2012
Minnesota Assessment Results

Mathematics and Reading

Minnesota Department of Education

"Leading for educational excellence and equity. Every day for every one."

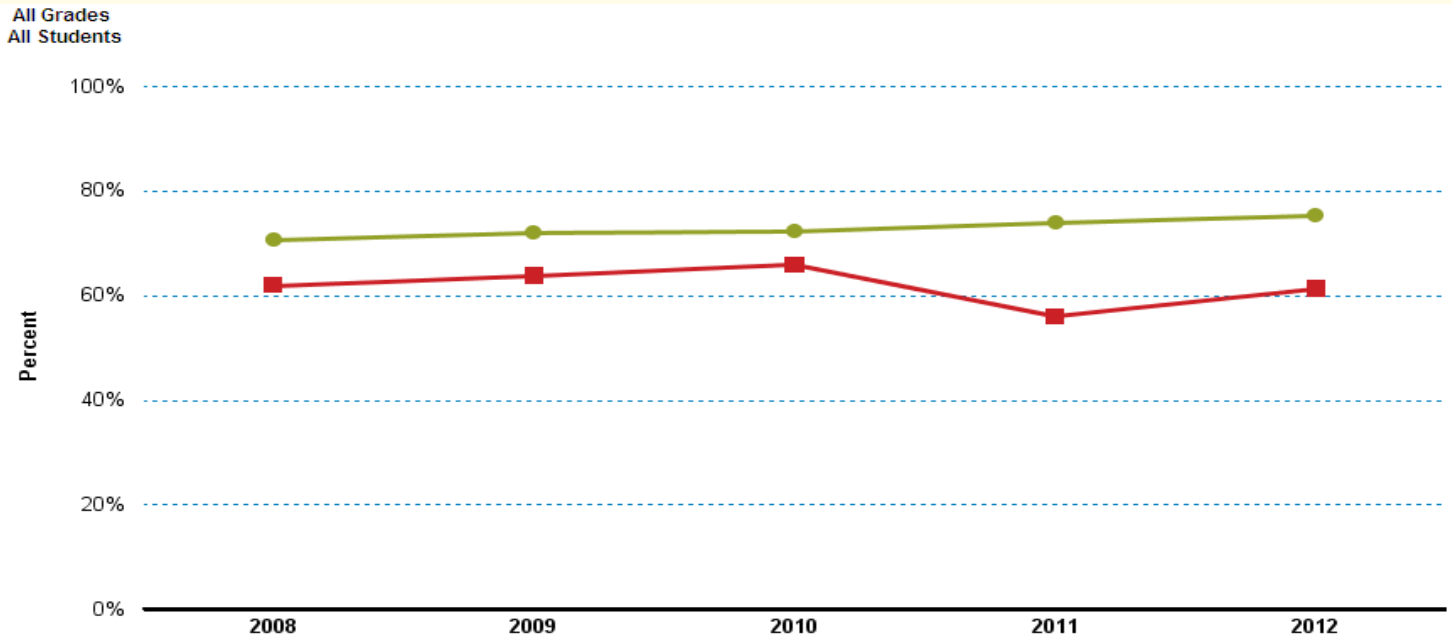
2012 Mathematics and Reading Results

- **What is being released?**
  - **2012 Minnesota Assessment Results include student performance in mathematics and reading from three testing programs:**
    - MCA
    - MCA-Modified
    - MTAS
  - **These tests measure how Minnesota students are doing on academic standards in mathematics and reading.**
  - **The assessments are direct measures of student performance.**

Assessment Results Summary

- **Scores are up for Grades 3 – 8 in mathematics.**
- **Reading saw an overall gain.**
  - Grade 3 reading saw 2 point gain
  - Grades 7 and 8 reading saw the largest gains in reading.
- **Grade 11 mathematics scores declined.**
- **For further data analysis, please visit the MDE Data Center**

