



NAEP

FLORIDA

NATIONAL ASSESSMENT
OF EDUCATIONAL
PROGRESS

**2019
National Assessment of Educational Progress
Grade 8 Mathematics Results**



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Achievement Level Descriptions
NAEP Grade 8 Mathematics (Scale Score Range: 0-500)

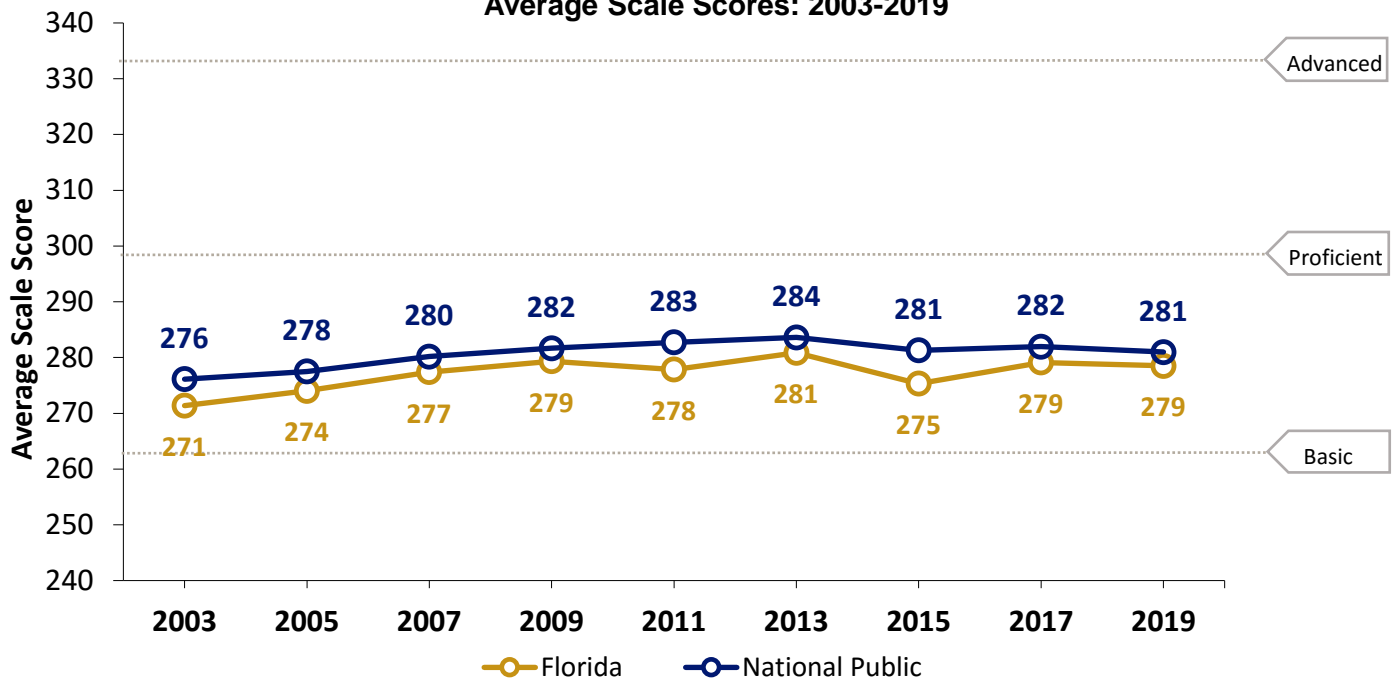
<p>NAEP Basic (262)</p>	<p>Eighth-grade students performing at the <i>NAEP Basic</i> level should exhibit evidence of conceptual and procedural understanding in the five NAEP content areas (number properties and operations; measurement; geometry; data analysis, statistics, and probability; algebra). This level of performance signifies an understanding of arithmetic operations—including estimation—on whole numbers, decimals, fractions, and percents.</p> <p>Eighth-graders performing at the <i>NAEP Basic</i> level should complete problems correctly with the help of structural prompts such as diagrams, charts, and graphs. They should be able to solve problems in all NAEP content areas through the appropriate selection and use of strategies and technological tools—including calculators, computers, and geometric shapes. Students at this level also should be able to use fundamental algebraic and informal geometric concepts in problem solving.</p> <p>As they approach the <i>NAEP Proficient</i> level, students at the <i>NAEP Basic</i> level should be able to determine which of the available data are necessary and sufficient for correct solutions and use them in problem solving. However, these eighth-graders show limited skill in communicating mathematically.</p>
<p>NAEP Proficient (299)</p>	<p>Eighth-grade students performing at the <i>NAEP Proficient</i> level should apply mathematical concepts and procedures consistently to complex problems in the five NAEP content areas (number properties and operations; measurement; geometry; data analysis, statistics, and probability; algebra).</p> <p>Eighth-graders performing at the <i>NAEP Proficient</i> level should be able to conjecture, defend their ideas, and give supporting examples. They should understand the connections between fractions, percents, decimals, and other mathematical topics such as algebra and functions. Students at this level are expected to have a thorough understanding of <i>NAEP Basic</i> level arithmetic operations—an understanding sufficient for problem solving in practical situations.</p> <p>Quantity and spatial relationships in problem solving and reasoning should be familiar to them, and they should be able to convey underlying reasoning skills beyond the level of arithmetic. They should be able to compare and contrast mathematical ideas and generate their own examples. These students should make inferences from data and graphs, apply properties of informal geometry, and accurately use the tools of technology. Students at this level should understand the process of gathering and organizing data and be able to calculate, evaluate, and communicate results within the domain of statistics and probability.</p>
<p>NAEP Advanced (333)</p>	<p>Eighth-grade students performing at the <i>NAEP Advanced</i> level should be able to reach beyond the recognition, identification, and application of mathematical rules in order to generalize and synthesize concepts and principles in the five NAEP content areas (number properties and operations; measurement; geometry; data analysis, statistics, and probability; algebra).</p> <p>Eighth-graders performing at the <i>NAEP Advanced</i> level should be able to probe examples and counterexamples in order to shape generalizations from which they can develop models. Eighth-graders performing at the <i>NAEP Advanced</i> level should use number sense and geometric awareness to consider the reasonableness of an answer. They are expected to use abstract thinking to create unique problem-solving techniques and explain the reasoning processes underlying their conclusions.</p>

Florida NAEP Results Summary: 2003-2019

Mathematics

Grade	Year	Average Scale Score	Percentage of Students by Achievement Level				Percentage At or Above NAEP Basic	Percentage At or Above NAEP Proficient
			Below NAEP Basic	At NAEP Basic	At NAEP Proficient	At NAEP Advanced		
8	2003	271	38	38	19	4	62	23
	2005	274	35	39	21	5	65	26
	2007	277	32	41	22	5	68	27
	2009	279	30	41	23	6	70	29
	2011	278	32	40	22	6	68	28
	2013	281	30	40	24	7	70	31
	2015	275	36	38	21	5	64	26
	2017	279	34	37	22	7	66	29
	2019	279	34	35	22	9	66	31

**NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019**



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

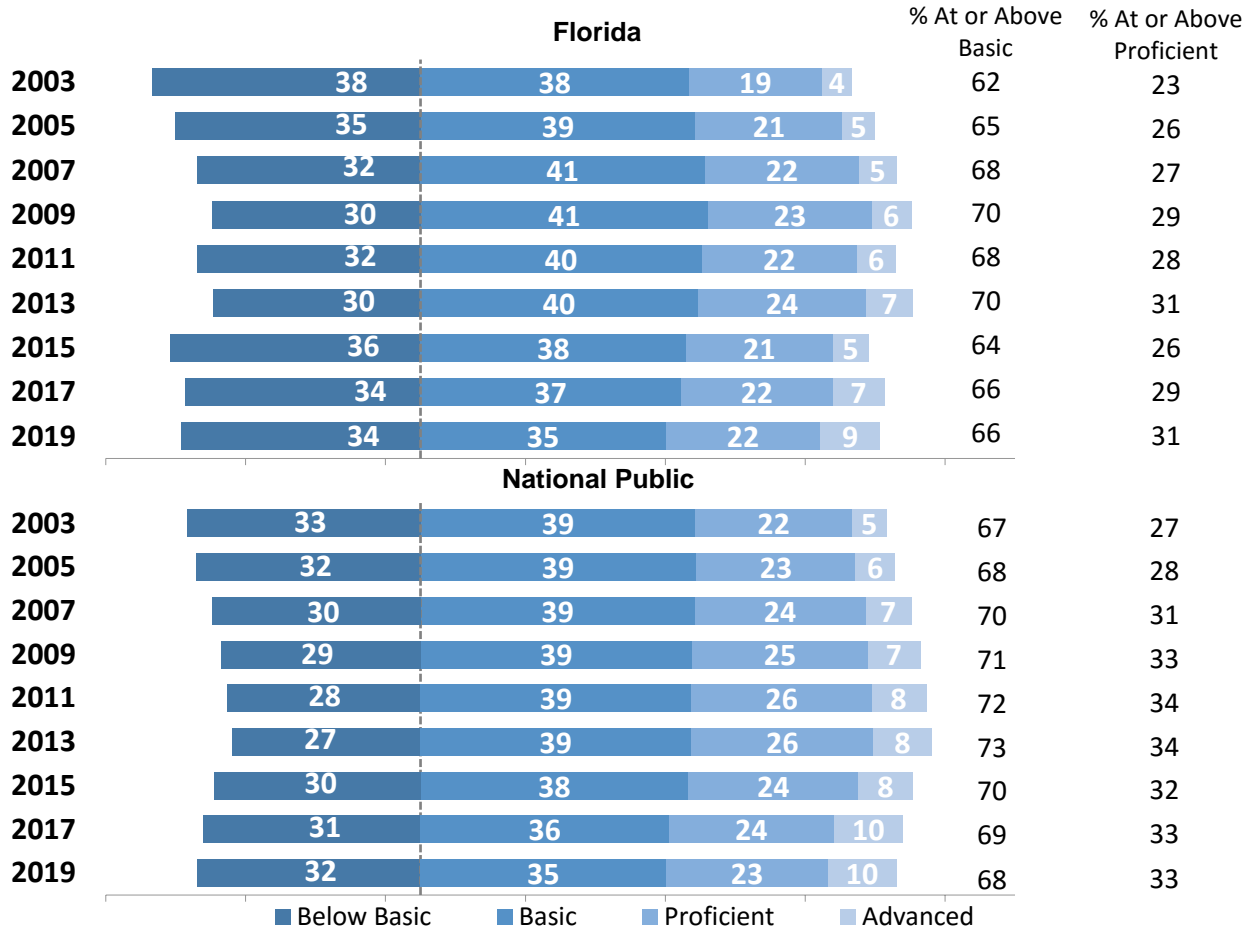
NAEP Grade 8 Mathematics
Average Scale Score Data - Florida (FL) and National Public (NP)

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida	271	274	277	279	278	281	275	279	279	↔ compared to 2017	↑7pts compared to 2003
FL Rank Among States	#38	#36	#35	#34	#42	#35	#42	#34	#35		
National Public	276	278	280	282	283	284	281	282	281	↓1pt compared to 2017	↑5pts compared to 2003
FL Compared to NP	↓	↓	↓	↓	↓	↓	↓	↓	↔		

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics
Achievement Level Percentages: 2003-2019**



NOTE: Observed differences are not necessarily statistically significant. Detail may not sum to totals due to rounding.

NAEP Grade 8 Mathematics
Achievement Level Data - Florida (FL) and National Public (NP)

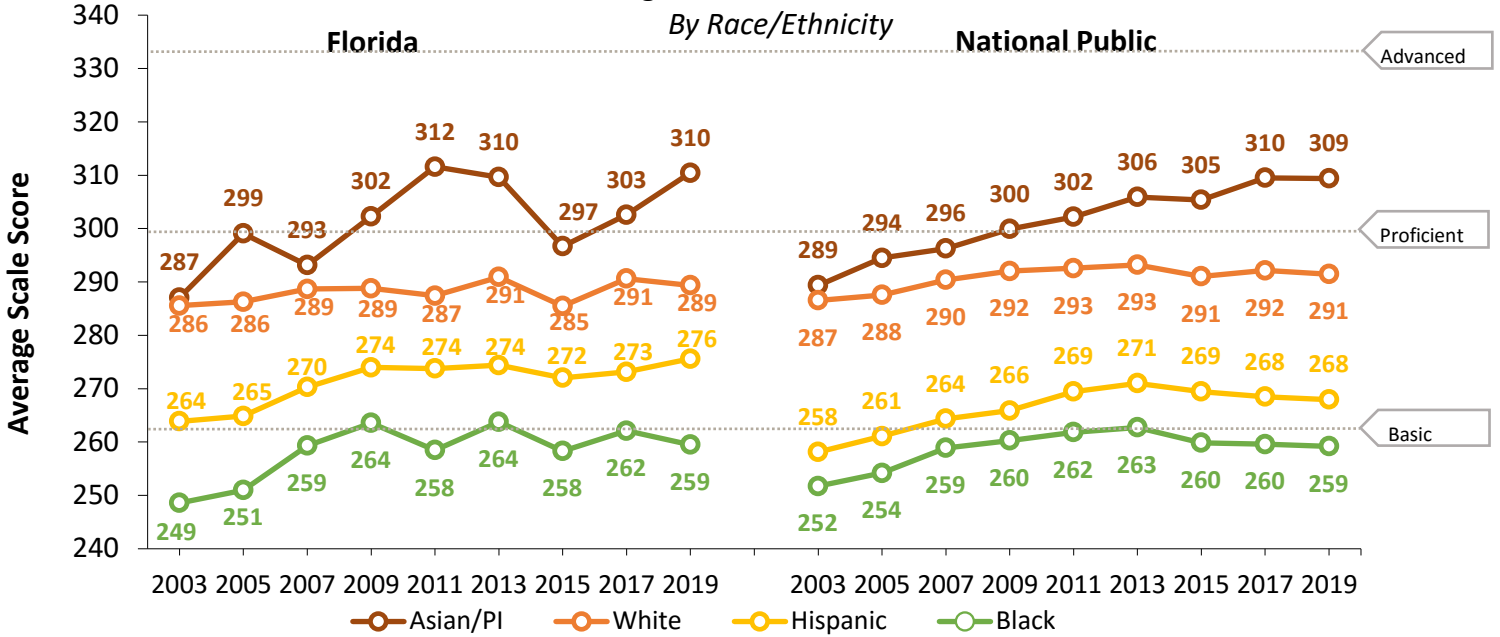
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida % At or Above Basic	62	65	68	70	68	70	64	66	66	↔ compared to 2017	↔ compared to 2003
FL Rank Among States	#39	#35	#35	#34	#41	#36	#44	#34	#36		
NP % At or Above Basic	67	68	70	71	72	73	70	69	68	↓1% compared to 2017	↑1% compared to 2003
FL Compared to NP	↓	↓	↔	↔	↓	↓	↓	↔	↔		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida % At or Above Proficient	23	26	27	29	28	31	26	29	31	↔ compared to 2017	↑7% compared to 2003
FL Rank Among States	#37	#36	#36	#35	#42	#36	#41	#37	#34		
NP % At or Above Proficient	27	28	31	33	34	34	32	33	33	↔ compared to 2017	↑6% compared to 2003
FL Compared to NP	↓	↓	↓	↓	↓	↓	↓	↓	↔		

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019**



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

NAEP Grade 8 Mathematics
Average Scale Score Data - Florida (FL) and National Public (NP)
By Race/Ethnicity

