

## MEMORANDUM

October 28, 2015

TO: Board Members

FROM: Terry B. Grier, Ed.D.  
Superintendent of Schools

CONTACT: Carla Stevens, (713) 556-6700

SUBJECT: **NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS (NAEP):  
READING & MATHEMATICS 2015 RESULTS**

The 2015 NAEP reading and mathematics assessment results have been released. NAEP, also known as the Nation's Report Card, is the nation's only federally authorized survey of student achievement in various subject areas. NAEP is administered by the National Center for Education Statistics (NCES), an agency within the U.S. Department of Education's Institute of Education Sciences.

Student performance on the 2015 NAEP reading and mathematics assessments at grades 4 and 8 is reported by using scale scores, which represent equal units on a continuous scale, using numbers that range from 0 to 500. Also, student performance is reported by using the percentage of students who attained the achievement levels, Basic, Proficient, and Advanced. The National Assessment Governing Board (NAGB) defines the achievement levels as follows:

- **Basic:** denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at each grade.
- **Proficient:** represents solid academic performance for each grade assessed. Students reaching this level have demonstrated competency over challenging subject matter, including subject matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.
- **Advanced:** signifies superior performance.

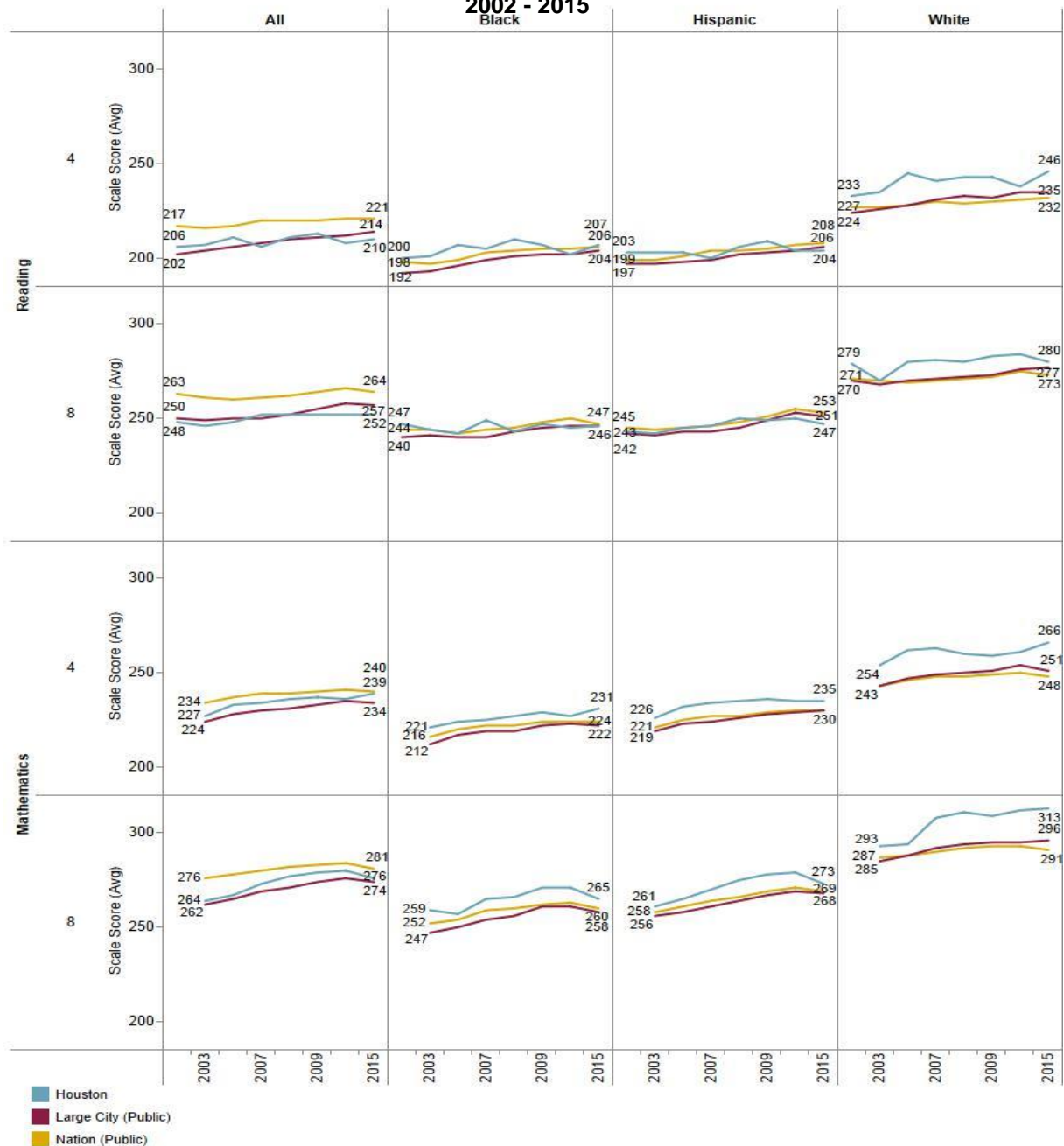
The reading framework specifies three reading behaviors, or cognitive targets: locate/recall, integrate/interpret, and critique/evaluate. Additionally, the framework calls for a systematic assessment of meaning vocabulary. The NAEP assesses mathematics in five content strands: number properties and operations, measurement, geometry, data analysis and probability, and algebra.

Results of the 2015 NAEP grade 4 and 8 reading and mathematics assessments are presented in **Figure 1**. Due to sampling methods used by NCES, results are only available at the district level and not at the school level. Comparisons were made between 21 participating districts: Albuquerque, Atlanta, Austin, Baltimore, Boston, Charlotte, Chicago, Cleveland, Dallas, Detroit, District of Columbia, Duval County (FL), Fresno, Hillsborough County (Tampa, FL), Houston, Jefferson County (Louisville, KY), Los Angeles, Miami-Dade County, New York City, Philadelphia, and San Diego—as well as Texas, the Nation (Public), and the Large City comparison group. These results present the seventh administration of the reading assessment and the sixth administration of the mathematics assessment for the TUDA. Not all districts have participated over that time but Houston is one of the six original TUDA districts since its inception in 2002.

In interpreting NAEP performance in the various jurisdictions, it is important to note that while the 21 TUDAs represent some of the largest urban school districts in the country, there are

substantial differences among them. Not only are the demographic characteristics different but there is a stark difference in percentage of students that are eligible for free/reduced price lunch and the percentage of English Language Learners.

**Figure 1. NAEP Scale Scores: Houston\*, Large City, and Nation  
Reading and Mathematics Grades 4 and 8  
2002 - 2015**



\*Asian/PI scores in Houston did not meet NAEP reporting standards in some years in both subjects and grades, and are omitted.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading and Mathematics Assessment

## Mathematics

- A notable achievement for Houston is that the Asian, Black, Hispanic, White, and free/reduced price lunch student groups in grades 4 and 8 demonstrated higher average scores than similar student groups in the nation's public schools and public schools in large cities.

### Grade 4 Mathematics

- In 2015, the percentage of students in HISD who performed at or above *Basic* was 80%. This was greater than public schools in large cities at 75%.

### Grade 8 Mathematics

- Only four districts outperformed HISD in 8<sup>th</sup> grade math.

## Reading

- Average scale scores for 4<sup>th</sup> and 8<sup>th</sup> grade reading are essentially at the same levels as in 2007.

### Grade 4 Reading

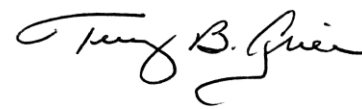
- Houston outperformed 8 urban districts including Dallas, but was just below public schools in large cities.
- The average scale score in 4<sup>th</sup> grade reading is 4 points below the public schools in large cities (210 vs. 214) and 11 points below the nation's public schools (210 vs. 221).

### Grade 8 Reading

- Houston outperformed 9 urban districts including Dallas, but was far below public schools in large cities.
- Since 2007, 8<sup>th</sup> grade reading average scales scores have remained stable at 252 while public schools in large cities has increased by 7 points, from 250 to 257 and the nation's public schools has increased by 3 points from 261 to 264.

**Appendix A** provides an overview of HISDs performance overtime by grade and subject. Additional reference tables are also provided in **Appendix B – D**. Data tables produced by NAEP can be found on the [HISD website](#) or the [NAEP website](#) which includes the Nation's Report Card, the full set of national and state results in an interactive database as wells as related questions, scoring guides and question-level performance data.

Should you have further questions, please contact Carla Stevens in the Department of Research and Accountability at (713) 556-6700.

  
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TBG

## Attachments

cc: Superintendent's Direct Reports  
Chief School Officers  
School Support Officers



# NAEP 2015 Mathematics and Reading Results



# **NAEP 2015 Mathematics and Reading Results**

**What is NAEP?**

**Grade 4 Mathematics Results**

**Grade 8 Mathematics Results**

**Grade 4 Reading Results**

**Grade 8 Reading Results**



# What is NAEP?



- The National Assessment of Educational Progress (NAEP) is the largest continuing and nationally representative assessment of what our nation's students know and can do in core subjects.
- A survey designed to produce national, state, and select urban district level results.
  - NAEP results are for populations of students, not for individual students nor schools.
  - Measures student performance nationally and reports changes over time.
  - Allows comparisons between states and the nation.
- The results of NAEP are released as *The Nation's Report Card*.
  - The report card provides national, state, and district-level results, results for different demographic groups, inclusion information, and sample questions. <http://www.nationsreportcard.gov/>



# NAEP School and Student Selection

- NAEP uses a carefully designed sampling procedure for the assessment to be representative of the geographical, racial, ethnic, and socio-economic diversity of schools and students in the state.
  - First, schools are selected to be representative of all schools.
  - Then, within each chosen school, students are randomly selected to participate. Each participating student represents hundreds of other similar students.



# NAEP Administration

- About 3,000 students in approximately 100 schools are selected in each state for each grade and subject (NAEP 2015 assessed reading and mathematics).
  - Each student is only assessed in one subject area.
  - Students only take a small portion of the assessment
  - Accommodations are provided as necessary for students with disabilities and English language learners.
  - Student responses are confidential, and NAEP data are reported so that no individual student or small group of students can be identified.
- NAEP is administered over a six-week period in January through March.





# NAEP Assessment Design

- The **NAEP mathematics test** contains ten assessment blocks, three of which permit the use of calculators. Each block contains a proportional number of questions from each of the five strands in the NAEP mathematics framework: 1) algebra, 2) geometry, 3) measurement, 4) data analysis, statistics, and probability, and 5) number properties and operations.
- The **NAEP reading test** has ten assessment blocks for grade 4 and thirteen blocks for grade 8. Each reading block is based on a passage classified either as “literary experience” or “gain information.”
- The NAEP tests are designed so that a student is assessed on only two 25-minute assessment blocks - either reading or mathematics – but no student is assessed on both content areas.



# NAEP Results



- NAEP Results are reported in two formats:
  - Average Scale Scores
    - Numeric scale
    - 0 – 500 on mathematics and reading assessments
    - Scores cannot be compared across content areas
  - Achievement Levels

Achievement Level Policy Definitions	
<b>Basic</b>	<b>Partial mastery</b> of prerequisite knowledge and skills that are fundamental for proficient work at each grade.
<b>Proficient</b>	<b>Solid academic performance</b> for each grade assessed. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.
<b>Advanced</b>	<b>Superior performance.</b>



# HISD NAEP Administration

- HISD has voluntarily participated in NAEP since it first began in 2002.
- In 2015, 116 HISD schools were selected to participate.
- Approximately 1,600 HISD students in both grades 4 and 8 were assessed in either reading or mathematics.
- Inclusion rates for SwD and ELLs are shown below.

NAEP Jurisdiction	Grade 4 Reading	Grade 4 Mathematics	Grade 8 Reading	Grade 8 Mathematics
HISD	95%	97%	96%	96%
Texas	96%	97%	98%	98%
Nation (Public)	98%	98%	98%	98%

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



# **NAEP 2015 Mathematics and Reading Results for Grade 4**



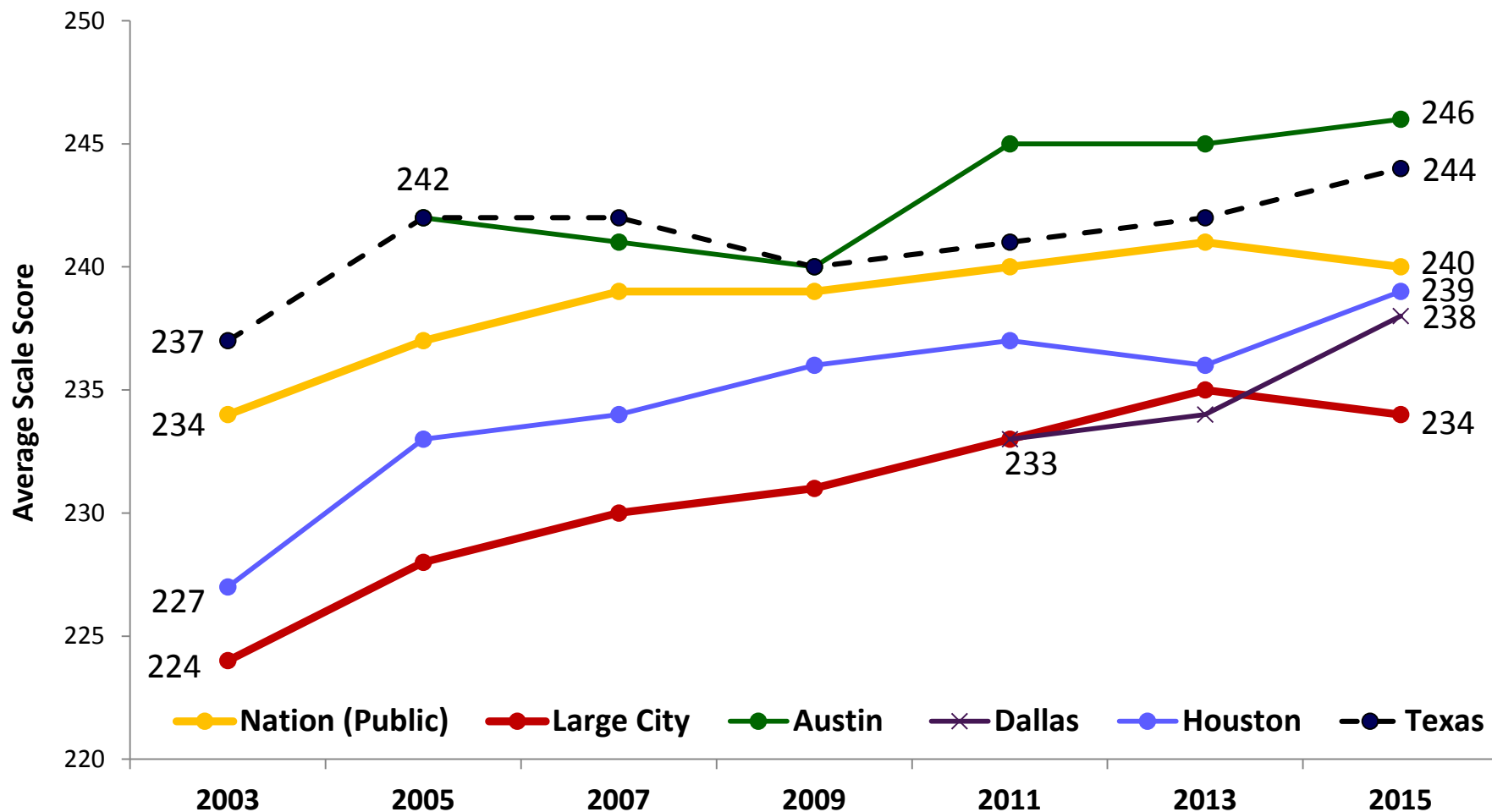
# Grade 4 Mathematics Results

- A notable achievement for Houston is that the Black, Hispanic, White, ELL, Non-ELL, and free/reduced price lunch student groups in 4<sup>th</sup> grade demonstrated higher average scores than similar student groups in the nation's public schools and public schools in large cities.
- In 2015, the percentage of students in HISD who performed at or above *Basic* was 80%. This was greater than public schools in large cities at 75%.
- In 2015, the percentage of students in HISD who performed at or above *Proficient* was 36%. This was greater than public schools in large cities at 32%.