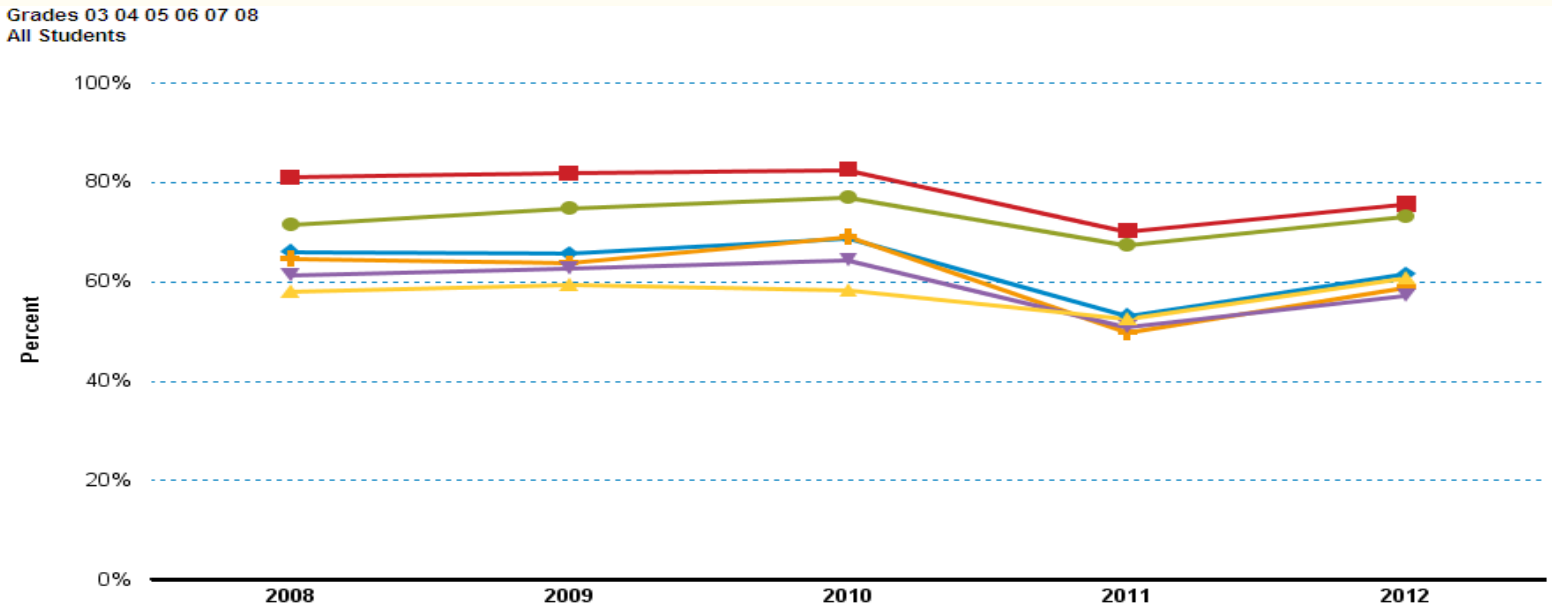
All Grades Math and Reading Tests Percent Proficient



	2008	2009	2010	2011	2012
MATH	62.0%	63.8%	65.9%	56.0%	61.3%
READING	70.7%	72.0%	72.4%	74.0%	75.3%

These scores include all students tested with MCA, MCA-Modified and MTAS assessments in 2011 and 2012.
A new mathematics MCA and MTAS series was introduced in 2011 for grades 3-8 (these scores cannot be compared).
Some students took MTELL from 2008-2010. MCA-Modified was introduced in 2011.

Mathematics Grades 3-8
Percent Proficient



	2008	2009	2010	2011	2012
Grade 03	81.0%	81.8%	82.6%	70.2%	75.6%
Grade 04	71.5%	74.7%	76.9%	67.3%	73.2%
Grade 05	66.1%	65.6%	68.8%	53.2%	61.5%
Grade 06	64.6%	63.7%	69.0%	49.7%	58.8%
Grade 07	61.3%	62.6%	64.3%	50.9%	57.2%
Grade 08	58.1%	59.5%	58.4%	52.6%	60.7%