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida White	286	286	289	289	287	291	285	291	289	↔ compared to 2017	↔ compared to 2003
FL Rank Among States	#28	#29	#29	#35	#42	#32	#41	#28	#28		
NP White	287	288	290	292	293	293	291	292	291	↔ compared to 2017	↑5pts compared to 2003
FL Compared to NP	↔	↔	↔	↓	↓	↔	↓	↔	↔		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Black	249	251	259	264	258	264	258	262	259	↔ compared to 2017	↑11pts compared to 2003
FL Rank Among States	#29	#24	#18	#15	#31	#15	#21	#10	#17		
NP Black	252	254	259	260	262	263	260	260	259	↔ compared to 2017	↑7pts compared to 2003
FL Compared to NP	↔	↔	↔	↔	↓	↔	↔	↔	↔		

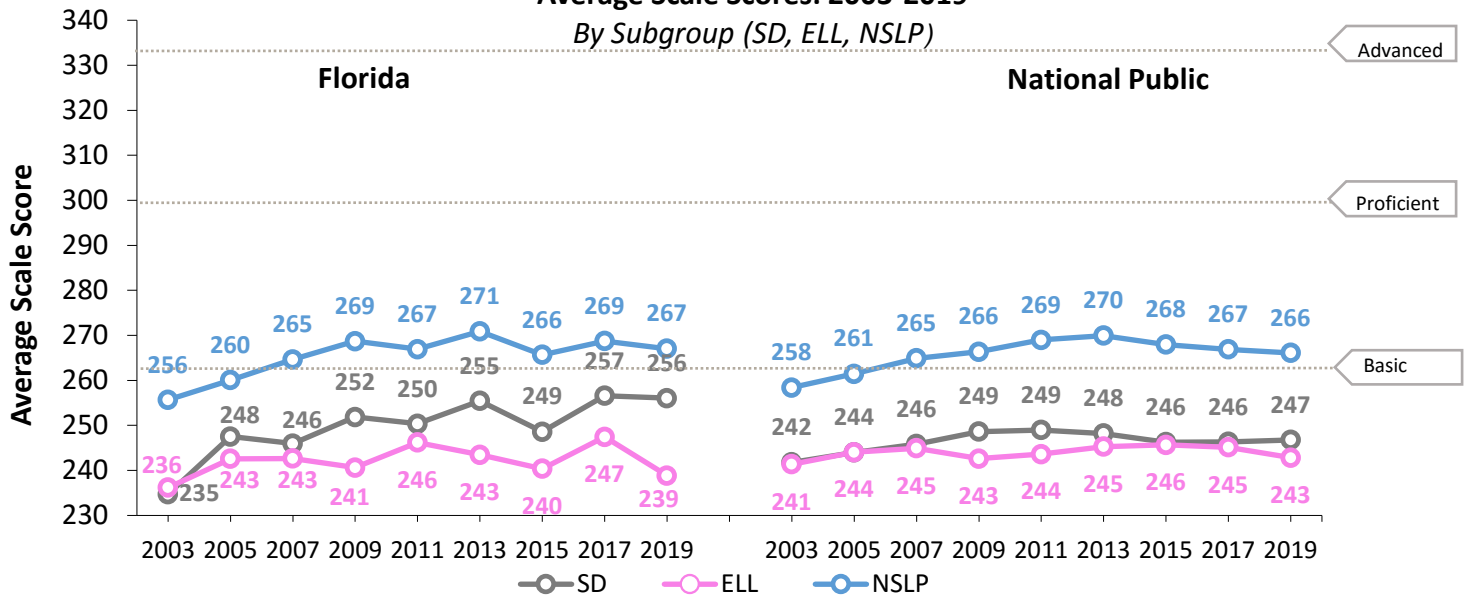
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Hispanic	264	265	270	274	274	274	272	273	276	↔ compared to 2017	↑12pts compared to 2003
FL Rank Among States	#6	#13	#11	#10	#12	#20	#16	#10	#5		
NP Hispanic	258	261	264	266	269	271	269	268	268	↔ compared to 2017	↑10pts compared to 2003
FL Compared to NP	↑	↑	↑	↑	↑	↑	↔	↑	↑		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Asian/PI	287	299	293	302	312	310	297	303	310	↔ compared to 2017	↑23pts compared to 2003
FL Rank Among States	#13	#10	#16	#14	#8	#12	#24	#21	#15		
NP Asian/PI	289	294	296	300	302	306	305	310	309	↔ compared to 2017	↑20pts compared to 2003
FL Compared to NP	↔	↔	↔	↔	↔	↔	↓	↔	↔		

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019
By Subgroup (SD, ELL, NSLP)



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

NAEP Grade 8 Mathematics

Average Scale Score Data - Florida (FL) and National Public (NP)

By Subgroup - Students with Disabilities (SD), English Language Learners (ELL), Students Eligible for National School Lunch Program (NSLP)

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida SD	235	248	246	252	250	255	249	257	256	↔ compared to 2017	↑21pts compared to 2003
FL Rank Among States	#40	#23	#29	#23	#24	#10	#17	#4	#4		
National Public SD	242	244	246	249	249	248	246	246	247	↔ compared to 2017	↑5pts compared to 2003
FL Compared to NP	↓	↔	↔	↔	↔	↑	↔	↑	↑		

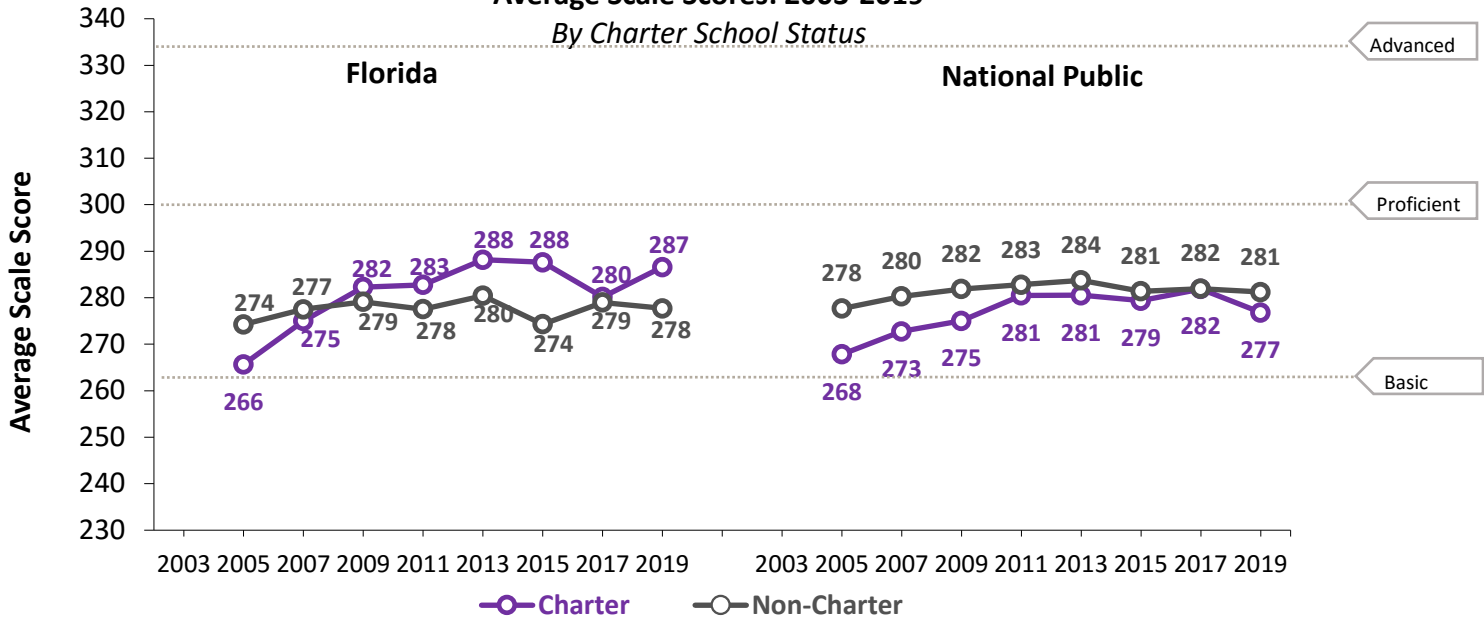
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida ELL	236	243	243	241	246	243	240	247	239	↓9pts compared to 2017	↔ compared to 2003
FL Rank Among States	#24	#17	#20	#22	#15	#18	#21	#11	#21		
National Public ELL	241	244	245	243	244	245	246	245	243	↔ compared to 2017	↔ compared to 2003
FL Compared to NP	↔	↔	↔	↔	↔	↔	↔	↔	↔		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida NSLP	256	260	265	269	267	271	266	269	267	↔ compared to 2017	↑11pts compared to 2003
FL Rank Among States	#39	#33	#33	#22	#39	#23	#38	#23	#25		
National Public NSLP	258	261	265	266	269	270	268	267	266	↔ compared to 2017	↑8pts compared to 2003
FL Compared to NP	↔	↔	↔	↔	↓	↔	↔	↔	↔		