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



# HISD Grade 4 Math Average Scale Score Comparisons Over Time, 2003 - 2015

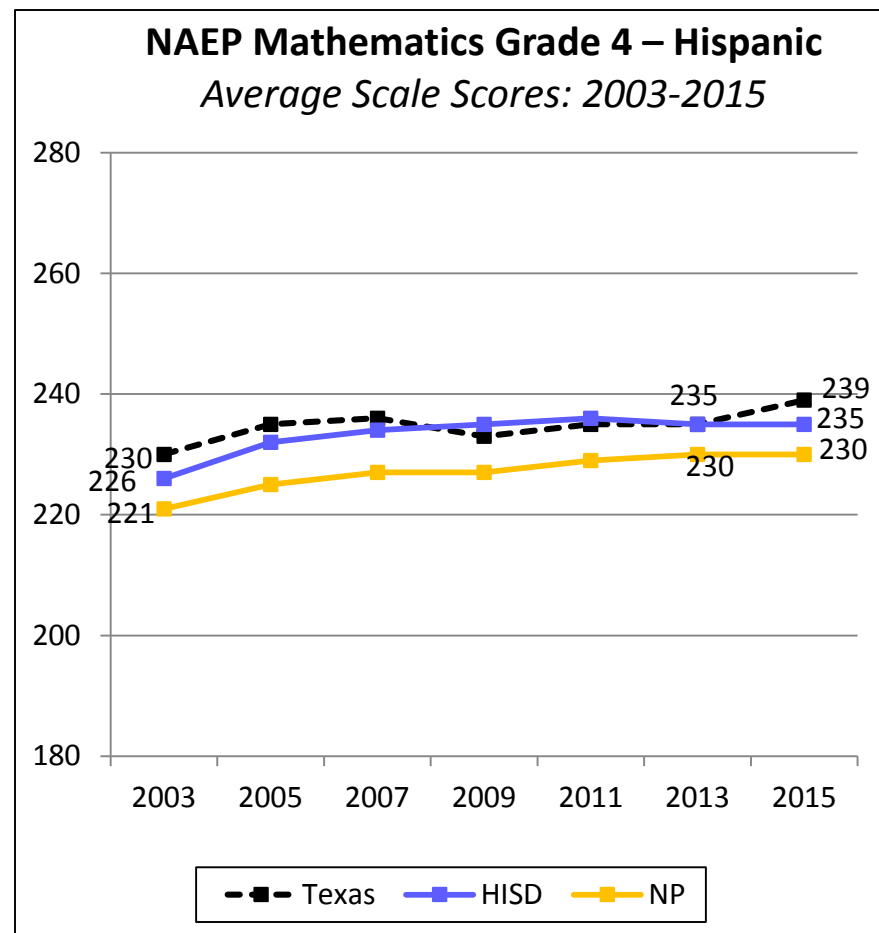
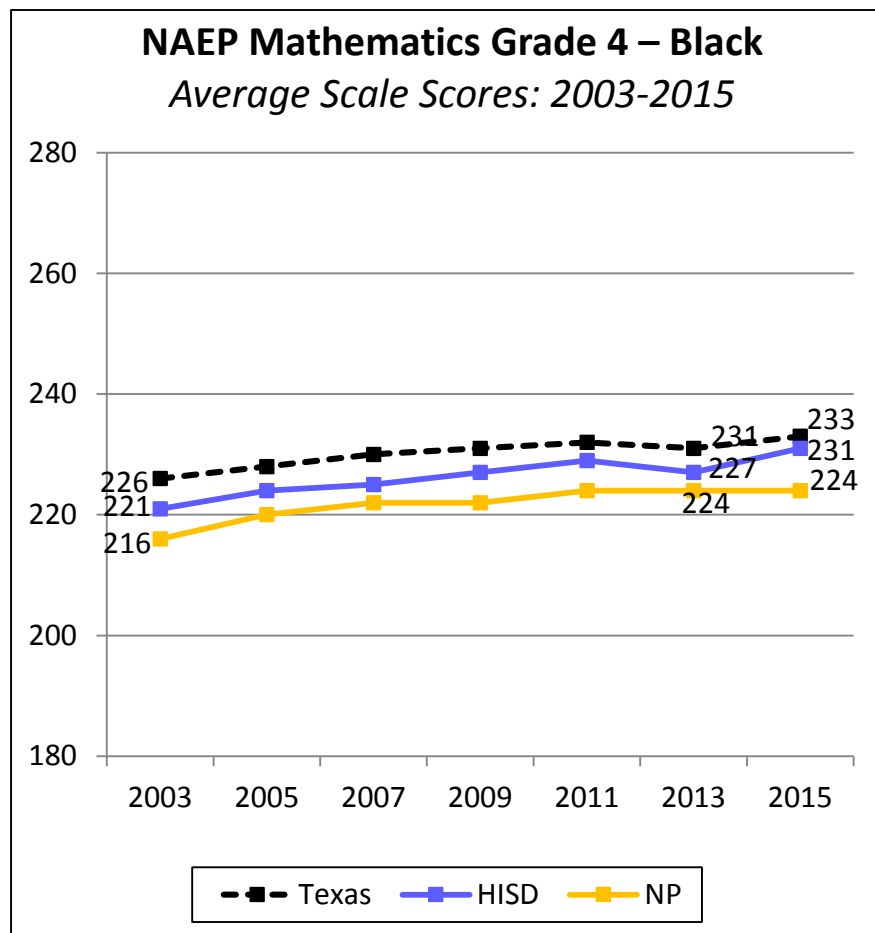


NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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



# HISD Student Groups Consistently Perform Above Nation Public (NP) Sample

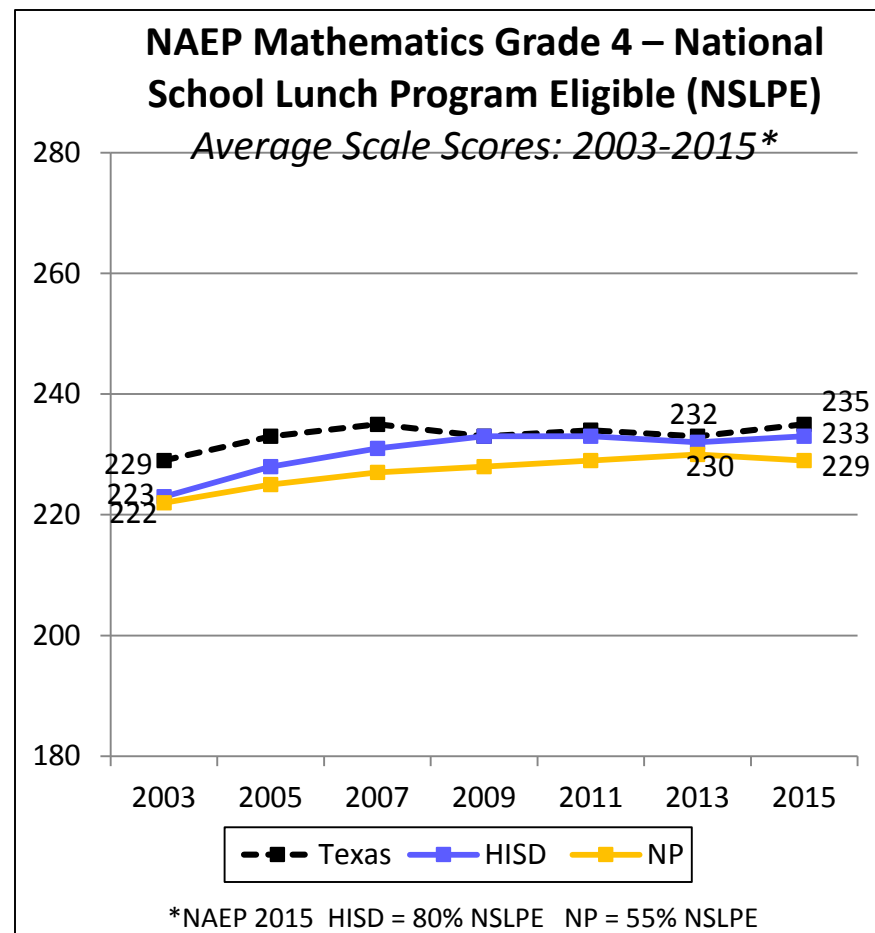
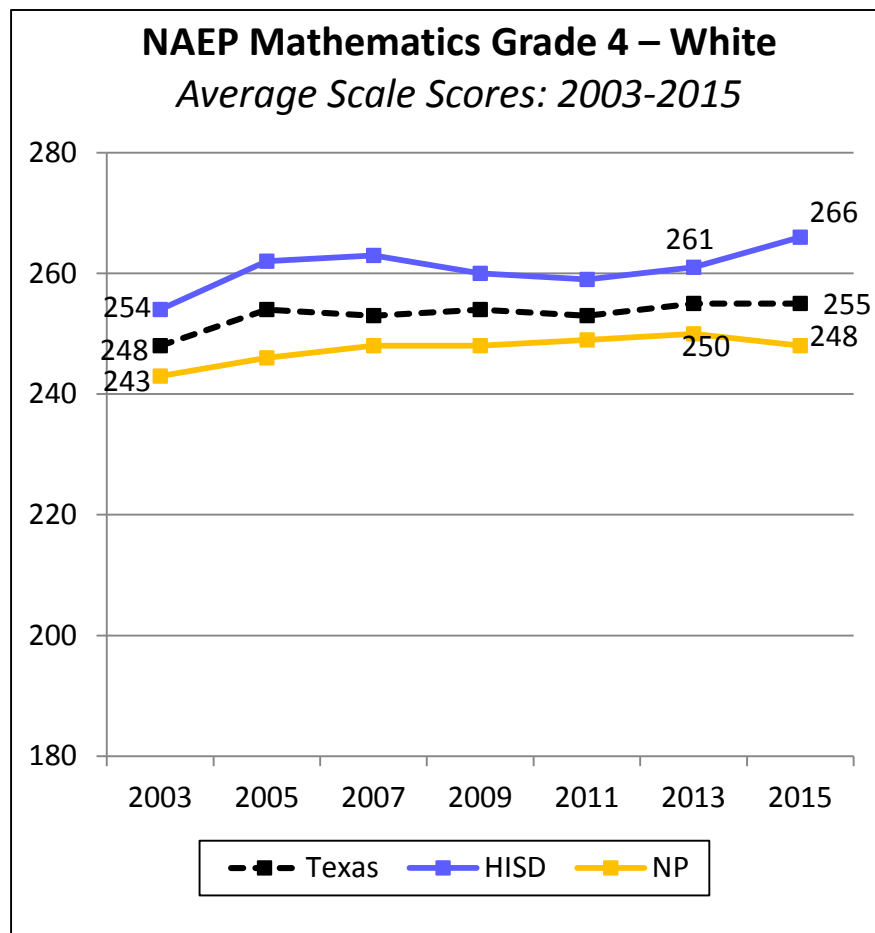


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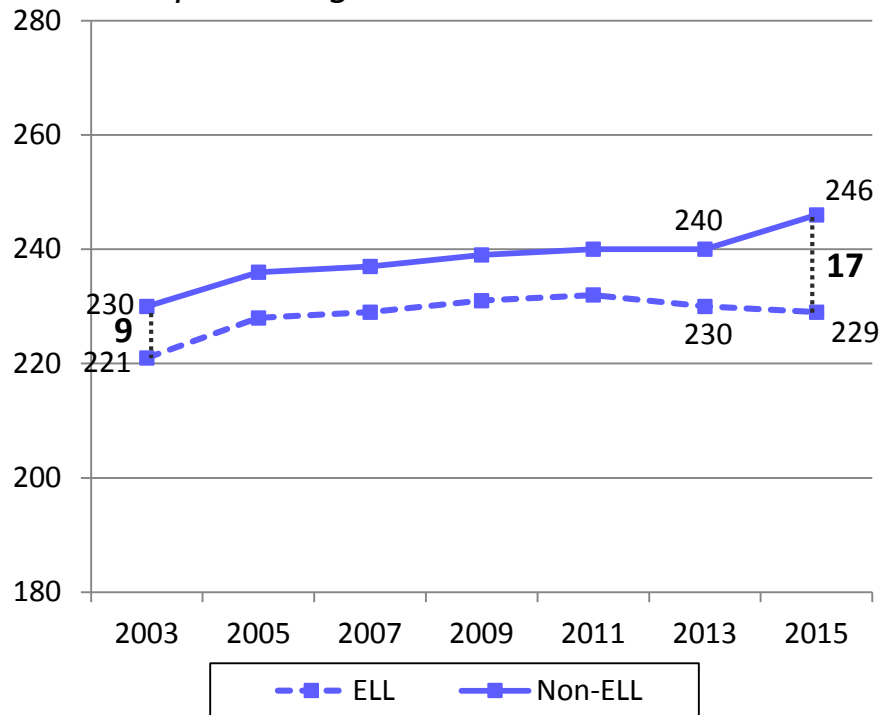




# Grade 4 Mathematics ELL and Non-ELL Scale Score Gap Comparison: HISD Gaps Consistently Smaller than Nation Public (NP) Sample\*

**NAEP Mathematics Grade 4  
HISD ELL and Non-ELL**

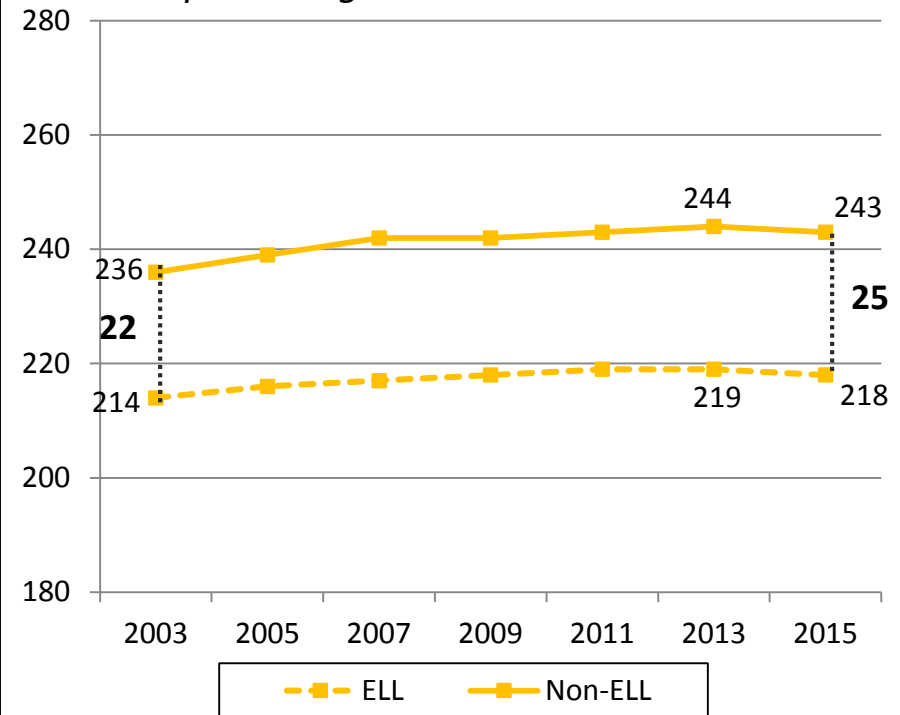
*Gap - Average Scale Scores: 2003-2015\**



\*NAEP 2015 HISD = 41% identified ELL NP = 11% identified ELL

**NAEP Mathematics Grade 4  
Nation (Public) ELL and Non-ELL**

*Gap - Average Scale Scores: 2003-2015\**



\*NAEP 2015 HISD = 41% identified ELL NP = 11% identified ELL

NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

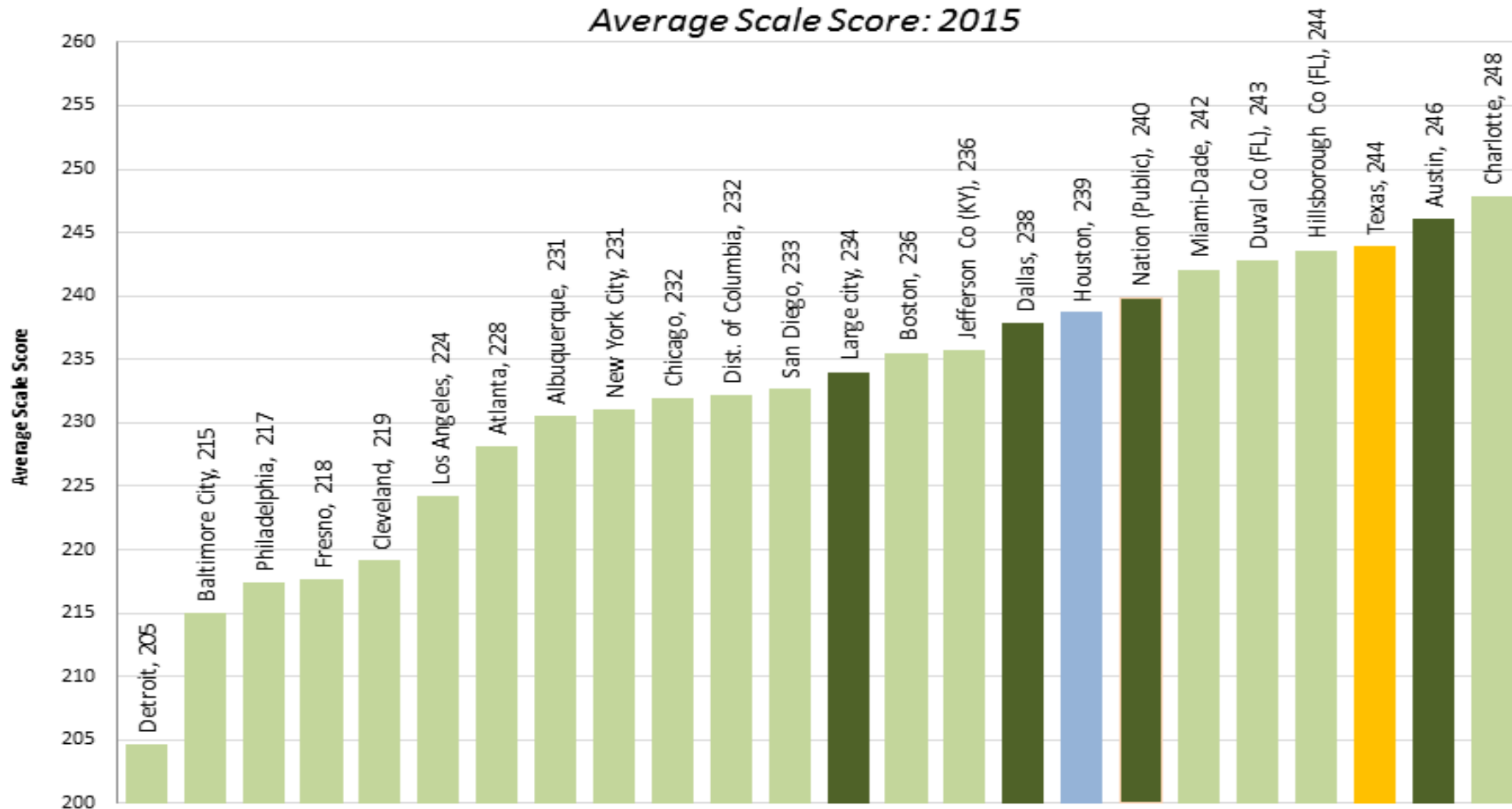
SOURCE: SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



# 2015 TUDA COMPARISON

## NAEP Mathematics Grade 4 – Overall

*Average Scale Score: 2015*



NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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



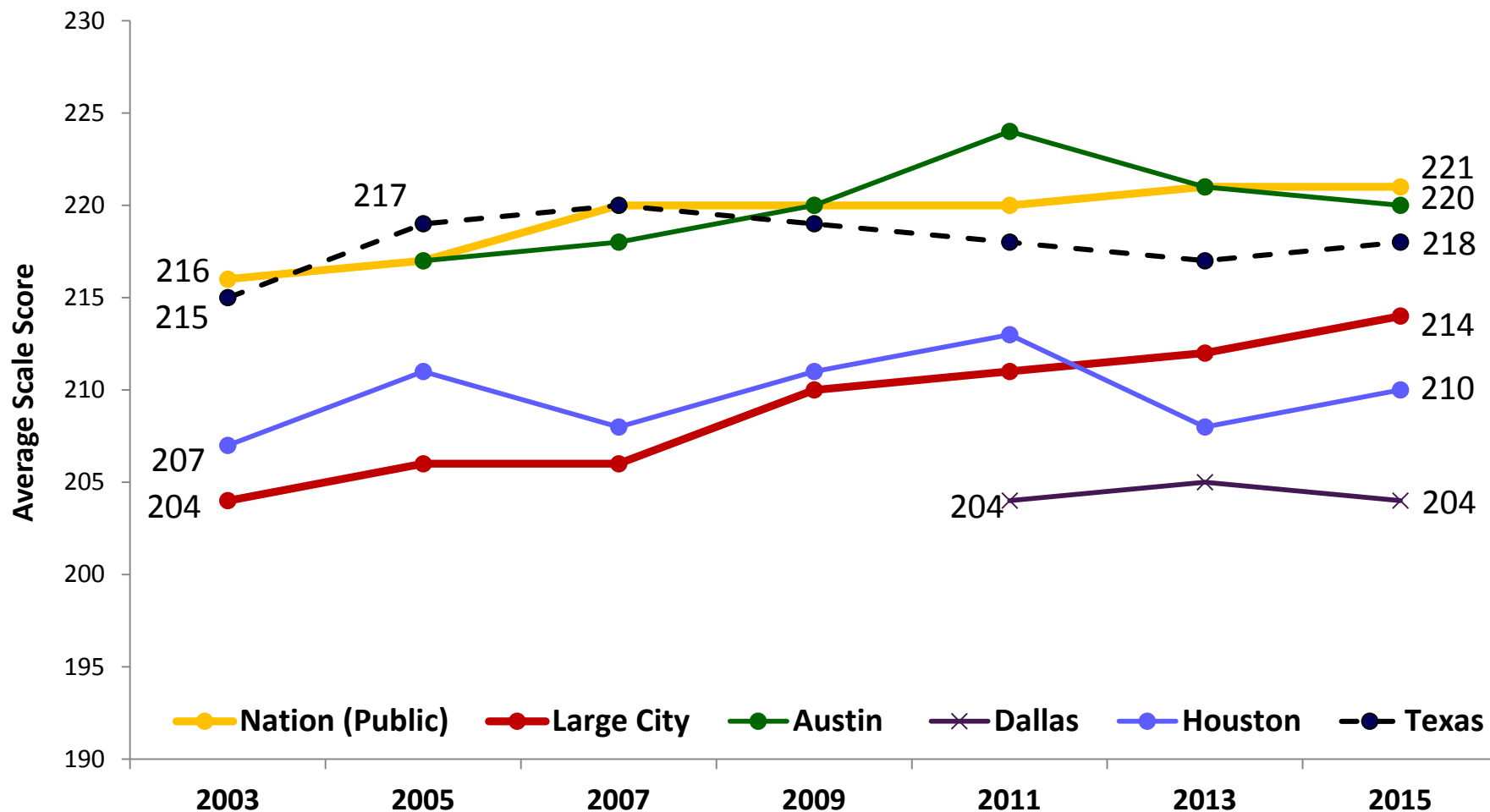
# Grade 4 Reading Results

- Houston outperformed 8 urban districts including Dallas, but was slightly below public schools in large cities.
- The average scale score in 4<sup>th</sup> grade reading is 4 points below the public schools in large cities (210 vs. 214) and 11 points below the nation's public schools (210 vs. 221).
- In 2015, the percentage of students in HISD who performed at or above *Basic* was 54% and at or above *Proficient* was 23%.

