



FLORIDA

NATIONAL ASSESSMENT  
OF EDUCATIONAL  
PROGRESS

**2024**  
**National Assessment of Educational Progress**  
**Grade 8 Mathematics Results**



## Table of Contents

<b>Achievement Level Descriptions .....</b>	<b>3</b>
<b>Florida NAEP Results Summary .....</b>	<b>4</b>
<b>Overall Student Results, Florida and National Public</b>	
Average Scale Scores.....	5
Achievement Level Percentages.....	6
Average Scale Scores By Race/Ethnicity .....	7
<i>White</i>	
<i>Black</i>	
<i>Hispanic</i>	
<i>Asian/Pacific Islander (PI)</i>	
Average Scale Scores By Subgroup.....	8
<i>Students with Disabilities (SD)</i>	
<i>English Language Learners (ELL)</i>	
<i>National School Lunch Program (NSLP) Eligibility</i>	
Average Scale Scores By Charter School Status .....	9
<b>Percentiles, Florida and National Public .....</b>	<b>10</b>
<b>Average Scale Score Gaps, Florida and National Public</b>	
White-Black Gaps .....	11
White-Hispanic Gaps .....	12
Not SD-SD Gaps.....	13
Not ELL-ELL Gaps.....	14
Not NSLP-NSLP Gaps .....	15
<b>State Comparisons</b>	
Average Scale Scores and Achievement Level Percentages: 2024 .....	16
<b>State Score Change Summary</b>	
Average Scale Scores: 2022-2024.....	17
<b>State Performance Compared to the Nation</b>	
Average Scale Scores: 2024 .....	18

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

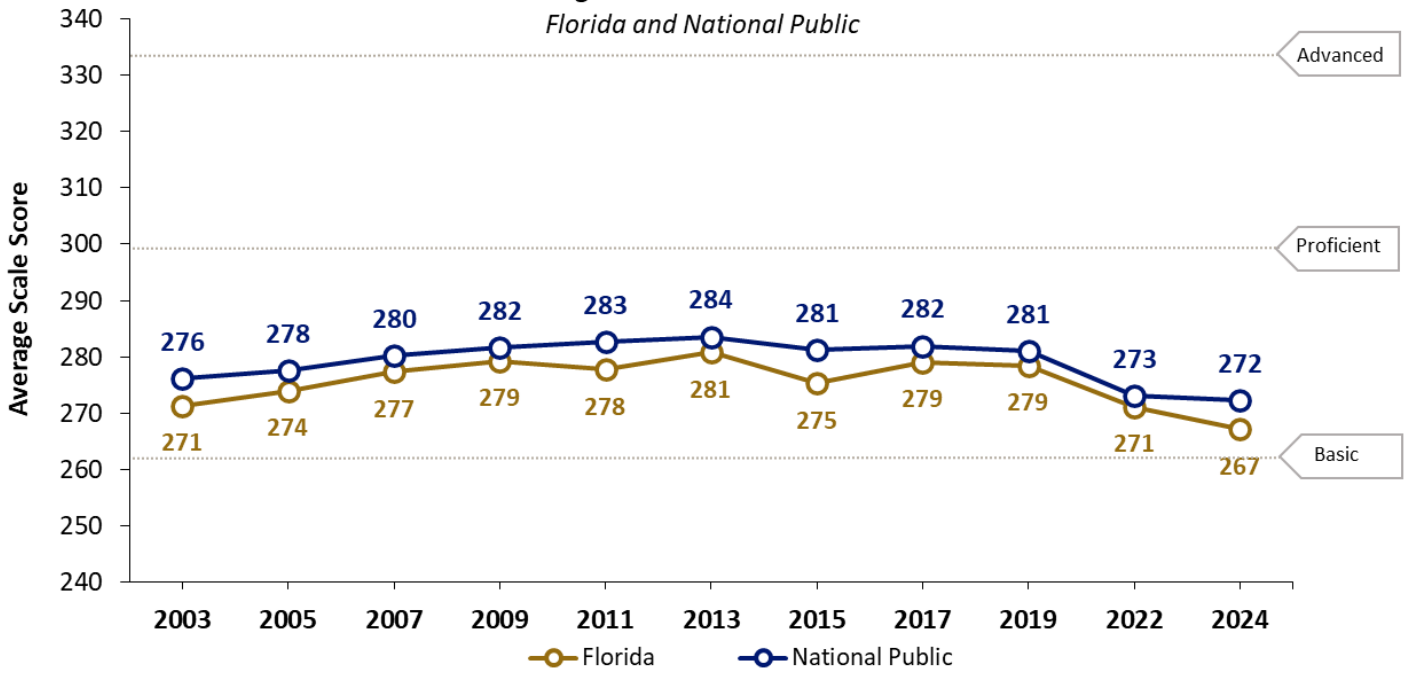
<p><b>NAEP Basic (262)</b></p>	<p><b>Eighth-grade students performing at the <i>NAEP Basic</i> level should exhibit evidence of conceptual and procedural understanding in the five NAEP content areas (number properties and operations; measurement; geometry; data analysis, statistics, and probability; algebra). This level of performance signifies an understanding of arithmetic operations—including estimation—on whole numbers, decimals, fractions, and percents.</b></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><b>NAEP Proficient (299)</b></p>	<p><b>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).</b></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.</p> <p>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><b>NAEP Advanced (333)</b></p>	<p><b>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).</b></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: 2003-2024

### 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
	2022	271	42	35	17	6	58	23
	2024	267	45	33	16	5	55	21

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*Florida and National Public*



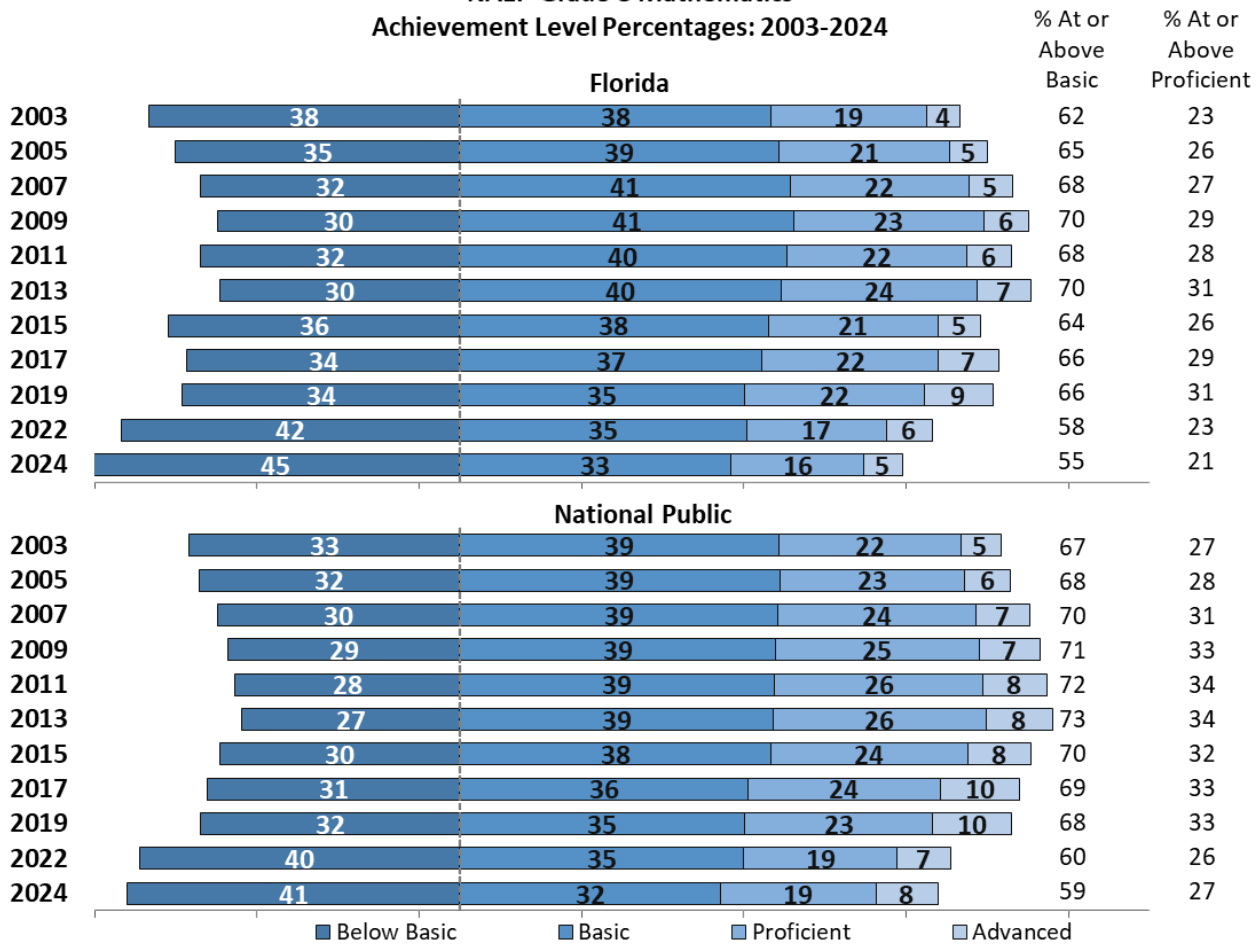
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences may not be statistically significant.