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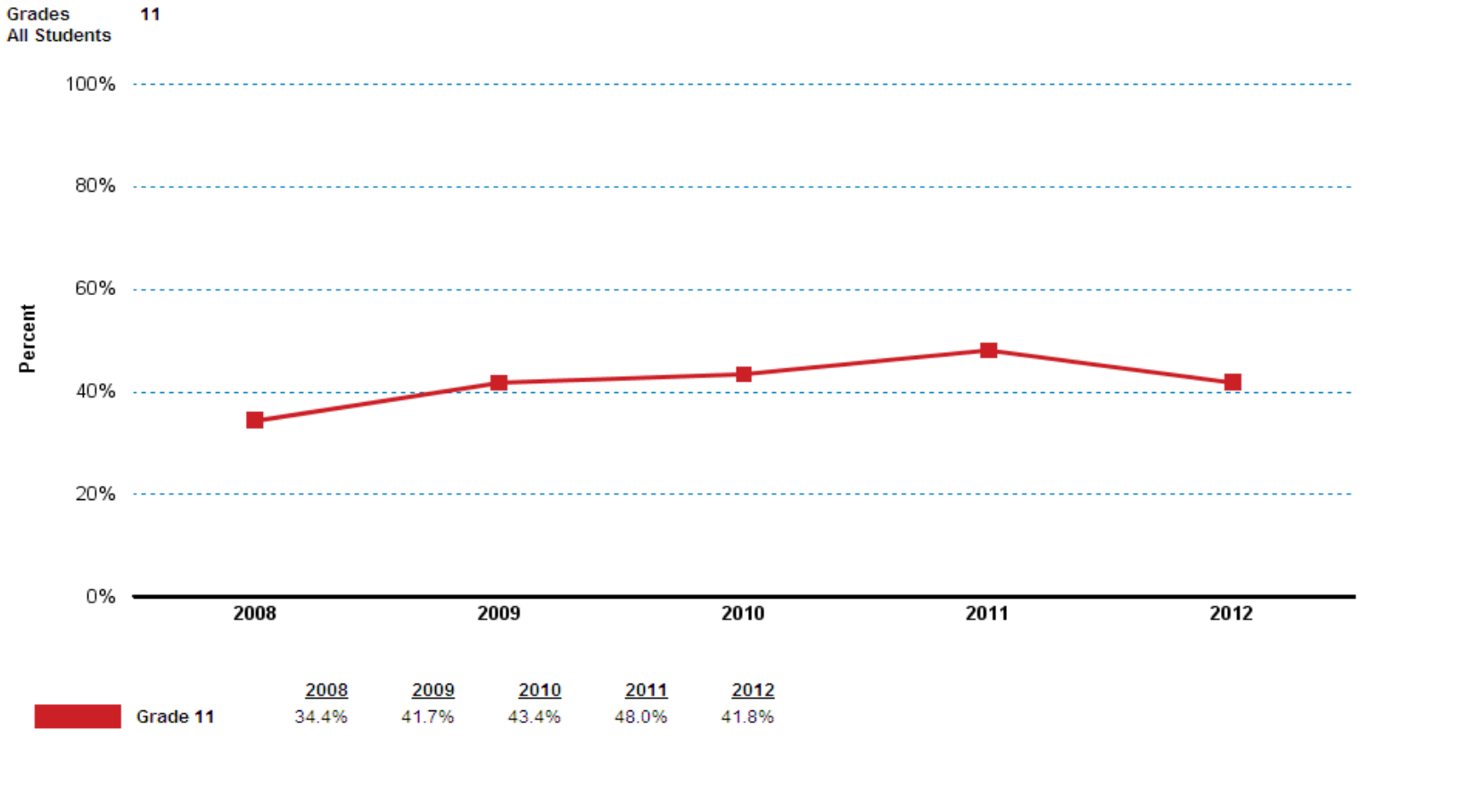
