

**2003-2013 NAEP Florida and National Public  
Grade 8 Mathematics Average Scale Scores and Percentiles**

Overall/Subgroups	FLORIDA (FL)						FL Compared to NP		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	2011	2013	2003	2005	2007	2009	2011	2013
Overall	271	274	277	279	278	281 <sup>^*</sup>	<	<	276	278	280	282	283	284 <sup>^*</sup>
White	286	286	289	289	287	291 <sup>^</sup>	<	=	287	288	290	292	293	293 <sup>^</sup>
African-American	249	251	259	264	258	264 <sup>^</sup>	<	=	252	254	259	260	262	263 <sup>^</sup>
Hispanic	264	265	270	274	274	274 <sup>^</sup>	>	>	258	261	264	266	269	271 <sup>^*</sup>
Asian/Pacific Islander	287	299	293	302	312	310 <sup>^</sup>	=	=	289	294	296	300	302	306 <sup>^*</sup>
Male	273	276	278	281	278	282 <sup>^*</sup>	<	<	277	278	281	283	283	284 <sup>^</sup>
Female	269	272	277	278	277	280 <sup>^</sup>	<	<	275	277	279	281	282	283 <sup>^*</sup>
Eligible NSLP	256	260	265	269	267	271 <sup>^*</sup>	<	=	258	261	265	266	269	270 <sup>^*</sup>
Not Eligible NSLP	284	285	287	289	291	294 <sup>^</sup>	<	<	287	288	291	293	295	297 <sup>^*</sup>
SD - Yes	235	248	246	252	250	255 <sup>^</sup>	=	>	242	244	246	249	249	248 <sup>^</sup>
ELL - Yes	236	243	243	241	246	243	=	=	241	244	245	243	244	245 <sup>^</sup>

Gaps Average Scale Scores	FLORIDA (FL)						FL and NP Gap Changes 2003-2013		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	FL	NP	2003	2005	2007	2009	2011	2013
White/Hispanic	22 <sup>†</sup>	21 <sup>†</sup>	19 <sup>†</sup>	15 <sup>†</sup>	13 <sup>†</sup>	17 <sup>†</sup>	No significant change	Narrowed	29	27	26	26	24	22
White/African-American	37	35	30	25 <sup>†</sup>	29	27	Narrowed	Narrowed	35	34	31	32	31	30

Overall Percentiles	FLORIDA (FL)						FL Compared to NP		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	2011	2013	2003	2005	2007	2009	2011	2013
90th	318	320	321	322	323	326 <sup>^</sup>	<	<	321	323	325	328	329	330 <sup>^*</sup>
75th	297	300	301	303	302	305 <sup>^</sup>	<	<	301	303	305	307	308	309 <sup>^*</sup>
50th	273	276	279	280	278	281 <sup>^*</sup>	<	<	278	279	281	283	284	285 <sup>^*</sup>
25th	248	251	255	256	254	257 <sup>^</sup>	<	<	253	254	257	258	259	260 <sup>^</sup>

**Legend**

**2003-2013 Florida-Florida and Nation-Nation Comparisons**

\* Statistically different from 2011 (also indicated by olive green shading)

<sup>^</sup> Statistically different from 2003

<sup>†</sup> Florida's gap smaller than the nation's gap for that year (also indicated by gold shading)

**2011 and 2013 Florida-National Public (NP) Comparisons**

> Florida significantly higher than nation's public schools

= No significant difference between Florida and nation's public schools

< Florida significantly lower than the nation's public schools

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Score gaps are calculated based on differences between unrounded average scores. NSLP = National School Lunch Program. SD = Students with Disabilities. ELL = English Language Learners.

Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP).

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2013.