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

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida</b>	271	274	277	279	278	281	275	279	279	271	267	↓4pts compared to 2022	↓4pts compared to 2003
<b>FL Rank Among States</b>	#38	#36	#35	#34	#42	#35	#42	#34	#35	#32	#41		
<b>National Public</b>	276	278	280	282	283	284	281	282	281	273	272	↔ compared to 2022	↓4pts compared to 2003
<b>FL Compared to NP</b>	↓	↓	↓	↓	↓	↓	↓	↓	↔	↔	↓		

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

**NAEP Grade 8 Mathematics  
Achievement Level Percentages: 2003-2024**



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

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

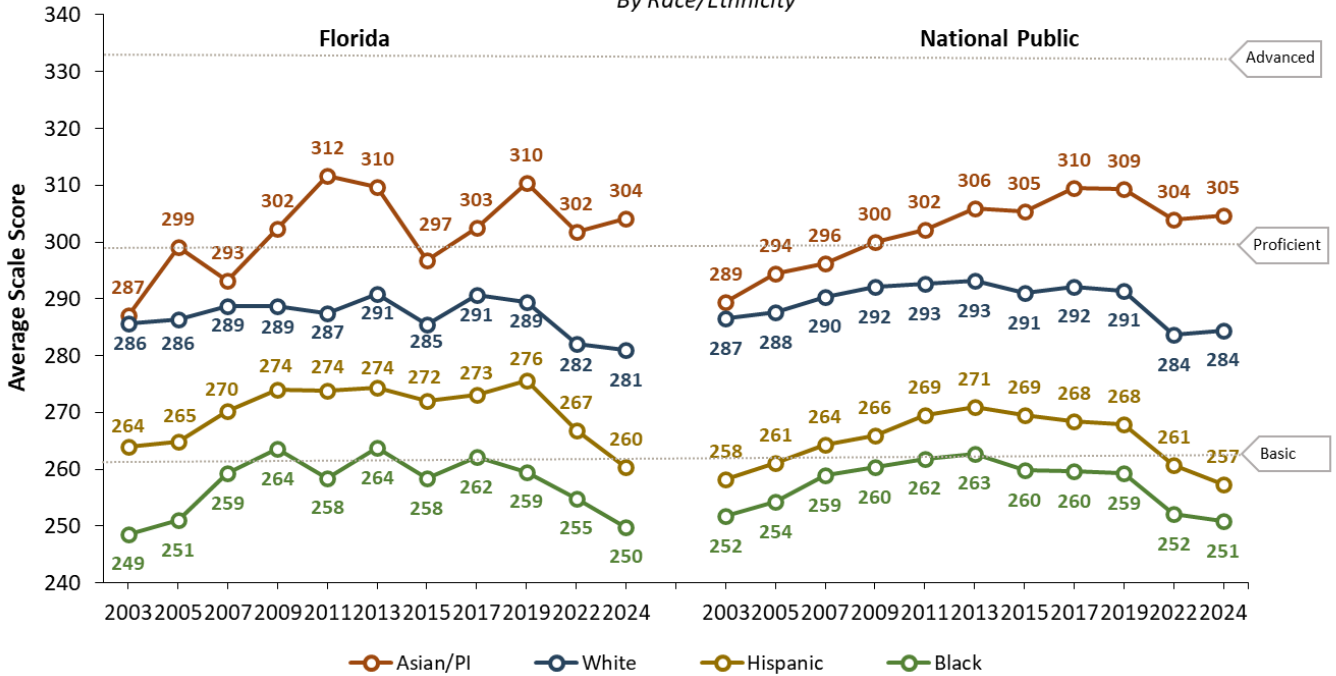
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida % At or Above Basic</b>	62	65	68	70	68	70	64	66	66	58	55	↔ compared to 2022	↓7% compared to 2003
<b>FL Rank Among States</b>	#39	#35	#35	#34	#41	#36	#44	#34	#36	#33	#39		
<b>NP % At or Above Basic</b>	67	68	70	71	72	73	70	69	68	60	59	↓1% compared to 2022	↓8% compared to 2003
<b>FL Compared to NP</b>	↓	↓	↔	↔	↓	↓	↓	↔	↔	↔	↓		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida % At or Above Proficient</b>	23	26	27	29	28	31	26	29	31	23	21	↔ compared to 2022	↔ compared to 2003
<b>FL Rank Among States</b>	#37	#36	#36	#35	#42	#36	#41	#37	#34	#37	#42		
<b>NP % At or Above Proficient</b>	27	28	31	33	34	34	32	33	33	26	27	↑1% compared to 2022	↔ compared to 2003
<b>FL Compared to NP</b>	↓	↓	↓	↓	↓	↓	↓	↓	↔	↔	↓		

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

NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*By Race/Ethnicity*



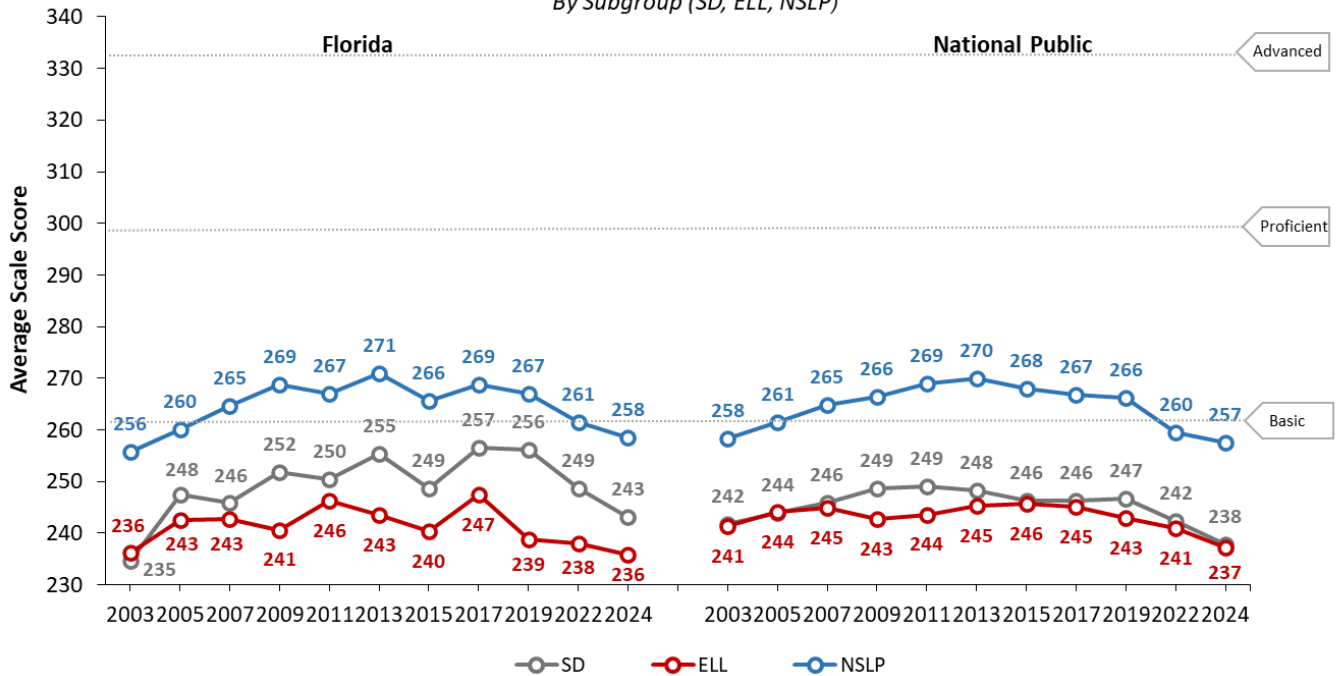
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences may not be statistically significant.

