

# 2003–2015 NAEP Mathematics NSLP Gaps, Grade 8



## Eligibility for National School Lunch Program (NSLP)

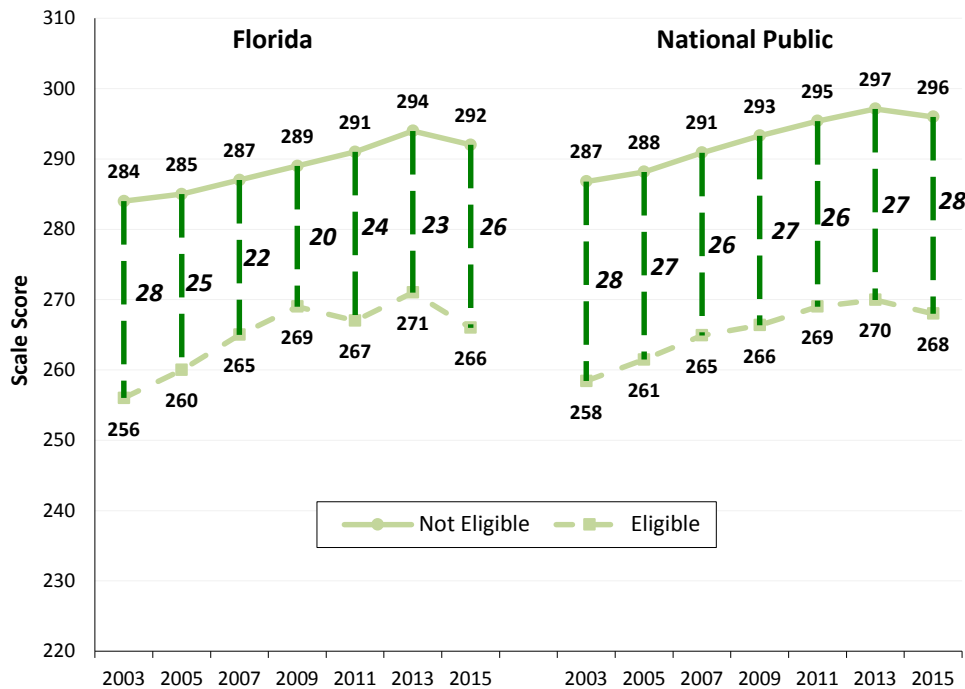
## Average Scale Scores, Florida (FL) vs. the National Public (NP)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

### NSLP Eligible/Not Eligible

NAEP Mathematics Grade 8 – National School Lunch Eligibility  
Average Scale Score and Gaps: 2003-2015



### NSLP Eligible/Not Eligible – Average Scale Scores Compared

Florida's (FL) average scale scores compared to the National Public's (NP) by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible, FL vs. NP	↔	↔	↔	↔	↓	↔	↔
Not Eligible, FL vs. NP	↔	↓	↓	↓	↓	↓	↓

### NSLP Eligible/Not Eligible – Changes in Average Scale Scores, 2003–2015

Florida's and the National Public's changes over time; Florida's change compared to the Nation's

	Eligible	Not Eligible
Florida	↑ 10	↑ 8
National Public	↑ 10	↑ 9
FL Change Compared to NP Change	↔ 0	↔ 1

### NSLP Eligible/Not Eligible – Average Scale Score Gaps

Florida's gap compared to the Nation's gap by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible/Not Eligible Gap, FL vs. NP	↔	↔	↔	↓	↔	↓	↔

### NSLP Eligible/Not Eligible – Average Scale Score Gap Changes, 2003–2015

Florida's and the National Public's gap changes over time, and Florida's gap change over time compared to the Nation's gap change over time

	Eligible/Not Eligible	Change
Florida	↔ -2	28 → 26
National Public	↔ 0	28 → 28
FL Gap Change Compared to NP Gap Change	↔ 1	

- ↑ Significantly higher, larger, increased or wider
- ↔ No significant difference or change
- ↓ Significantly lower, smaller, decreased or narrower

**Notes:** Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. 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 of Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.  
[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: National School Lunch Program eligibility. Edit Reports: Statistics Options, Average Scale Scores.