**2003-2013 NAEP Florida and National Public  
Grade 8 Mathematics Percent at or above *Basic***

Overall/Subgroups	FLORIDA (FL)						FL Compared to NP		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	2011	2013	2003	2005	2007	2009	2011	2013
Overall	62%	65%	68%	70%	68%	70%^	<	<	67%	68%	70%	71%	72%	73%^*
White	78%	78%	80%	80%	79%	81%	<	=	79%	79%	81%	82%	83%	83%^
African-American	36%	39%	48%	53%	46%	51%^	<	=	39%	41%	47%	49%	50%	51%^
Hispanic	53%	56%	61%	66%	65%	65%^	>	=	47%	50%	54%	56%	60%	62%^
Asian/Pacific Islander	75%	87%	80%	87%	92%	91%	=	=	77%	81%	82%	84%	85%	87%^
Male	64%	67%	68%	71%	68%	71%^	<	=	67%	68%	71%	72%	72%	73%^
Female	59%	63%	68%	69%	68%	70%^	<	<	66%	67%	70%	71%	72%	73%^
Eligible NSLP	45%	50%	55%	59%	57%	61%^	=	=	47%	51%	55%	57%	59%	61%^
Not Eligible NSLP	75%	77%	78%	80%	81%	83%^	<	<	78%	79%	81%	83%	84%	86%^*
SD - Yes	24%	37%	34%	39%	34%	41%^	=	>	29%	31%	33%	36%	35%	34%^
ELL - Yes	22%	30%	28%	30%	33%	28%	=	=	26%	29%	30%	28%	28%	31%^

Gaps-Percent at or above <i>Basic</i>	FLORIDA (FL)						FL and NP Gap Changes 2003-2013		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	FL	NP	2003	2005	2007	2009	2011	2013
White/Hispanic	25%	22%†	19%†	14%†	14%†	16%†	No significant change	Narrowed	32%	29%	27%	26%	23%	21%
White/African-American	42%	39%	32%	27%†	33%	30%	Narrowed	Narrowed	40%	38%	34%	33%	33%	32%

At or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work.

**Legend**

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Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP).

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2013.

**2003-2013 NAEP Florida and National Public  
Grade 8 Mathematics Percent at or above *Proficient***

Overall/Subgroups	FLORIDA (FL)						FL Compared to NP		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	2011	2013	2003	2005	2007	2009	2011	2013
Overall	23%	26%	27%	29%	28%	31% <sup>^*</sup>	<	<	27%	28%	31%	33%	34%	34% <sup>^*</sup>
White	34%	36%	37%	39%	37%	40% <sup>^</sup>	<	<	36%	37%	41%	43%	43%	44% <sup>^</sup>
African-American	7%	8%	11%	13%	11%	14% <sup>^</sup>	=	=	7%	8%	11%	12%	13%	14% <sup>^</sup>
Hispanic	16%	16%	21%	22%	22%	24% <sup>^</sup>	=	>	11%	13%	15%	17%	20%	21% <sup>^</sup>
Asian/Pacific Islander	41%	51%	48%	55%	65%	65% <sup>^</sup>	=	=	42%	46%	49%	53%	55%	60% <sup>^*</sup>
Male	26%	28%	29%	31%	29%	32% <sup>^</sup>	<	<	29%	30%	33%	34%	34%	35% <sup>^</sup>
Female	21%	23%	26%	27%	27%	30% <sup>^</sup>	<	<	26%	27%	29%	31%	33%	34% <sup>^</sup>
Eligible NSLP	11%	13%	16%	18%	16%	20% <sup>^*</sup>	<	=	11%	13%	15%	17%	19%	20% <sup>^*</sup>
Not Eligible NSLP	34%	36%	37%	40%	42%	44% <sup>^</sup>	<	<	37%	39%	42%	45%	47%	49% <sup>^*</sup>
SD - Yes	5%	13%	8%	8%	9%	10%	=	=	6%	7%	8%	9%	9%	8% <sup>^</sup>
ELL - Yes	2%	4%	6%	4%	5%	5%	=	=	5%	6%	6%	5%	5%	5%

Gaps-Percent at or above <i>Basic</i>	FLORIDA (FL)						FL and NP Gap Changes 2003-2013		NATIONAL PUBLIC (NP)					
	2003	2005	2007	2009	2011	2013	FL	NP	2003	2005	2007	2009	2011	2013
White/Hispanic	18% <sup>†</sup>	20%	16% <sup>†</sup>	17% <sup>†</sup>	15% <sup>†</sup>	16% <sup>†</sup>	No significant change	No significant change	25%	24%	26%	26%	23%	23%
White/African-American	27%	28%	26%	26%	26%	26%	No significant change	No significant change	29%	29%	30%	31%	30%	30%

At or above *Proficient*: Mastery of complex material; higher than grade level performance.

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