

**2003-2015 NAEP Florida and National Public
Grade 8 Mathematics Average Scale Scores and Gaps**

Overall/Subgroups	FLORIDA (FL)							FL Compared to NP		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	2013	2015	2003	2005	2007	2009	2011	2013	2015
Overall	271	274	277	279	278	281	275*	<	<	276	278	280	282	283	284	281 [^] *
White	286	286	289	289	287	291	285*	↔	<	287	288	290	292	293	293	291 [^] *
Black	249	251	259	264	258	264	258 [^]	↔	↔	252	254	259	260	262	263	260 [^] *
Hispanic	264	265	270	274	274	274	272 [^]	>	↔	258	261	264	266	269	271	269 [^] *
Asian/Pacific Islander	287	299	293	302	312	310	297	↔	<	289	294	296	300	302	306	305 [^]
Male	273	276	278	281	278	282	275*	<	<	277	278	281	283	283	284	281 [^] *
Female	269	272	277	278	277	280	276 [^] *	<	<	275	277	279	281	282	283	281 [^] *
Eligible NSLP	256	260	265	269	267	271	266 [^] *	↔	↔	258	261	265	266	269	270	268 [^] *
Not Eligible NSLP	284	285	287	289	291	294	292 [^]	<	<	287	288	291	293	295	297	296 [^] *
SD - Yes	235	248	246	252	250	255	249 [^] *	>	↔	242	244	246	249	249	248	246 [^] *
ELL - Yes	236	243	243	241	246	243	240	↔	↔	241	244	245	243	244	245	246 [^]

Gaps Average Scale Scores	FLORIDA (FL)							FL and NP Gap Changes 2003-2015		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	FL	NP	2003	2005	2007	2009	2011	2013	2015
White/Hispanic	22 [†]	21 [†]	19 [†]	15 [†]	13 [†]	17 [†]	13 [†]	↓	↓	29	27	26	26	24	22	22
White/Black	37	35	30	25 [†]	29	27	27	↓	↓	35	34	31	32	31	30	31
Eligible/Not Eligible	28	25	22	20	24	23	26	↔	↔	28	27	26	27	26	27	28

Grade 8 Mathematics Percentiles

Overall Percentiles	FLORIDA (FL)							FL Compared to NP		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	2013	2015	2003	2005	2007	2009	2011	2013	2015
90th	318	320	321	322	323	326	322 [^]	<	<	321	323	325	328	329	330	328 [^] *
75th	297	300	301	303	302	305	300*	<	<	301	303	305	307	308	309	307 [^] *
50th	273	276	279	280	278	281	275*	<	<	278	279	281	283	284	285	282 [^] *
25th	248	251	255	256	254	257	251*	<	<	253	254	257	258	259	260 [^]	257 [^] *

Legend

2003-2015 Florida-Florida and Nation-Nation Score and Gap Comparisons

- * Statistically different from 2013
- [^] Statistically different from 2003
- [†] Florida's gap smaller than the nation's gap for that year (also indicated by gold shading)
- [‡] Gaps increased significantly
- [↓] Decreased significantly
- ↔ No significant differences in the gaps

2013 and 2015 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
- Highlighted achievement level cells indicate a change between Florida's and the nation's 2013 and 2015 scores

Highlighted gap cells indicate a difference between Florida's and the Nation's gaps between 2003 and 2015

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: 2003-2015.

**2003-2015 NAEP Florida and National Public
Grade 8 Mathematics Percent at or above *Basic* and Gaps**

Overall/Subgroups	FLORIDA (FL)							FL Compared to NP		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	2013	2015	2003	2005	2007	2009	2011	2013	2015
Overall	62%	65%	68%	70%	68%	70%	64%*	<	<	67%	68%	70%	71%	72%	73%	70%^*
White	78%	78%	80%	80%	79%	81%	75%	↔	<	79%	79%	81%	82%	83%	83%	81%^*
Black	36%	39%	48%	53%	46%	51%	45%	↔	↔	39%	41%	47%	49%	50%	51%	47%^*
Hispanic	53%	56%	61%	66%	65%	65%	61%	↔	↔	47%	50%	54%	56%	60%	62%	60%^*
Asian/Pacific Islander	75%	87%	80%	87%	92%	91%	83%	↔	↔	77%	81%	82%	84%	85%	87%	86%^
Male	64%	67%	68%	71%	68%	71%	63%*	↔	<	67%	68%	71%	72%	72%	73%	70%^*
Female	59%	63%	68%	69%	68%	70%	65%	<	<	66%	67%	70%	71%	72%	73%	71%^*
Eligible NSLP	45%	50%	55%	59%	57%	61%	55%^*	↔	↔	47%	51%	55%	57%	59%	61%	58%^*
Not Eligible NSLP	75%	77%	78%	80%	81%	83%	80%^	<	<	78%	79%	81%	83%	84%	86%	84%^*
SD - Yes	24%	37%	34%	39%	34%	41%	32%	>	↔	29%	31%	33%	36%	35%	34%	32%^*
ELL - Yes	22%	30%	28%	30%	33%	28%	23%	↔	↔	26%	29%	30%	28%	28%	31%	31%^