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



# HISD Grade 4 Reading Average Scale Score Comparisons Over Time, 2003 - 2015

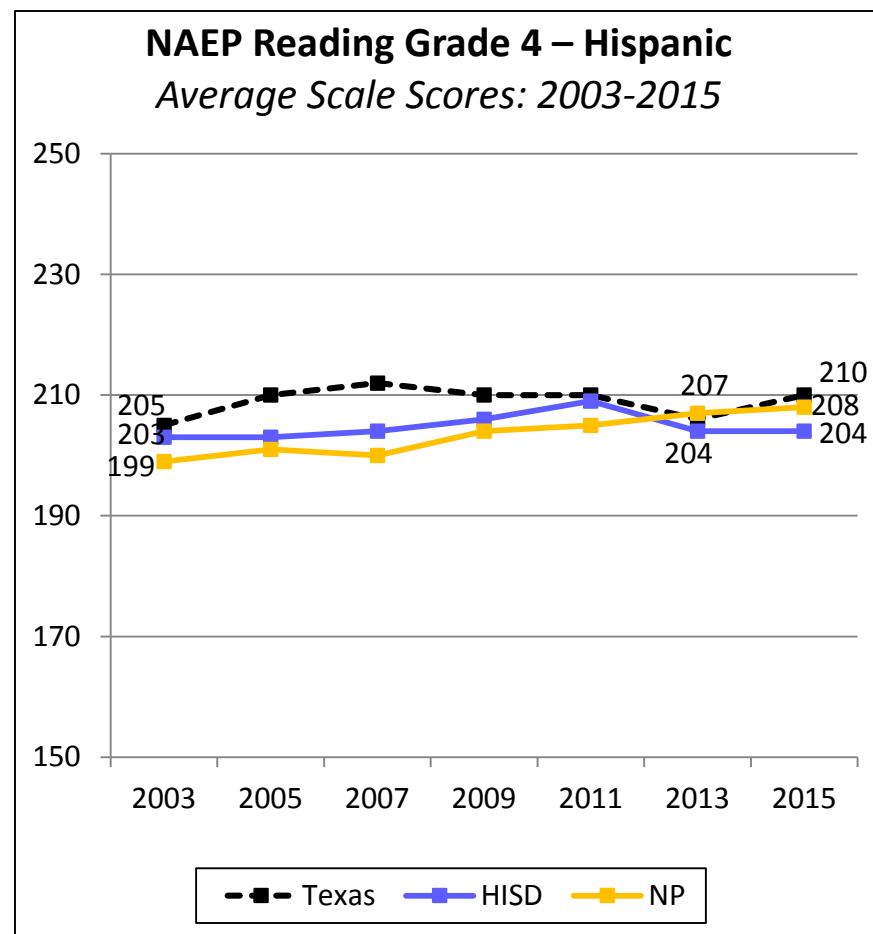
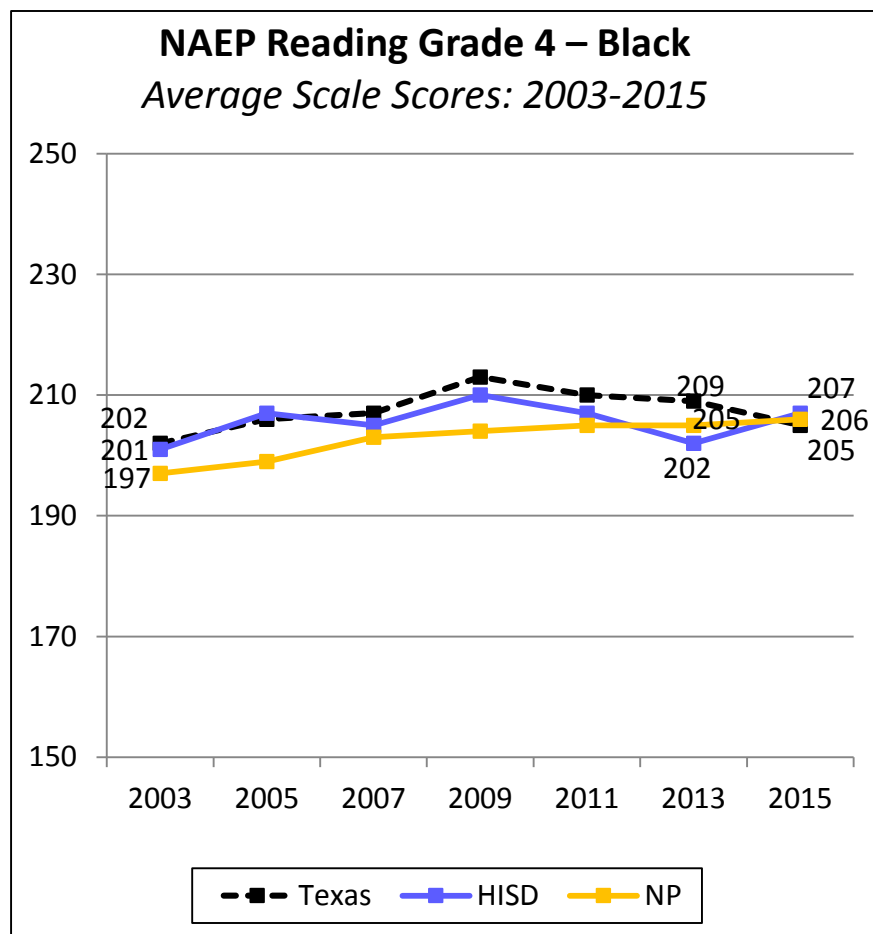


NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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



# HISD Student Groups in Comparison with Nation Public (NP) Sample

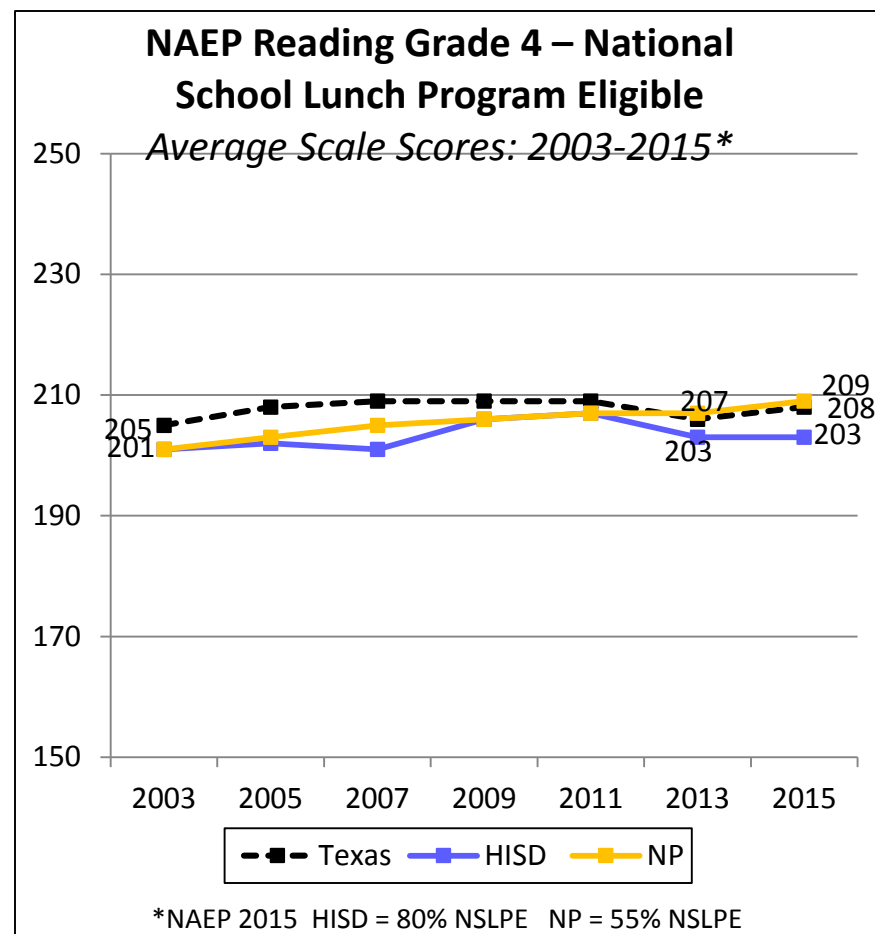
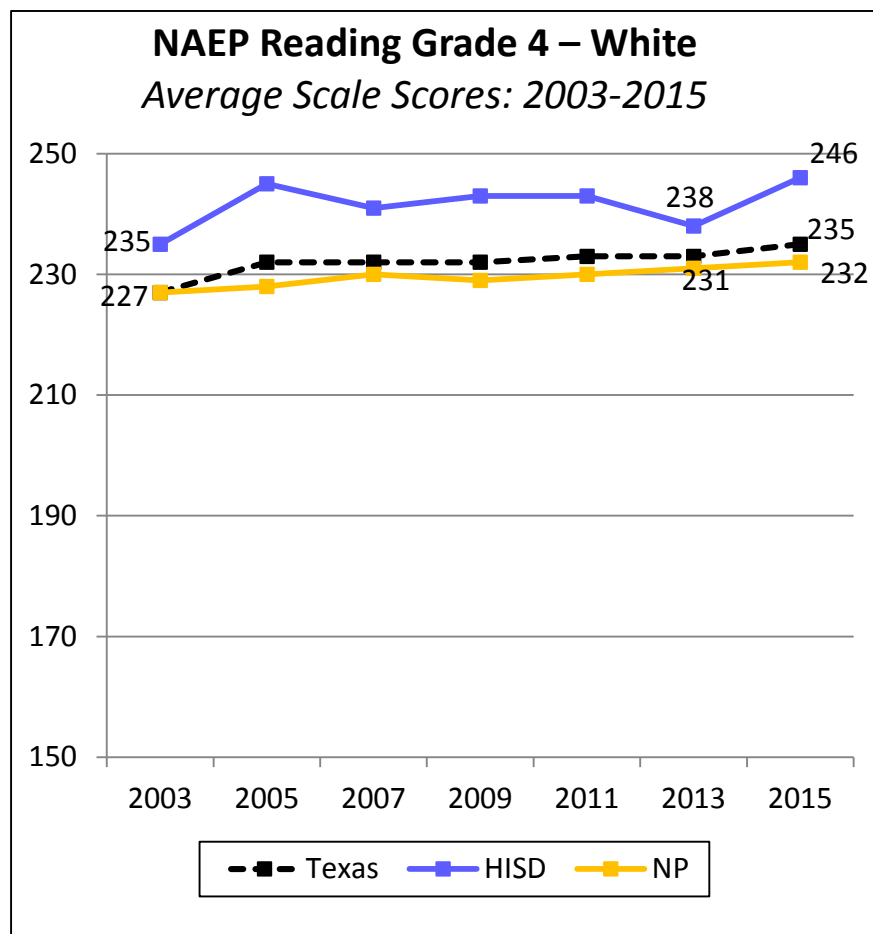


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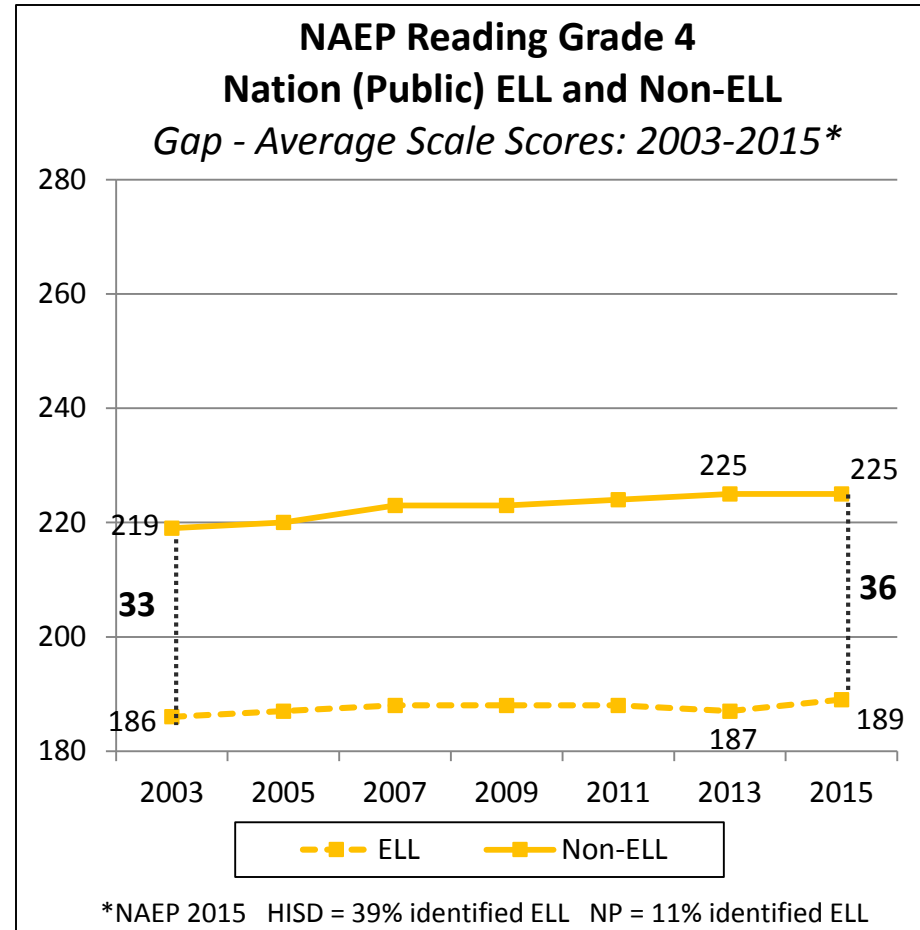
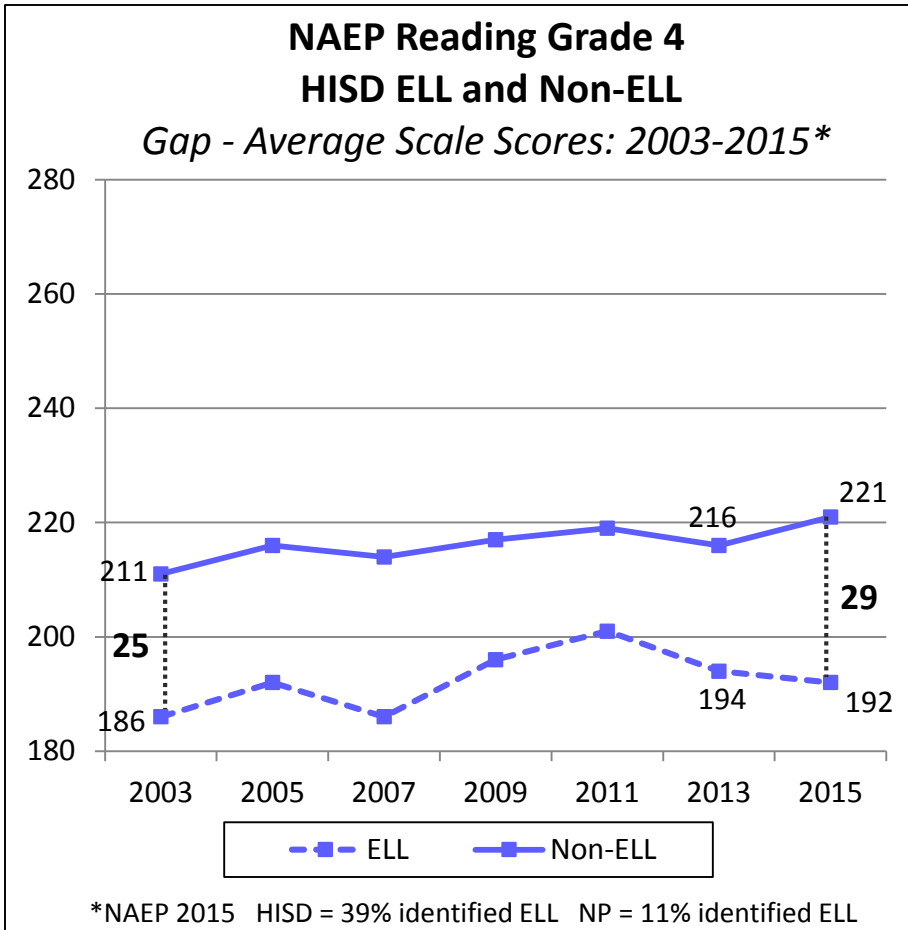


NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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