**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	2022	2024	2024 Results Summary	
<b>Florida White</b>	286	286	289	289	287	291	285	291	289	282	281	↔ compared to 2022	↔ compared to 2003
<b>FL Rank Among States</b>	#28	#29	#29	#35	#42	#32	#41	#28	#28	#31	#38		
<b>NP White</b>	287	288	290	292	293	293	291	292	291	284	284	↔ compared to 2022	↓2pts compared to 2003
<b>FL Compared to NP</b>	↔	↔	↔	↓	↓	↔	↓	↔	↔	↔	↔		
<b>Florida Black</b>	249	251	259	264	258	264	258	262	259	255	250	↓5pts compared to 2022	↓1pt compared to 2003
<b>FL Rank Among States</b>	#29	#24	#18	#15	#31	#15	#21	#10	#17	#8	#24		
<b>NP Black</b>	252	254	259	260	262	263	260	260	259	252	251	↔ compared to 2022	↔ compared to 2003
<b>FL Compared to NP</b>	↔	↔	↔	↔	↓	↔	↔	↔	↔	↔	↔		
<b>Florida Hispanic</b>	264	265	270	274	274	274	272	273	276	267	260	↓6pts compared to 2022	↔ compared to 2003
<b>FL Rank Among States</b>	#6	#13	#11	#10	#12	#20	#16	#10	#5	#4	#18		
<b>NP Hispanic</b>	258	261	264	266	269	271	269	268	268	261	257	↓3pts compared to 2022	↔ compared to 2003
<b>FL Compared to NP</b>	↑	↑	↑	↑	↑	↑	↔	↑	↑	↑	↔		
<b>Florida Asian/PI</b>	287	299	293	302	312	310	297	303	310	302	304	↔ compared to 2022	↑17pts compared to 2003
<b>FL Rank Among States</b>	#13	#10	#16	#14	#8	#12	#24	#21	#15	#15	#14		
<b>NP Asian/PI</b>	289	294	296	300	302	306	305	310	309	304	305	↔ compared to 2022	↑15pts compared to 2003
<b>FL Compared to NP</b>	↔	↔	↔	↔	↔	↔	↓	↔	↔	↔	↔		

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

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*By Subgroup (SD, ELL, NSLP)*



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

**NAEP Grade 8 Mathematics**

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

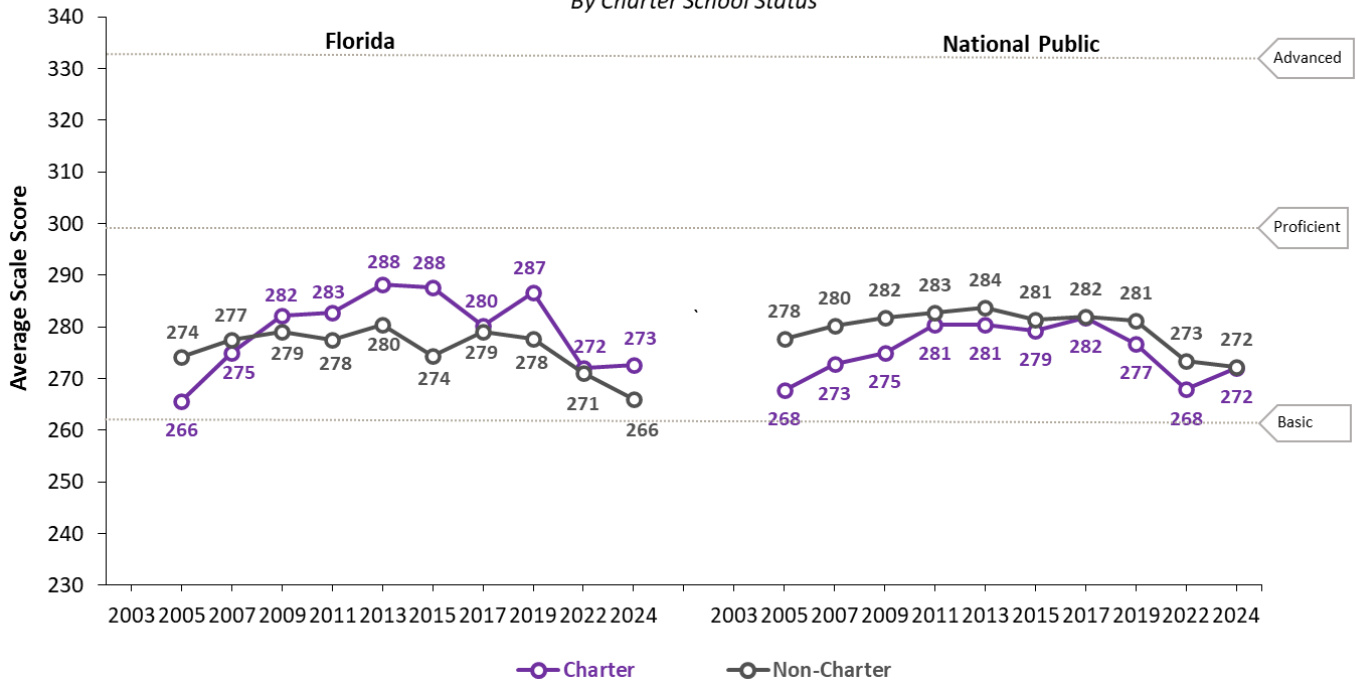
**By Subgroup - Students with Disabilities (SD), English Language Learners (ELL), Students Eligible for National School Lunch Program (NSLP)**

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida SD</b>	235	248	246	252	250	255	249	257	256	249	243	↔ compared to 2022	↑8pts compared to 2003
<b>FL Rank Among States</b>	#40	#23	#29	#23	#24	#10	#17	#4	#4	#4	#10		
<b>National Public SD</b>	242	244	246	249	249	248	246	246	247	242	238	↓4pts compared to 2022	↓4pts compared to 2003
<b>FL Compared to NP</b>	↓	↔	↔	↔	↔	↑	↔	↑	↑	↑	↔		
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida ELL</b>	236	243	243	241	246	243	240	247	239	238	236	↔ compared to 2022	↔ compared to 2003
<b>FL Rank Among States</b>	#24	#17	#20	#22	#15	#18	#21	#11	#21	#18	#15		
<b>National Public ELL</b>	241	244	245	243	244	245	246	245	243	241	237	↓4pts compared to 2022	↓4pts compared to 2003
<b>FL Compared to NP</b>	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔		
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida NSLP</b>	256	260	265	269	267	271	266	269	267	261	258	↔ compared to 2022	↔ compared to 2003
<b>FL Rank Among States</b>	#39	#33	#33	#22	#39	#23	#38	#23	#25	#17	#27		
<b>National Public NSLP</b>	258	261	265	266	269	270	268	267	266	260	257	↓2pts compared to 2022	↔ compared to 2003
<b>FL Compared to NP</b>	↔	↔	↔	↔	↓	↔	↔	↔	↔	↔	↔		