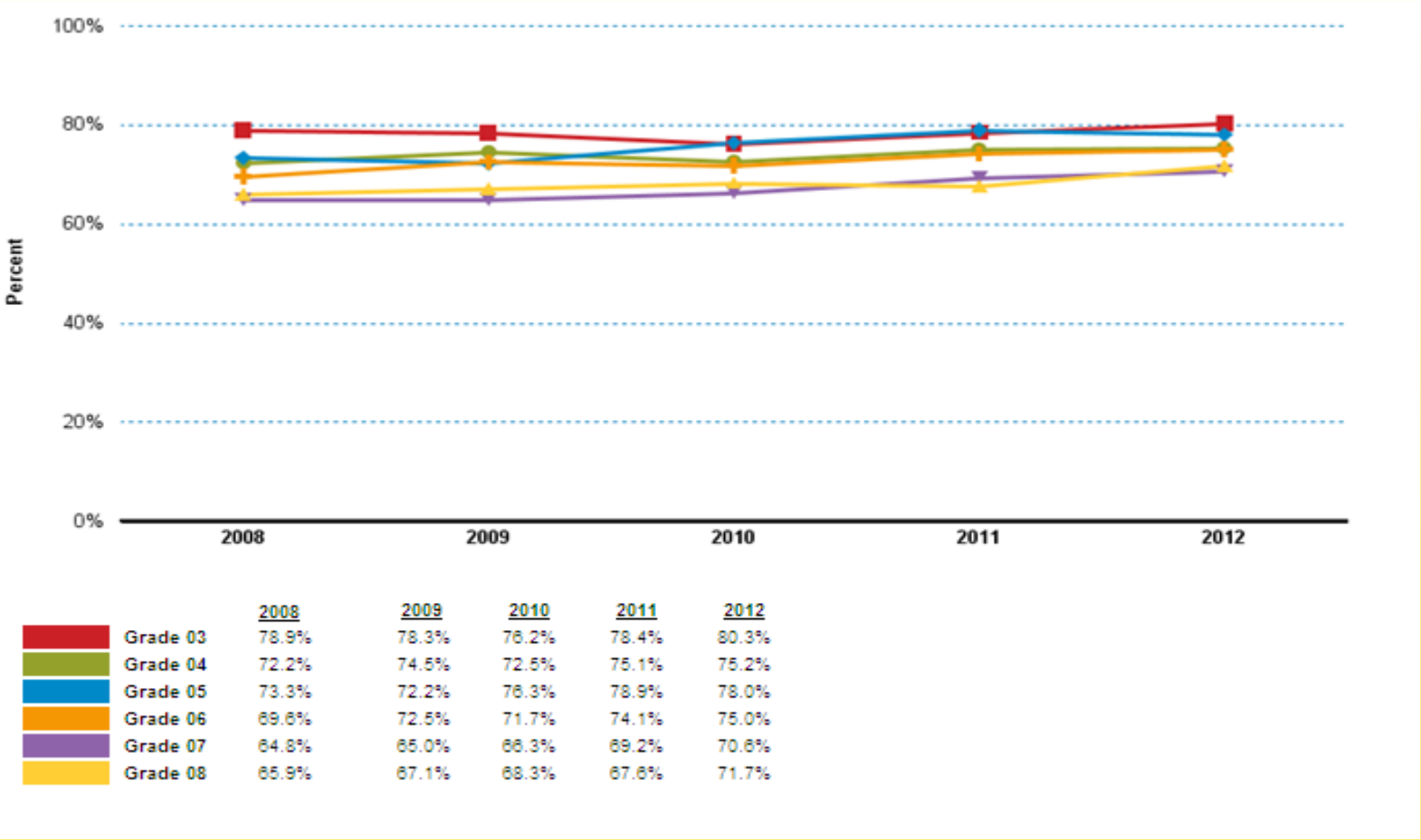
Mathematics Grade 11
Percent Proficient