# Grade 4 Reading ELL and Non-ELL Scale Score Gap Comparison: HISD Gaps Consistently Smaller than Nation Public (NP) Sample\*



NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

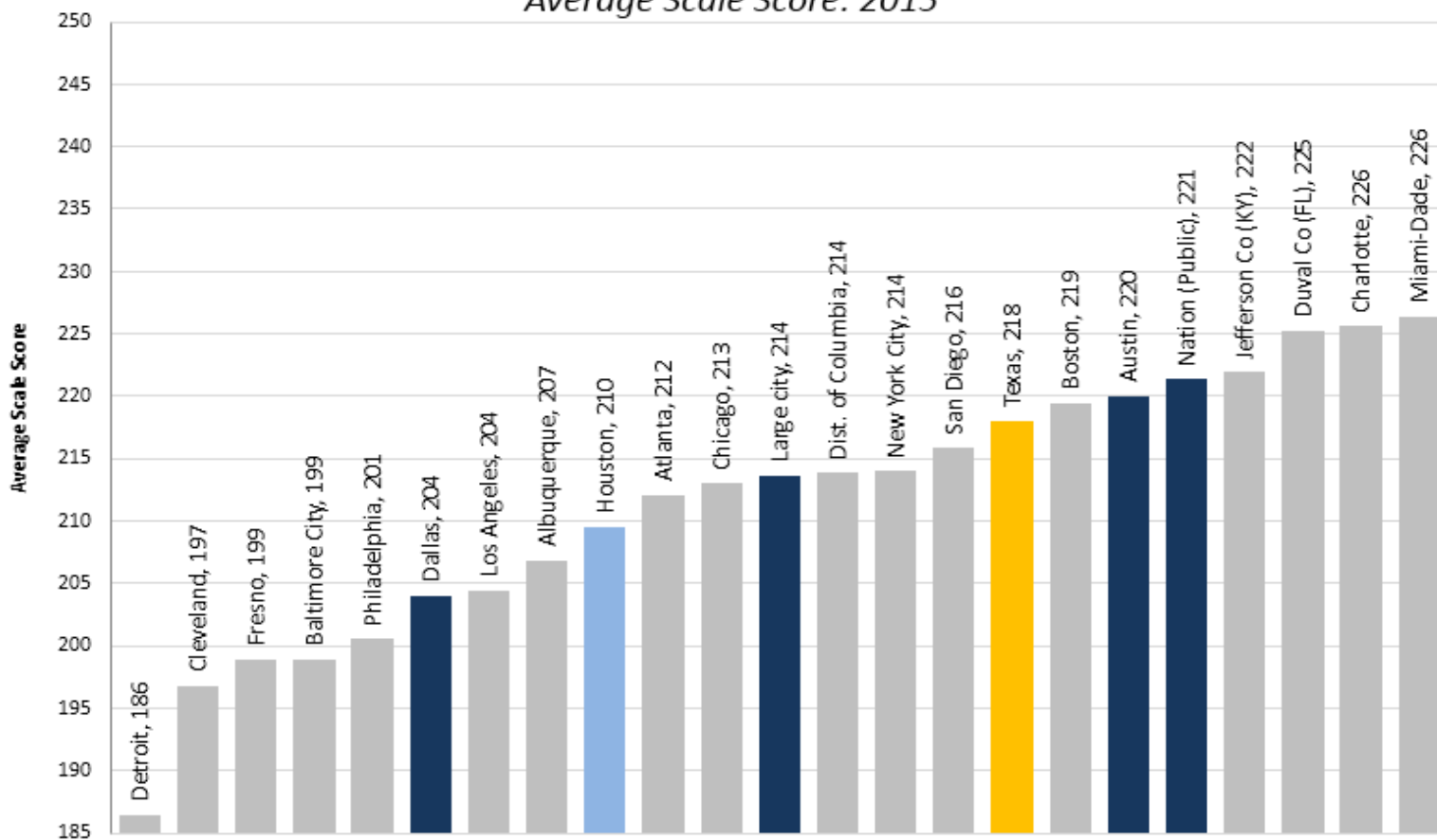
SOURCE: SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



# 2015 TUDA COMPARISON

## NAEP Reading Grade 4 – Overall

*Average Scale Score: 2015*



NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

SOURCE: SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment





# **NAEP 2015 Mathematics and Reading Results for Grade 8**



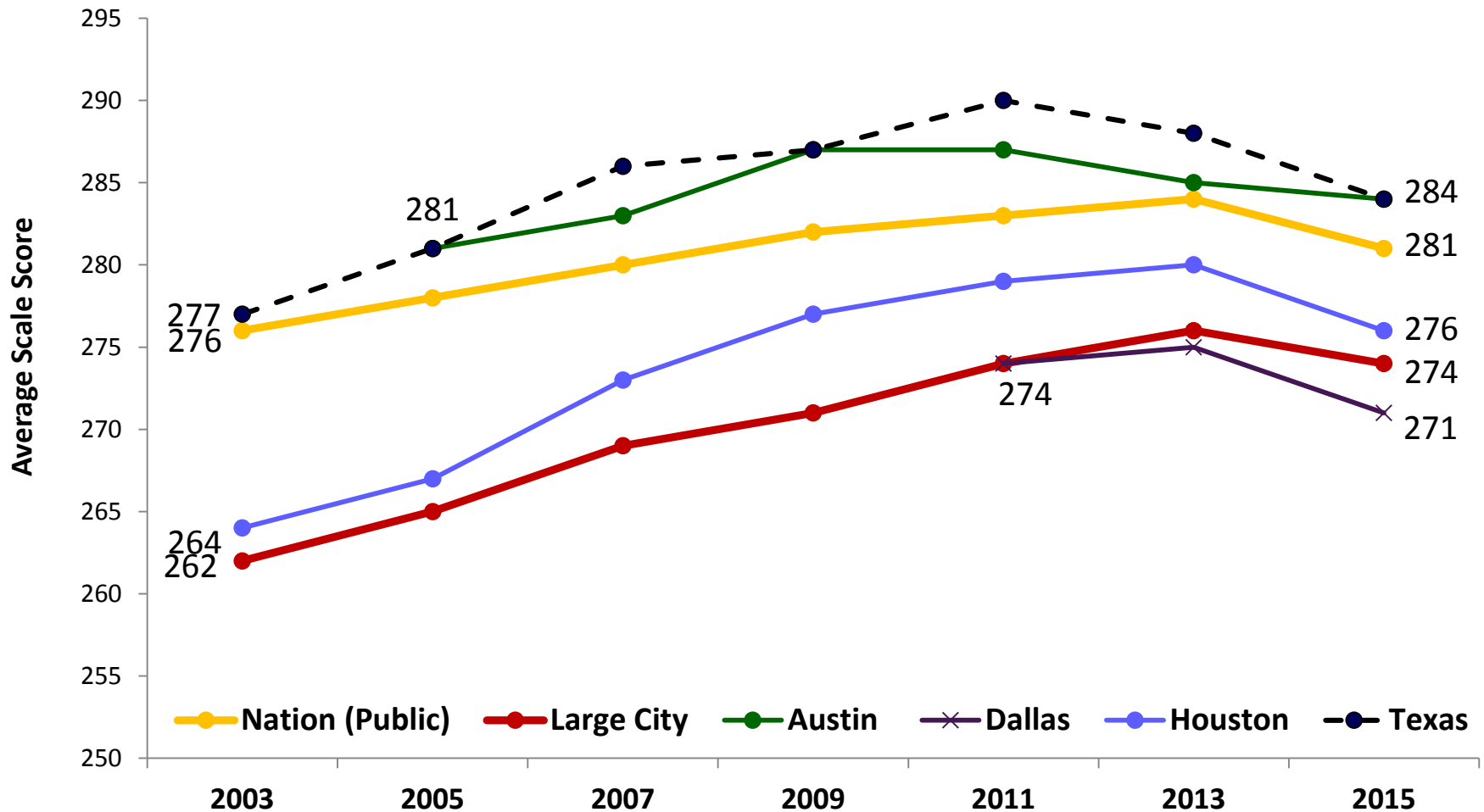
# Grade 8 Mathematics Results

- A notable achievement for Houston is that the Asian, Black, Hispanic, White, ELL, and free/reduced price lunch student groups in 8<sup>th</sup> grade demonstrated higher average scores than similar student groups in the nation's public schools and public schools in large cities.
- Only four districts outperformed HISD in 8<sup>th</sup> grade math.
- In 2015, the percentage of students in HISD who performed at or above Basic was 65%. This was greater than public schools in large cities at 62%.
- In 2015, the percentage of students in HISD who performed at or above Proficient was 27%. This was slightly larger than public schools in large cities at 26%.

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



# HISD Grade 8 Math Average Scale Score Comparison Over Time, 2003 - 2015



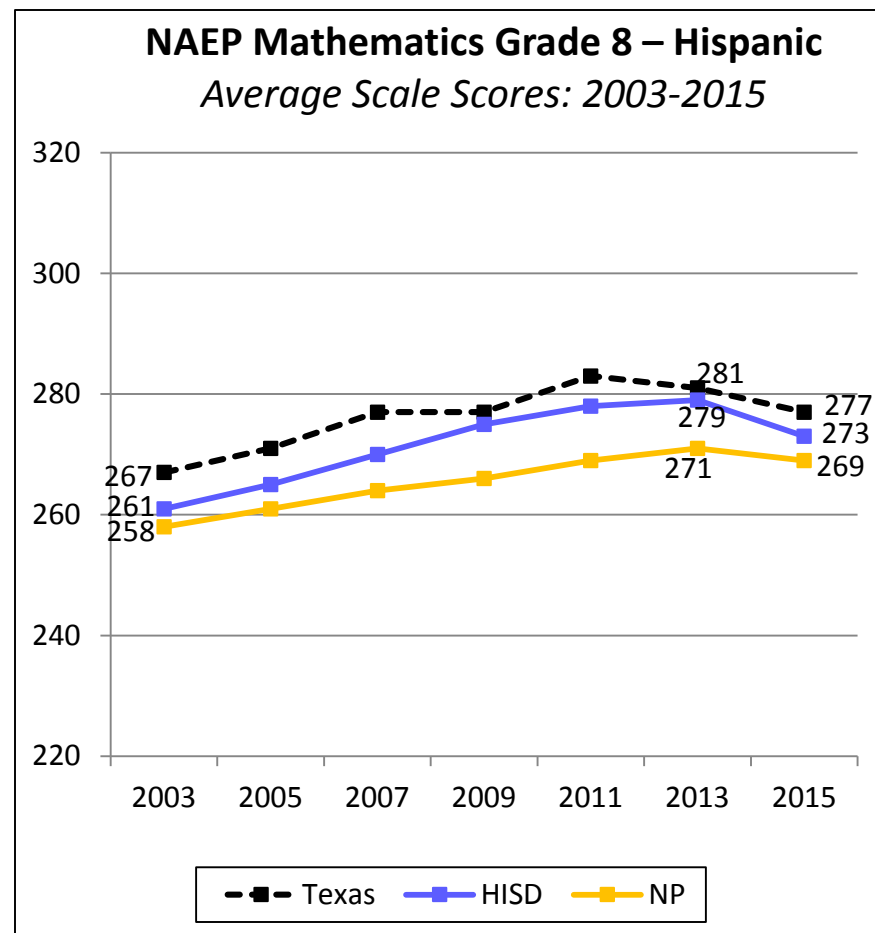
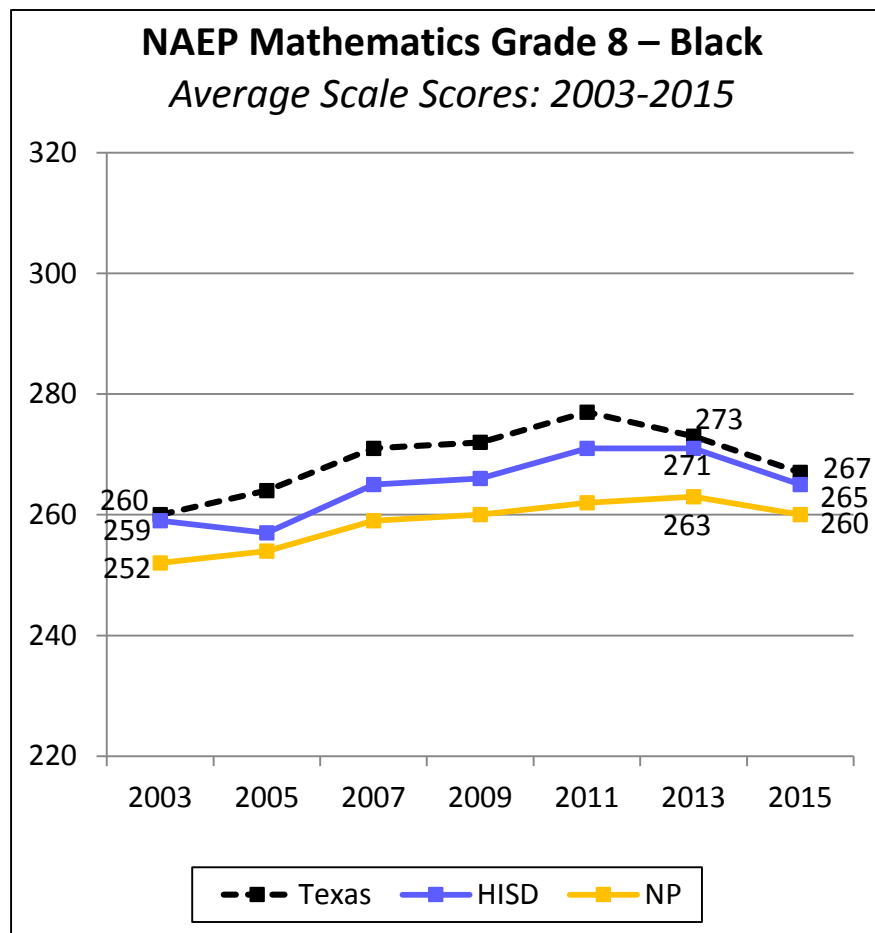
NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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

HISD Research and Accountability, October 2015



# HISD Student Groups Consistently Perform Above Nation Public (NP) Sample

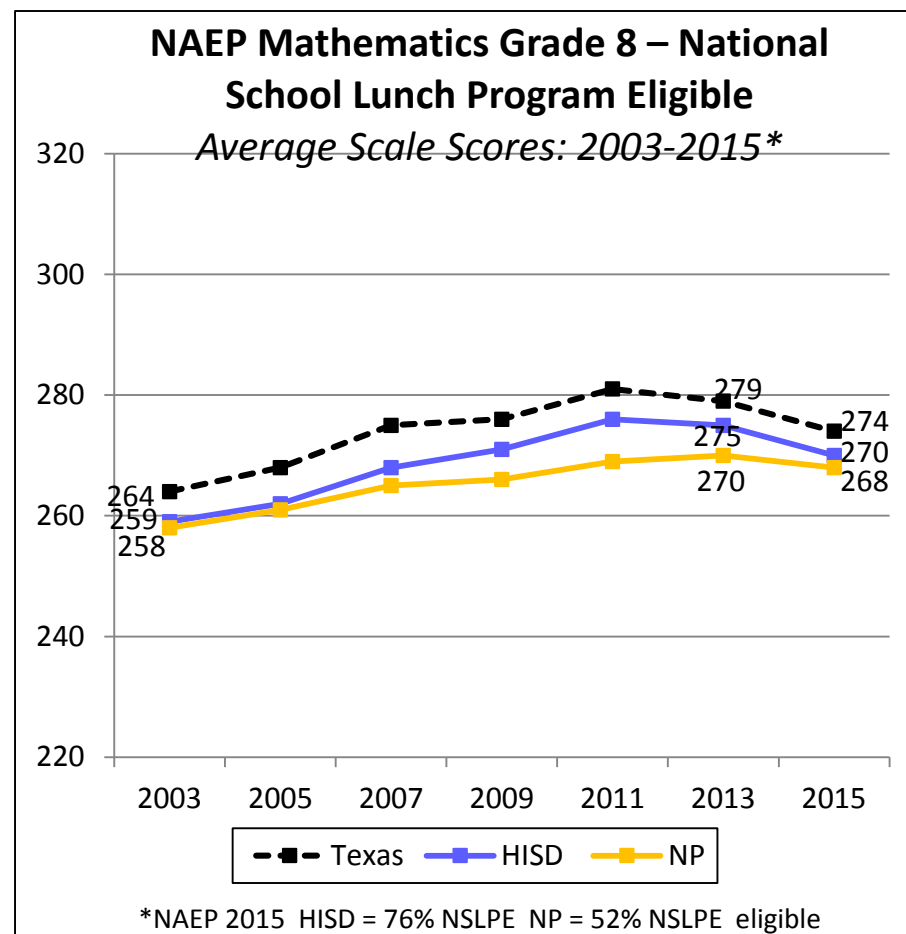
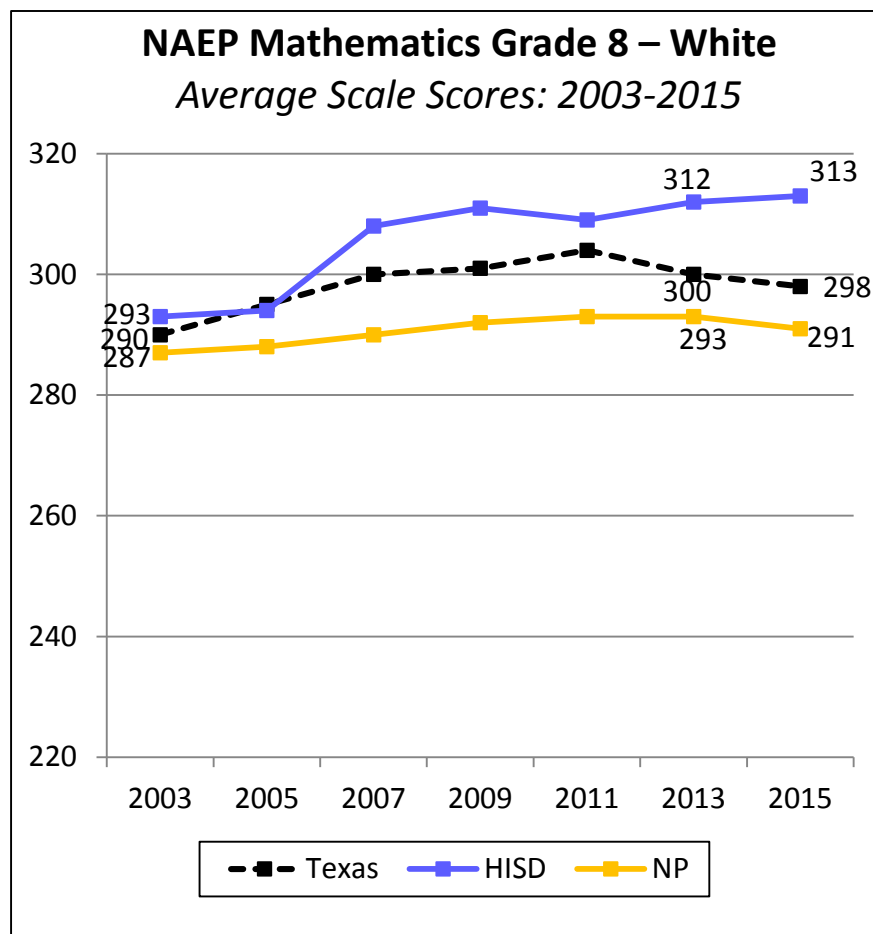


