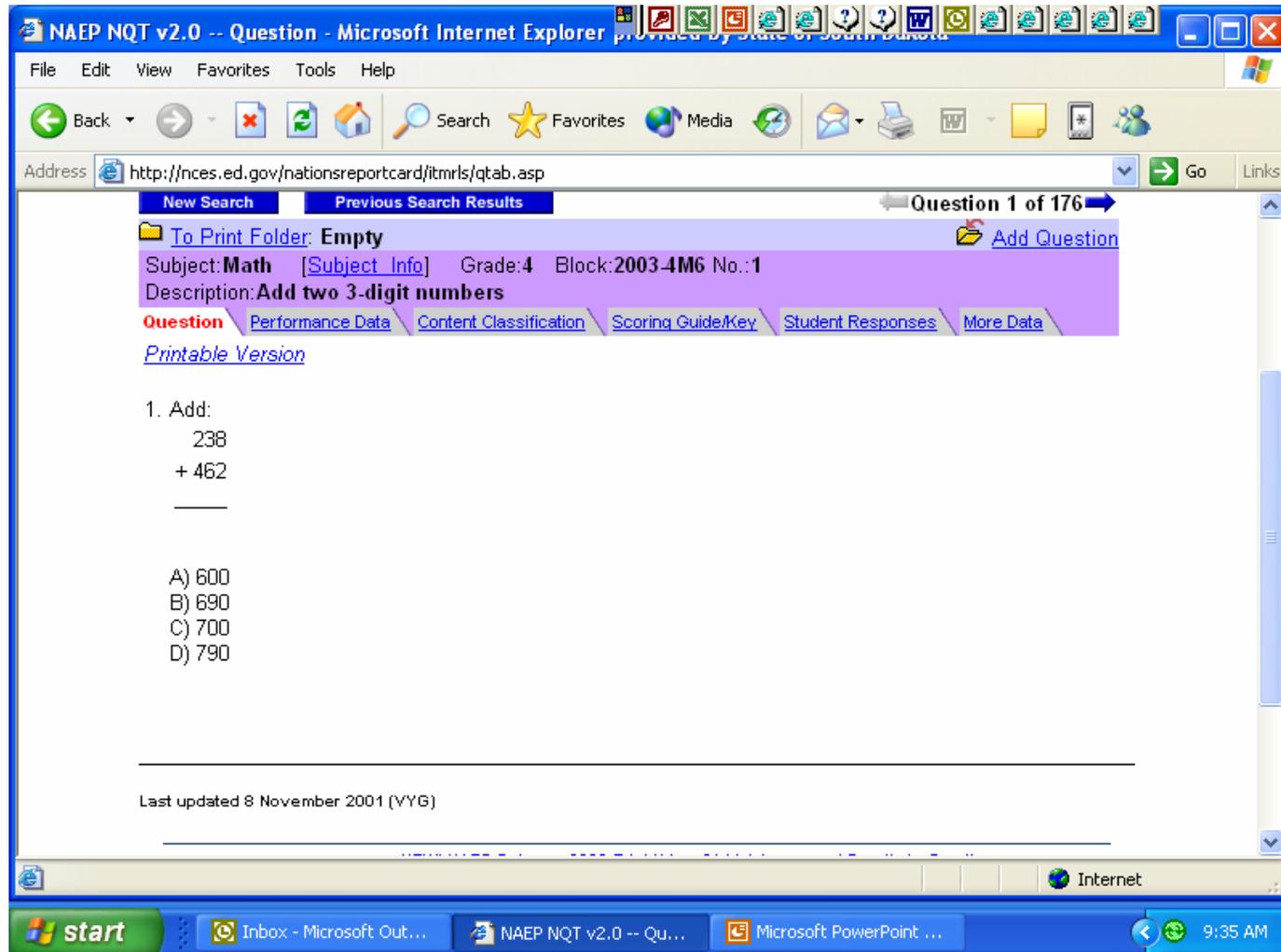
Subject: **Mathematics** [[Subject Info](#)] Grade: **8**

1-20 | [21-40](#) | [41-60](#) | [61-62](#)

	Subject	Grade	Description	Year/Block	No.	In Folder
1	Math	8 (4,12)	Add two 3-digit numbers	2003-8M6	01	<input type="checkbox"/>
2	Math	8 (4,12)	Identify picture model of 3/4	2003-8M6	02	<input type="checkbox"/>
3	Math	8 (4,12)	Solve a multi-step money word problem	2003-8M6	07	<input type="checkbox"/>
4	Math	8 (4,12)	Identify solution method that uses multiplication	2003-8M6	09	<input type="checkbox"/>
5	Math	8 (4,12)	Given a context, identify a multiple of 6	2003-8M6	11	<input type="checkbox"/>
6	Math	8 (4,12)	Solve a multi-step word problem	2003-8M6	12	<input type="checkbox"/>
7	Math	8 (4,12)	Show where 3/4 is on a number line	2003-8M6	16	<input type="checkbox"/>
8	Math	8 (4,12)	Solve a word problem with simple fractions	2003-8M6	17	<input type="checkbox"/>
9	Math	8 (4,12)	Use a scale to find a distance between two points	2003-8M6	19	<input type="checkbox"/>
10	Math	8 (12)	Solve a money word problem	2003-8M7	02	<input type="checkbox"/>
11	Math	8 (12)	Compare percent reduction	2003-8M7	06	<input type="checkbox"/>
12	Math	8 (12)	Solve problem using multiplication and division	2003-8M7	09	<input type="checkbox"/>
13	Math	8 (12)	Identify counterexample for statement	2003-8M7	11	<input type="checkbox"/>
14	Math	8 (12)	Identify decimal for scientific notation	2003-8M7	16	<input type="checkbox"/>
15	Math	8	Divide a 3-digit number by a 2-digit number	2003-8M10	01	<input type="checkbox"/>
16	Math	8	Multiply a decimal by 100	2003-8M10	02	<input type="checkbox"/>
17	Math	8	Solve a problem involving remainders	2003-8M10	05	<input type="checkbox"/>
18	Math	8	Identify equivalent ratio	2003-8M10	10	<input type="checkbox"/>
19	Math	8	Round to Thousands Place	1996-8M3	01	<input type="checkbox"/>

Done Internet

NAEP Question Tool – Number Sense Grade 4 Test Question



NAEP NQT v2.0 -- Question - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmrls/qtab.asp> Go Links

New Search Previous Search Results Question 1 of 176

To Print Folder: Empty Add Question

Subject: **Math** [Subject Info] Grade: 4 Block: 2003-4M6 No.: 1
Description: **Add two 3-digit numbers**

Question Performance Data Content Classification Scoring Guide/Key Student Responses More Data

[Printable Version](#)