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



**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*By Charter School Status*



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

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

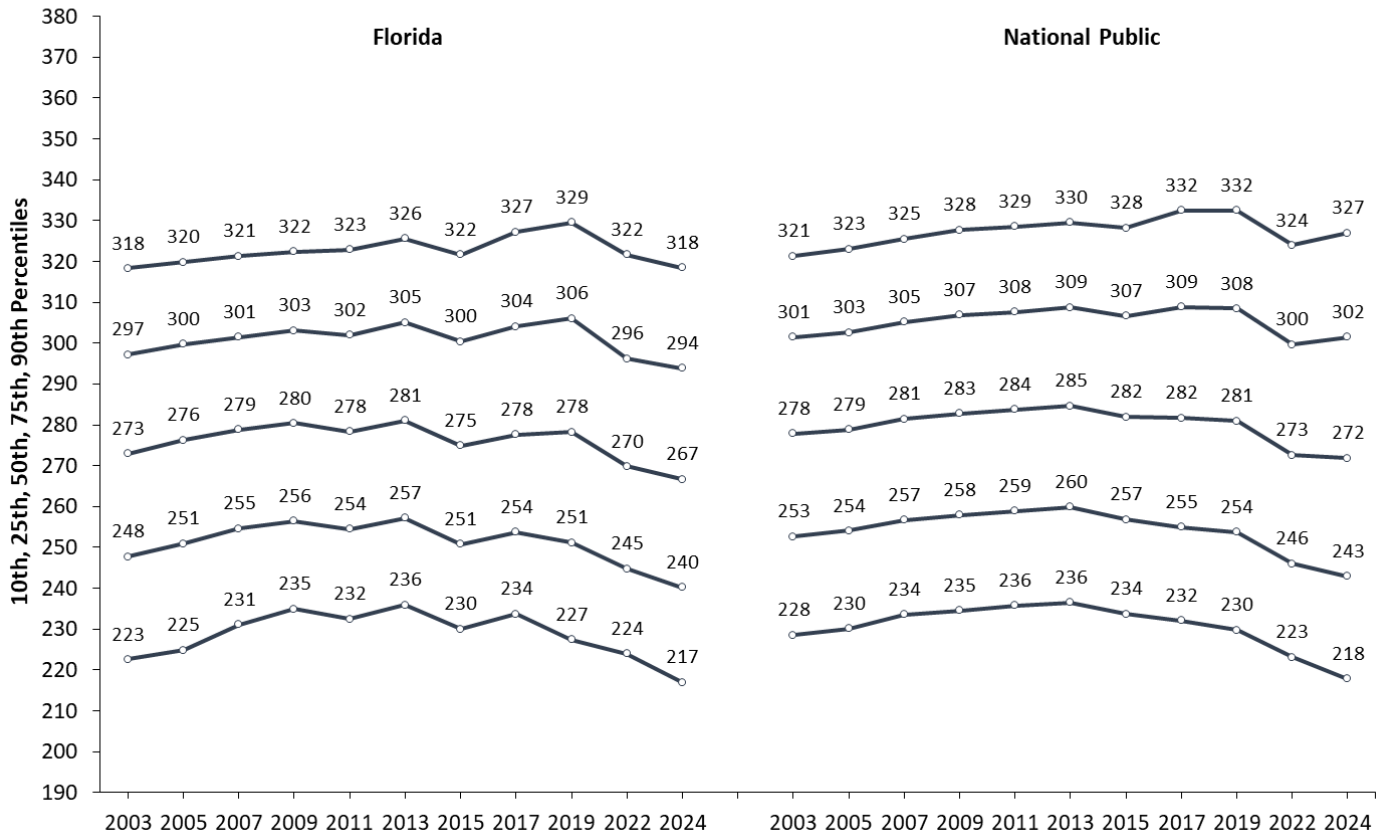
	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida Charter</b>	*	266	275	282	283	288	288	280	287	272	273	↔ compared to 2022	↔ compared to 2005
<b>Florida Non-Charter</b>	*	274	277	279	278	280	274	279	278	271	266	↓5pts compared to 2022	↓8pts compared to 2005
<b>FL Charter Compared to FL Non-Charter</b>	*	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>National Public Charter</b>	*	268	273	275	281	281	279	282	277	268	272	↔ compared to 2022	↔ compared to 2005
<b>National Public Non-Charter</b>	*	278	280	282	283	284	281	282	281	273	272	↓1pt compared to 2022	↓5pts compared to 2005
<b>NP Charter Compared to NP Non-Charter</b>	*	↓	↓	↓	↔	↔	↔	↔	↓	↓	↔		

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida Charter</b>	*	266	275	282	283	288	288	280	287	272	273	↔ compared to 2022	↔ compared to 2005
<b>National Public Charter</b>	*	268	273	275	281	281	279	282	277	268	272	↔ compared to 2022	↔ compared to 2005
<b>FL Charter Compared to NP Charter</b>	*	↔	↔	↔	↔	↔	↔	↔	↑	↔	↔		

↑ = significantly higher   ↓ = significantly lower   ↔ = not significantly different   \* Charter school status not reported.  
 NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics**  
Percentiles: 2003-2024



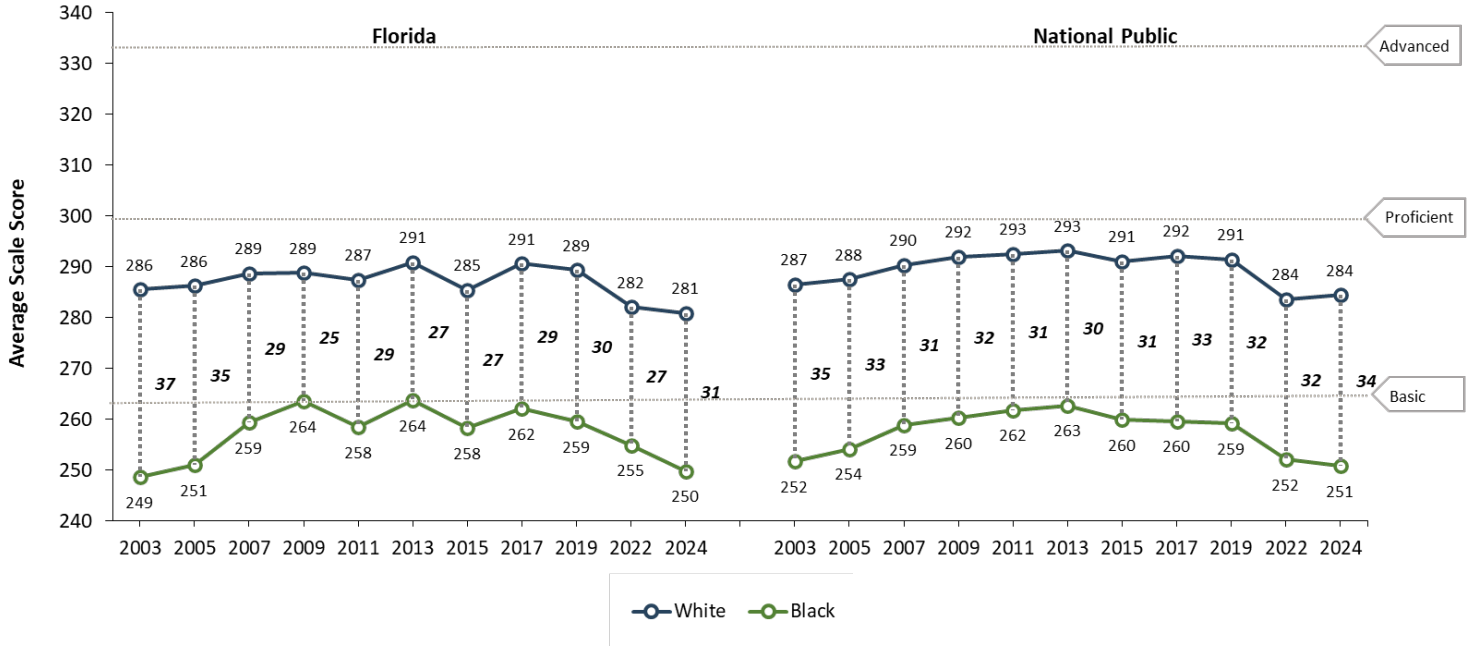
**NAEP Grade 8 Mathematics**  
**Percentiles - Florida (FL) and National Public (NP)**