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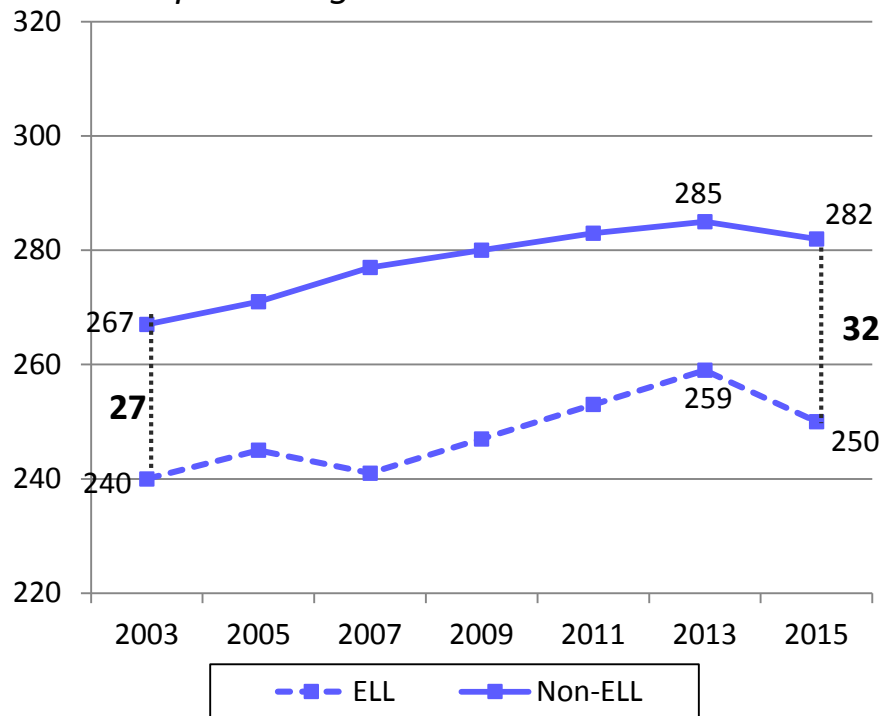
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



# Grade 8 Mathematics ELL and Non-ELL Scale Score Gap Comparison: HISD Gaps Consistently Smaller than Nation Public (NP) Sample\*

**NAEP Mathematics Grade 8  
HISD ELL and Non-ELL**

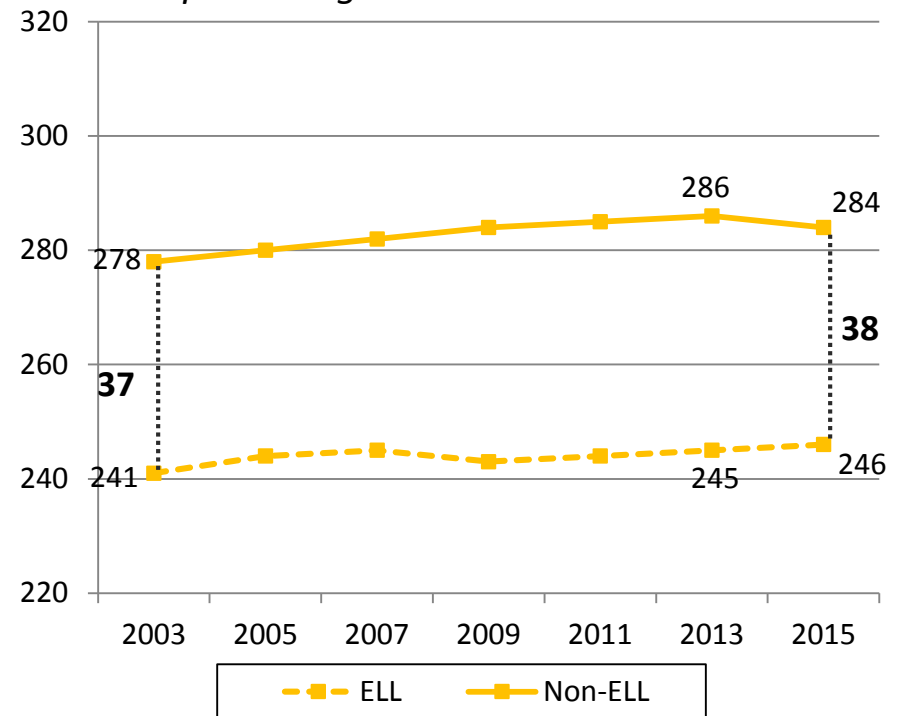
*Gap - Average Scale Scores: 2003-2015\**



\*NAEP 2015 HISD = 16% identified ELL NP = 6% identified ELL

**NAEP Mathematics Grade 8  
Nation (Public) ELL and Non-ELL**

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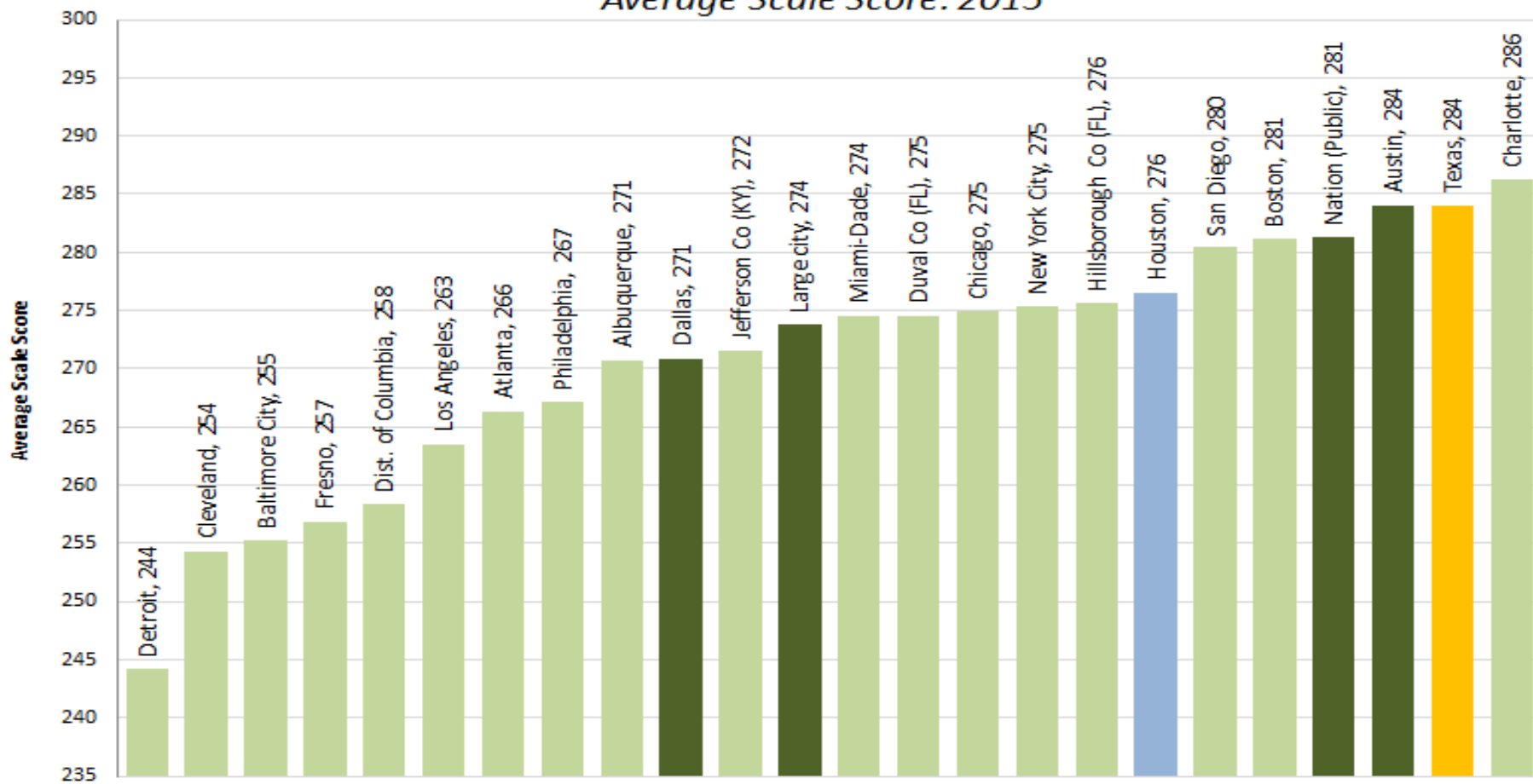
SOURCE: SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



# 2015 TUDA COMPARISON

## NAEP Mathematics Grade 8 – Overall

*Average Scale Score: 2015*



NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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





# Grade 8 Reading Results

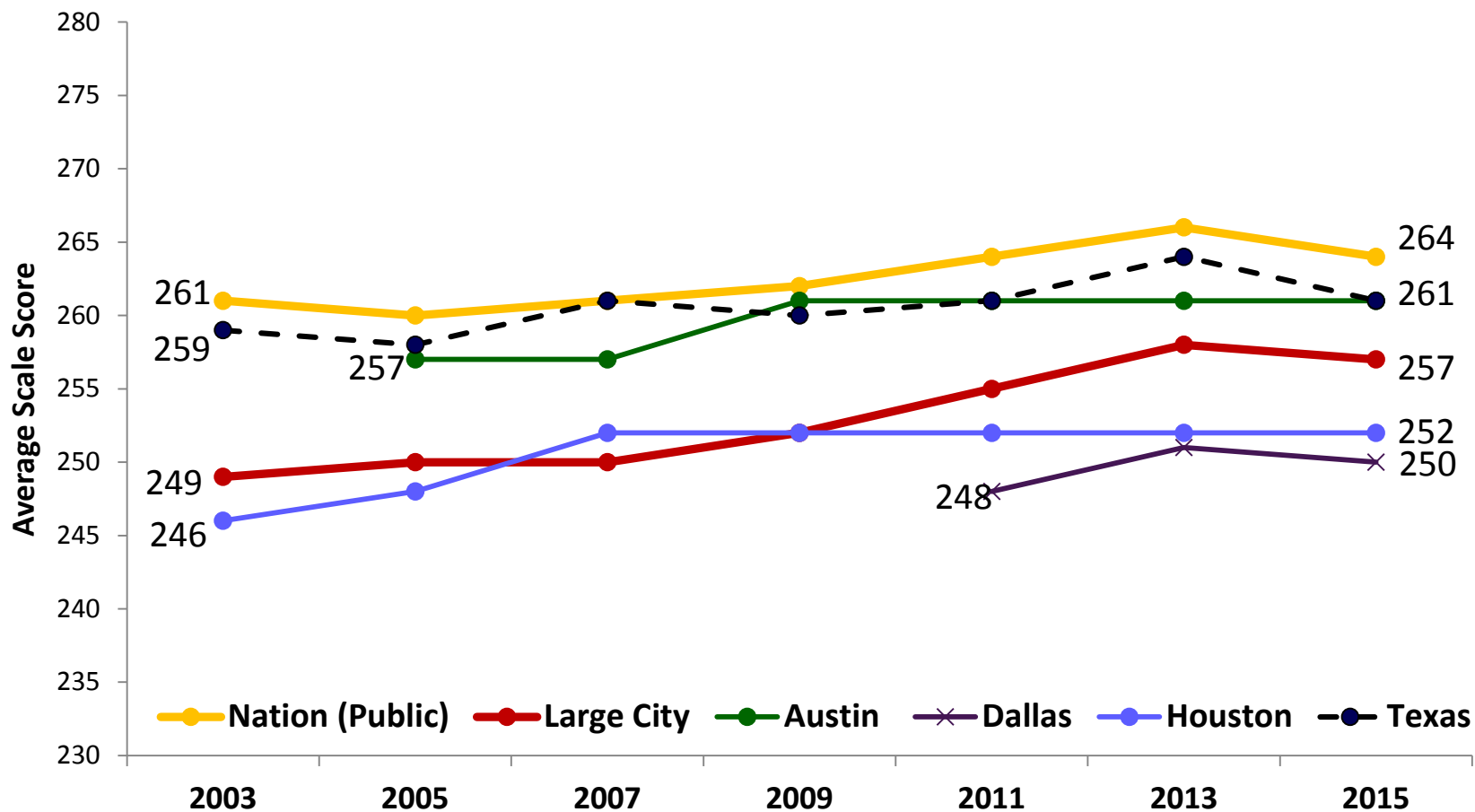
- Since 2007, 8<sup>th</sup> grade reading average scales scores have remained stable at 252 while public schools in large cities has increased by 7 points, from 250 to 257 and the nation's public schools has increased by 3 points from 261 to 264.
- Houston outperformed 9 urban districts including Dallas, but was far below public schools in large cities.
- In 2015, the percentage of students in HISD who performed at or above *Basic* was 61% and at or above *Proficient* was 20%.

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





# HISD Grade 8 Reading Average Scale Score Comparisons Over Time, 2003 - 2015

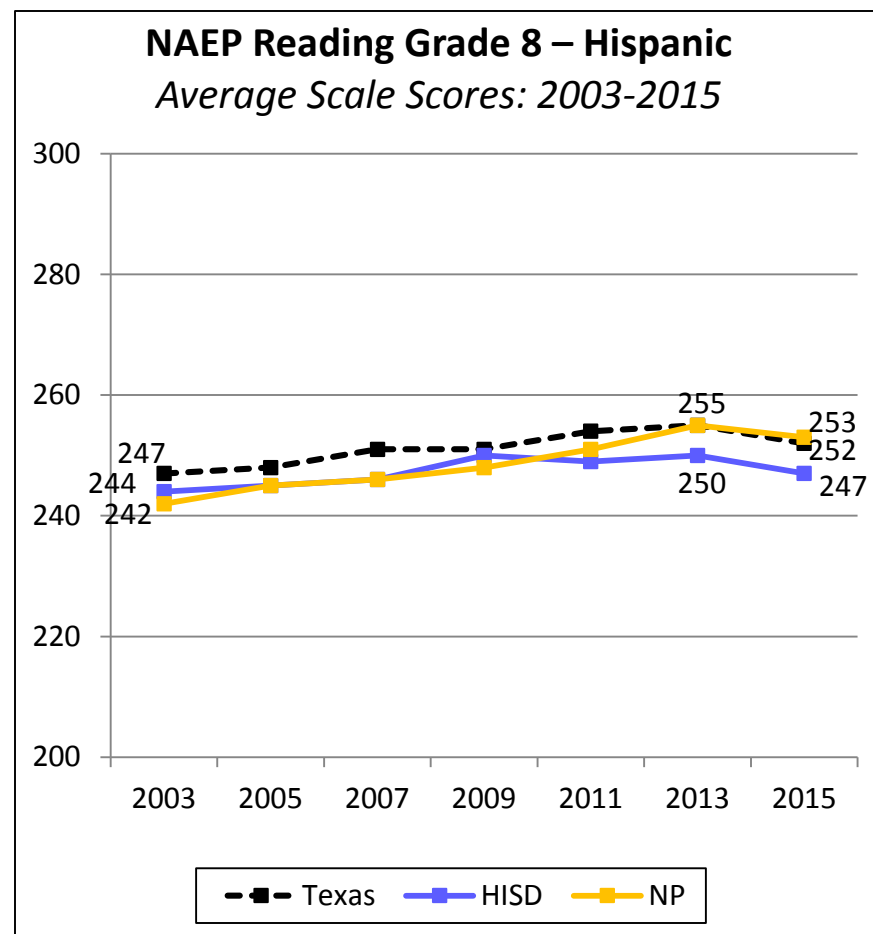
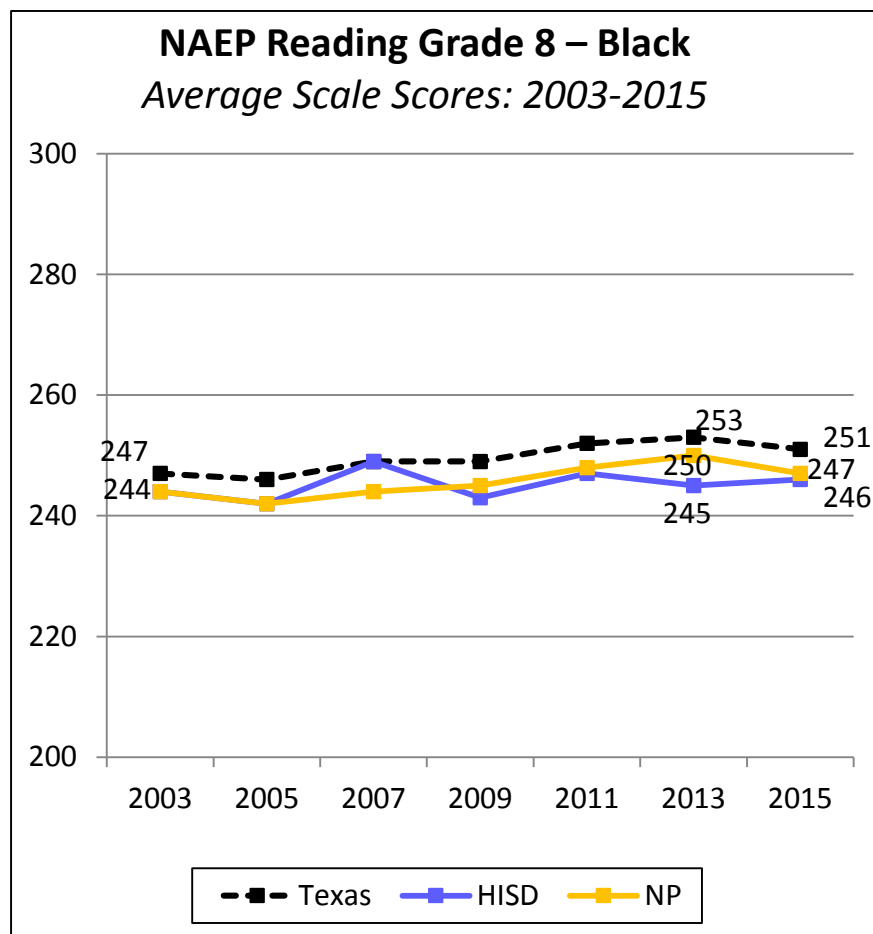


NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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# HISD Student Groups in Comparison with Nation Public (NP) Sample