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019
By Charter School Status



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

NAEP Grade 8 Mathematics
 Average Scale Score Data - Florida (FL) and National Public (NP)
 By Charter School Status

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Charter	*	266	275	282	283	288	288	280	287	↔ compared to 2017	↔ compared to 2005
Florida Non-Charter	*	274	277	279	278	280	274	279	278	↔ compared to 2017	↔ compared to 2005
FL Charter Compared to FL Non-Charter	*	↔	↔	↔	↔	↔	↔	↔	↔		

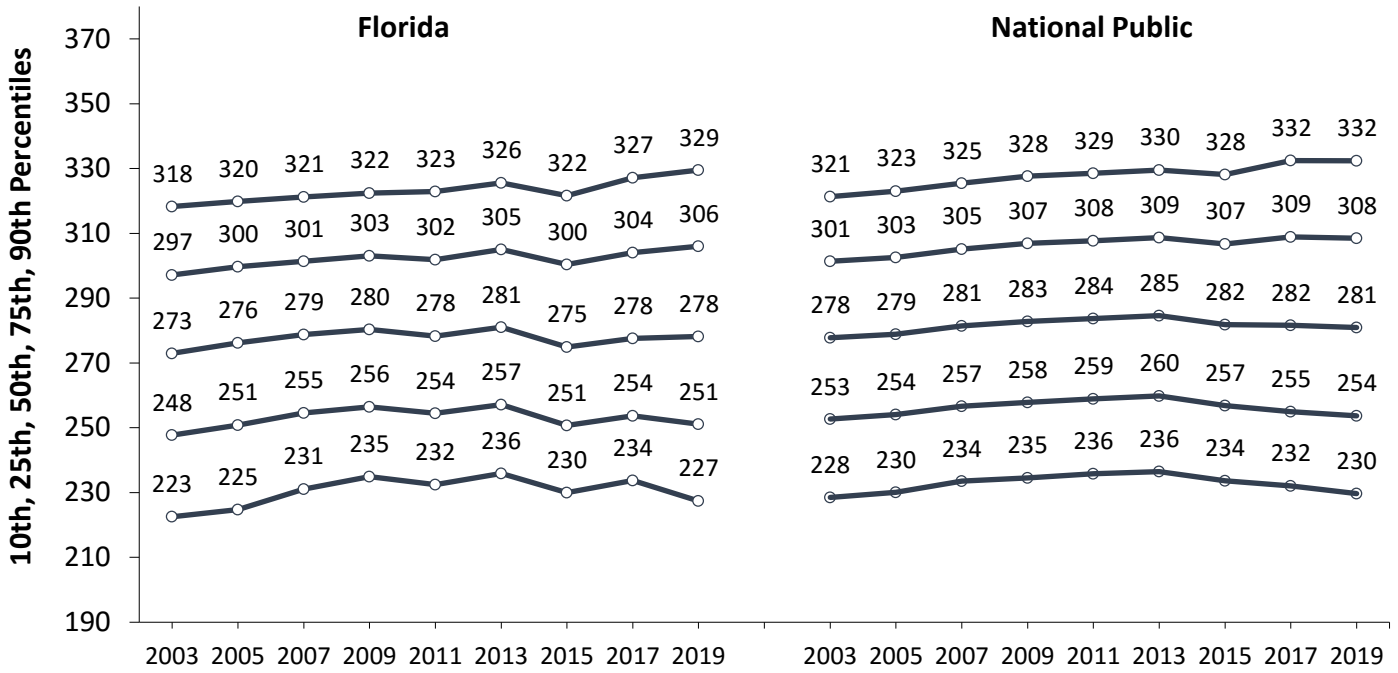
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
National Public Charter	*	268	273	275	281	281	279	282	277	↔ compared to 2017	↑9pts compared to 2005
National Public Non-Charter	*	278	280	282	283	284	281	282	281	↔ compared to 2017	↑4pts compared to 2005
NP Charter Compared to NP Non-Charter	*	↓	↓	↓	↔	↔	↔	↔	↓		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Charter	*	266	275	282	283	288	288	280	287	↔ compared to 2017	↔ compared to 2005
National Public Charter	*	268	273	275	281	281	279	282	277	↔ compared to 2017	↑9pts compared to 2005
FL Charter Compared to NP Charter	*	↔	↔	↔	↔	↔	↔	↔	↑		

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different * Charter school status not reported.

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Percentiles: 2003-2019



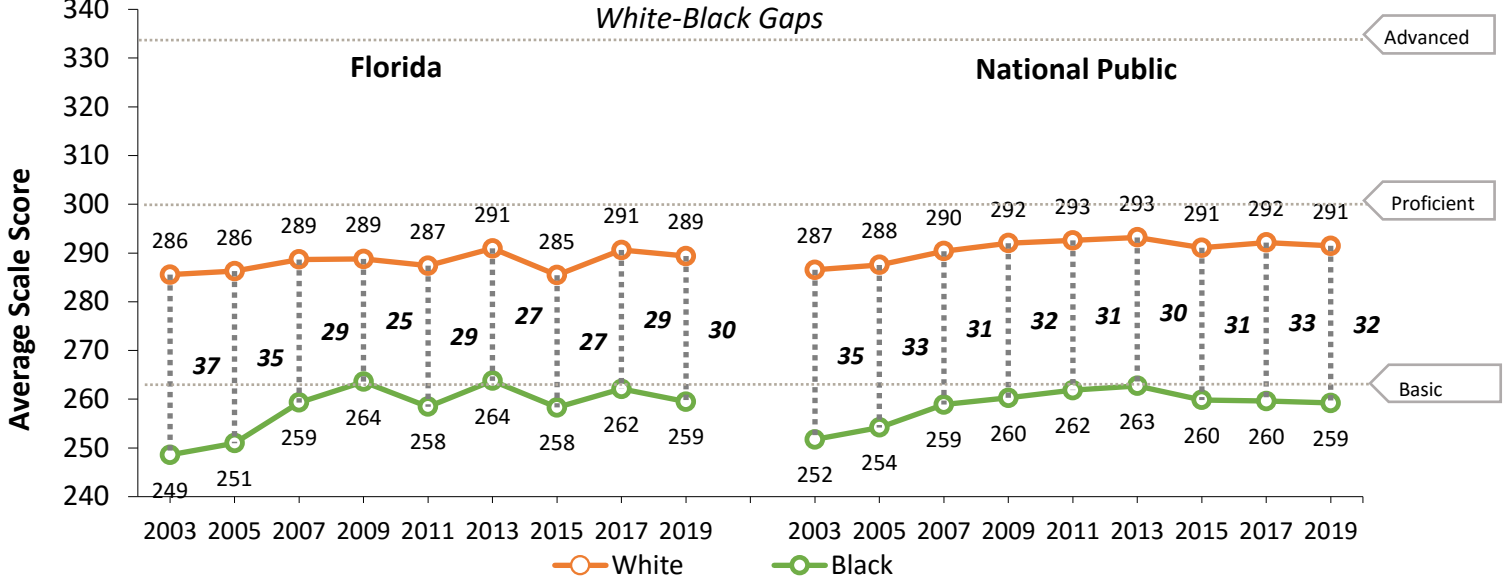
NAEP Grade 8 Mathematics
Percentiles - Florida (FL) and National Public (NP)