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary
<b>Florida 90th Percentile</b>	318	320	321	322	323	326	322	327	329	322	318	↔ compared to 2022
<b>Florida 75th Percentile</b>	297	300	301	303	302	305	300	304	306	296	294	↔ compared to 2022
<b>Florida 50th Percentile</b>	273	276	279	280	278	281	275	278	278	270	267	↔ compared to 2022
<b>Florida 25th Percentile</b>	248	251	255	256	254	257	251	254	251	245	240	↓5pts compared to 2022
<b>Florida 10th Percentile</b>	223	225	231	235	232	236	230	234	227	224	217	↓7pts compared to 2022

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary
<b>National Public 90th Percentile</b>	321	323	325	328	329	330	328	332	332	324	327	↑3pts compared to 2022
<b>National Public 75th Percentile</b>	301	303	305	307	308	309	307	309	308	300	302	↑2pts compared to 2022
<b>National Public 50th Percentile</b>	278	279	281	283	284	285	282	282	281	273	272	↔ compared to 2022
<b>National Public 25th Percentile</b>	253	254	257	258	259	260	257	255	254	246	243	↓3pts compared to 2022
<b>National Public 10th Percentile</b>	228	230	234	235	236	236	234	232	230	223	218	↓5pts compared to 2022

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

**NAEP Grade 8 Mathematics**  
Average Scale Scores: 2003-2024  
White-Black Gaps



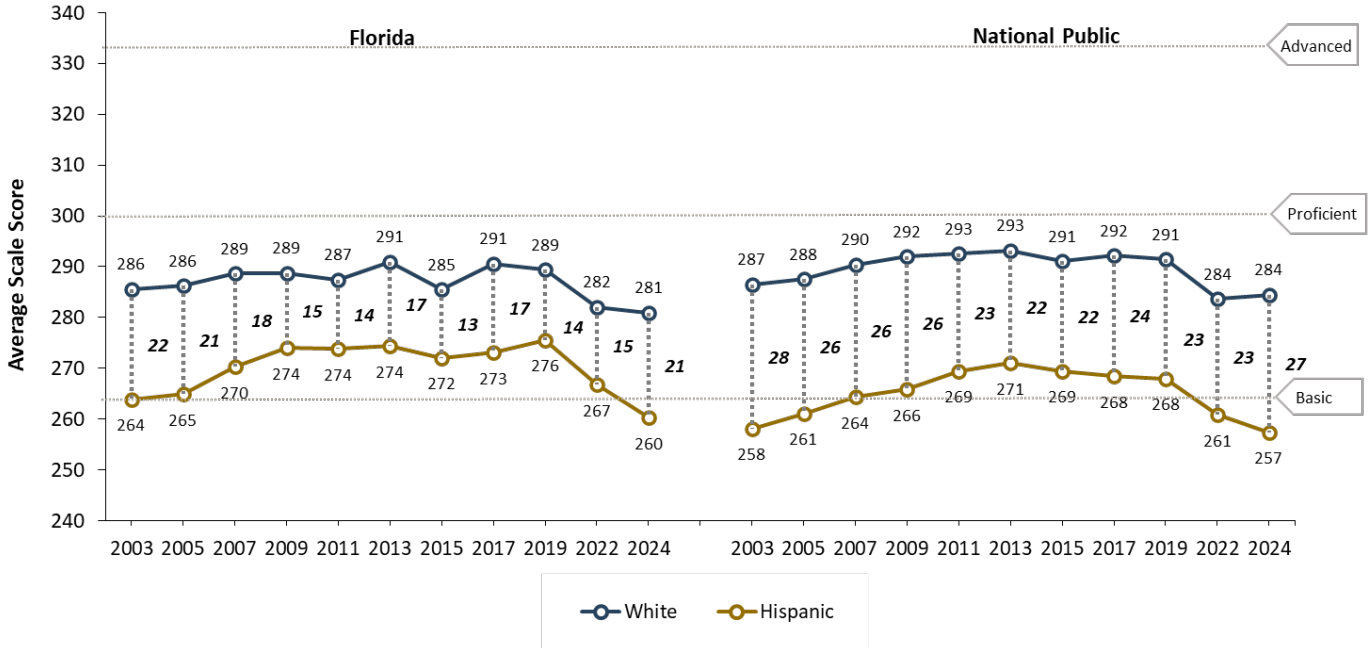
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences may not be statistically significant. Calculations were performed using unrounded numbers.

**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	2022	2024	2024 Results Summary	
<b>Florida White</b>	286	286	289	289	287	291	285	291	289	282	281		
<b>Florida Black</b>	249	251	259	264	258	264	258	262	259	255	250		
<b>FL White-Black Gap</b>	37	35	29	25	29	27	27	29	30	27	31	↔ compared to 2022	↔ compared to 2003
<b>FL Gap Rank Among States</b>	#28	#28	#22	#7	#21	#9	#9	#12	#16	#5	#12		
<b>NP White</b>	287	288	290	292	293	293	291	292	291	284	284		
<b>NP Black</b>	252	254	259	260	262	263	260	260	259	252	251		
<b>NP White-Black Gap</b>	35	33	31	32	31	30	31	33	32	32	34	> 2pts compared to 2022	↔ compared to 2003
<b>FL Gap Compared to NP Gap</b>	↔	↔	↔	<	↔	↔	↔	↔	↔	↔	↔		

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

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*White-Hispanic Gaps*



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

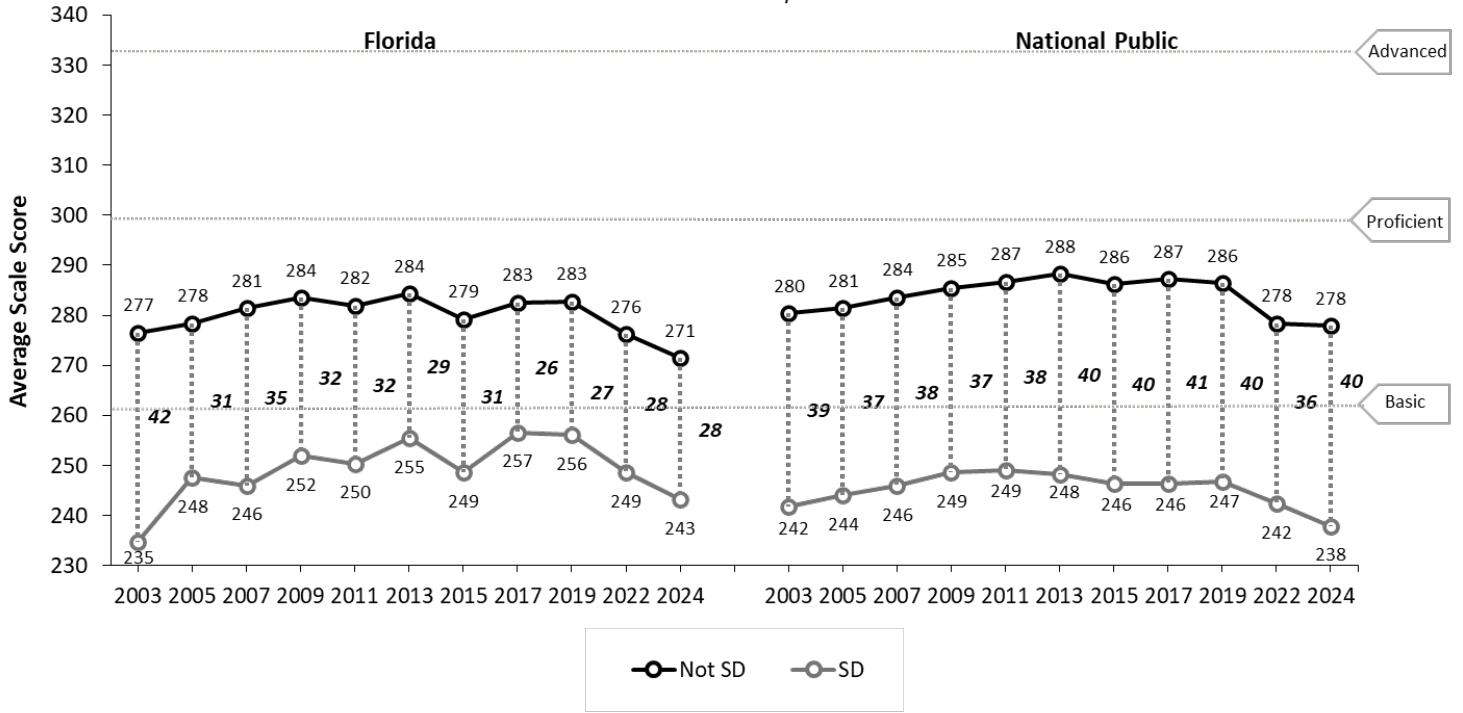
**NAEP Grade 8 Mathematics**  
**Average Scale Score Data - Florida (FL) and National Public (NP)**  
**White-Hispanic Gaps**