These scores include all students tested with MCA, MCA-Modified and MTAS assessments in 2011 and 2012.
In 2009 grade 11 tests were associated student graduation stakes.
Some students took MTELL from 2008-2010. MCA-Modified was introduced in 2011.

Reading Grades 3-8
Percent Proficient



These scores include all students tested with MCA, MCA-Modified and MTAS assessments in 2011 and 2012. MCA-Modified was introduced in 2011.

Reading Grade 10
Percent Proficient

These scores include all students tested with MCA, MCA-Modified and MTAS assessments in 2011 and 2012.
In 2008 grade 10 tests were associated student graduation stakes.
MCA-Modified was introduced in 2011.

Why are scores up?

- **In the 2011-12 school year 88% of Minnesota students in grades 3-8 took their mathematics MCA test online.**
  - **Anticipated increase in proficiency was realized as standards were more consistently implemented across the state.**
  - **Teachers report that increasing student comfort with technology translated to positive responses to tests administered online.**
  - **Online assessments use adaptive technology to customize tests based on student's answers.**
  - **The tests provided immediate feedback to teachers so they can make real-time adjustments in their teaching strategies, and provides a better tool to help teachers meet individual student needs more effectively.**
- **Reading scores are up overall.**
  - **Schools continue to make progress in implementing the 2010 reading standards.**
  - **Teachers, principals and districts continue to sharpen their focus on literacy for college and career readiness.**

2012 Accountability Results

- **What about the MMR and AYP?**
  - **This is the first phase of our results reporting. Information about how well individual schools are meeting Minnesota's expectations will be released in late August.**
  - **The second phase of reporting will provide information about:**
    - MMR provides information about how well individual schools are performing
      - AYP results will be used to support the MMR
    - The new emphasis on growth will tell us whether or not students are on track in their academic performance.
      - 2012 growth expectations are being finalized in the coming weeks.