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary
Florida 90th Percentile	318	320	321	322	323	326	322	327	329	↔ compared to 2017
Florida 75th Percentile	297	300	301	303	302	305	300	304	306	↔ compared to 2017
Florida 50th Percentile	273	276	279	280	278	281	275	278	278	↔ compared to 2017
Florida 25th Percentile	248	251	255	256	254	257	251	254	251	↔ compared to 2017
Florida 10th Percentile	223	225	231	235	232	236	230	234	227	↓6pts compared to 2017

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary
National Public 90th Percentile	321	323	325	328	329	330	328	332	332	↔ compared to 2017
National Public 75th Percentile	301	303	305	307	308	309	307	309	308	↔ compared to 2017
National Public 50th Percentile	278	279	281	283	284	285	282	282	281	↔ compared to 2017
National Public 25th Percentile	253	254	257	258	259	260	257	255	254	↓1pt compared to 2017
National Public 10th Percentile	228	230	234	235	236	236	234	232	230	↓2pts compared to 2017

↑ = significantly higher ↓ = significantly lower ↔ = not significantly different
NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019**



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant. Calculations were performed using unrounded numbers.

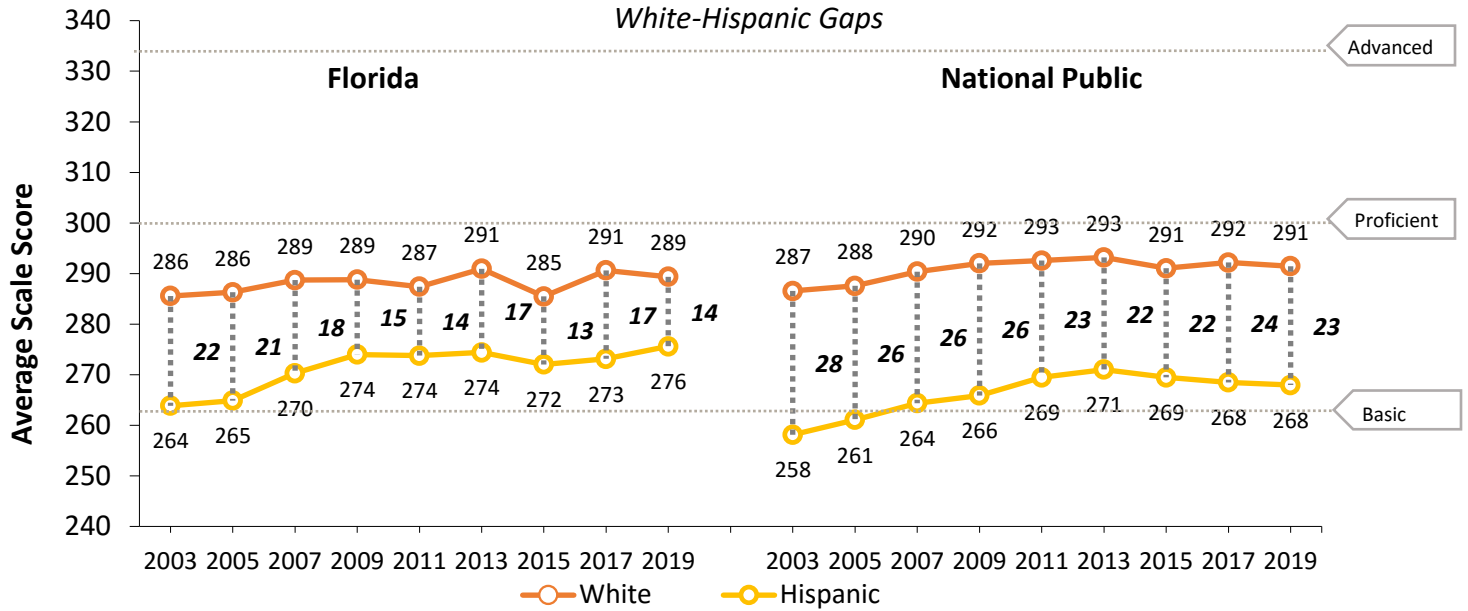
NAEP Grade 8 Mathematics
Average Scale Score Data - Florida (FL) and National Public (NP)
White-Black Gaps

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida White	286	286	289	289	287	291	285	291	289		
Florida Black	249	251	259	264	258	264	258	262	259		
FL White-Black Gap	37	35	29	25	29	27	27	29	30	↔ compared to 2017	↔ compared to 2003
FL Gap Rank Among States	#28	#28	#22	#7	#21	#9	#9	#12	#16		
NP White	287	288	290	292	293	293	291	292	291		
NP Black	252	254	259	260	262	263	260	260	259		
NP White-Black Gap	35	33	31	32	31	30	31	33	32	↔ compared to 2017	< 3pts compared to 2003
FL Gap Compared to NP Gap	↔	↔	↔	<	↔	↔	↔	↔	↔		

> = significantly larger < = significantly smaller ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019
White-Hispanic Gaps



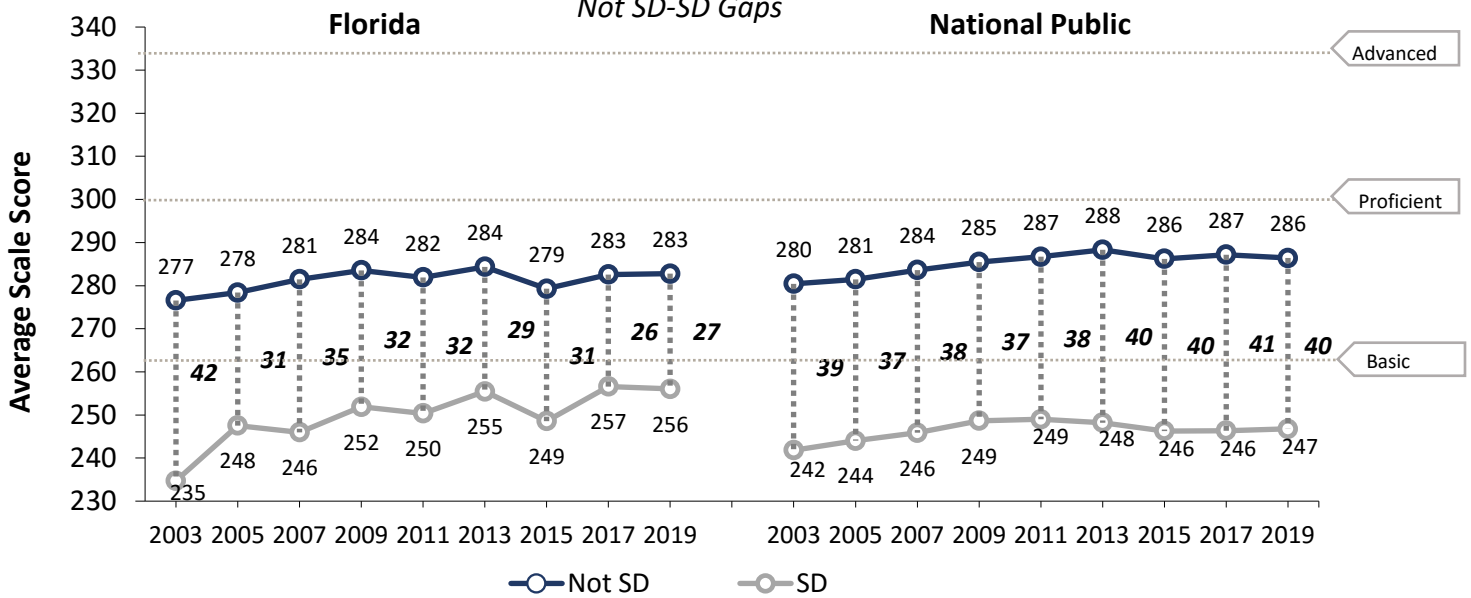
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant. Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
 Average Scale Score Data - Florida (FL) and National Public (NP)
 White-Hispanic Gaps