1. Add:

$$\begin{array}{r} 238 \\ + 462 \\ \hline \end{array}$$

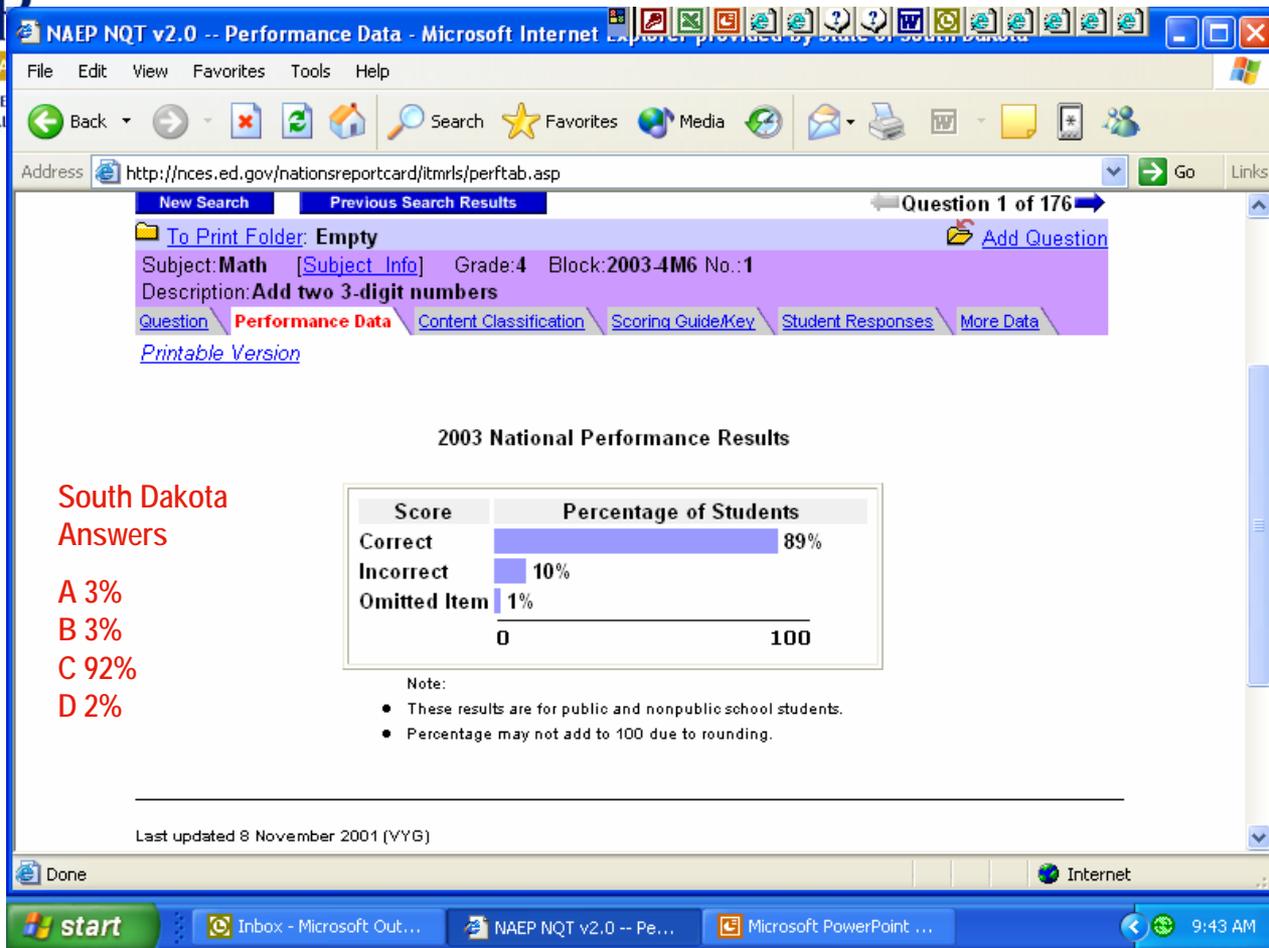
A) 600
B) 690
C) 700
D) 790

Last updated 8 November 2001 (YYG)

Internet

start Inbox - Microsoft Out... NAEP NQT v2.0 -- Qu... Microsoft PowerPoint ... 9:35 AM

NAEP Questions Tool – Number Sense Grade 4



NAEP NQT v2.0 -- Performance Data - Microsoft Internet Explorer, provided by State of South Dakota

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Refresh Print Mail Stop

Address <http://nces.ed.gov/nationsreportcard/itmrts/perftab.asp> Go Links

New Search Previous Search Results Question 1 of 176

To Print Folder: Empty Add Question

Subject: **Math** [Subject Info] Grade: 4 Block: 2003-4M6 No.: 1

Description: **Add two 3-digit numbers**

[Question](#) [Performance Data](#) [Content Classification](#) [Scoring Guide/Key](#) [Student Responses](#) [More Data](#)

[Printable Version](#)

2003 National Performance Results

South Dakota Answers

Score	Percentage of Students
Correct	89%
Incorrect	10%
Omitted Item	1%
	0 100

Note:

- These results are for public and nonpublic school students.
- Percentage may not add to 100 due to rounding.

Last updated 8 November 2001 (VYG)

Done Internet

start Inbox - Microsoft Out... NAEP NQT v2.0 -- Pe... Microsoft PowerPoint ... 9:43 AM

NAEP Questions Tool – Number Sense Grade 4

More Data

NAEP NQT v2.0 -- More Data - Microsoft Internet Explorer

Address: <http://nces.ed.gov/nationsreportcard/itmls/mdtab.asp>

Question 1 of 176

To Print Folder: Empty

Subject: **Math** [Subject Info] Grade: 4 Block: 2003-4M6 No.: 1

Description: **Add two 3-digit numbers**

[Question](#) / [Performance Data](#) / [Content Classification](#) / [Scoring Guide/Key](#) / [Student Responses](#) / **[More Data](#)**

[Printable Version](#) [View Cross-State Data](#)

National/Mathematics Composite/Accommodations Permitted/Grade 4/2003

Add two 3-digit numbers (M017401)

Average Scale Score and Row Percentage (with Standard Errors)

Overall Performance

	A				B				C*				D			
	Avg. N	Score (S.E.)	Row Pct. (S.E.)	Avg. Score (S.E.)	Row Pct. (S.E.)											
-- TOTAL --	38969	217	1.3%	217	1.0%	237	0.4%	210	0.2%	210	2.3%	212	2.3%			

ACHIEVEMENT LEVEL

	A				B				C*				D			
	Avg. N	Score (S.E.)	Row Pct. (S.E.)	Avg. Score (S.E.)	Row Pct. (S.E.)											
Advanced	1370	---	1%	---	2%	0.5%	291	0.5%	97%	0.7%	---	0%	---			
Proficient	10352	260	2%	262	0.8%	262	0.2%	262	0.2%	95%	0.3%	---	1%			
Basic	17307	229	3%	230	0.7%	230	0.1%	230	0.1%	94%	0.4%	229	1.5%			

Done Internet

start | Inbox - Microsoft ... | 1 Reminder | NAEP NQT v2.0 -- ... | Microsoft PowerPo... | 9:45 AM

NAEP Questions tool – Number Sense Grade 4

Cross State Data

NAEP NQT v2.0 -- More Data - Microsoft Internet Explorer

Address: <http://nces.ed.gov/nationsreportcard/itmlrs/mdtab.asp>

Description: **Add two 3-digit numbers**

[Question](#) / [Performance Data](#) / [Content Classification](#) / [Scoring Guide/Key](#) / [Student Responses](#) / [More Data](#)

[Printable Version](#) [View National Data](#)

National Public/Mathematics Composite/Accommodations Permitted/Grade 4/2003

Add two 3-digit numbers (M017401)

Average Scale Score and Row Percentage (with Standard Errors)

Overall Performance

Jurisdiction	N	A		B		C*		D	
		Avg. Score (S.E.)	Row Pct. (S.E.)						
-- TOTAL --	37670	216 1.4	3% 0.1	216 0.9	6% 0.2	235 0.4	89% 0.3	208 1.6	1% 0.1
Alabama	702	---	5% 0.7	---	6% 1.1	226 1.6	86% 1.4	---	1% 0.4
Alaska	557	---	3% 0.6	---	9% 1.1	237 1.4	85% 1.5	---	2% 0.6
Arizona	808	---	4% 0.7	---	7% 1.0	230 1.7	87% 1.2	---	2% 0.6
Arkansas	648	---	4% 0.8	---	7% 1.1	231 1.4	87% 1.4	---	1% 0.4
California	1862	203 5.7	4% 0.5	208 3.9	5% 0.7	228 1.5	90% 1.2	---	0% 0.2
Colorado	733	---	4% 0.7	---	7% 1.2	237 1.4	87% 1.4	---	2% 0.5
Connecticut	671	---	3% 0.7	---	6% 1.0	241 1.4	88% 1.3	---	1% 0.5
Delaware	638	---	4% 0.6	---	6% 0.9	237 1.3	89% 1.1	---	1% 0.5
District of Columbia	546	---	8% 1.1	190 3.7	12% 1.5	207 1.5	75% 1.9	---	3% 0.8
Florida	715	---	3% 0.6	---	8% 1.1	236 1.4	87% 1.4	---	2% 0.6

Done Internet

start | Inbox - Microsoft ... | 1 Reminder | NAEP NQT v2.0 -- ... | Microsoft PowerPo... | 9:45 AM

NAEP Questions Tool Geometry Grade 8

Test Question

NAEP NQT v2.0 -- Question - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmrls/qtab.asp> Go Links

Subject: **math** [Subject Info] Grade: 8 Block: 2003-3M10 No.: 6

Description: **Form a parallelogram using shapes**

[Question](#) / [Performance Data](#) / [Content Classification](#) / [Scoring Guide/Key](#) / [Student Responses](#) / [More Data](#)
[Printable Version](#)

Questions 6-7 refer to the following information.



Triangles 1, 2, and 3 shown above can be rearranged with no overlap to form either of the following figures.



6. Draw lines on the figure below to show how triangles 1, 2, and 3 can be rearranged without overlap to form this parallelogram.



Internet

start | Inbox - Microsoft ... | 1 Reminder | NAEP NQT v2.0 -- ... | Microsoft PowerPo... | 9:49 AM

NAEP questions Tool – Geometry Grade 8 Correct and Incorrect Student Responses

NAEP NQT v2.0 -- Student Responses - Microsoft Internet

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmr/srtab.asp> Go Links

[New Search](#) [Previous Search Results](#) [Question 16 of 62](#)

To Print Folder: Empty [Add Question](#)

Subject: **Math** [[Subject Info](#)] Grade: **8** Block: **2003-8M10** No.: **6**

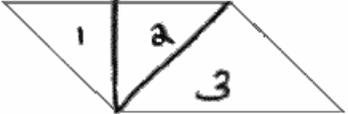
Description: **Form a parallelogram using shapes**

[Question](#) / [Performance Data](#) / [Content Classification](#) / [Scoring Guide/Key](#) / **Student Responses** / [More Data](#)

[Printable Version](#)

Correct - Student Response

6. Draw lines on the figure below to show how triangles 1, 2, and 3 can be rearranged without overlap to form this parallelogram.