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida White</b>	286	286	289	289	287	291	285	291	289	282	281		
<b>Florida Hispanic</b>	264	265	270	274	274	274	272	273	276	267	260		
<b>FL White-Hispanic Gap</b>	22	21	18	15	14	17	13	17	14	15	21	↔ compared to 2022	↔ compared to 2003
<b>FL Gap Rank Among States</b>	#9	#8	#6	#5	#5	#13	#4	#15	#6	#6	#8		
<b>NP White</b>	287	288	290	292	293	293	291	292	291	284	284		
<b>NP Hispanic</b>	258	261	264	266	269	271	269	268	268	261	257		
<b>NP White-Hispanic Gap</b>	28	26	26	26	23	22	22	24	23	23	27	> 4pts compared to 2022	↔ compared to 2003
<b>FL Gap Compared to NP Gap</b>	<	<	<	<	<	<	<	<	<	<	<		

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

NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*Not SD-SD Gaps*



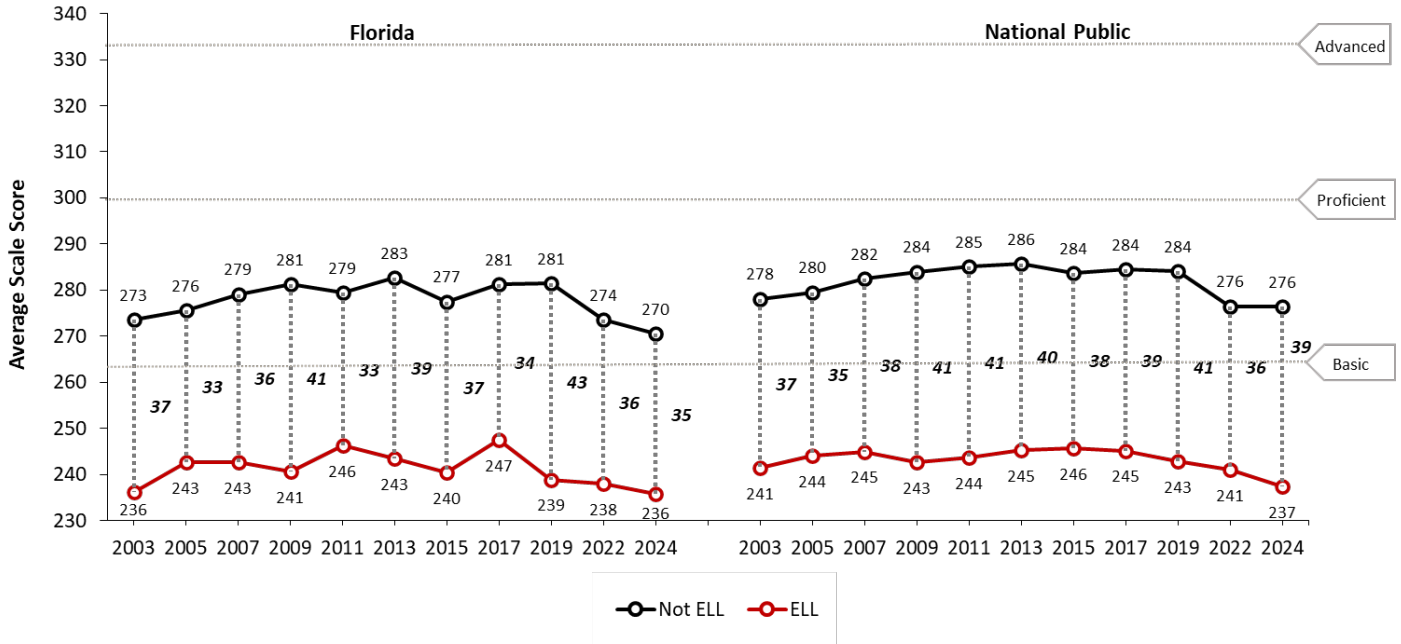
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences may not be statistically significant. Calculations were performed using unrounded numbers.

**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	2022	2024	2024 Results Summary	
<b>Florida Not SD</b>	277	278	281	284	282	284	279	283	283	276	271		
<b>Florida SD</b>	235	248	246	252	250	255	249	257	256	249	243		
<b>FL Not SD-SD Gap</b>	42	31	35	32	32	29	31	26	27	28	28	↔ compared to 2022	< 14pts compared to 2003
<b>FL Gap Rank Among States</b>	#35	#2	#18	#3	#6	#1	#1	#1	#1	#1	#1		
<b>National Public Not SD</b>	280	281	284	285	287	288	286	287	286	278	278		
<b>National Public SD</b>	242	244	246	249	249	248	246	246	247	242	238		
<b>NP Not SD-SD Gap</b>	39	37	38	37	38	40	40	41	40	36	40	< 4pts compared to 2022	↔ compared to 2003
<b>FL Gap Compared to NP Gap</b>	↔	<	↔	↔	<	<	<	<	<	<	<		

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

**NAEP Grade 8 Mathematics**  
Average Scale Scores: 2003-2024  
Not ELL-ELL Gaps



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

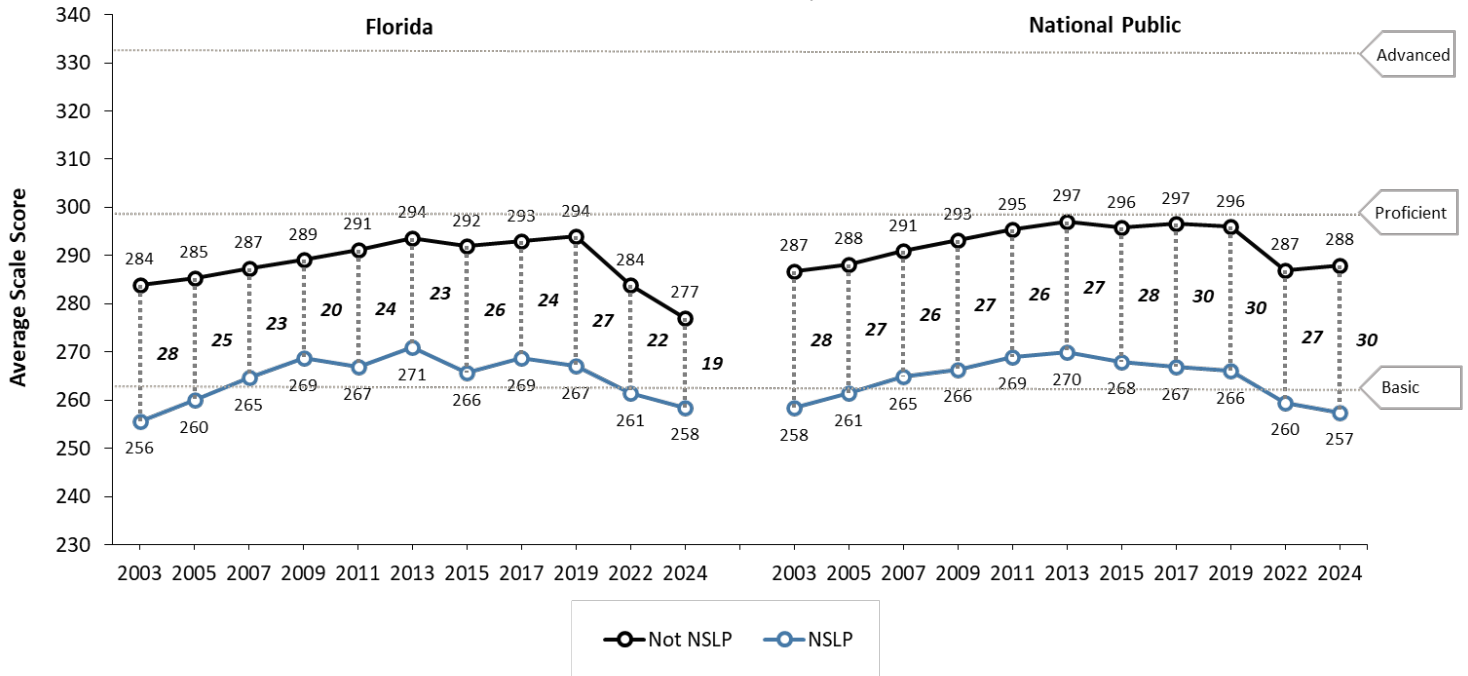
**NAEP Grade 8 Mathematics**  
**Average Scale Score Data - Florida (FL) and National Public (NP)**  
**Not ELL-ELL Gaps**