Race Ethnicities

All Grades

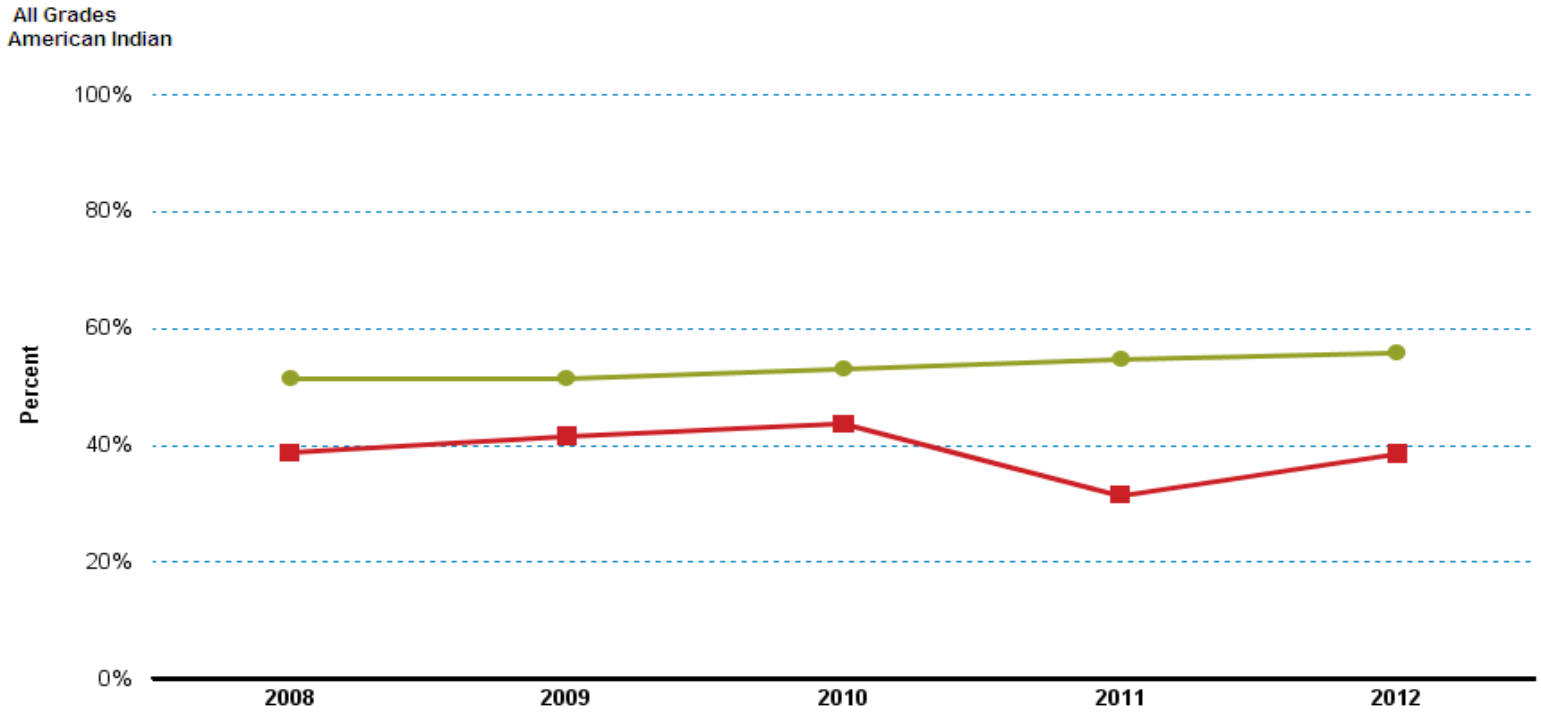
MCA

MCA-Modified

MTAS

Minnesota Department of Education

American Indian



	2008	2009	2010	2011	2012
MATH	38.7%	41.5%	43.6%	31.5%	38.5%
READING	51.5%	51.4%	53.2%	54.6%	55.9%

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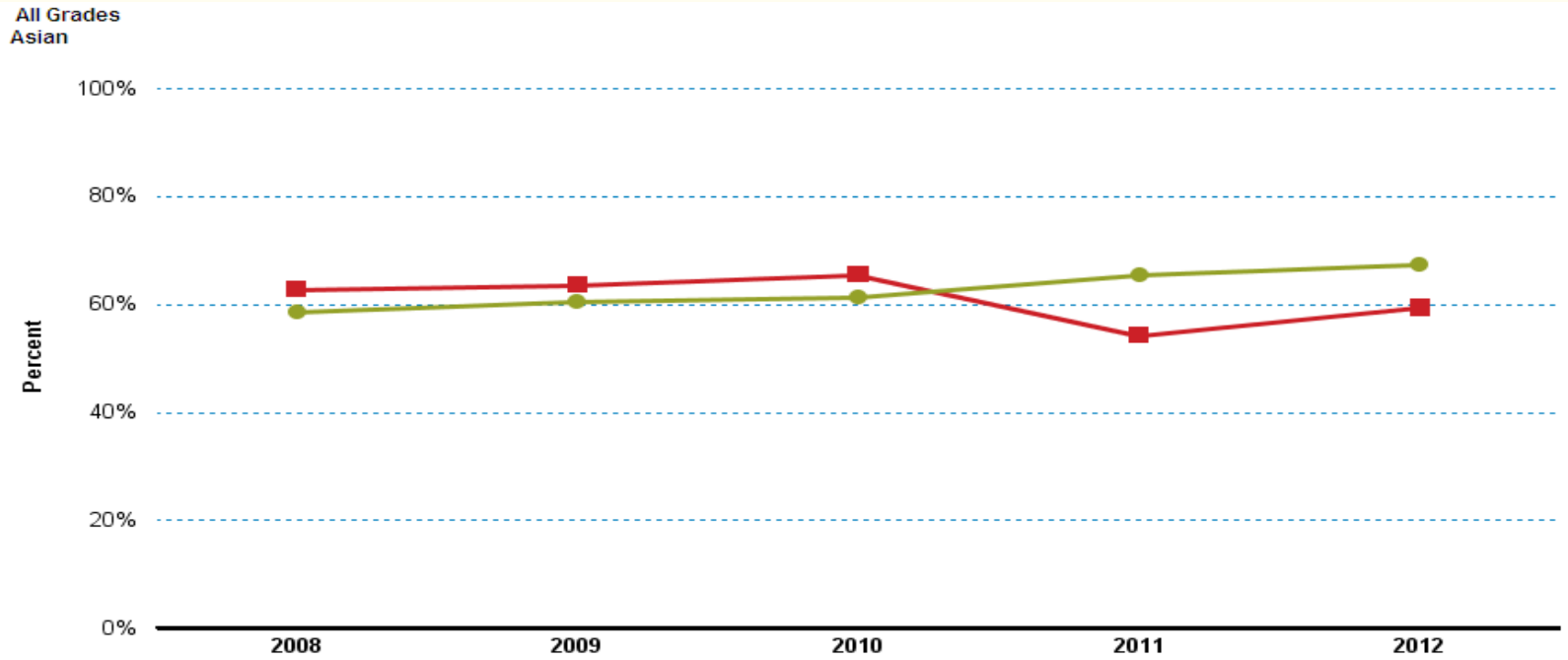
Asian