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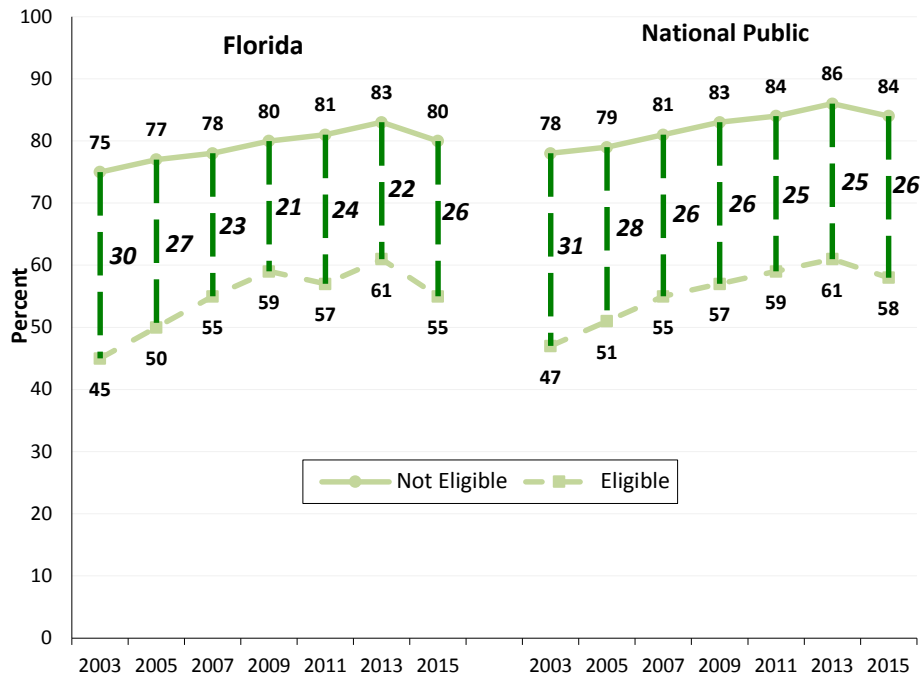
### At or above *Basic*, Florida (FL) vs. the National Public (NP)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

### NSLP Eligible/Not Eligible

**NAEP Mathematics Grade 8 – National School Lunch Eligibility**  
At or Above *Basic* and Gaps: 2003-2015



### NSLP Eligible/Not Eligible – Percent at or above *Basic* Compared

Florida's (FL) percentage at or above *Basic* compared to the National Public's (NP) by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible – FL vs. NP	↔	↔	↔	↔	↔	↔	↔
Not Eligible – FL vs. NP	↔	↓	↔	↓	↓	↓	↓

### NSLP Eligible/Not Eligible – Changes in Percent at or above *Basic* Compared, 2003–2015

Florida's and the National Public's changes over time; Florida's change compared to the Nation's

	Eligible	Not Eligible
Florida	↑ 10	↑ 5
National Public	↑ 11	↑ 6
FL Change Compared to NP Change	↔ 1	↔ 0

### NSLP Eligible/Not Eligible – Percent at or above *Basic* Gaps

Florida's gap compared to the Nation's gap by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible/Not Eligible Gap FL vs. NP	↔	↔	↔	↓	↔	↔	↔

### NSLP Eligible/Not Eligible – Percent at or above *Basic* Gaps, 2003–2015

Florida's and the National Public's gap changes over time; Florida's gap change compared to the Nation's gap change over time

	Eligible/Not Eligible	Change
Florida	↔ -4	30 → 26
National Public	↓ 5	31 → 26
FL Gap Change Compared to NP Gap Change	↔ 0	

- ↑ Significantly higher, larger, increased or wider
- ↔ No significant difference or change
- ↓ Significantly lower, smaller, decreased or narrower