Incorrect - Student Response

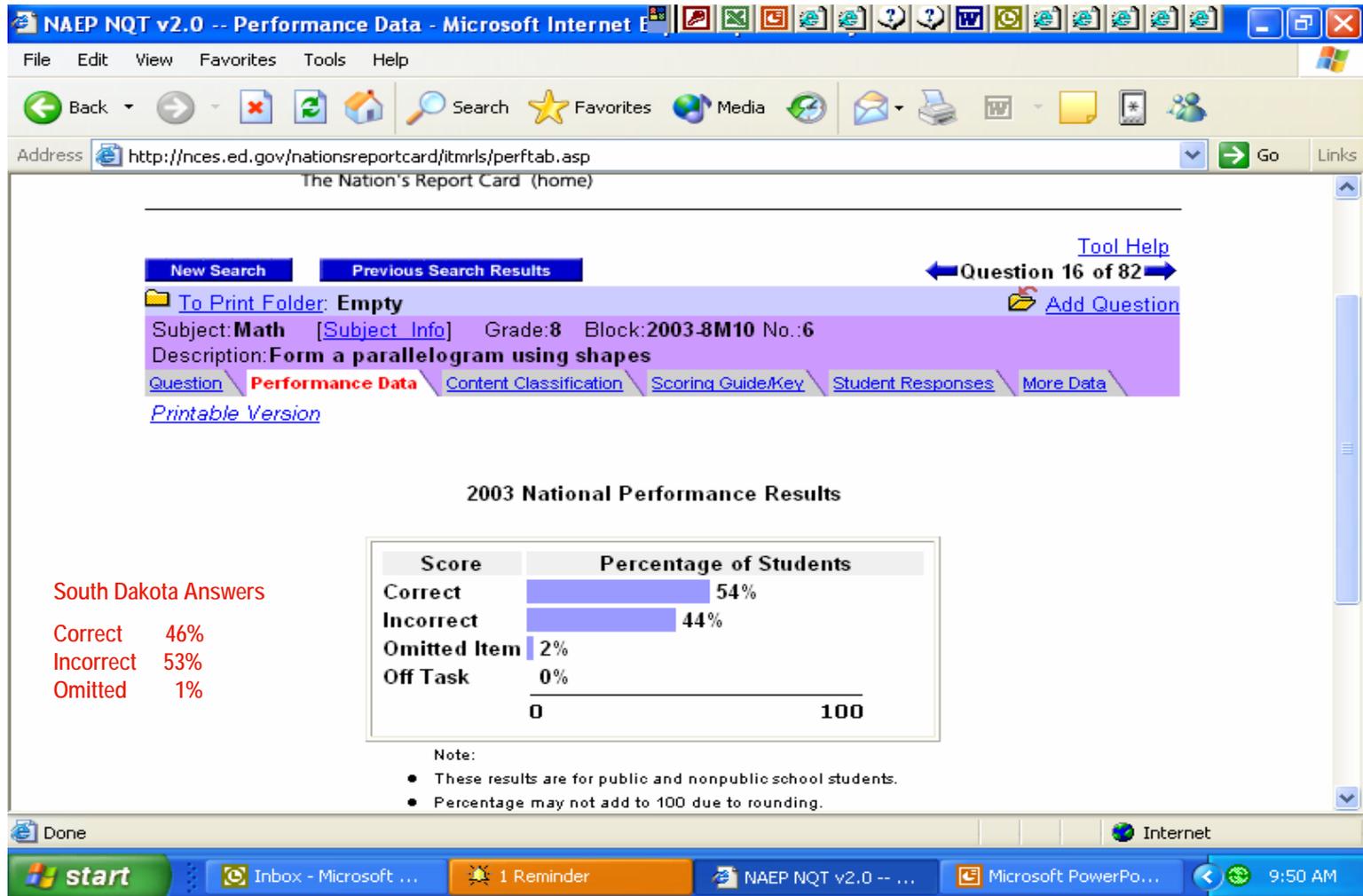
6. Draw lines on the figure below to show how triangles 1, 2, and 3 can be rearranged without overlap to form this parallelogram.



Done Internet

start | Inbox - Microsoft ... | 1 Reminder | NAEP NQT v2.0 -- ... | Microsoft PowerPo... | 9:51 AM

NAEP Questions Tool Geometry Grade 8 National and State %



NAEP NQT v2.0 -- Performance Data - Microsoft Internet Explorer

Address: <http://nces.ed.gov/nationsreportcard/itmrls/perftab.asp>
The Nation's Report Card (home)

← Question 16 of 82 →

Subject: Math [Subject Info] **Grade: 8** **Block: 2003-8M10** **No.: 6**
Description: Form a parallelogram using shapes

[Question](#) / [Performance Data](#) / [Content Classification](#) / [Scoring Guide/Key](#) / [Student Responses](#) / [More Data](#)
[Printable Version](#)

2003 National Performance Results

Score	Percentage of Students
Correct	54%
Incorrect	44%
Omitted Item	2%
Off Task	0%
0	100

South Dakota Answers

Correct	46%
Incorrect	53%
Omitted	1%

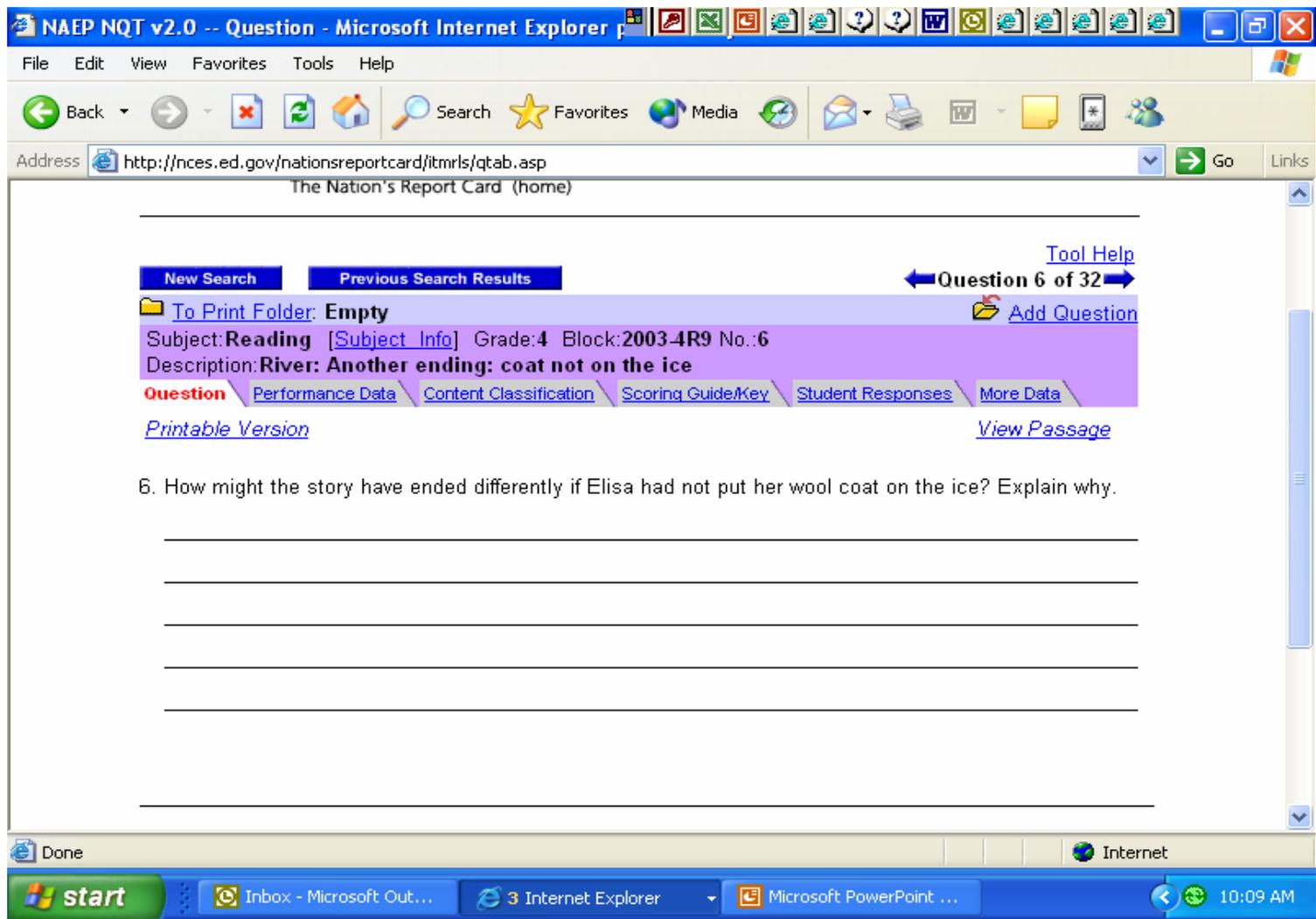
Note:

- These results are for public and nonpublic school students.
- Percentage may not add to 100 due to rounding.