	2003	2005	2007	2009	2011	2013	2015	2017	2019	2022	2024	2024 Results Summary	
<b>Florida Not ELL</b>	273	276	279	281	279	283	277	281	281	274	270		
<b>Florida ELL</b>	236	243	243	241	246	243	240	247	239	238	236		
<b>FL Not ELL-ELL Gap</b>	37	33	36	41	33	39	37	34	43	36	35	↔ compared to 2022	↔ compared to 2003
<b>FL Gap Rank Among States</b>	#17	#13	#17	#17	#11	#14	#15	#7	#18	#19	#9		
<b>NP Not ELL</b>	278	280	282	284	285	286	284	284	284	276	276		
<b>NP ELL</b>	241	244	245	243	244	245	246	245	243	241	237		
<b>NP Not ELL-ELL Gap</b>	37	35	38	41	41	40	38	39	41	36	39	> 4pts compared to 2022	↔ compared to 2003
<b>FL Gap Compared to NP Gap</b>	↔	↔	↔	↔	<	↔	↔	↔	↔	↔	↔		

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

NOTE: Calculations were performed using unrounded numbers.

**NAEP Grade 8 Mathematics**  
**Average Scale Scores: 2003-2024**  
*Not NSLP-NSLP Gaps*



NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences may not be 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	2022	2024	2024 Results Summary	
<b>Florida Not NSLP</b>	284	285	287	289	291	294	292	293	294	284	277		
<b>Florida NSLP</b>	256	260	265	269	267	271	266	269	267	261	258		
<b>FL Not NSLP-NSLP Gap</b>	28	25	23	20	24	23	26	24	27	22	19	↔ compared to 2022	< 10pts compared to 2003
<b>FL Gap Rank Among States</b>	#37	#32	#22	#8	#27	#12	#26	#11	#23	#11	#1		
<b>NP Not NSLP</b>	287	288	291	293	295	297	296	297	296	287	288		
<b>NP NSLP</b>	258	261	265	266	269	270	268	267	266	260	257		
<b>NP Not NSLP-NSLP Gap</b>	28	27	26	27	26	27	28	30	30	27	30	> 3pts compared to 2022	> 2pts compared to 2003
<b>FL Gap Compared to NP Gap</b>	↔	↔	↔	<	↔	<	↔	<	↔	<	<		

> = 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: 2024**

**State Average Scale Score Comparisons**

Rank	Jurisdiction	Average Scale Score
1	Massachusetts	283
2	Wisconsin	283
3	Minnesota	282
4	Utah	282
5	New Jersey	282
6	South Dakota	281
7	Nebraska	280
8	North Dakota	280
9	New Hampshire	280
10	Montana	279
11	Ohio	279
12	Wyoming	278
13	Indiana	278
14	Colorado	278
15	Idaho	278
16	Illinois	277
17	Connecticut	277
18	Pennsylvania	276
19	Tennessee	276
20	North Carolina	276
21	Vermont	276
22	Virginia	275
23	Iowa	275
24	Kansas	274
25	Washington	274
26	Maine	273
†	<b>National public</b>	<b>272</b>
27	New York	271
28	Kentucky	271
29	Missouri	270
30	Hawaii	270
31	Michigan	270
32	Rhode Island	270
33	Arizona	270
34	Texas	269
35	Mississippi	269
36	California	269
37	Georgia	269
38	Maryland	268
39	South Carolina	268
40	Oregon	268
41	<b>Florida</b>	<b>267</b>
42	Louisiana	267
43	Arkansas	266
44	Nevada	265
45	Oklahoma	264
46	Alaska	264
47	Delaware	263
48	Alabama	262
49	DC	262
50	West Virginia	261
51	New Mexico	256

**State Achievement Level Comparisons - Percentage At or Above NAEP Basic**

Rank	Jurisdiction	% At or Above Basic
1	North Dakota	71
2	South Dakota	71
3	Minnesota	71
4	Utah	70
5	Wisconsin	69
6	New Hampshire	69
7	Nebraska	69
8	Massachusetts	68
9	Montana	68
10	Wyoming	68
11	Idaho	67
12	Indiana	67
13	Colorado	65
14	Ohio	65
15	New Jersey	65
16	Iowa	65
17	Vermont	64
18	Pennsylvania	63
19	Connecticut	63
20	Kansas	63
21	Virginia	63
22	North Carolina	62
23	Tennessee	62
24	Illinois	62
25	Maine	61
26	Missouri	59
27	Washington	59
†	<b>National public</b>	<b>59</b>
28	Hawaii	58
29	Kentucky	58
30	New York	58
31	Mississippi	57
32	Rhode Island	57
33	Michigan	57
34	Arizona	57
35	Georgia	56
36	Texas	56
37	Oregon	55
38	South Carolina	55
39	<b>Florida</b>	<b>55</b>
40	Arkansas	54
41	California	54
42	Alaska	54
43	Louisiana	54
44	Maryland	54
45	Oklahoma	53
46	Nevada	52
47	Delaware	51
48	Alabama	50
49	West Virginia	48
50	DC	46
51	New Mexico	42

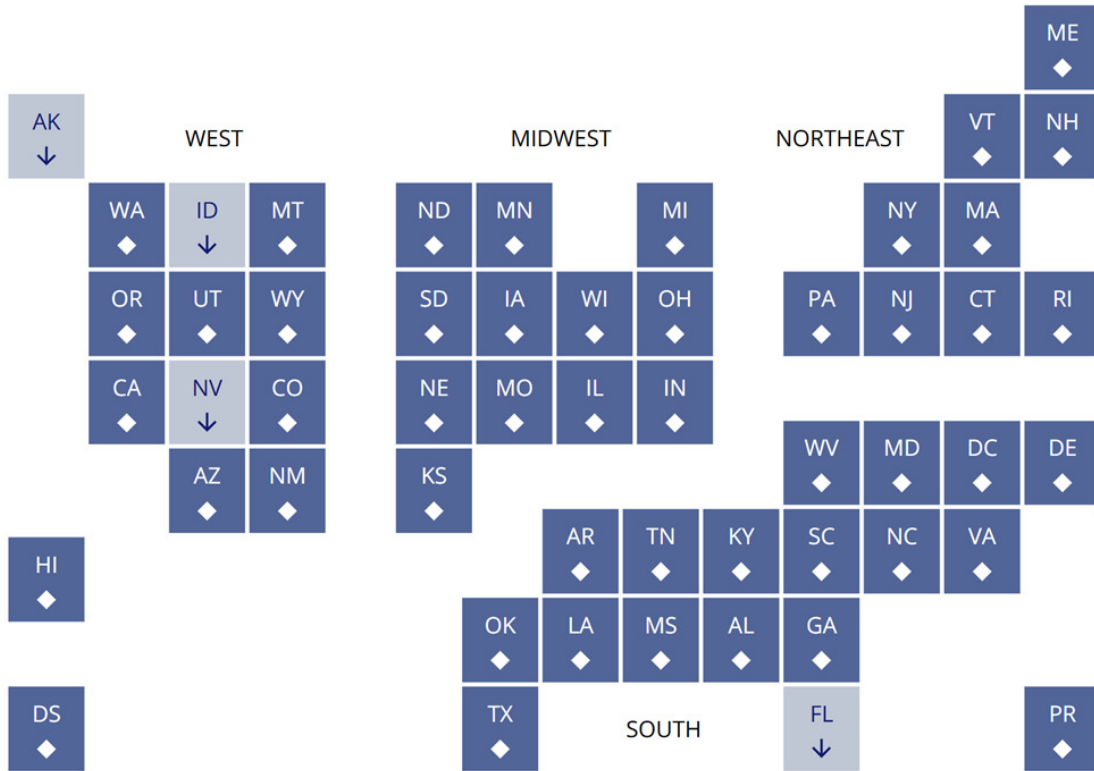
**State Achievement Level Comparisons - Percentage At or Above NAEP Proficient**

