

NAEP 2011, 2013, and 2015

Sample Sizes and Inclusion Rates, Grades 4 and 8



Florida and National Public

All Students, Students with Disabilities, and English Language Learners

2011, 2013, and 2015 Florida and National Public Student Sample Sizes

Florida Reading Sample Sizes

Grade	2011	2013	2015
Grade 4	7,290	6,183	5,464
Grade 8	5,889	5,590	5,270

National Public Reading Sample Sizes

Grade	2011	2013	2015
Grade 4	202,918	184,043	134,041
Grade 8	157,758	166,275	131,873

Florida Mathematics Sample Sizes

Grade	2011	2013	2015
Grade 4	7,130	6,097	5,453
Grade 8	6,182	5,491	5,445

National Public Mathematics Sample Sizes

Grade	2011	2013	2015
Grade 4	198,888	180,249	134,746
Grade 8	164,403	164,551	132,526

Inclusion/Exclusion

The National Assessment Governing Board accepted a Policy Statement on March 6, 2010, establishing guidelines based on recommendations to propose uniform national rules for NAEP testing of Students with Disabilities (SD) and English Language Learners (ELL). The two most important guidelines are the following:

1. The proportion of all students excluded from any NAEP sample should not exceed 5%.
Samples falling below this goal shall be prominently designated in reports as not attaining the desired inclusion rate of 95%.
2. Among students classified as either ELL or SD a goal of 85% inclusion shall be established.
National, state, and district samples falling below this goal shall be identified in NAEP reporting.

Exclusion Rates for All Students

Florida Reading Exclusion Rates

Grade	2011	2013	2015
Grade 4	2.1%	2.9%	1.8%
Grade 8	2.3%	1.9%	3.2%

National Public Reading Exclusion Rates

Grade	2011	2013	2015
Grade 4	3.9%	2.6%	2.2%
Grade 8	3.4%	2.3%	2.0%

Florida Mathematics Exclusion Rates

Grade	2011	2013	2015
Grade 4	1.6%	1.8%	2.0%
Grade 8	1.8%	1.7%	2.2%

National Public Reading Exclusion Rates

Grade	2011	2013	2015
Grade 4	2.2%	1.5%	1.7%
Grade 8	2.6%	1.6%	1.6%

IEP and ELL Inclusion

The goal is 85% inclusion of Individualized Education Plan (IEP) or ELL students. The In 2003, 2005 and 2007, NAEP did not distinguish between SD=IEP and SD=504 Plan students, meaning SD data included IEP and/or 504 students. In 2009, NAEP began collecting IEP and 504 Plan data separately. The 85% inclusion goal is calculated based on SD=IEP (without 504 Plan students). Consequently, inclusion rates for SDs are only available beginning in 2009 while inclusion rates for ELLs are available beginning in 2003.

Florida's 2015 Mathematics SD inclusion rates for both Grades 4 and 8 were not significantly different than their national counterparts. However, both grades 4 and 8 Florida ELL inclusion rates were significantly lower than their national counterparts.

Cells where the 85% guideline was not met are denoted with a “^” and highlighted in pink.

Mathematics

Grade 4 – Students with Disabilities (SD)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	N/A	N/A
2005	N/A	N/A
2007	N/A	N/A
2009	89%	83%^
2011	91%	84%^
2013	90%	90%
2015	91%	89%

Grade 4 – English Language Learners (ELL)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	83% ¹	86%
2005	83% ¹	88%
2007	80%^	92%
2009	95%	94%
2011	96%	96%
2013	93%	96%
2015	91%	95%

Grade 8 – Students with Disabilities (SD)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	N/A	N/A
2005	N/A	N/A
2007	N/A	N/A
2009	86%	77%^
2011	88%	80%^
2013	90%	89%
2015	89%	90%

Grade 8 – English Language Learners (ELL)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	78%^	82%^
2005	80%^	87%
2007	79%^	89%
2009	91%	92%
2011	95%	93%
2013	87%	93%
2015	86%	93%

¹ Inclusion rate is not significantly different from NAGB's goal of 85 percent

^ Inclusion guideline of 85% was not met

IEP and ELL Inclusion, Cont.

Florida's 2015 SD inclusion rate for Grade 4 Reading was significantly higher than its national counterpart, while inclusion rates for Grade 8 Reading were not significantly different between Florida and the National Public.

Florida's 2015 ELL inclusion rates for Grade 4 Reading were not significantly different from their national counterpart's. However, Florida's ELL inclusion rates Grade 8 Reading were significantly lower than their national counterpart's in 2015.

The goal is 85% inclusion of Individualized Education Plan (IEP) or ELL students. The cells where the 85% guideline was not met are denoted with a “^” and highlighted in pink.

Reading

Grade 4 – Students with Disabilities (SD)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	N/A	N/A
2005	N/A	N/A
2007	N/A	N/A
2009	82% ¹	70%
2011	89%	77%
2013	85%	83%
2015	93%*	87%*

Grade 4 – English Language Learners (ELL)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	77%	76%
2005	70%	78%
2007	59%	80%
2009	71%	84%
2011	92%	89%
2013	89%	92%
2015	90%	93%*

Grade 8 – Students with Disabilities (SD)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	N/A	N/A
2005	N/A	N/A
2007	N/A	N/A
2009	79%	70%
2011	87%	76%
2013	89%	84%
2015	86%	87%*

Grade 8 – English Language Learners (ELL)

Year	Florida's Public School SD Inclusion Rate	Nation's Public School SD Inclusion Rate
2003	69%	76%
2005	61%	79%
2007	47%	77%
2009	58%	83%
2011	83%	86%
2013	86%	90%
2015	73%^*	90%

¹ Inclusion rate is not significantly different from NAGB's goal of 85 percent

^ Inclusion guideline of 85% was not met

*Changed significantly from 2013

State Inclusion Rates under 85%

States highlighted in yellow and marked with an asterisk had inclusion rates that were significantly lower statistically than the required 85%.

Students with Disabilities

Grade 4 Mathematics SD	Grade 8 Mathematics SD	Grade 4 Reading SD	Grade 8 Reading SD
MI (83) TX* (80), NV* (78)	ND (84), AR (83), TX (81)	TN(84), OR (84), MI (83), MN (82), MD* (78), LA* (78), KY* (77), TX* (72)	ID (84), ND (84), TX (81), TN (80), KY* (73), GA* (71), MD* (68)

English Language Learner

Grade 4 Mathematics ELL	Grade 8 Mathematics ELL	Grade 4 Reading ELL	Grade 8 Reading ELL
NJ* (80)	KY (84), VA* (83), NE (81), OR (81), MD* (80), PA (77)	SD (83), GA (83), MI (83), MD (83), NJ (79), KY* (64)	MI (84), PA (83), AZ (83), MA (83), NE (79), KY (79), OR* (77), FL* (73), MD* (64)