	2008	2009	2010	2011	2012
MATH	62.8%	63.6%	65.5%	54.3%	59.4%
READING	58.6%	60.4%	61.2%	65.5%	67.3%

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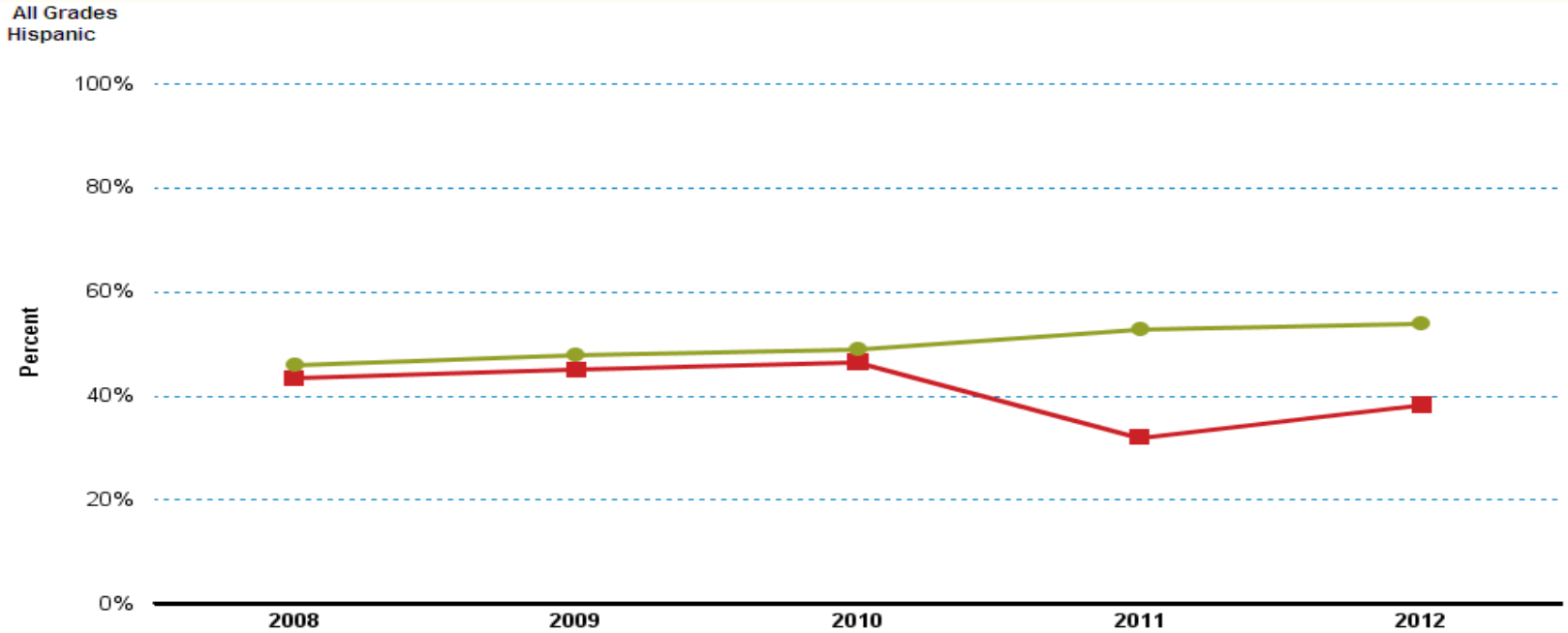
Hispanic