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida White	286	286	289	289	287	291	285	291	289		
Florida Hispanic	264	265	270	274	274	274	272	273	276		
FL White-Hispanic Gap	22	21	18	15	14	17	13	17	14	↔ compared to 2017	< 8pts compared to 2003
FL Gap Rank Among States	#9	#8	#6	#5	#5	#13	#4	#15	#6		
NP White	287	288	290	292	293	293	291	292	291		
NP Hispanic	258	261	264	266	269	271	269	268	268		
NP White-Hispanic Gap	28	26	26	26	23	22	22	24	23	↔ compared to 2017	< 5pts compared to 2003
FL Gap Compared to NP Gap	<	<	<	<	<	<	<	<	<		

> = significantly larger < = significantly smaller ↔ = not significantly different
 NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019**



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant. Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Average Scale Score Data - Florida (FL) and National Public (NP)
Not SD-SD Gaps

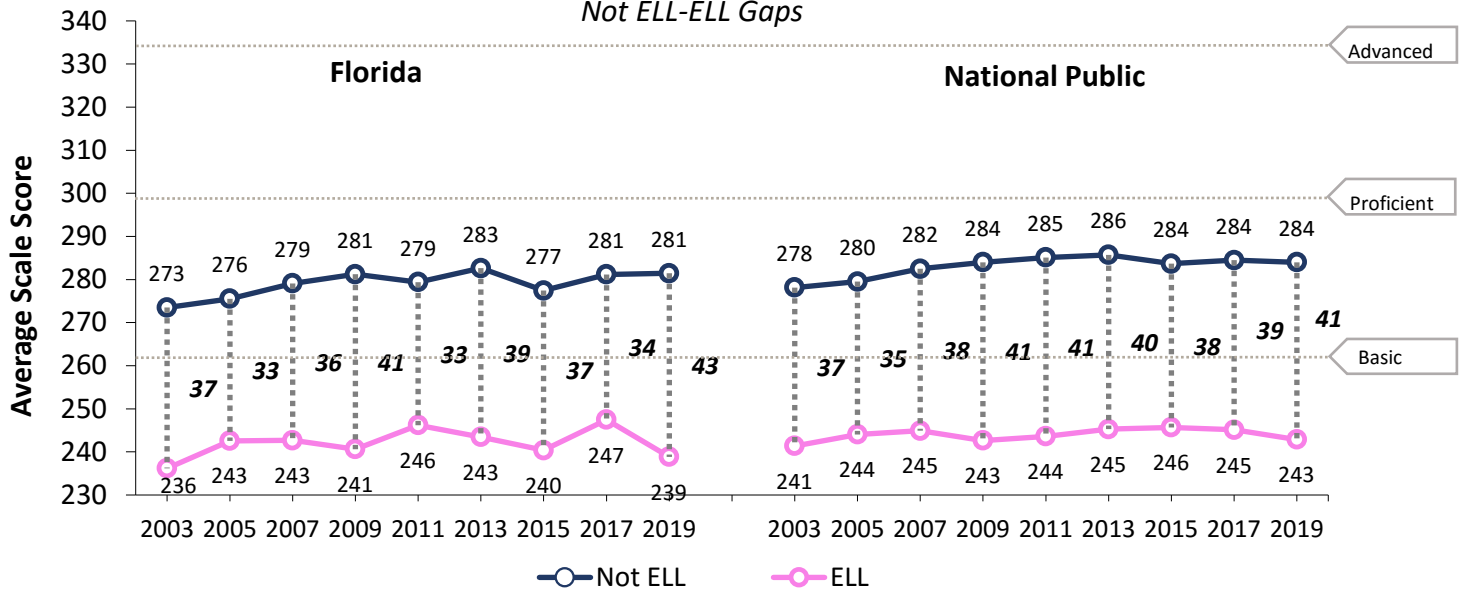
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Not SD	277	278	281	284	282	284	279	283	283		
Florida SD	235	248	246	252	250	255	249	257	256		
FL Not SD-SD Gap	42	31	35	32	32	29	31	26	27	↔ compared to 2017	< 15pts compared to 2003
FL Gap Rank Among States	#35	#2	#18	#3	#6	#1	#1	#1	#1		
National Public Not SD	280	281	284	285	287	288	286	287	286		
National Public SD	242	244	246	249	249	248	246	246	247		
NP Not SD-SD Gap	39	37	38	37	38	40	40	41	40	↔ compared to 2017	↔ compared to 2003
FL Gap Compared to NP Gap	↔	<	↔	↔	<	<	<	<	<		

> = significantly larger < = significantly smaller ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics Average Scale Scores: 2003-2019

Not ELL-ELL Gaps



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant. Calculations were performed using unrounded numbers.

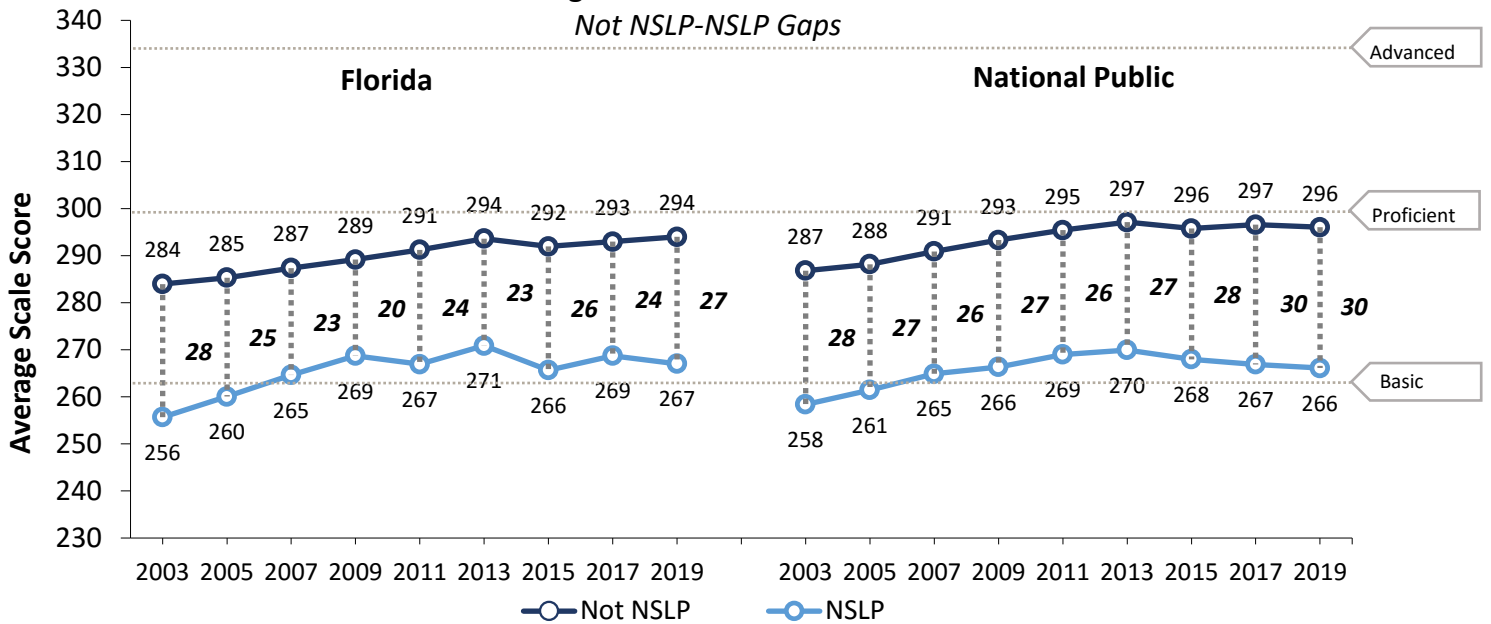
NAEP Grade 8 Mathematics Average Scale Score Data - Florida (FL) and National Public (NP) Not ELL-ELL Gaps