Done Internet

start | Inbox - Microsoft ... | 1 Reminder | NAEP NQT v2.0 -- ... | Microsoft PowerPo... | 9:50 AM

NAEP Questions Tool – Reading for Literacy Experience Grade 4 Test Question



NAEP NQT v2.0 -- Question - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itnrls/qtab.asp> Go Links

The Nation's Report Card (home)

[New Search](#) [Previous Search Results](#) [Tool Help](#)

← Question 6 of 32 → [Add Question](#)

[To Print Folder: Empty](#)

Subject: **Reading** [\[Subject Info\]](#) Grade: 4 Block: 2003-4R9 No.: 6

Description: **River: Another ending: coat not on the ice**

[Question](#) [Performance Data](#) [Content Classification](#) [Scoring Guide/Key](#) [Student Responses](#) [More Data](#)

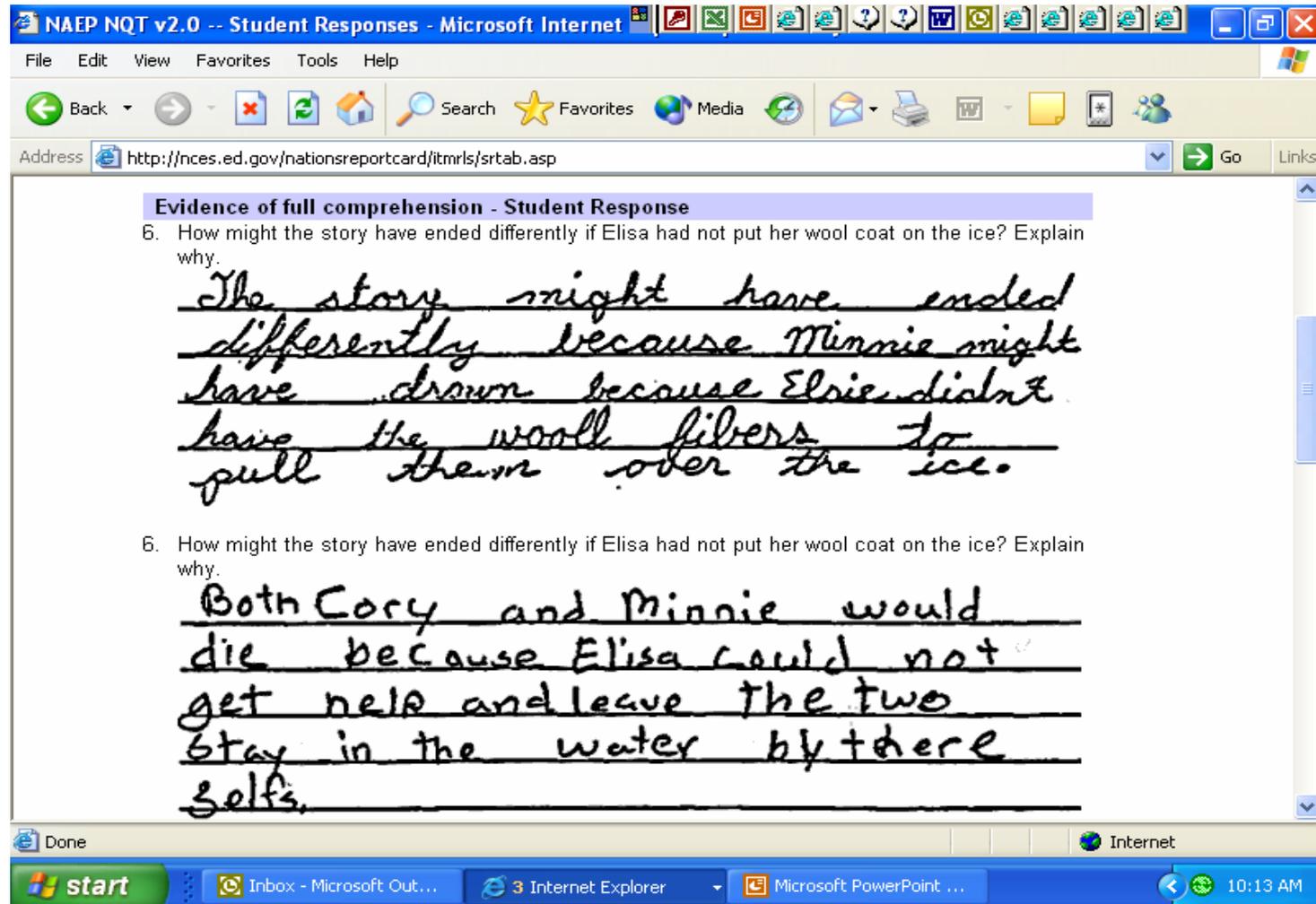
[Printable Version](#) [View Passage](#)

6. How might the story have ended differently if Elisa had not put her wool coat on the ice? Explain why.

Done Internet

start Inbox - Microsoft Out... 3 Internet Explorer Microsoft PowerPoint ... 10:09 AM

NAEP Questions Tool – Reading for Literacy Experience Grade 4 Correct Student Responses



NAEP NQT v2.0 -- Student Responses - Microsoft Internet

File Edit View Favorites Tools Help

Back Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmr/srtab.asp> Go Links

Evidence of full comprehension - Student Response

6. How might the story have ended differently if Elisa had not put her wool coat on the ice? Explain why.

The story might have ended differently because Minnie might have drown because Elsie didn't have the wool fibers to pull them over the ice.

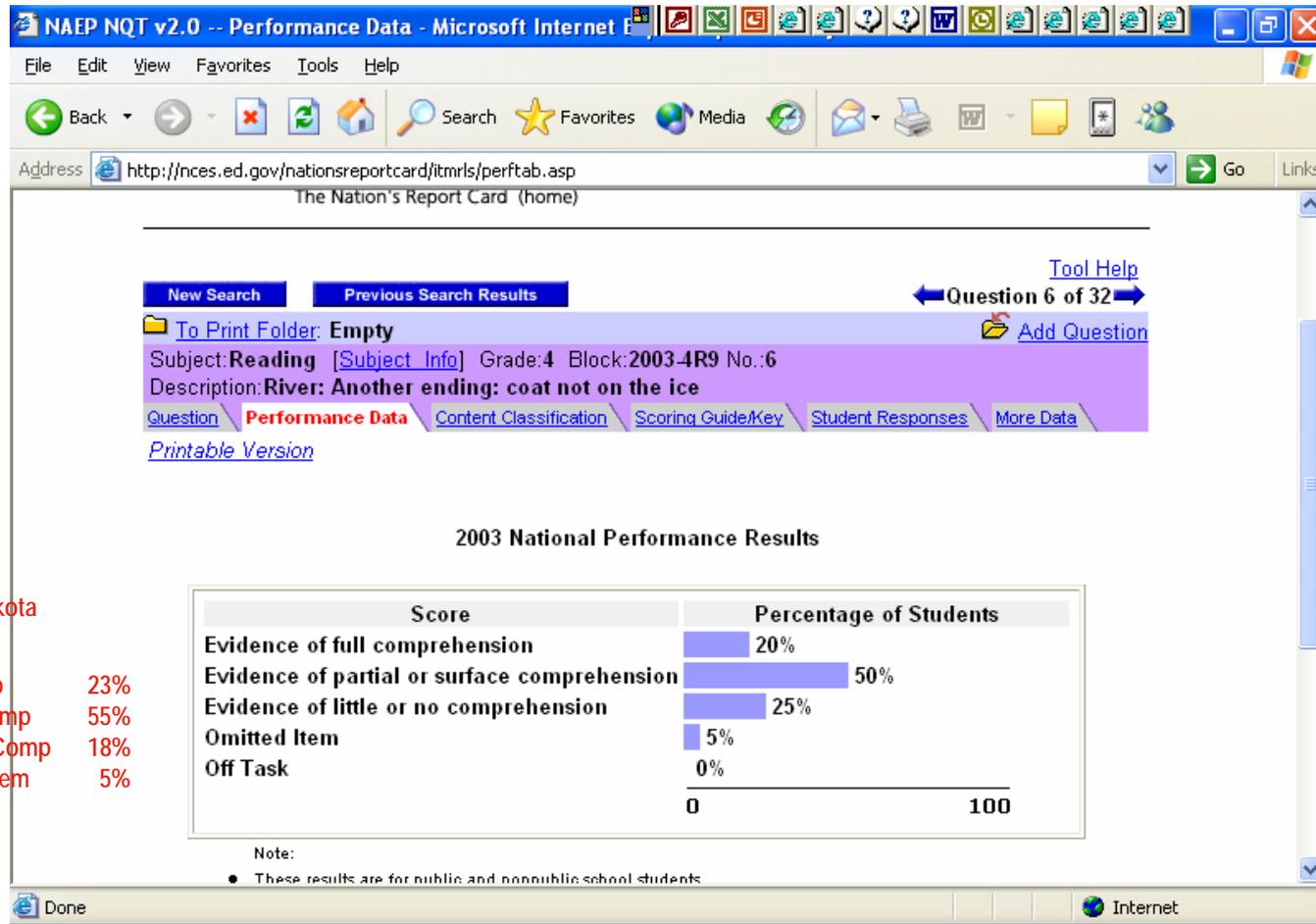
6. How might the story have ended differently if Elisa had not put her wool coat on the ice? Explain why.