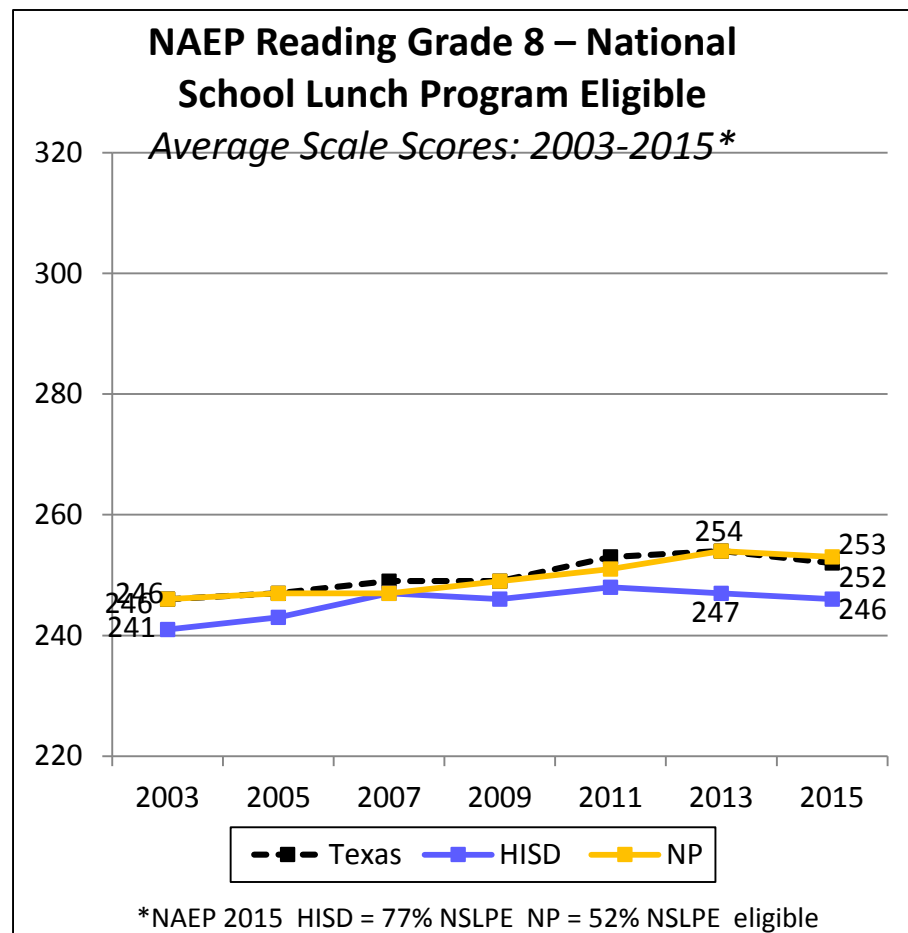
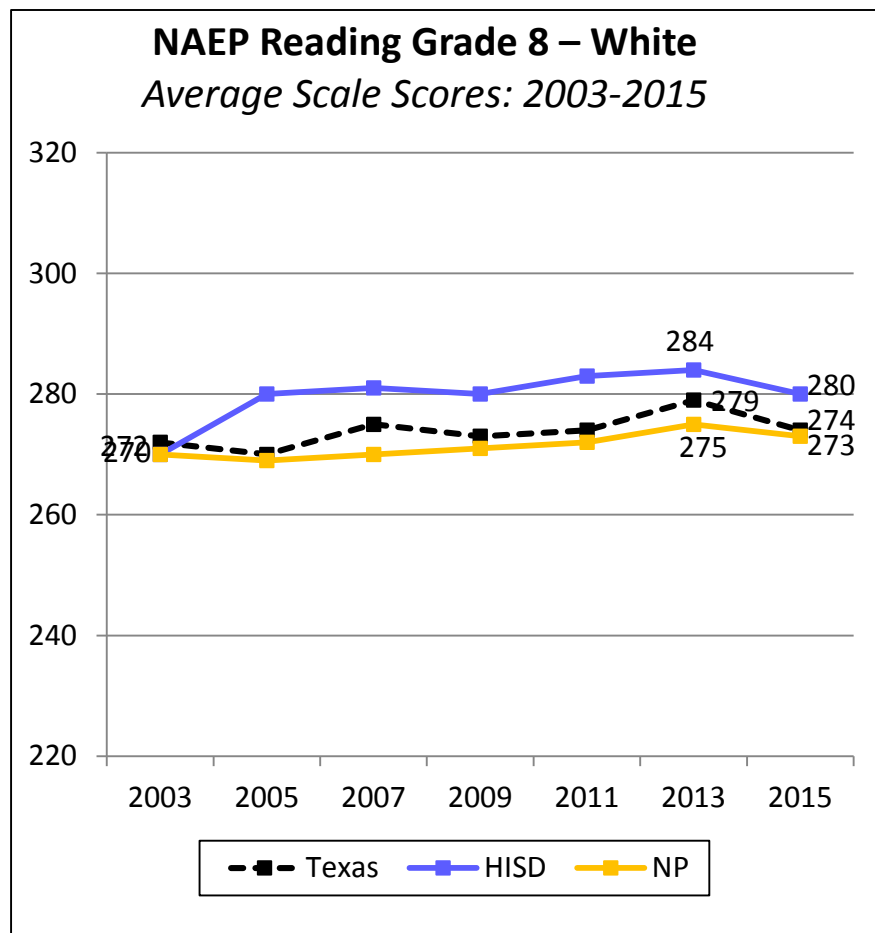


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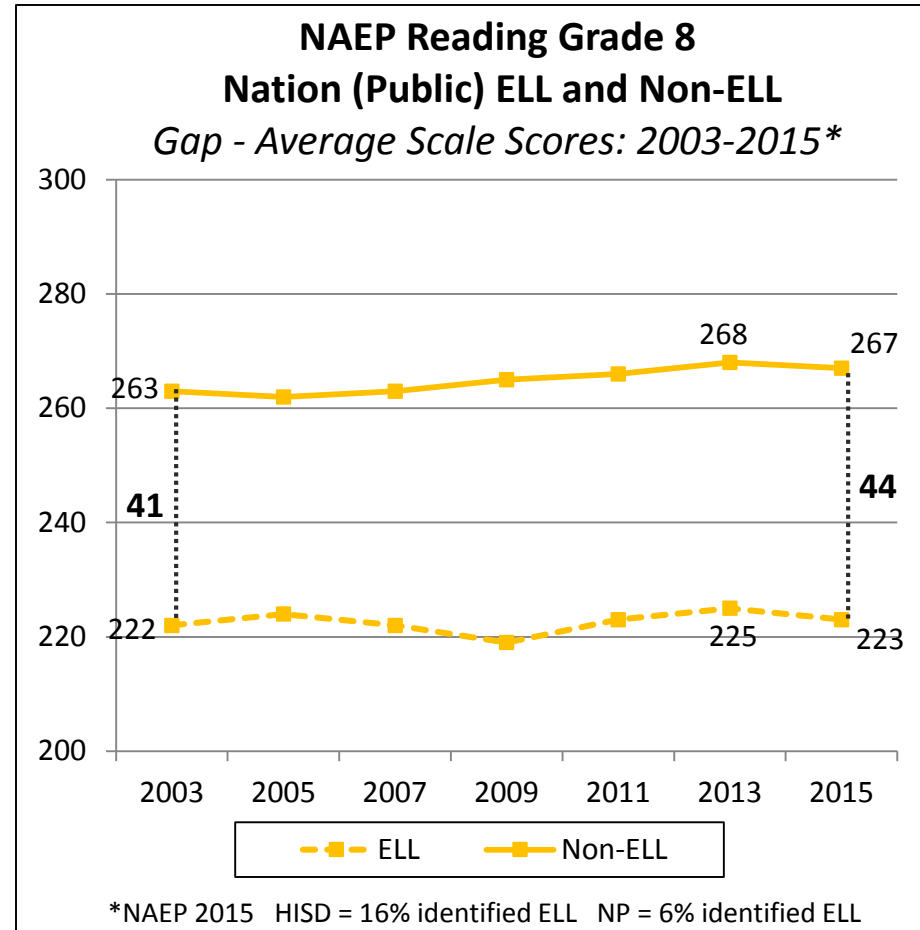
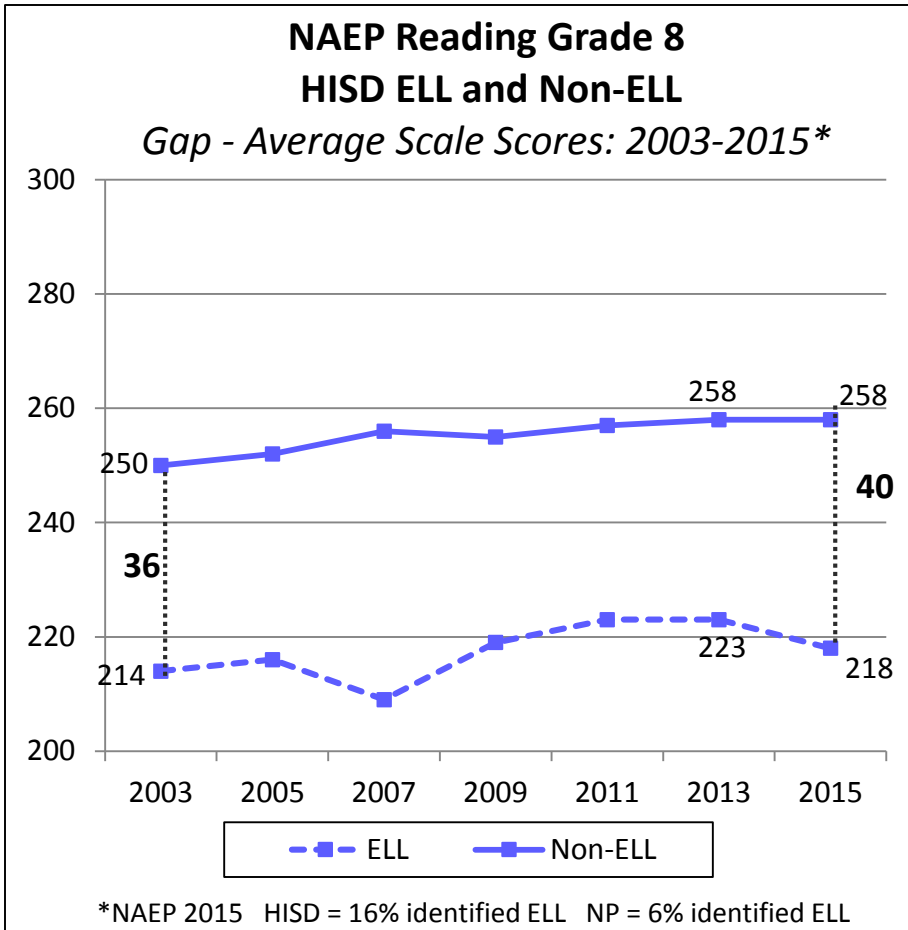


NOTE: Observed differences are not necessarily statistically significant. NAEP scale scores range from 0 to 500.

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



# Grade 8 Reading ELL and Non-ELL Scale Score Gap Comparison: HISD Gaps Consistently Smaller than Nation Public (NP) Sample\*



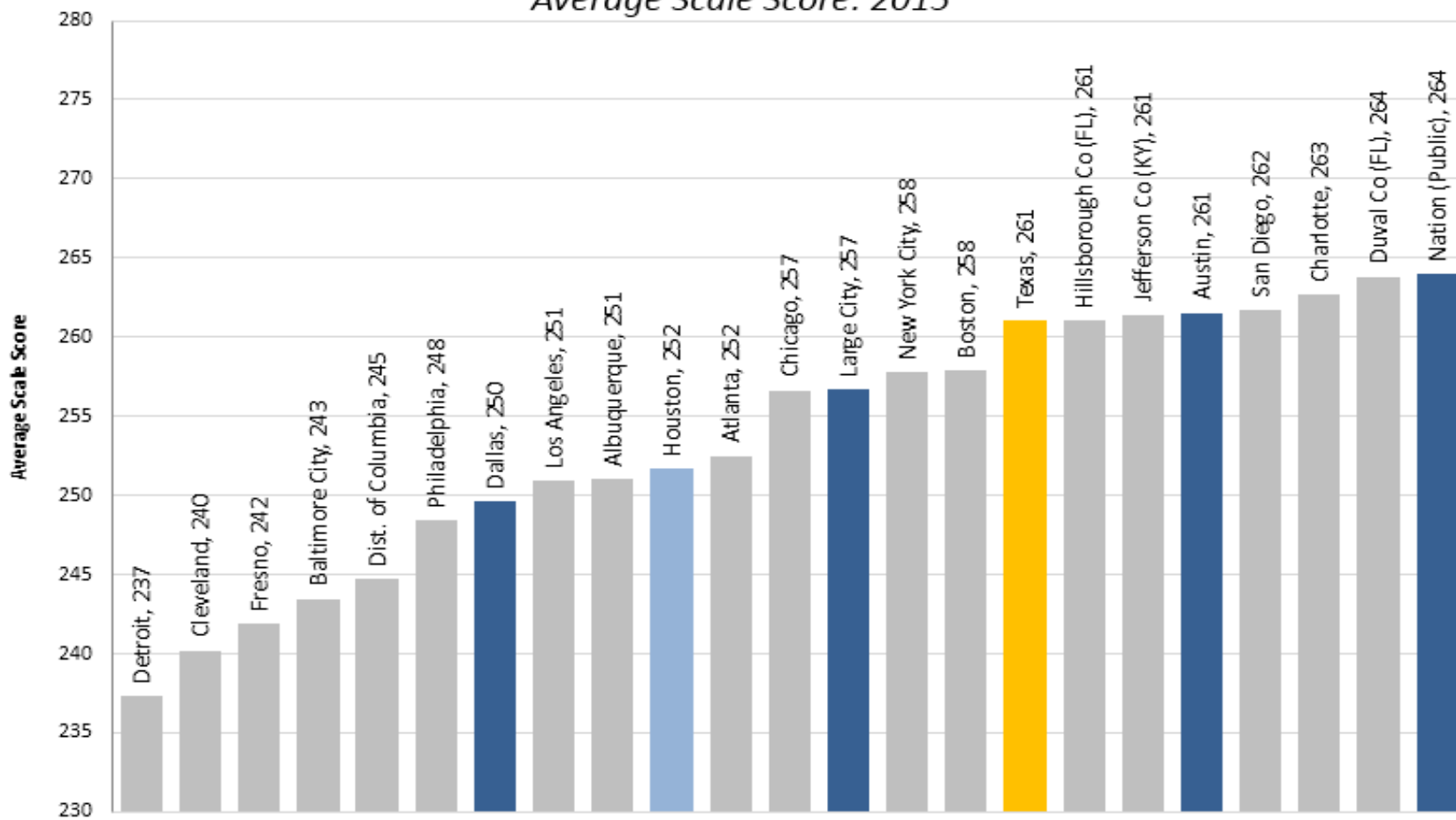
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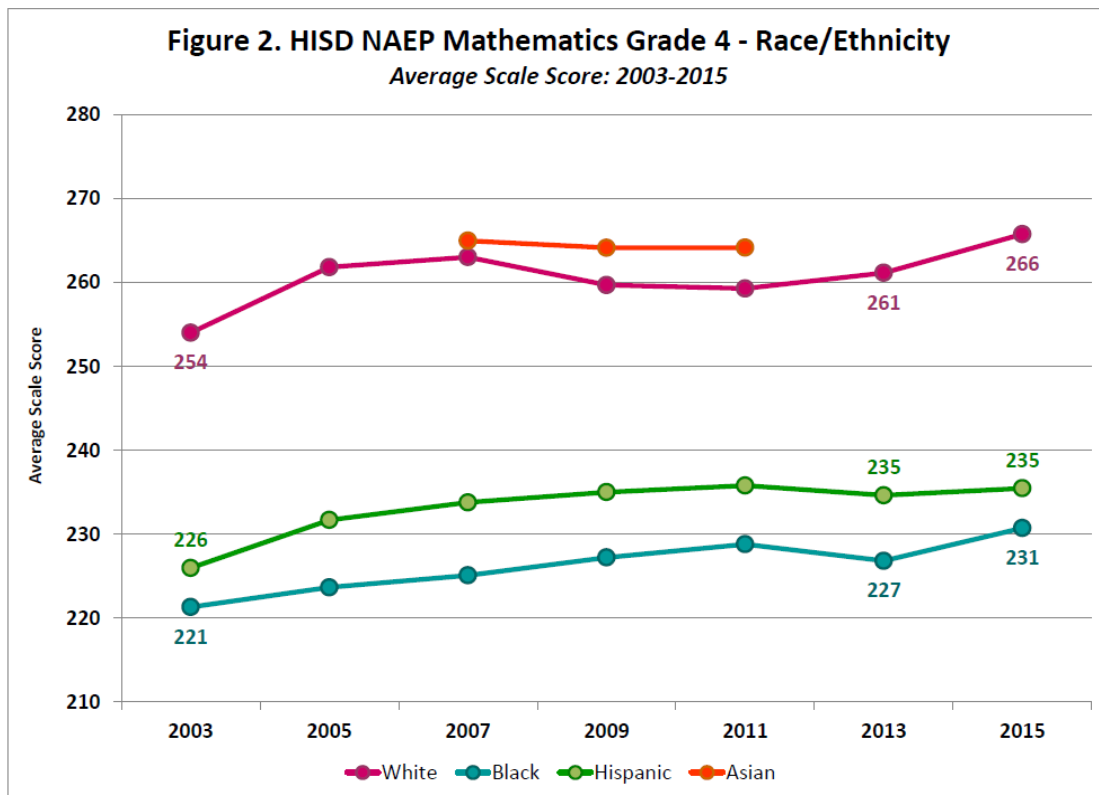
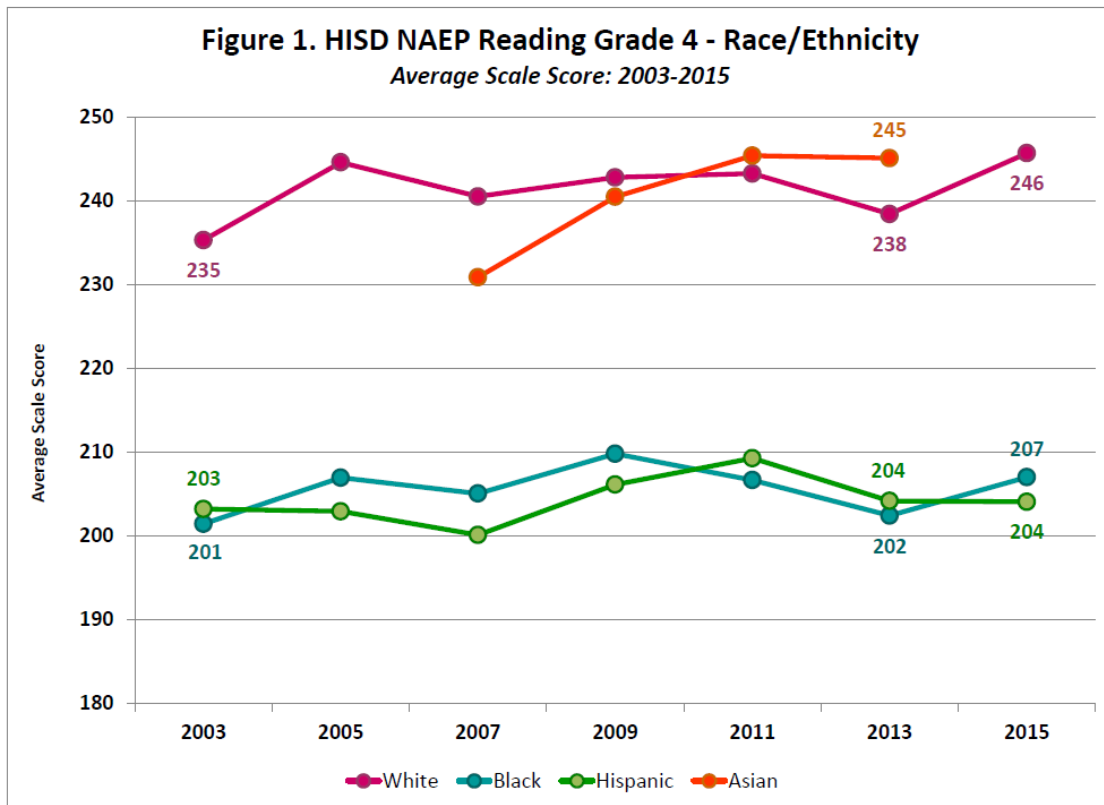
# 2015 TUDA COMPARISON