**Notes:** Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.  
At or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work.  
**Source:** U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.  
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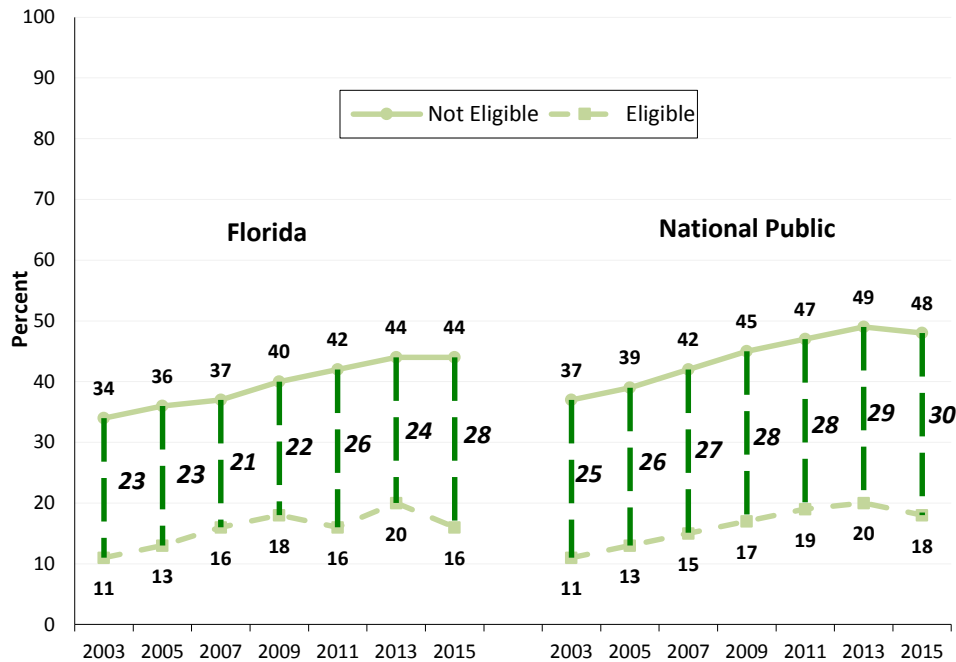
### At or above *Proficient*, Florida (FL) vs. the National Public (NP)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

### NSLP Eligible/Not Eligible

NAEP Mathematics Grade 8 – National School Lunch Eligibility  
At or Above *Proficient* and Gaps: 2003-2015



### NSLP Eligible/Not Eligible – Percent at or above *Proficient* Compared

Florida's (FL) percentage at or above *Proficient* compared to the National Public's (NP) by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible — FL vs. NP	↔	↔	↔	↔	↓	↔	↔
Not Eligible — FL vs. NP	↔	↔	↓	↓	↓	↓	↔

### NSLP Eligible/Not Eligible – Changes in Percent at or above *Proficient* Compared, 2003–2015

Florida's and the National Public's changes over time; Florida's change compared to the Nation's

	Eligible	Not Eligible
Florida	↑ 5	↑ 10
National Public	↑ 7	↑ 11
FL Change Compared to NP Change	↔ 1	↔ 1

### NSLP Eligible/Not Eligible – Percent at or above *Proficient* Gaps

Florida's gap compared to the Nation's gap by Year

	2003	2005	2007	2009	2011	2013	2015
Eligible/Not Eligible Gap FL vs. NP	↔	↔	↓	↓	↔	↓	↔

### NSLP Eligible/Not Eligible – Percent at or above *Proficient* Gaps, 2003–2015

Florida's and the National Public's gap changes over time; Florida's gap change compared to the Nation's gap change over time

	Eligible/Not Eligible	Change
Florida	↔ +5	23 → 28
National Public	↑ 4	25 → 30
FL Gap Change Compared to NP Gap Change	↔ 1	

- ↑ Significantly higher, larger, increased or wider
- ↔ No significant difference or change
- ↓ Significantly lower, smaller, decreased or narrower

**Notes:** Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

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

**Source:** U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

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