Both Cory and Minnie would die because Elisa could not get help and leave the two stay in the water by there selfs.

Done Internet

start Inbox - Microsoft Out... 3 Internet Explorer Microsoft PowerPoint ... 10:13 AM

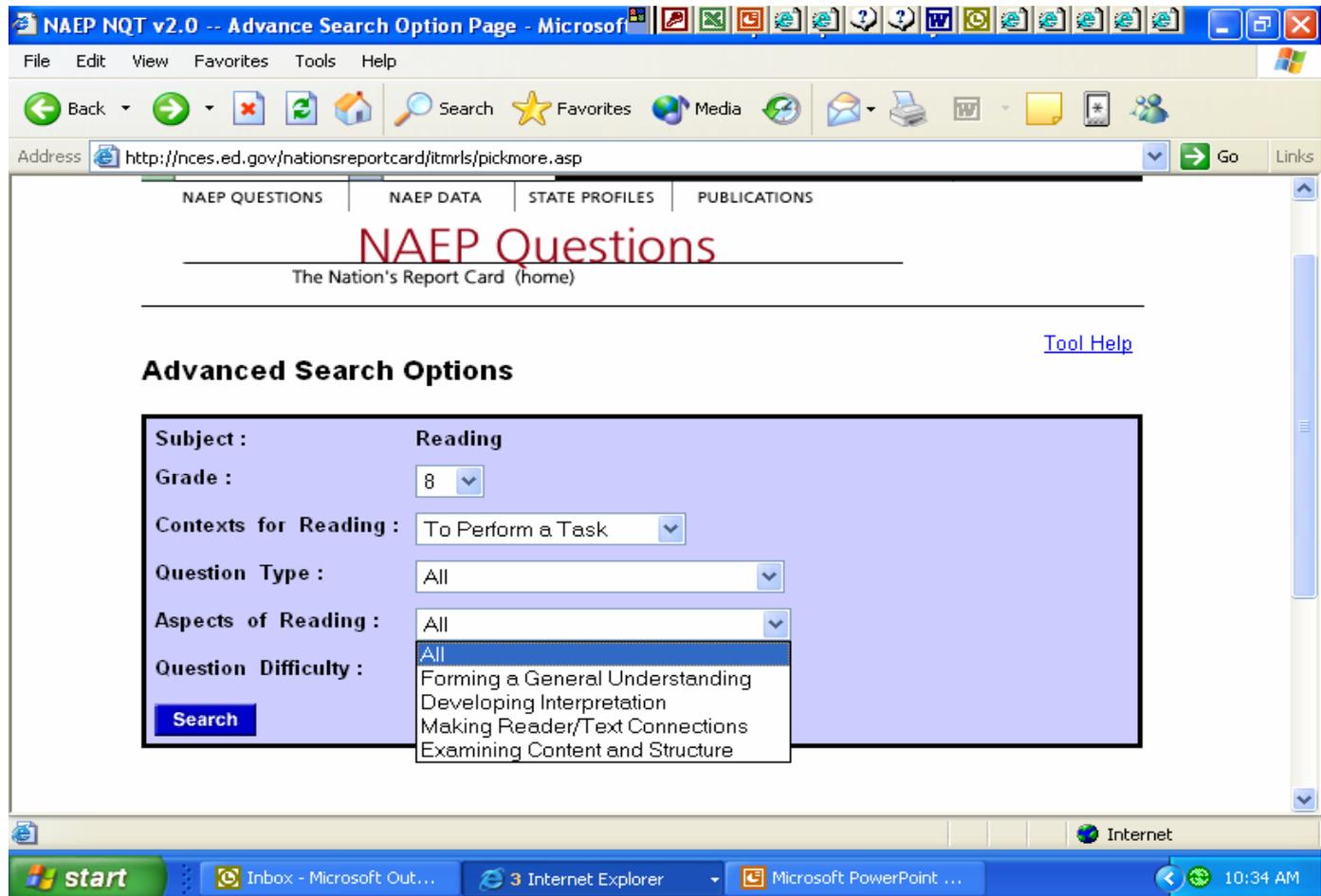
NAEP Questions Tool – Reading for Literacy Grade 4 National and State %



South Dakota
Answers

Full Comp 23%
 Partial Comp 55%
 Little/No Comp 18%
 Omitted Item 5%

NAEP Questions Tool – Reading Performing to a Task Grade 8 Search Options

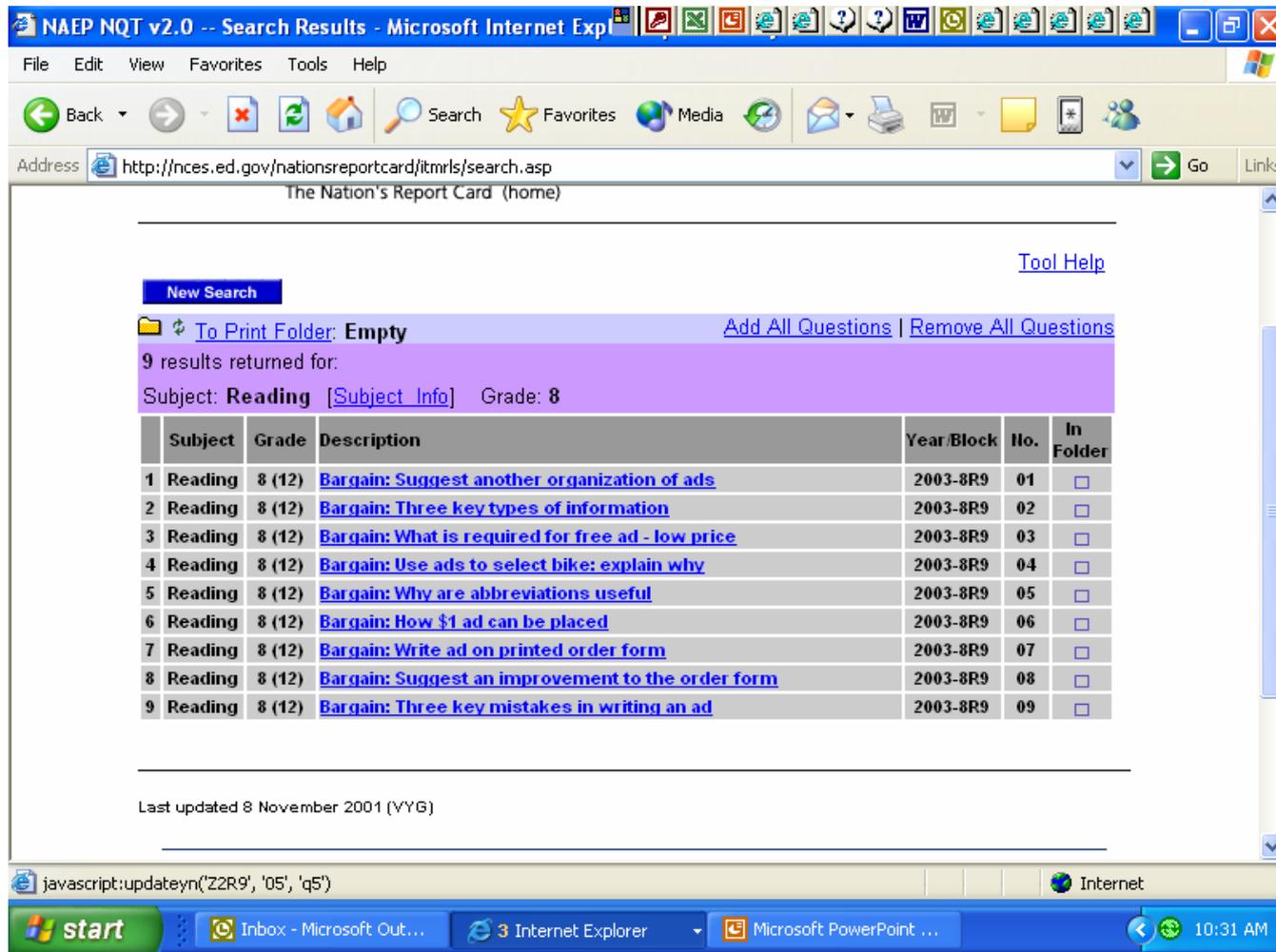


The screenshot shows a web browser window titled "NAEP NQT v2.0 -- Advance Search Option Page - Microsoft". The address bar shows the URL: <http://nces.ed.gov/nationsreportcard/itmrsl/pickmore.asp>. The page content includes a navigation menu with "NAEP QUESTIONS", "NAEP DATA", "STATE PROFILES", and "PUBLICATIONS". The main heading is "NAEP Questions" with the subtitle "The Nation's Report Card (home)". A "Tool Help" link is visible on the right. The "Advanced Search Options" section is highlighted with a blue background and contains the following fields:

- Subject :** Reading
- Grade :** 8
- Contexts for Reading :** To Perform a Task
- Question Type :** All
- Aspects of Reading :** All
- Question Difficulty :** All (with a dropdown menu open showing options: All, Forming a General Understanding, Developing Interpretation, Making Reader/Text Connections, Examining Content and Structure)

A "Search" button is located at the bottom left of the search form. The Windows taskbar at the bottom shows the Start button, several open applications (Inbox - Microsoft Out..., Internet Explorer, Microsoft PowerPoint ...), and the system clock showing 10:34 AM.