**NAEP Reading Grade 8 – Overall**  
*Average Scale Score: 2015*

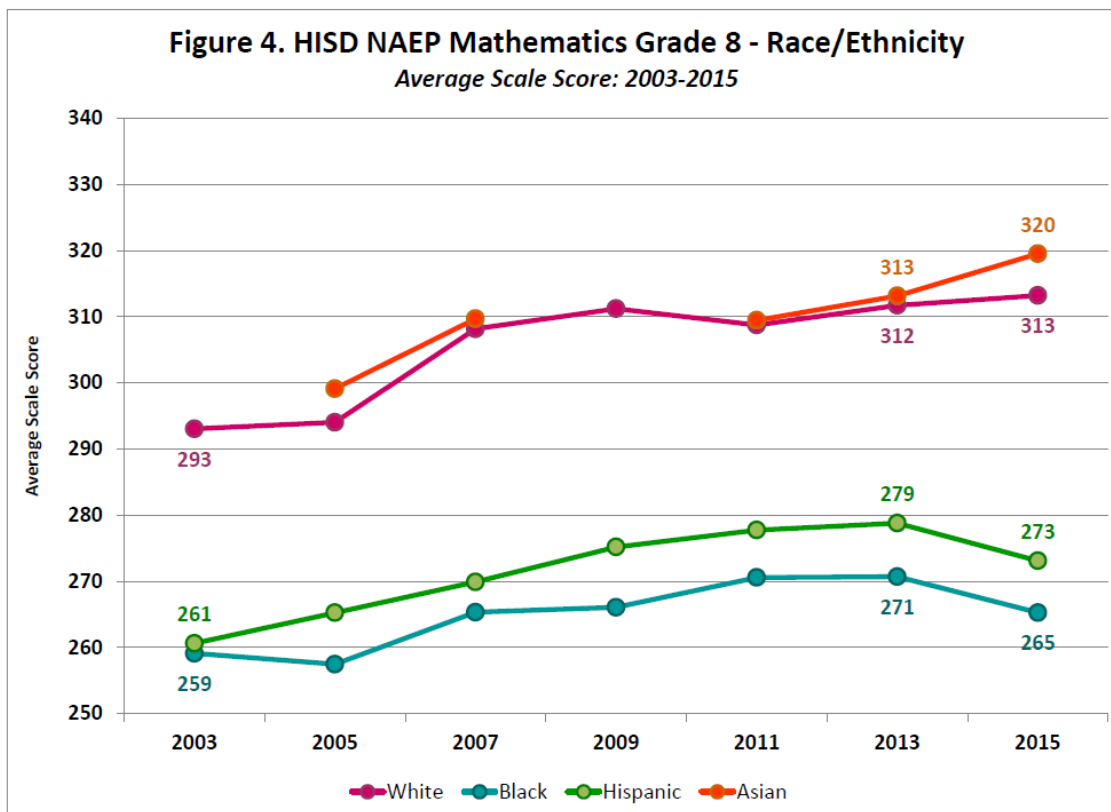
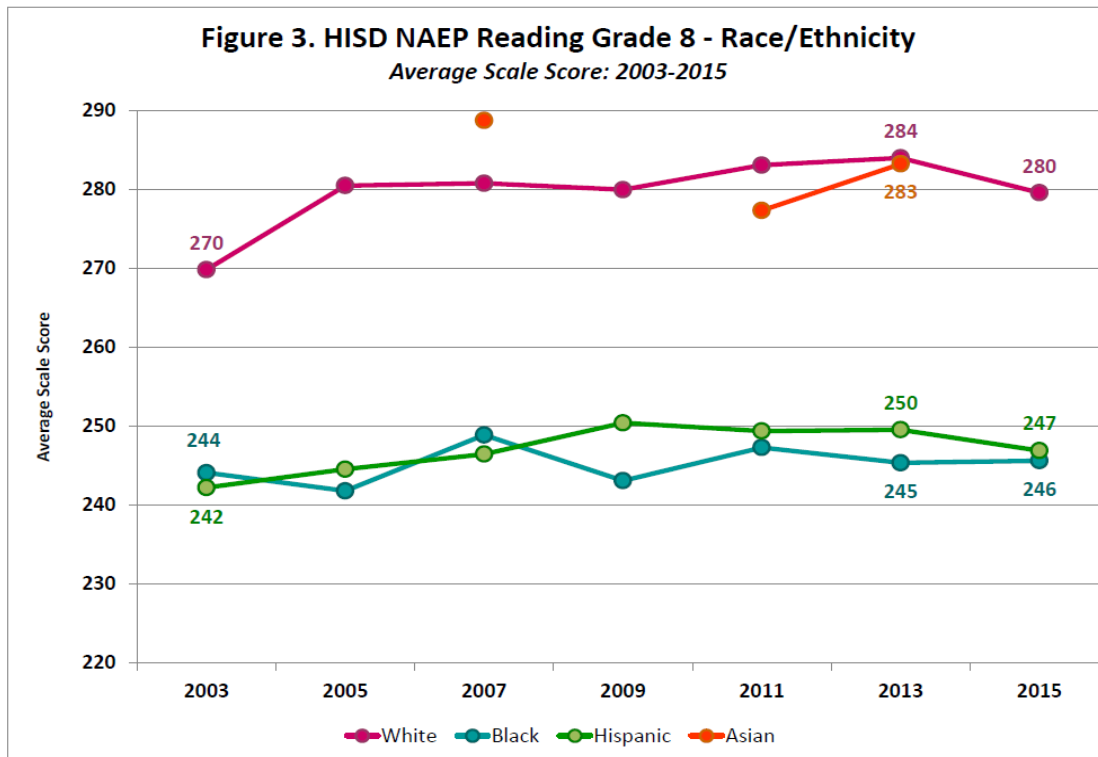


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SOURCE: SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment



SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading and Mathematics Assessment



SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading and Mathematics Assessment

**NAEP Fourth Grade Reading Scale Scores (0-500):  
2002, 2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 scores*

**Table 1:** NAEP Fourth Grade Reading Assessment Scale Scores: 2002, 2003, 2005, 2007, 2009, 2011, 2013, and 2015

<b>Jurisdiction</b>	<b>2002</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>2015</b>	<b>Change 2013 to 2015</b>
Hillsborough Co (FL)	+	+	+	+	+	231	228	230	2
Charlotte	+	219	221	222	225	224	226	226	0
Miami-Dade	+	+	+	+	221	221	223	226	3
Duval Co (FL)	+	+	+	+	+	+	+	225	n/a
Jefferson Co (KY)	+	+	+	+	219	223	221	222	1
Nation (Public)	217	216	217	220	220	220	221	221	0
Austin	+	+	217	218	220	224	221	220	-1
Boston	+	206	207	210	215	217	214	219	5
Texas	217	215	219	220	219	218	217	218	1
San Diego	+	208	208	210	213	215	218	216	-2
New York City	206	210	213	213	217	216	216	214	-2
Large City	202	204	206	208	210	211	212	214	2
District of Columbia	191	188	191	197	203	201	206	214	8
Chicago	193	198	198	201	202	203	206	213	7
Atlanta	195	197	201	207	209	212	214	212	-2
<b>Houston</b>	<b>206</b>	<b>207</b>	<b>211</b>	<b>206</b>	<b>211</b>	<b>213</b>	<b>208</b>	<b>210</b>	<b>2</b>
Albuquerque	+	+	+	+	+	209	207	207	0
Dallas	+	+	+	+	+	204	205	204	-1
Los Angeles	191	194	196	196	197	201	205	204	-1
Philadelphia	+	+	+	+	195	199	200	201	1
Baltimore City	+	+	+	+	202	200	204	199	-5
Fresno	+	+	+	+	197	194	196	199	3
Cleveland	+	195	197	198	194	193	190	197	7
Detroit	+	+	+	+	187	191	190	186	-4
Milwaukee	+	+	+	+	196	195	199	+	n/a

+Did not participate

"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.



**NAEP Fourth Grade Reading Scores, Percent ≥ Basic, and ≥ Proficient:  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 Basic scores*

**Table 2:** NAEP Fourth-Grade Reading Assessment Results by Percentage of Students at or Above Basic and Proficient Levels: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

Jurisdiction	Percent Tested ≥ Basic							Percent Tested ≥ Proficient						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Hillsborough Co (FL)	+	+	+	+	77	75	77	+	+	+	+	44	40	41
Miami-Dade	+	+	+	68	67	70	74	+	+	+	31	32	35	39
Duval Co (FL)	+	+	+	+	+	+	73	+	+	+	+	+	+	35
Charlotte	64	66	66	71	70	72	72	31	33	35	36	36	40	39
Nation (Public)	62	62	66	66	66	67	68	30	30	32	32	32	34	35
Jefferson Co (KY)	+	+	+	64	68	66	68	+	+	+	30	35	33	36
Austin	+	61	62	65	68	65	65	+	28	30	32	36	36	35
Boston	48	51	54	61	62	61	65	16	16	20	24	26	26	29
Texas	59	64	66	65	64	63	64	27	29	30	28	28	28	31
San Diego	51	51	55	59	61	64	61	22	22	25	29	31	33	30
New York City	53	57	57	62	61	62	59	22	22	25	29	29	28	26
Large City	47	49	53	54	55	57	59	19	20	22	23	24	26	27
Chicago	40	40	44	45	48	51	58	14	14	16	16	18	21	27
Dist. of Columbia	31	33	39	46	44	49	56	10	11	14	18	20	25	30
Atlanta	37	41	48	50	54	57	54	14	17	18	22	24	27	26
Albuquerque	+	+	+	+	53	54	54	+	+	+	+	24	24	24
<b>Houston</b>	<b>48</b>	<b>52</b>	<b>49</b>	<b>55</b>	<b>57</b>	<b>52</b>	<b>54</b>	<b>18</b>	<b>21</b>	<b>17</b>	<b>19</b>	<b>24</b>	<b>19</b>	<b>23</b>
Los Angeles	35	37	39	40	45	50	50	11	14	13	13	15	18	21
Dallas	+	+	+	+	46	49	47	+	+	+	+	14	16	17
Philadelphia	+	+	+	39	43	44	44	+	+	+	11	13	15	14
Fresno	+	+	+	40	37	39	42	+	+	+	12	11	13	13
Baltimore City	+	+	+	42	40	45	40	+	+	+	12	11	14	11
Cleveland	35	37	39	34	32	33	39	9	10	9	8	8	9	11
Detroit	+	+	+	27	31	30	29	+	+	+	5	7	8	5
Milwaukee	+	+	+	39	38	42	+	+	+	+	12	13	16	+

+Did not participate

"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years

**NAEP Eighth Grade Reading Scale Scores (0-500):  
2002, 2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 scores*

**Table 3:** NAEP Eighth Grade Reading Assessment Scale Scores: 2002, 2003, 2005, 2007, 2009, 2011, 2013, and 2015

<b>Jurisdiction</b>	<b>2002</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>2015</b>	<b>Change 2013 to 2015</b>
Hillsborough Co (FL)	+	+	+	+	+	264	267	261	-6
Nation (Public)	263	261	260	261	262	264	266	264	-2
Charlotte	+	262	259	260	259	265	266	263	-3
Texas	262	259	258	261	260	261	264	261	-3
Austin		+	257	257	261	261	261	261	0
Jefferson Co (KY)	+	+	+	+	259	260	261	261	0
San Diego	+	250	253	250	254	256	260	262	2
Miami-Dade	+	+	+	+	261	260	259	265	6
Large City	250	249	250	250	252	255	258	257	-1
Boston	+	252	253	254	257	255	257	258	1
Albuquerque	+	+	+	+	+	254	256	251	-5
New York City	+	252	251	249	252	254	256	258	2
Atlanta	236	240	240	245	250	253	255	252	-3
Chicago	249	248	249	250	249	253	253	257	4
<b>Houston</b>	<b>248</b>	<b>246</b>	<b>248</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>0</b>
Baltimore City	+	+	+	+	245	246	252	243	9
Dallas	+	+	+	+	+	248	251	250	-1
Los Angeles	237	234	239	240	244	246	250	251	1
Philadelphia	+	+	+	+	247	247	249	248	-1
District of Columbia	240	239	238	241	240	237	245	245	0
Fresno	+	+	+	+	240	238	245	242	-3
Milwaukee	+	+	+	+	241	238	242	+	n/a
Cleveland	+	240	240	246	242	240	239	240	1
Detroit	+	+	+	+	232	237	239	237	-2
Duval Co (FL)	+	+	+	+	+	+	+	264	n/a

*+Did not participate*

*"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.*

*SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.*

**NAEP Eighth Grade Reading Scores, Percent ≥ Basic, and ≥ Proficient:  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 Basic scores*

**Table 4:** NAEP Eighth-Grade Reading Assessment Results by Percentage of Students at or Above Basic and Proficient Levels: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

Jurisdiction	Percent Tested ≥ Basic							Percent Tested ≥ Proficient						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Miami-Dade	+	+	+	73	71	71	78	+	+	+	29	28	27	32
Nation (Public)	72	71	73	74	75	77	75	30	29	29	30	32	34	33
Duval Co (FL)	+	+	+	+	+	+	75	+	+	+	+	+	+	7
Charlotte	71	69	69	70	75	76	74	30	29	29	28	34	36	34
San Diego	60	63	60	65	68	70	73	20	23	23	25	27	29	32
Texas	71	69	73	73	74	76	72	26	26	28	27	27	31	28
Hillsborough Co (FL)	+	+	+	+	75	77	71	+	+	+	+	32	35	29
Austin	+	65	66	71	71	70	70	+	27	28	30	30	31	33
Jefferson Co (KY)	+	+	+	68	70	69	70	+	+	+	26	27	29	31
Large City	58	60	60	63	65	68	67	19	20	20	21	23	26	25
New York City	62	61	59	62	65	67	67	22	20	20	21	24	25	26
Boston	61	61	63	68	63	66	67	22	23	22	23	24	28	28
Chicago	59	60	61	60	64	64	67	15	17	17	17	21	20	24
Atlanta	47	46	53	60	63	63	62	11	12	13	17	17	22	21
Los Angeles	43	47	50	54	56	60	62	11	13	12	15	16	19	19
Albuquerque	+	+	+	+	64	66	61	+	+	+	+	22	24	19
Houston	55	59	63	64	64	63	61	14	17	18	18	18	19	20
Dallas	+	+	+	+	58	63	61	+	+	+	+	13	16	17
Philadelphia	+	+	+	56	56	58	58	+	+	+	15	16	16	16
Dist. of Columbia	47	45	48	48	46	53	52	10	12	12	14	15	17	19
Baltimore City	+	+	+	54	54	61	51	+	+	+	10	12	15	13
Fresno	+	+	+	48	45	54	51	+	+	+	12	12	13	12
Cleveland	48	49	56	52	48	49	48	10	10	11	10	11	11	10
Detroit	+	+	+	40	43	46	43	+	+	+	7	7	8	7
Milwaukee	+	+	+	51	46	51	+	+	+	+	12	10	13	+

+Did not participate

"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.

**NAEP Reading Sample and Exclusions: 2003, 2005, 2007, 2009, 2011, 2013, and 2015****Table 5:** Percentage of Identified and Excluded Students with Disabilities (SD) and English Language Learners (ELLs) for HISD: 2003, 2005, 2007, 2009, 2011, 2013, and 2015 Reading

Group	Grade 4							Grade 8						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
TUDA Sample	1,889	1,700	2,400	2,000	2,400	2,300	1,600	1,660	1,700	2,000	1,900	2,000	2,100	1,500
SD/ELL Identified	42%	44%	45%	43%	44%	46%	48%	27%	24%	23%	22%	23%	25%	27%
SD/ELL Excluded	24%	23%	17%	18%	14%	6%	5%	10%	7%	9%	8%	6%	4%	4%
SD Identified	18%	12%	11%	7%	8%	8%	10%	18%	13%	13%	12%	12%	10%	11%
SD Excluded	9%	7%	6%	4%	4%	3%	2%	7%	5%	6%	6%	5%	3%	3%
ELL Identified	33%	36%	37%	38%	38%	40%	41%	16%	14%	13%	12%	14%	17%	18%
ELL Excluded	20%	19%	13%	16%	12%	5%	4%	6%	4%	4%	4%	2%	2%	2%

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.