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

= 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: 2022-2024**



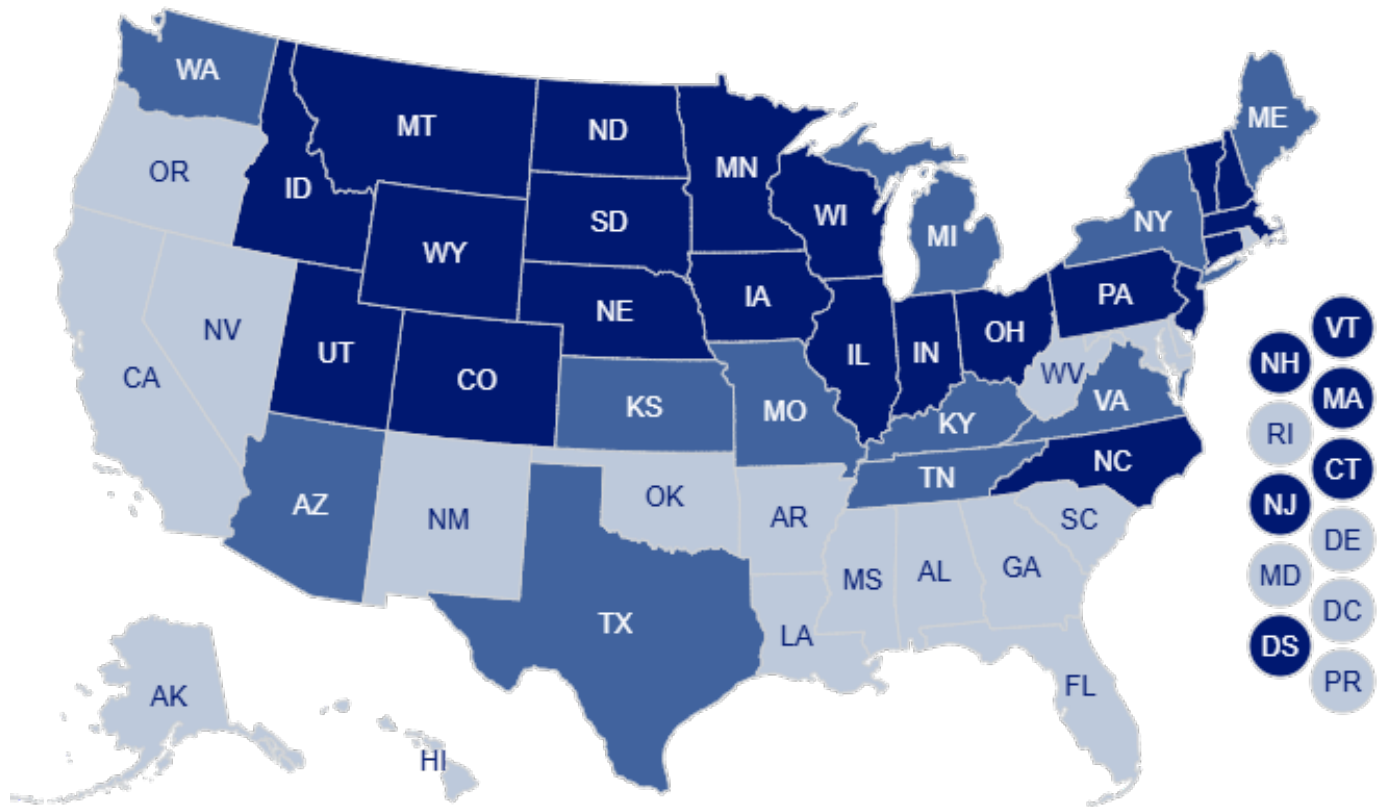
**Between 2022 and 2024**

decreased      no significant change      increased

<b>0</b> states/jurisdictions ↑ had a score increase	<b>49</b> states/jurisdictions ↔ had no significant change in score	<b>+ National Public</b>	<b>4</b> states/jurisdictions ↓ had a score decrease
	Alabama Arizona Arkansas California Colorado Connecticut Delaware DC DoDEA Georgia Hawaii Illinois Indiana Iowa Kansas Kentucky Louisiana	Maine Maryland Massachusetts Michigan Minnesota Mississippi Missouri Montana Nebraska New Hampshire New Jersey New Mexico New York North Carolina North Dakota Ohio	Oklahoma Oregon Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin Wyoming
			Alaska <b>Florida</b> Idaho Nevada

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: 2024**



<b>22</b> states/jurisdictions ↑ performed significantly higher than National Public	<b>11</b> states/jurisdictions ↔ not significantly different than National Public	<b>20</b> states/jurisdictions ↓ performed significantly lower than National Public
<ul style="list-style-type: none"> <li style="width: 50%;">Colorado</li> <li style="width: 50%;">New Hampshire</li> <li style="width: 50%;">Connecticut</li> <li style="width: 50%;">New Jersey</li> <li style="width: 50%;">DoDEA</li> <li style="width: 50%;">North Carolina</li> <li style="width: 50%;">Idaho</li> <li style="width: 50%;">North Dakota</li> <li style="width: 50%;">Illinois</li> <li style="width: 50%;">Ohio</li> <li style="width: 50%;">Indiana</li> <li style="width: 50%;">Pennsylvania</li> <li style="width: 50%;">Iowa</li> <li style="width: 50%;">South Dakota</li> <li style="width: 50%;">Massachusetts</li> <li style="width: 50%;">Utah</li> <li style="width: 50%;">Minnesota</li> <li style="width: 50%;">Vermont</li> <li style="width: 50%;">Montana</li> <li style="width: 50%;">Wisconsin</li> <li style="width: 50%;">Nebraska</li> <li style="width: 50%;">Wyoming</li> </ul>	<ul style="list-style-type: none"> <li style="width: 50%;">Arizona</li> <li style="width: 50%;">New York</li> <li style="width: 50%;">Kansas</li> <li style="width: 50%;">Tennessee</li> <li style="width: 50%;">Kentucky</li> <li style="width: 50%;">Texas</li> <li style="width: 50%;">Maine</li> <li style="width: 50%;">Virginia</li> <li style="width: 50%;">Michigan</li> <li style="width: 50%;">Washington</li> <li style="width: 50%;">Missouri</li> </ul>	<ul style="list-style-type: none"> <li style="width: 50%;">Alabama</li> <li style="width: 50%;">Maryland</li> <li style="width: 50%;">Alaska</li> <li style="width: 50%;">Mississippi</li> <li style="width: 50%;">Arkansas</li> <li style="width: 50%;">Nevada</li> <li style="width: 50%;">California</li> <li style="width: 50%;">New Mexico</li> <li style="width: 50%;">Delaware</li> <li style="width: 50%;">Oklahoma</li> <li style="width: 50%;">DC</li> <li style="width: 50%;">Oregon</li> <li style="width: 50%;"><b>Florida</b></li> <li style="width: 50%;">Georgia</li> <li style="width: 50%;">Puerto Rico</li> <li style="width: 50%;">Hawaii</li> <li style="width: 50%;">Rhode Island</li> <li style="width: 50%;">Louisiana</li> <li style="width: 50%;">South Carolina</li> <li style="width: 50%;">West Virginia</li> </ul>

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