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Not ELL	273	276	279	281	279	283	277	281	281		
Florida ELL	236	243	243	241	246	243	240	247	239		
FL Not ELL-ELL Gap	37	33	36	41	33	39	37	34	43	↔ compared to 2017	↔ compared to 2003
FL Gap Rank Among States	#17	#13	#17	#17	#11	#14	#15	#7	#18		
NP Not ELL	278	280	282	284	285	286	284	284	284		
NP ELL	241	244	245	243	244	245	246	245	243		
NP Not ELL-ELL Gap	37	35	38	41	41	40	38	39	41	↔ compared to 2017	> 4pts compared to 2003
FL Gap Compared to NP Gap	↔	↔	↔	↔	<	↔	↔	↔	↔		

> = significantly larger < = significantly smaller ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
Average Scale Scores: 2003-2019
Not NSLP-NSLP Gaps



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant. Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics
 Average Scale Score Data - Florida (FL) and National Public (NP)
 Not NSLP-NSLP Gaps

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2019 Results Summary	
Florida Not NSLP	284	285	287	289	291	294	292	293	294		
Florida NSLP	256	260	265	269	267	271	266	269	267		
FL Not NSLP-NSLP Gap	28	25	23	20	24	23	26	24	27	↔ compared to 2017	↔ compared to 2003
FL Gap Rank Among States	#37	#32	#22	#8	#27	#12	#26	#11	#23		
NP Not NSLP	287	288	291	293	295	297	296	297	296		
NP NSLP	258	261	265	266	269	270	268	267	266		
NP Not NSLP-NSLP Gap	28	27	26	27	26	27	28	30	30	↔ compared to 2017	> 2pts compared to 2003
FL Gap Compared to NP Gap	↔	↔	↔	<	↔	<	↔	<	↔		

> = significantly larger < = significantly smaller ↔ = not significantly different

NOTE: Calculations were performed using unrounded numbers.

NAEP Grade 8 Mathematics

State Comparisons

Average Scale Scores and Achievement Level Percentages: 2019

State Average Scale Score Comparisons

Rank	Jurisdiction	Average scale score
1	Massachusetts	294
2	New Jersey	292
3	Minnesota	291
4	Wisconsin	289
5	New Hampshire	287
6	South Dakota	287
7	Virginia	287
8	Vermont	287
9	Wyoming	286
10	Connecticut	286
11	Idaho	286
12	Washington	286
13	Ohio	286
14	Indiana	286
15	North Dakota	286
16	Pennsylvania	285
17	Nebraska	285
18	Utah	285
19	Colorado	285
20	Montana	284
21	North Carolina	284
22	Illinois	283
23	Maine	282
24	Kansas	282
25	Iowa	282
--	National public	281
26	Missouri	281
27	New York	280
28	Michigan	280
29	Maryland	280
30	Tennessee	280
31	Arizona	280
32	Texas	280
33	Oregon	280
34	Georgia	279
35	Florida	279
36	Kentucky	278
37	Delaware	277
38	Oklahoma	276
39	South Carolina	276
40	Rhode Island	276
41	California	276
42	Hawaii	275
43	Arkansas	274
44	Alaska	274
45	Nevada	274
46	Mississippi	274
47	West Virginia	272
48	Louisiana	272
49	DC	269
50	New Mexico	269
51	Alabama	269

State Achievement Level Comparisons - Percentage At or Above NAEP Basic

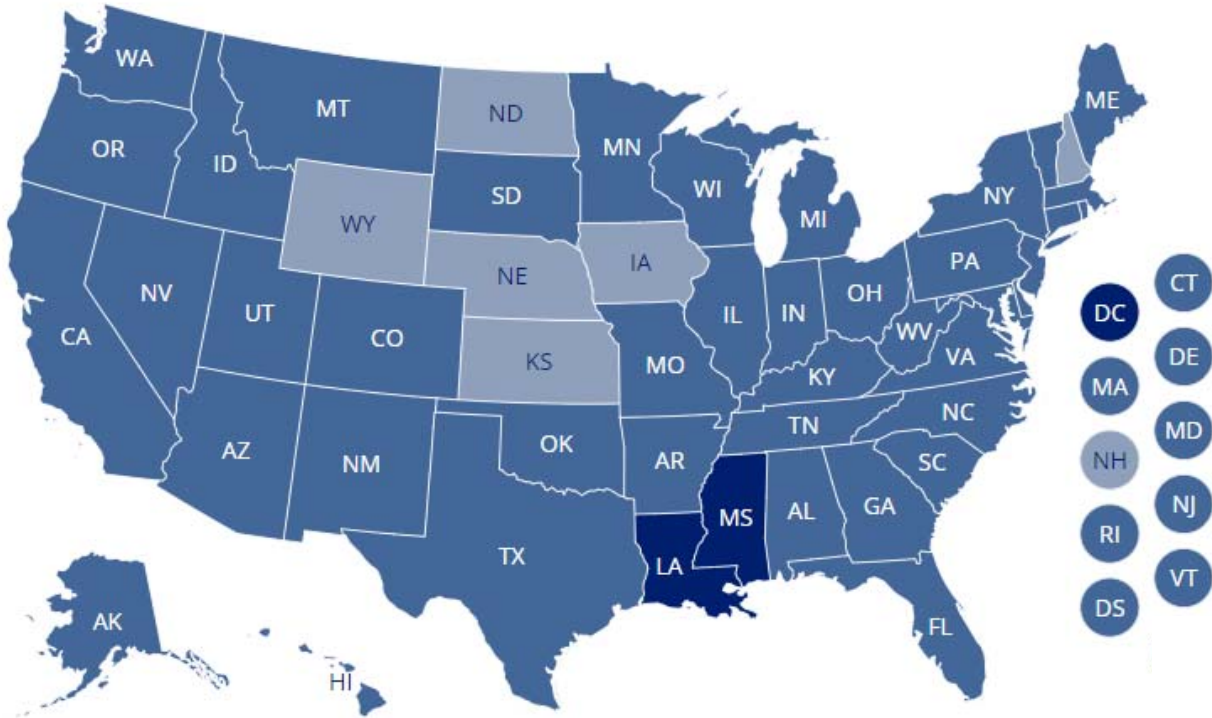
Rank	Jurisdiction	% at or above Basic
1	Massachusetts	78
2	Minnesota	77
3	New Hampshire	77
4	Wyoming	76
5	South Dakota	76
6	New Jersey	76
7	Wisconsin	76
8	North Dakota	75
9	Vermont	75
10	Virginia	75
11	Nebraska	74
12	Idaho	74
13	Indiana	73
14	Ohio	73
15	Montana	73
16	Colorado	73
17	Utah	72
18	Connecticut	72
19	Iowa	72
20	Washington	72
21	Maine	71
22	North Carolina	71
23	Kansas	71
24	Pennsylvania	70
25	Missouri	70
26	Illinois	69
27	Michigan	68
--	National public	68
28	Texas	68
29	Tennessee	68
30	Arizona	68
31	Kentucky	67
32	Oregon	67
33	Georgia	67
34	Oklahoma	66
35	New York	66
36	Florida	66
37	Delaware	65
38	Maryland	65
39	Hawaii	65
40	Rhode Island	64
41	South Carolina	64
42	Alaska	63
43	Arkansas	63
44	Mississippi	62
45	West Virginia	62
46	Nevada	62
47	California	61
48	Louisiana	61
49	Alabama	57
50	New Mexico	56
51	DC	55