NAEP Questions Tool – Reading Performing to a Task Grade 8 Released Items



NAEP NQT v2.0 -- Search Results - Microsoft Internet Explorer

Address: <http://nces.ed.gov/nationsreportcard/itmrts/search.asp>

The Nation's Report Card (home)

[Tool Help](#)

New Search

[To Print Folder: Empty](#) [Add All Questions](#) | [Remove All Questions](#)

9 results returned for:
Subject: **Reading** [\[Subject Info\]](#) Grade: **8**

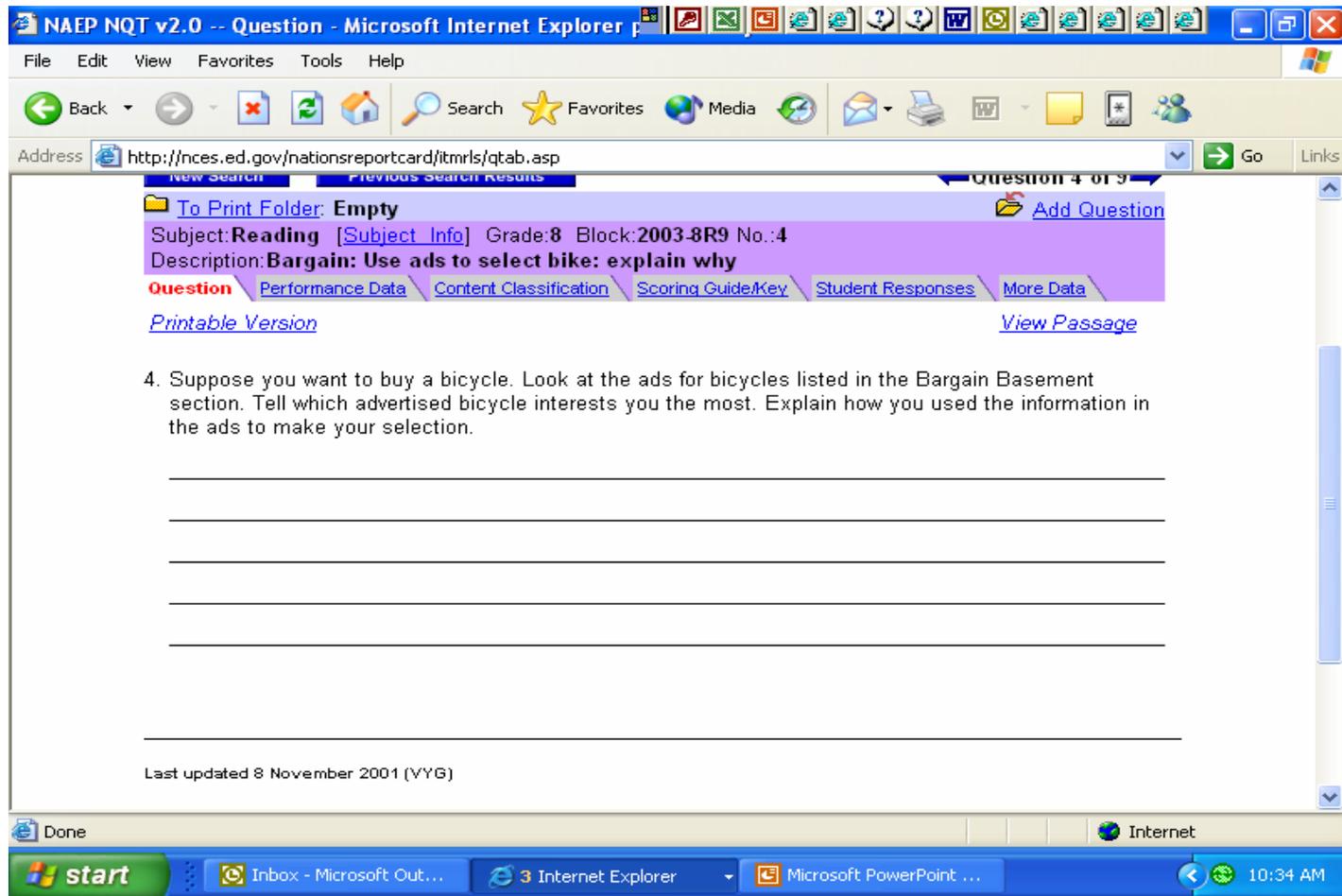
	Subject	Grade	Description	Year/Block	No.	In Folder
1	Reading	8 (12)	Bargain: Suggest another organization of ads	2003-8R9	01	<input type="checkbox"/>
2	Reading	8 (12)	Bargain: Three key types of information	2003-8R9	02	<input type="checkbox"/>
3	Reading	8 (12)	Bargain: What is required for free ad - low price	2003-8R9	03	<input type="checkbox"/>
4	Reading	8 (12)	Bargain: Use ads to select bike: explain why	2003-8R9	04	<input type="checkbox"/>
5	Reading	8 (12)	Bargain: Why are abbreviations useful	2003-8R9	05	<input type="checkbox"/>
6	Reading	8 (12)	Bargain: How \$1 ad can be placed	2003-8R9	06	<input type="checkbox"/>
7	Reading	8 (12)	Bargain: Write ad on printed order form	2003-8R9	07	<input type="checkbox"/>
8	Reading	8 (12)	Bargain: Suggest an improvement to the order form	2003-8R9	08	<input type="checkbox"/>
9	Reading	8 (12)	Bargain: Three key mistakes in writing an ad	2003-8R9	09	<input type="checkbox"/>

Last updated 8 November 2001 (VYG)

javascript:updateyn('Z2R9', '05', 'q5') Internet

start | Inbox - Microsoft Out... | 3 Internet Explorer | Microsoft PowerPoint ... | 10:31 AM

NAEP Questions Tool – Reading Performing to a Task Grade 8 Test Question



The screenshot shows a Microsoft Internet Explorer browser window displaying a NAEP question page. The address bar shows the URL: <http://nces.ed.gov/nationsreportcard/itmrts/qtab.asp>. The page content includes a search bar, a subject filter for 'Reading', and a question description: 'Bargain: Use ads to select bike: explain why'. The question text is: '4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.' Below the question text are several horizontal lines for writing an answer. The page footer indicates it was last updated on 8 November 2001.

NAEP NQT v2.0 -- Question - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Print Mail

Address <http://nces.ed.gov/nationsreportcard/itmrts/qtab.asp> Go Links

New Search Previous Search Results Question 4 of 9

To Print Folder: Empty Add Question

Subject: **Reading** [Subject Info] Grade: 8 Block: 2003-8R9 No.: 4

Description: **Bargain: Use ads to select bike: explain why**

Question Performance Data Content Classification Scoring Guide/Key Student Responses More Data

[Printable Version](#) [View Passage](#)