**NAEP Reading Fourth Grade Characteristics: 2015****Table 6:** Selected Characteristics of Public School Students in NAEP Fourth Grade Reading, by Jurisdiction: 2015

Jurisdiction	Students Assessed, N	% White	% Black	% Hispanic	% Asian /Pacific Islander	% Eligible For Lunch Program	% with Disabilities	% English Language Learners
Nation (Public)	134,000	49	15	26	5	55	13	11
Texas	5,600	26	14	53	5	63	12	22
Large City	35,500	19	25	45	8	73	13	19
<b>Houston</b>	1,600	9	25	62	3	80	8	39
Albuquerque	1,100	21	2	66	2	66	16	20
Atlanta	1,100	18	72	7	1	75	8	3
Austin	1,100	26	7	60	4	63	15	37
Baltimore City	1,000	8	80	9	1	81	11	4
Boston	1,000	15	31	45	9	100	19	32
Charlotte	1,100	28	42	23	6	67	9	9
Chicago	1,800	12	41	42	5	83	12	14
Cleveland	1,000	15	64	16	1	100	19	7
Dallas	1,100	6	21	70	1	89	5	50
Detroit	900	1	82	16	#	74	10	15
District of Columbia	1,400	16	64	16	2	72	12	6
Duval Co (FL)	1,000	39	40	12	5	48	15	3
Fresno	1,100	10	7	69	10	91	8	27
Hillsborough Co (FL)	1,100	38	20	33	4	58	19	12
Jefferson Co (KY)	1,100	49	35	9	4	70	10	7
Los Angeles	1,500	12	7	74	8	84	11	30
Miami-Dade	1,700	8	19	70	1	71	9	19
Milwaukee	--	--	--	--	--	--	--	--
New York City	1,700	13	25	45	16	85	22	13
Philadelphia	1,100	13	53	20	7	68	12	8
San Diego	1,100	20	10	48	15	70	11	37

# Rounds to zero

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment

**NAEP Reading Eighth Grade Characteristics: 2015****Table 7:** Selected Characteristics of Public School Students in NAEP Eighth Grade Reading, by Jurisdiction: 2015

Jurisdiction	Students Assessed, N	% White	% Black	% Hispanic	% Asian /Pacific Islander	% Eligible For Lunch Program	% with Disabilities	% English Language Learners
Nation (Public)	131,900	51	15	25	6	52	12	6
Texas	5,700	31	11	52	4	57	10	11
Large City	33,300	20	26	44	8	70	13	12
<b>Houston</b>	<b>1,500</b>	<b>7</b>	<b>26</b>	<b>62</b>	<b>5</b>	<b>77</b>	<b>8</b>	<b>16</b>
Albuquerque	1,100	23	2	68	3	65	15	14
Atlanta	1,300	11	80	6	1	82	11	2
Austin	1,000	27	8	58	4	57	14	16
Baltimore	800	8	82	8	1	76	15	4
Boston	1,000	14	35	39	11	100	18	23
Charlotte	1,100	30	40	22	6	61	9	6
Chicago	1,600	9	43	45	3	88	15	8
Cleveland	900	13	67	16	1	100	23	7
Dallas	1,000	4	22	72	1	91	7	33
Detroit	1,100	1	81	14	3	72	14	15
District of Columbia	900	10	72	15	1	76	20	6
Duval Co (FL)	1,100	38	43	10	6	41	10	3
Fresno	1,000	10	72	15	1	76	20	6
Hillsborough Co (FL)	1,100	34	22	35	4	61	16	9
Jefferson Co (KY)	1,100	50	36	8	4	62	10	5
Los Angeles	1,400	10	8	75	6	85	13	13
Miami-Dade	1,400	10	21	68	1	74	9	11
Milwaukee	--	--	--	--	--	--	--	--
New York	1,600	15	30	37	17	79	18	9
Philadelphia	900	19	51	19	9	57	15	6
San Diego	900	23	8	44	17	62	10	16

# Rounds to zero

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment

**NAEP Fourth Grade Mathematics Scale Scores (0-500):  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 scores*

**Table 8:** NAEP Fourth Grade Mathematics Assessment Scale Scores: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

<b>Jurisdiction</b>	<b>2002</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>2015</b>	<b>Change 2013 to 2015</b>
Charlotte	-	242	244	244	245	247	247	248	1
Austin	-	+	242	217	240	245	245	246	1
Hillsborough Co (FL)	-	+	+	+	+	243	243	244	1
Texas	-	237	242	242	240	241	242	244	2
Duval Co (FL)	-	+	+	+	+	+	+	243	n/a
Miami-Dade	-	+	+	+	236	236	237	242	5
Nation (Public)	-	234	237	239	239	240	241	240	-1
<b>Houston</b>	-	<b>227</b>	<b>233</b>	<b>234</b>	<b>236</b>	<b>237</b>	<b>236</b>	<b>239</b>	<b>3</b>
Dallas	-	+	+	+	+	233	234	238	4
Boston	-	220	229	233	236	237	237	236	-1
Jefferson Co (KY)	-	+	+	+	233	235	234	236	2
Large City	-	224	228	230	231	233	235	234	-1
San Diego	-	226	232	234	236	239	241	233	-8
Chicago	-	214	216	220	222	224	231	232	1
District of Columbia	-	205	211	214	220	222	229	232	3
New York City	-	226	231	236	237	234	236	231	-5
Albuquerque	-	+	+	+	+	235	235	231	-4
Atlanta	-	216	221	224	225	228	235	228	-7
Los Angeles	-	216	220	221	222	223	228	224	-4
Cleveland	-	215	220	215	213	216	216	219	3
Fresno	-	+	+	+	219	218	220	218	-2
Philadelphia	-	+	+	+	222	225	223	217	-6
Baltimore City	-	+	+	+	222	226	223	215	-8
Detroit	-	+	+	+	200	203	204	205	1
Milwaukee	-	+	+	+	220	220	221	+	n/a

*+Did not participate*

*"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.*

*SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.*

**NAEP Fourth Grade Mathematics Scores, Percent ≥ Basic, and ≥ Proficient:  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 Basic scores*

**Table 9:** NAEP Fourth-Grade Math Assessment Results by Percentage of Students at or Above Basic and Proficient Levels: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

Jurisdiction	Percent Tested ≥ Basic							Percent Tested ≥ Proficient						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Charlotte	84	86	85	86	88	87	86	41	44	44	45	48	50	51
Duval Co (FL)	+	+	+	+	+	+	86	+	+	+	+	+	+	41
Hillsborough Co (FL)	+	+	+	+	86	85	86	+	+	+	+	43	43	43
<b>Texas</b>	<b>82</b>	<b>87</b>	<b>87</b>	<b>85</b>	<b>85</b>	<b>84</b>	<b>86</b>	<b>33</b>	<b>40</b>	<b>40</b>	<b>38</b>	<b>39</b>	<b>41</b>	<b>44</b>
Austin	+	85	83	83	87	85	85	+	40	40	38	46	47	47
Miami-Dade	+	+	+	81	79	81	85	+	+	+	33	33	35	41
Nation (Public)	76	79	81	81	82	82	81	31	35	39	38	40	41	39
<b>Houston</b>	<b>70</b>	<b>77</b>	<b>80</b>	<b>82</b>	<b>82</b>	<b>80</b>	<b>80</b>	<b>18</b>	<b>26</b>	<b>28</b>	<b>30</b>	<b>32</b>	<b>32</b>	<b>36</b>
Boston	59	72	77	81	81	80	78	12	22	27	31	33	34	33
Dallas	+	+	+	+	79	78	82	+	+	+	+	25	31	35
Jefferson Co (KY)	+	+	+	72	78	75	77	+	+	+	31	32	33	34
<b>Large City</b>	<b>63</b>	<b>68</b>	<b>70</b>	<b>72</b>	<b>74</b>	<b>75</b>	<b>75</b>	<b>20</b>	<b>24</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>33</b>	<b>32</b>
New York City	67	73	79	79	76	77	74	21	26	34	35	32	34	27
San Diego	66	74	74	77	80	81	73	20	29	35	36	39	43	31
Albuquerque	+	+	+	+	76	75	73	+	+	+	+	34	34	29
Chicago	50	52	58	62	64	70	71	10	13	16	18	20	27	30
Dist. of Columbia	36	45	49	57	59	64	68	7	10	14	19	23	30	33
Atlanta	50	57	61	63	66	72	65	13	17	20	21	25	31	26
Los Angeles	52	58	60	61	63	69	64	13	18	19	19	20	25	21
Cleveland	51	60	53	51	53	54	59	10	13	10	8	11	13	14
Philadelphia	+	+	+	61	66	62	55	+	+	+	16	20	19	15
Fresno	+	+	+	58	56	59	55	+	+	+	14	15	15	14
Baltimore City	+	+	+	64	68	62	51	+	+	+	13	17	19	12
Detroit	+	+	+	31	34	35	35	+	+	+	3	3	4	4
Milwaukee	+	+	+	59	58	61	+	+	+	+	15	14	18	+

+Did not participate

"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.



**NAEP Eighth Grade Mathematics Scale Scores (0-500):  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 scores*

**Table 10:** NAEP Eighth Grade Mathematics Assessment Scale Scores: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

<b>Jurisdiction</b>	<b>2002</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>2015</b>	<b>Change 2013 to 2015</b>
Charlotte	-	279	281	283	283	285	289	286	-3
Texas	-	277	281	286	287	290	288	284	-4
Austin	-	+	281	283	287	287	285	284	-1
Nation	-	276	278	280	282	283	284	281	-3
Boston	-	262	270	276	279	282	283	281	-2
San Diego	-	264	270	272	280	278	277	280	3
Hillsborough Co (FL)	-	+	+	+	+	282	284	276	-8
<b>Houston</b>	-	<b>264</b>	<b>267</b>	<b>273</b>	<b>277</b>	<b>279</b>	<b>280</b>	<b>276</b>	<b>-4</b>
New York City	-	266	267	270	273	272	274	275	1
Chicago	-	254	258	260	264	270	269	275	6
Duval Co (FL)	-	+	+	+	+	+	+	275	n/a
Large City	-	262	265	269	271	274	276	274	-2
Miami-Dade	-	+	+	+	273	272	274	274	0
Jefferson Co (KY)	-	+	+	+	271	274	273	272	-1
Dallas	-	+	+	+	+	274	275	271	-4
Albuquerque	-	+	+	+	+	275	274	271	-3
Philadelphia	-	+	+	+	265	265	266	267	1
Atlanta	-	244	245	256	259	266	267	266	-1
Los Angeles	-	245	250	257	258	261	264	263	-1
Dist. of Columbia	-	243	245	248	251	255	260	258	-2
Fresno	-	+	+	+	258	256	260	257	-3
Baltimore City	-	+	+	+	257	261	260	255	-5
Cleveland	-	253	249	257	256	256	253	254	1
Detroit	-	+	+	+	238	246	240	244	4
Milwaukee	-	+	+	+	251	254	257	+	n/a

*+Did not participate*

*"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.*

*SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.*

**NAEP Eighth Grade Mathematics Scores, Percent ≥ Basic, and ≥ Proficient:  
2003, 2005, 2007, 2009, 2011, 2013, and 2015**

*Ranked by 2015 Basic scores*

**Table 11:** NAEP Eighth-Grade Math Assessment Results by Percentage of Students at or Above Basic and Proficient Levels: 2003, 2005, 2007, 2009, 2011, 2013, and 2015

Jurisdiction	Percent Tested ≥ Basic							Percent Tested ≥ Proficient						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Texas	69	72	78	78	81	80	75	25	31	35	36	40	38	32
Charlotte	67	69	70	72	72	75	71	32	33	34	33	37	40	39
Austin	+	68	72	75	74	73	71	+	33	34	39	38	35	35
Nation (Public)	67	68	70	71	72	73	70	27	28	31	33	34	34	32
San Diego	53	61	62	68	66	65	70	18	22	24	32	31	31	32
Boston	48	58	65	67	69	70	67	17	23	27	31	34	35	34
Hillsborough Co (FL)	+	+	+	+	72	73	65	+	+	+	+	32	35	28
<b>Houston</b>	<b>52</b>	<b>58</b>	<b>65</b>	<b>69</b>	<b>72</b>	<b>72</b>	<b>65</b>	<b>12</b>	<b>16</b>	<b>21</b>	<b>24</b>	<b>27</b>	<b>28</b>	<b>27</b>
Miami-Dade	+	+	+	64	61	63	64	+	+	+	22	22	24	26
Duval Co (FL)	+	+	+	+	+	+	64	+	+	+	+	+	+	22
Chicago	42	45	49	51	60	57	63	9	11	13	15	20	20	26
<b>Large City</b>	<b>50</b>	<b>53</b>	<b>57</b>	<b>60</b>	<b>63</b>	<b>65</b>	<b>62</b>	<b>16</b>	<b>19</b>	<b>22</b>	<b>24</b>	<b>26</b>	<b>27</b>	<b>25</b>
New York City	54	54	57	60	59	61	62	20	20	22	26	24	25	27
Albuquerque	+	+	+	+	63	62	61	+	+	+	+	26	26	21
Dallas	+	+	+	+	64	67	60	+	+	+	+	22	23	20
Jefferson Co (KY)	+	+	+	60	62	61	58	+	+	+	22	25	25	26
Philadelphia	+	+	+	52	52	54	53	+	+	+	17	18	19	19
Atlanta	30	31	41	46	54	54	52	6	7	11	11	16	17	21
Los Angeles	32	38	45	46	49	54	51	7	11	14	13	16	18	15
District of Columbia	29	31	34	38	42	47	46	6	7	8	12	15	16	18
Fresno	+	+	+	46	43	48	43	+	+	+	15	13	12	12
Baltimore City	+	+	+	43	48	46	41	+	+	+	10	13	13	12
Cleveland	38	34	45	42	41	39	40	6	6	7	8	10	9	9
Detroit	+	+	+	23	29	24	27	+	+	+	4	4	3	4
Milwaukee	+	+	+	37	41	44	+	+	+	+	7	10	11	+

+Did not participate

"Large City" includes nationally representative public schools located in large central cities (population of 250,000 or more) within metropolitan statistical areas.

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years.

**NAEP Mathematics Sample and Exclusions: 2003, 2005, 2007, 2009, 2011, 2013, and 2015****Table 12:** Percentage of Identified and Excluded Students with Disabilities (SD) and English Language Learners (ELLs) for HISD: 2003, 2005, 2007, 2009, 2011, 2013, and 2015 Mathematics

Group	Grade 4							Grade 8						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
TUDA Sample	1,889	1,700	2,400	2,000	2,700	2,300	1,600	1,660	1,700	2,000	1,900	2,000	2,000	1,600
SD/ELL Identified	45%	46%	45%	43%	44%	46%	48%	26%	24%	22%	22%	23%	25%	27%
SD/ELL Excluded	8%	7%	4%	3%	4%	2%	3%	8%	6%	6%	5%	6%	2%	4%
SD Identified	18%	12%	10%	7%	8%	8%	10%	16%	11%	13%	12%	12%	10%	11%
SD Excluded	7%	5%	3%	2%	3%	1%	2%	7%	4%	5%	5%	5%	2%	2%
ELL Identified	35%	37%	38%	38%	38%	40%	41%	16%	15%	12%	12%	14%	17%	18%
ELL Excluded	4%	4%	2%	2%	2%	1%	1%	5%	3%	2%	2%	2%	1%	2%

SOURCE: U.S. Department Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP); various years

**NAEP Mathematics Fourth Grade Characteristics: 2015****Table 13: Selected Characteristics of Public School Students in NAEP Fourth Grade Mathematics, by Jurisdiction: 2015**

<b>Jurisdiction</b>	<b>Students Assessed, N</b>	<b>% White</b>	<b>% Black</b>	<b>% Hispanic</b>	<b>% Asian /Pacific Islander</b>	<b>% Eligible For Lunch Program</b>	<b>% with Disabilities</b>	<b>% English Language Learners</b>
Nation (Public)	134,700	49	15	26	5	55	13	11
Texas	5,900	26	14	53	5	63	12	22
Large City	35,900	19	24	46	8	74	13	20
<b>Houston</b>	<b>1,600</b>	<b>8</b>	<b>24</b>	<b>63</b>	<b>3</b>	<b>80</b>	<b>8</b>	<b>41</b>
Albuquerque	1,100	21	3	67	2	64	16	21
Atlanta	1,100	18	72	8	1	74	9	4
Austin	1,100	27	7	60	4	62	15	37
Baltimore City	1,100	9	80	9	1	81	17	4
Boston	1,100	15	31	45	8	100	19	33
Charlotte	1,100	28	41	23	6	66	9	10
Chicago	1,800	12	40	42	5	85	13	13
Cleveland	1,000	15	64	16	1	100	18	9
Dallas	1,100	7	21	71	2	88	7	50
Detroit	1,000	2	82	15	#	74	11	14
Dist. of Columbia	1,400	16	64	16	2	73	12	7
Duval Co (FL)	1,000	39	40	12	5	52	15	4
Fresno	1,200	10	8	70	10	92	8	27
Hillsborough Co (FL)	1,100	38	20	33	4	60	18	12
Jefferson Co (KY)	1,100	48	35	10	4	71	11	8
Los Angeles	1,500	12	6	74	8	84	11	30
Miami-Dade	1,700	8	19	71	1	72	9	20
Milwaukee	--	--	--	--	--	--	--	--
New York City	1,700	12	25	45	16	85	22	13
Philadelphia	1,000	13	53	21	7	68	13	9
San Diego	1,100	19	10	47	15	69	10	38

# Rounds to zero

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

**NAEP Mathematics Eighth Grade Characteristics: 2015****Table 14:** Selected Characteristics of Public School Students in NAEP Eighth Grade Mathematics, by Jurisdiction: 2015

Jurisdiction	Students Assessed, N	% White	% Black	% Hispanic	% Asian /Pacific Islander	% Eligible For Lunch Program	% with Disabilities	% English Language Learners
Nation	132,500	51	15	25	6	52	12	6
Texas	6,000	31	11	52	4	56	10	10
Large City	34,700	19	26	44	8	71	13	12
<b>Houston</b>	<b>1,600</b>	<b>7</b>	<b>25</b>	<b>62</b>	<b>5</b>	<b>76</b>	<b>9</b>	<b>16</b>
Albuquerque	1,100	23	2	68	3	68	16	15
Atlanta	1,400	11	81	6	1	81	11	2
Austin	1,100	27	8	58	4	56	15	15
Baltimore City	900	7	83	8	1	77	20	4
Boston	1,000	14	35	40	11	100	17	24
Charlotte	1,100	31	40	22	6	61	9	7
Chicago	1,600	9	43	45	3	86	15	9
Cleveland	1,000	13	67	16	1	100	23	7
Dallas	1,100	4	22	72	1	90	8	33
Detroit	1,200	1	82	14	3	72	15	15
Dist. of Columbia	1,000	9	72	15	2	79	19	6
Duval Co (FL)	1,200	38	43	10	6	44	10	3
Fresno	1,100	10	8	67	12	81	9	18
Hillsborough Co (FL)	1,100	34	23	35	4	62	16	9
Jefferson Co (KY)	1,200	49	36	7	4	58	11	5
Los Angeles	1,500	10	8	75	6	84	13	13
Miami-Dade	1,500	9	21	68	1	73	9	12
Milwaukee	--	--	--	--	--	--	--	--
New York City	1,600	15	30	37	17	79	18	9
Philadelphia	900	19	51	19	9	60	16	7
San Diego	900	22	8	44	18	64	10	16

# Rounds to zero

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