State Achievement Level Comparisons - Percentage At or Above NAEP Proficient

Rank	Jurisdiction	% at or above Proficient
1	Massachusetts	47
2	Minnesota	44
3	New Jersey	44
4	Wisconsin	41
5	Washington	40
6	South Dakota	39
7	Connecticut	39
8	Pennsylvania	39
9	New Hampshire	38
10	Vermont	38
11	Virginia	38
12	Ohio	38
13	Indiana	37
14	North Dakota	37
15	Idaho	37
16	Utah	37
17	Wyoming	37
18	Colorado	37
19	Nebraska	37
20	North Carolina	37
21	Montana	36
22	Illinois	34
23	Maine	34
24	New York	34
--	National public	33
25	Kansas	33
26	Maryland	33
27	Iowa	33
28	Missouri	32
29	Oregon	31
30	Tennessee	31
31	Georgia	31
32	Arizona	31
33	Michigan	31
34	Florida	31
35	Texas	30
36	Rhode Island	29
37	Delaware	29
38	Alaska	29
39	Kentucky	29
40	South Carolina	29
41	California	29
42	Hawaii	28
43	Arkansas	27
44	Nevada	26
45	Oklahoma	26
46	Mississippi	24
47	West Virginia	24
48	Louisiana	23
49	DC	23
50	Alabama	21
51	New Mexico	21

=significantly higher than FL score
 =not significantly different from FL score
 =significantly lower than FL score

**NAEP Grade 8 Mathematics
State Score Change Summary
Average Scale Scores: 2017-2019**

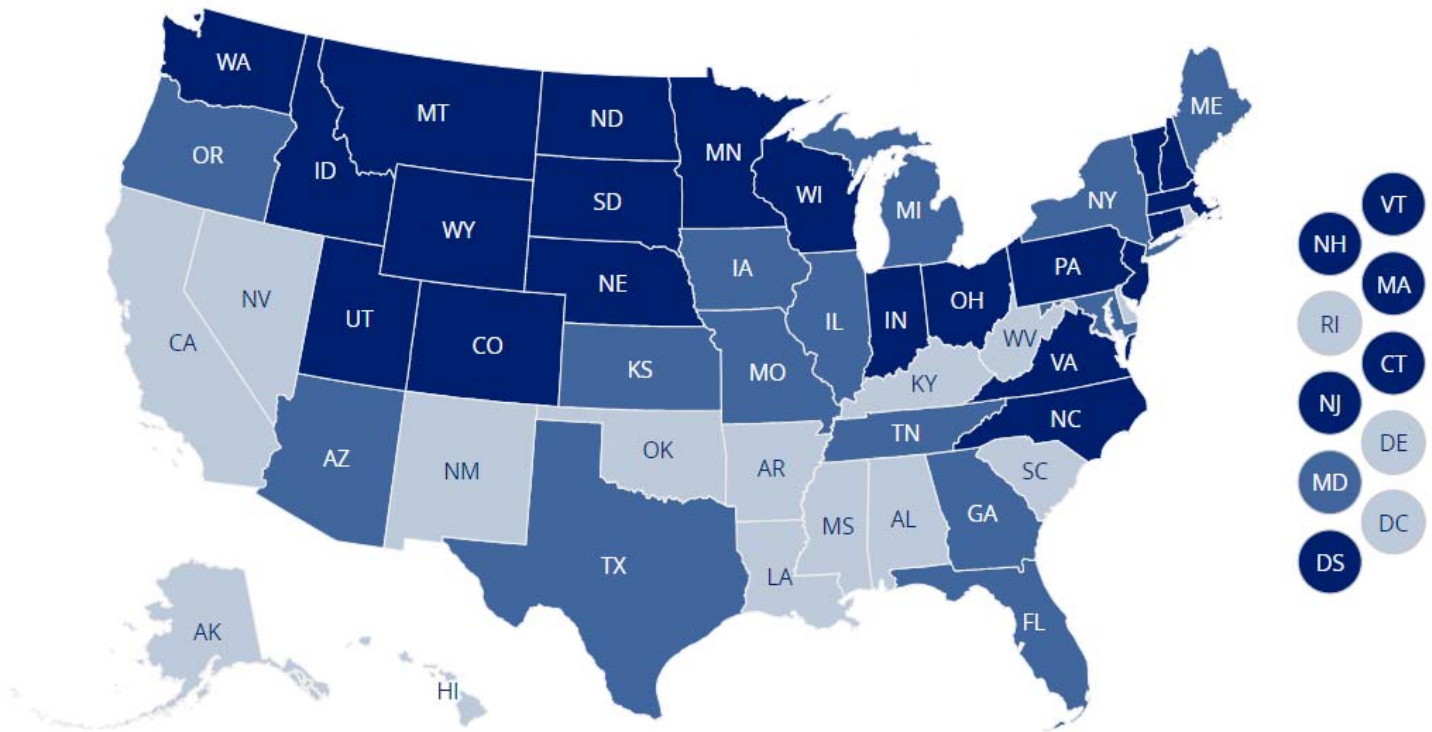


Between 2017 and 2019

3 states/jurisdictions ↑ had a score increase	43 states/jurisdictions ↔ had no significant change in score	6 + National Public states/jurisdictions ↓ had a score decrease
Louisiana Mississippi DC	Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware Florida Georgia Hawaii Idaho Illinois Indiana Kentucky Maine Maryland Massachusetts Michigan Minnesota Missouri Montana Nevada New Jersey New Mexico New York North Carolina Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin DoDEA	Iowa Kansas Nebraska New Hampshire North Dakota Wyoming

DS = Department of Defense Education Activity (DoDEA), a federally-operated nonpublic school system responsible for educating children of military families.

**NAEP Grade 8 Mathematics
State Performance Compared to the Nation
Average Scale Scores: 2019**



<p>22 states/jurisdictions ↑ performed significantly higher than National Public</p>	<p>14 states/jurisdictions ↔ not significantly different than National Public</p>	<p>16 states/jurisdictions ↓ performed significantly lower than National Public</p>
<ul style="list-style-type: none"> <li style="width: 50%;">Colorado <li style="width: 50%;">North Dakota <li style="width: 50%;">Connecticut <li style="width: 50%;">Ohio <li style="width: 50%;">Idaho <li style="width: 50%;">Pennsylvania <li style="width: 50%;">Indiana <li style="width: 50%;">South Dakota <li style="width: 50%;">Massachusetts <li style="width: 50%;">Utah <li style="width: 50%;">Minnesota <li style="width: 50%;">Vermont <li style="width: 50%;">Montana <li style="width: 50%;">Virginia <li style="width: 50%;">Nebraska <li style="width: 50%;">Washington <li style="width: 50%;">New Hampshire <li style="width: 50%;">Wisconsin <li style="width: 50%;">New Jersey <li style="width: 50%;">Wyoming <li style="width: 50%;">North Carolina <li style="width: 50%;">DoDEA 	<ul style="list-style-type: none"> <li style="width: 50%;">Arizona <li style="width: 50%;">Maryland <li style="width: 50%;">Florida <li style="width: 50%;">Michigan <li style="width: 50%;">Georgia <li style="width: 50%;">Missouri <li style="width: 50%;">Illinois <li style="width: 50%;">New York <li style="width: 50%;">Iowa <li style="width: 50%;">Oregon <li style="width: 50%;">Kansas <li style="width: 50%;">Tennessee <li style="width: 50%;">Maine <li style="width: 50%;">Texas 	<ul style="list-style-type: none"> <li style="width: 50%;">Alabama <li style="width: 50%;">Louisiana <li style="width: 50%;">Alaska <li style="width: 50%;">Mississippi <li style="width: 50%;">Arkansas <li style="width: 50%;">Nevada <li style="width: 50%;">California <li style="width: 50%;">New Mexico <li style="width: 50%;">Delaware <li style="width: 50%;">Oklahoma <li style="width: 50%;">DC <li style="width: 50%;">Rhode Island <li style="width: 50%;">Hawaii <li style="width: 50%;">South Carolina <li style="width: 50%;">Kentucky <li style="width: 50%;">West Virginia

DS = Department of Defense Education Activity (DoDEA), a federally-operated nonpublic school system responsible for educating children of military families.