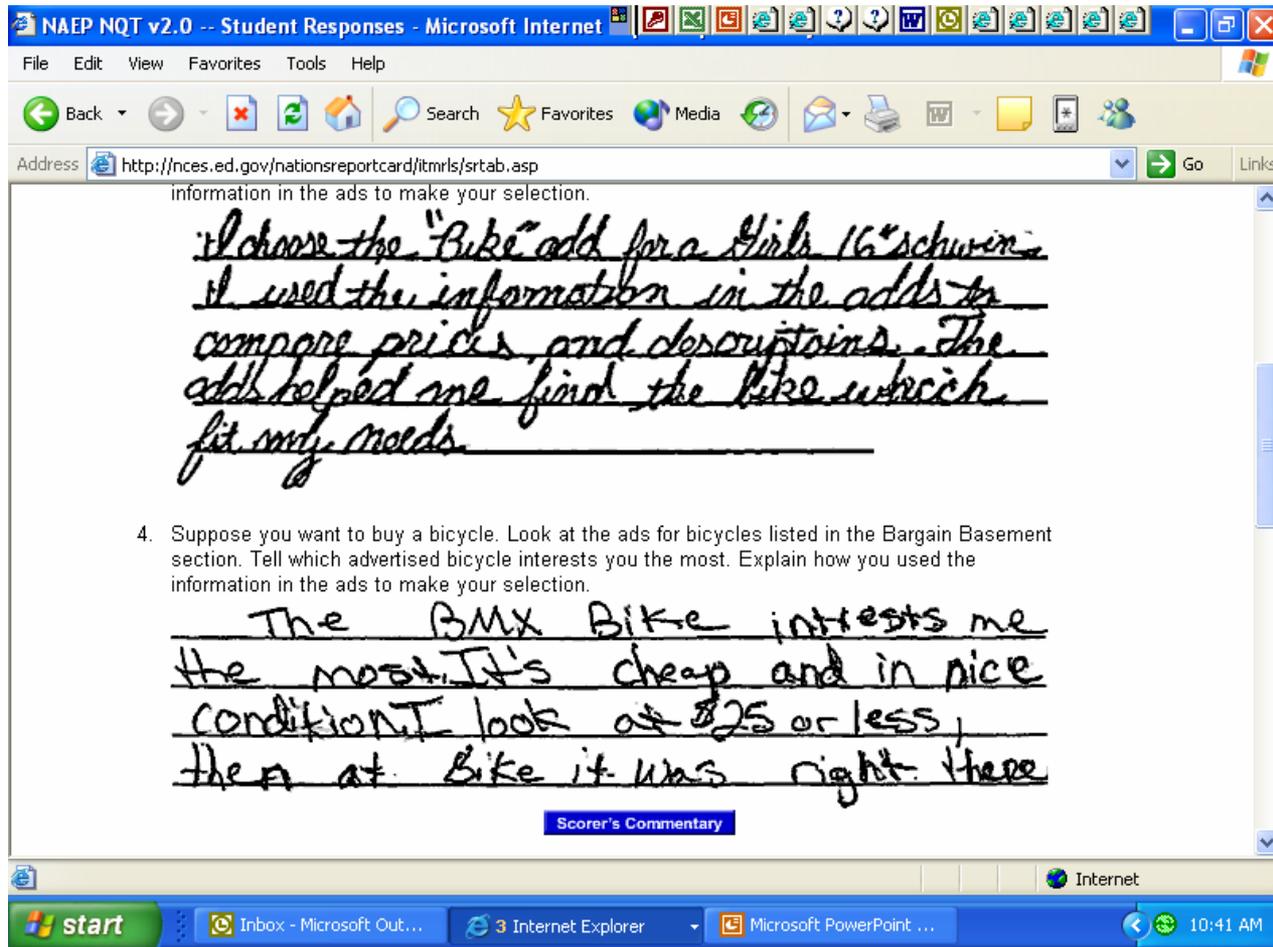
4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

Last updated 8 November 2001 (VYG)

Done Internet

start Inbox - Microsoft Out... 3 Internet Explorer Microsoft PowerPoint ... 10:34 AM

NAEP Questions Tool – Reading Performing to a Task Grade 8 Correct Student Responses



NAEP NQT v2.0 -- Student Responses - Microsoft Internet

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmr/srtab.asp> Go Links

information in the ads to make your selection.

*I choose the "Bike" ad for a Girls 16" schwin
I used the information in the ads to
compare prices and descriptions. The
ads helped me find the bike which
fit my needs.*

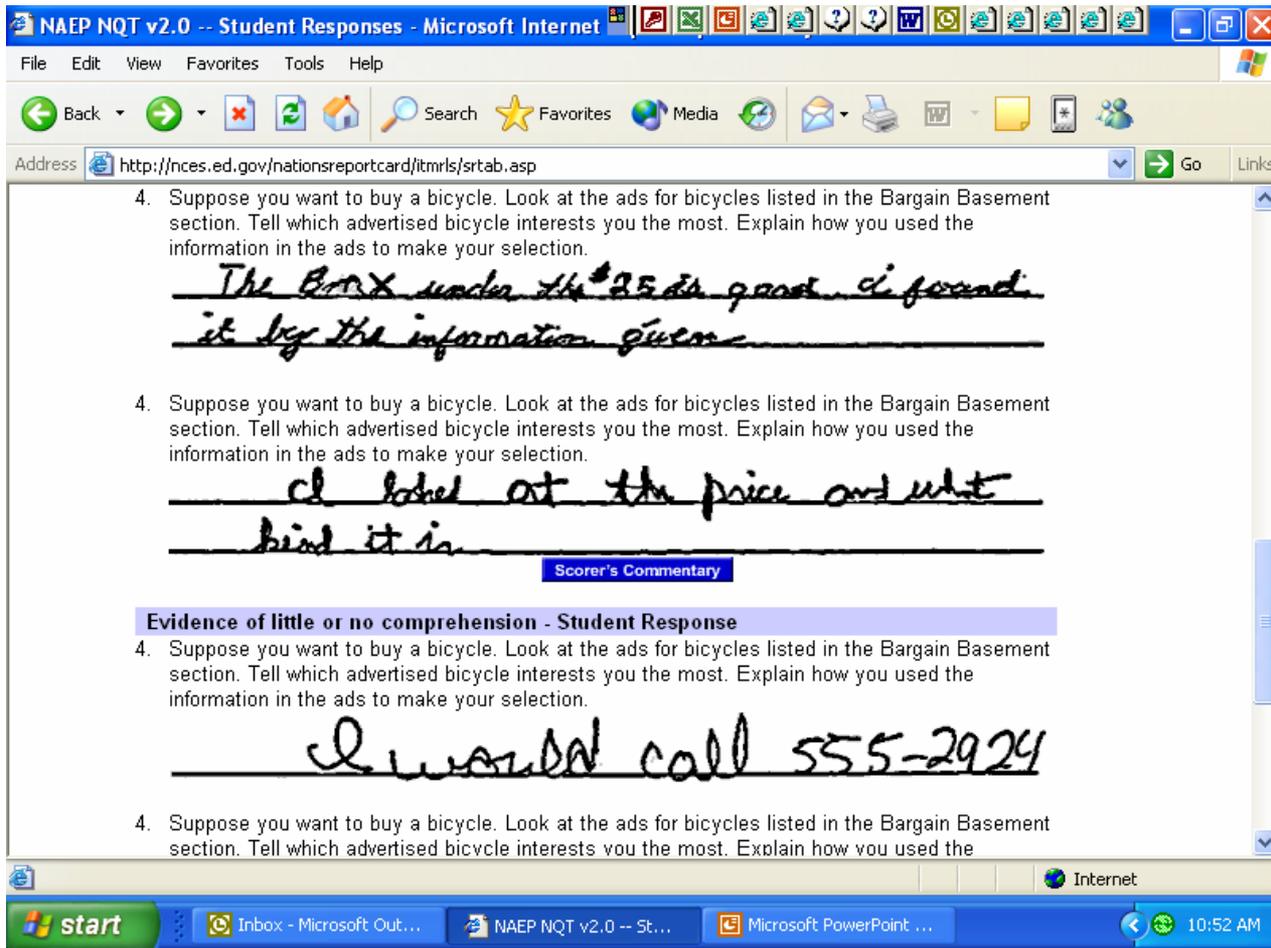
4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

*The BMX Bike interests me
the most. It's cheap and in nice
condition. I look at \$25 or less,
then at Bike it was right there*

Scorer's Commentary

start | Inbox - Microsoft Out... | 3 Internet Explorer | Microsoft PowerPoint ... | 10:41 AM

NAEP Questions Tool – Reading Performing to a Task Grade 8 Partially Correct Student Responses



NAEP NQT v2.0 -- Student Responses - Microsoft Internet

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <http://nces.ed.gov/nationsreportcard/itmr/srtab.asp> Go Links

4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

The Best under the \$25 is good. I found it by the information given

4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

I looked at the price and what kind it is

[Scorer's Commentary](#)