Gaps-Percent at or above <i>Basic</i>	FLORIDA (FL)							FL and NP Gap Changes 2003-2015		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	FL	NP	2003	2005	2007	2009	2011	2013	2015
White/Hispanic	25%	22%†	19%†	14%†	14%†	16%†	14%†	↓	↓	32%	29%	27%	26%	23%	21%	21%
White/Black	42%	39%	32%	27%†	33%	30%	30%	↓	↓	40%	38%	34%	33%	33%	32%	34%
Eligible/Not Eligible	30%	27%	23%	21%	24%	22%	25%	↔	↓	31%	28%	26%	26%	25%	25%	26%

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

Legend

2003-2015 Florida-Florida and Nation-Nation Score and Gap Comparisons

- * Statistically different from 2013
- ^ Statistically different from 2003
- † Florida's gap smaller than the nation's gap for that year (also indicated by gold shading)
- ↑ Gaps increased significantly
- ↓ Decreased significantly
- ↔ No significant differences in the gaps

2013 and 2015 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
- Highlighted achievement level cells indicate a change between Florida's and the nation's 2013 and 2015 scores

Highlighted gap cells indicate a difference between Florida's and the Nation's gaps between 2003 and 2015

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: 2003-2015.

**2003-2015 NAEP Florida and National Public
Grade 8 Mathematics Percent at or above *Proficient* and Gaps**

Overall/Subgroups	FLORIDA (FL)							FL Compared to NP		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	2013	2015	2003	2005	2007	2009	2011	2013	2015
Overall	23%	26%	27%	29%	28%	31%	26%*	<	<	27%	28%	31%	33%	34%	34%	32%* [^]
White	34%	36%	37%	39%	37%	40%	36%	<	<	36%	37%	41%	43%	43%	44%	42% [^] *
Black	7%	8%	11%	13%	11%	14%	11%	↔	↔	7%	8%	11%	12%	13%	14%	12% [^] *
Hispanic	16%	16%	21%	22%	22%	24%	22%	>	↔	11%	13%	15%	17%	20%	21%	19% [^]
Asian/Pacific Islander	41%	51%	48%	55%	65%	65%	51%	↔	↔	42%	46%	49%	53%	55%	60%	58% [^]
Male	26%	28%	29%	31%	29%	32%	26%*	<	<	29%	30%	33%	34%	34%	35%	32% [^] *
Female	21%	23%	26%	27%	27%	30%	27%[^]	<	<	26%	27%	29%	31%	33%	34%	32% [^] *
Eligible NSLP	11%	13%	16%	18%	16%	20%	16%[^]*	↔	↔	11%	13%	15%	17%	19%	20%	18% [^] *
Not Eligible NSLP	34%	36%	37%	40%	42%	44%	44%[^]	<	↔	37%	39%	42%	45%	47%	49%	48% [^] *
SD - Yes	5%	13%	8%	8%	9%	10%	6%	↔	↔	6%	7%	8%	9%	9%	8%	8% [^]
ELL - Yes	2%	4%	6%	4%	5%	5%	4%	↔	↔	5%	6%	6%	5%	5%	5%	5%

Gaps-Percent at or above <i>Basic</i>	FLORIDA (FL)							FL and NP Gap Changes 2003-2015		NATIONAL PUBLIC (NP)						
	2003	2005	2007	2009	2011	2013	2015	FL	NP	2003	2005	2007	2009	2011	2013	2015
White/Hispanic	18%[†]	20%	16%[†]	17%[†]	15%[†]	16%[†]	14%[†]	↔	↓	25%	24%	26%	26%	23%	23%	23%
White/Black	27%	28%	26%	26%	26%	26%	25%	↔	↔	29%	29%	30%	31%	30%	30%	30%
Eligible/Not Eligible	23%	23%	21%	22%	26%	24%	28%	↔	↑	26%	25%	27%	28%	28%	29%	30%

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

Legend

2003-2015 Florida-Florida and Nation-Nation Score and Gap Comparisons

- * Statistically different from 2013
- [^] Statistically different from 2003
- [†] Florida's gap smaller than the nation's gap for that year (also indicated by gold shading)
- [‡] Gaps increased significantly
- [↓] Decreased significantly
- ↔ No significant differences in the gaps

2013 and 2015 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
- Highlighted achievement level cells indicate a change between Florida's and the nation's 2013 and 2015 scores

Highlighted gap cells indicate a difference between Florida's and the Nation's gaps between 2003 and 2015

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: 2003-2015.