Evidence of little or no comprehension - Student Response

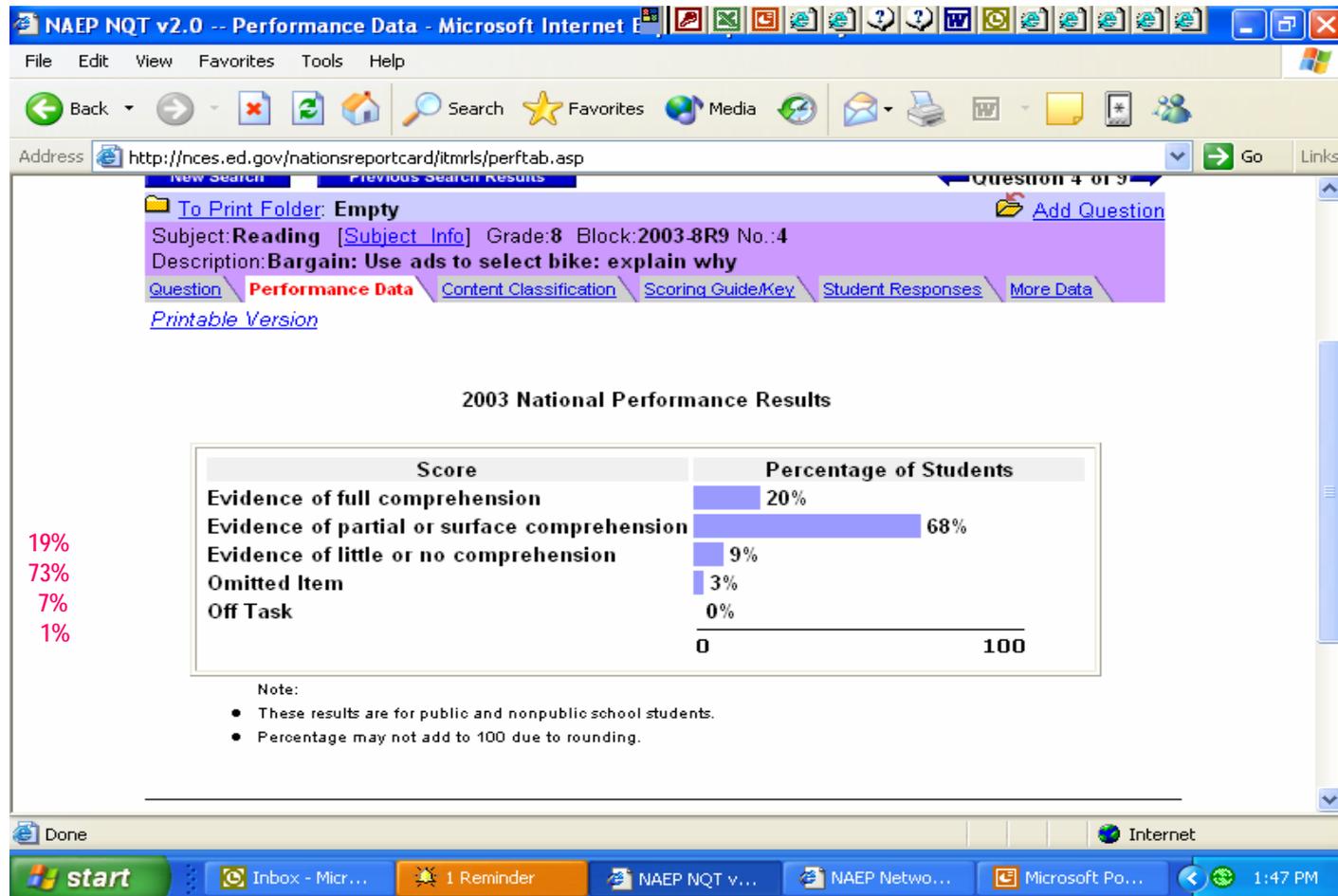
4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

I would call 555-2924

4. Suppose you want to buy a bicycle. Look at the ads for bicycles listed in the Bargain Basement section. Tell which advertised bicycle interests you the most. Explain how you used the information in the ads to make your selection.

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NAEP Questions Tool – Reading Performing to a Task Grade 8 National and State %



South Dakota
Answers

Full comp 19%
Partial comp 73%
Little/no comp 7%
Omitted Item 1%



Part 5

Additional Data Tables

Grade 4 Math State Data

Group	2003	2005	2007
All Students	237	242	241
Males	239	243	242
Females	235	240	240
White	241	245	245
Native American	217	221	218
Eligible for free/reduced lunch	227	232	230
Not Eligible for free/reduced lunch	244	249	247
Students classified as having a disability	219	225	225

Grade 4 Math – Regional States and Highest Score State

Jurisdiction	2003	2005	2007
Massachusetts	242	247	252
Minnesota	242	246	247
Wyoming	241	243	244
Montana	236	241	244
North Dakota	238	243	245
South Dakota	237	242	241
Iowa	238	240	243
Nebraska	236	238	238
National Public	234	237	239

Grade 8 Math – State Data

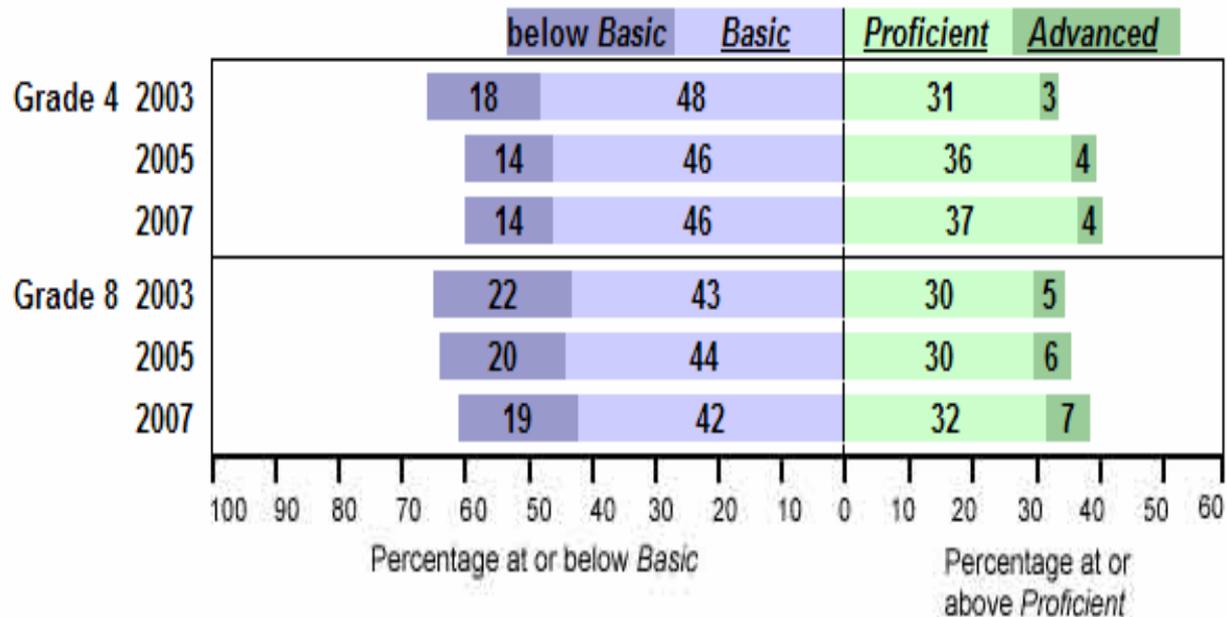
Group	2003	2005	2007
All Students	285	287	288
Males	286	287	290
Females	284	287	287
White	288	291	292
Native American	272	276	261
Eligible for free/reduced lunch	272	276	275
Not Eligible for free/reduced lunch	291	294	294
Students classified as having a disability	246	250	251

Grade 8 Math – Regional States and Highest Score State

Jurisdiction	2003	2005	2007
Massachusetts	287	292	298
Minnesota	291	290	292
Wyoming	284	282	287
Montana	286	286	287
North Dakota	287	287	292
South Dakota	285	287	288
Iowa	284	284	285
Nebraska	282	284	284
National Public	276	278	280

Achievement Levels for Mathematics, South Dakota

To compare the percentages of scores at or above any achievement level, simply click on the label for that level and the segments of the bars will realign accordingly.



Grade 4 Reading State Data

Group	2003	2005	2007
All Students	222	222	223
Males	220	219	220
Females	225	227	227
White	227	226	228
Native American	197	201	196
Eligible for free/reduced lunch	210	210	209
Not Eligible for free/reduced lunch	230	231	231
Students classified as having a disability	192	192	202*

Grade 4 Reading – Regional & Highest Scoring State

Jurisdiction	2003	2005	2007
Massachusetts	228	231	236
Minnesota	223	225	225
Wyoming	222	223	225
Montana	223	225	227
North Dakota	222	225	226
South Dakota	222	222	223
Iowa	223	221	225
Nebraska	221	221	223
National Public	216	217	220

Grade 8 Reading State Data

Group	2003	2005	2007
All Students	270	269	270
Males	265	264	266
Females	275	273	274
White	273	272	272
Native American	246	245	249
Eligible for free/reduced lunch	261	259	259
Not Eligible for free/reduced lunch	274	274	274
Students classified as having a disability	231	228	230

Grade 8 Reading Regional & Highest Scoring State

Jurisdiction	2003	2005	2007
Massachusetts	273	274	273
Minnesota	268	268	268
Wyoming	267	268	266
Montana	270	269	271
North Dakota	270	270	268
South Dakota	270	269	270
Iowa	268	267	267
Nebraska	266	267	267
National Public	261	260	261

Achievement Levels for Reading, South Dakota

To compare the percentages of scores at or above any achievement level, simply click on the label for that level and the segments of the bars will realign accordingly.