	2008	2009	2010	2011	2012
MATH	43.4%	45.0%	46.5%	32.0%	38.2%
READING	45.9%	47.8%	49.0%	52.9%	53.9%

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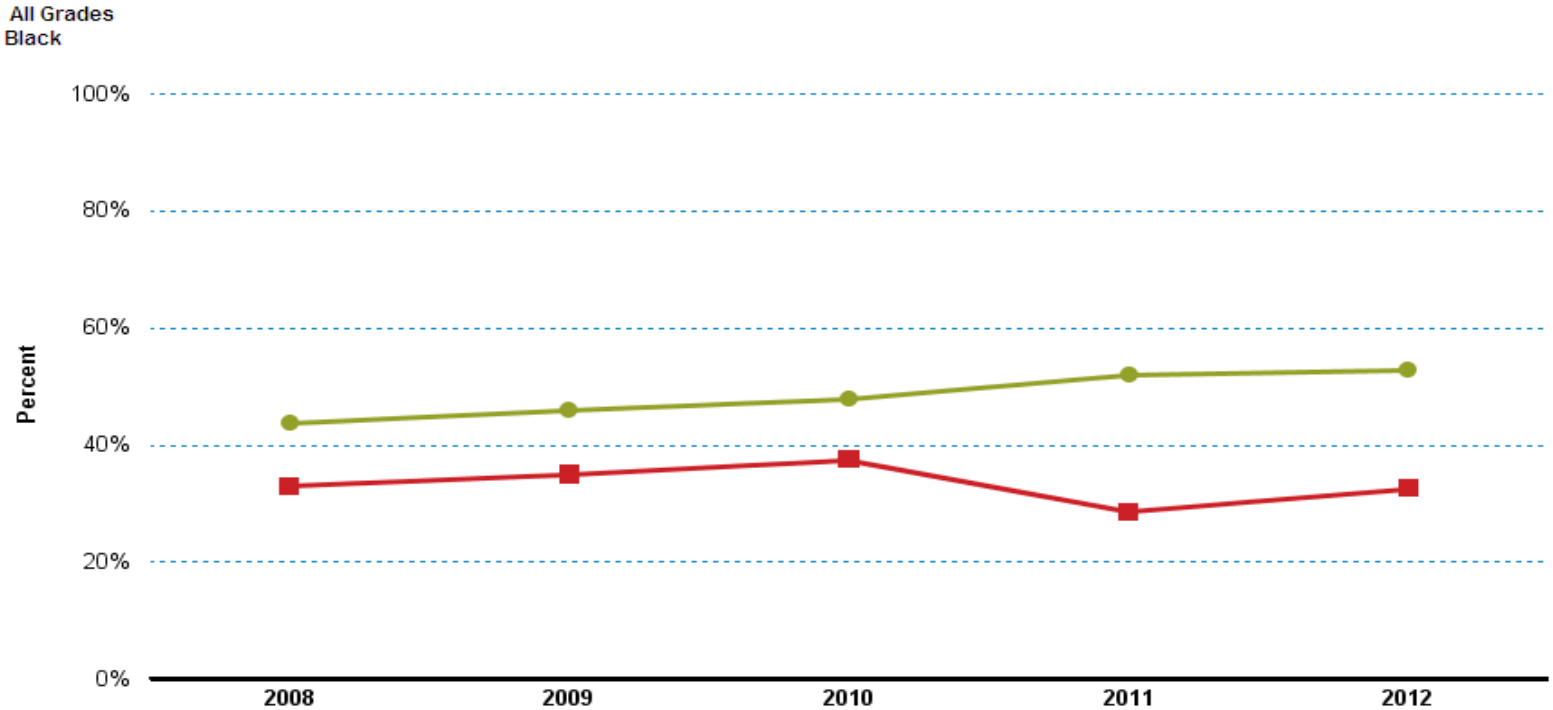
Black



	2008	2009	2010	2011	2012
MATH	32.9%	34.9%	37.5%	28.5%	32.6%
READING	43.6%	45.8%	47.8%	52.1%	52.7%

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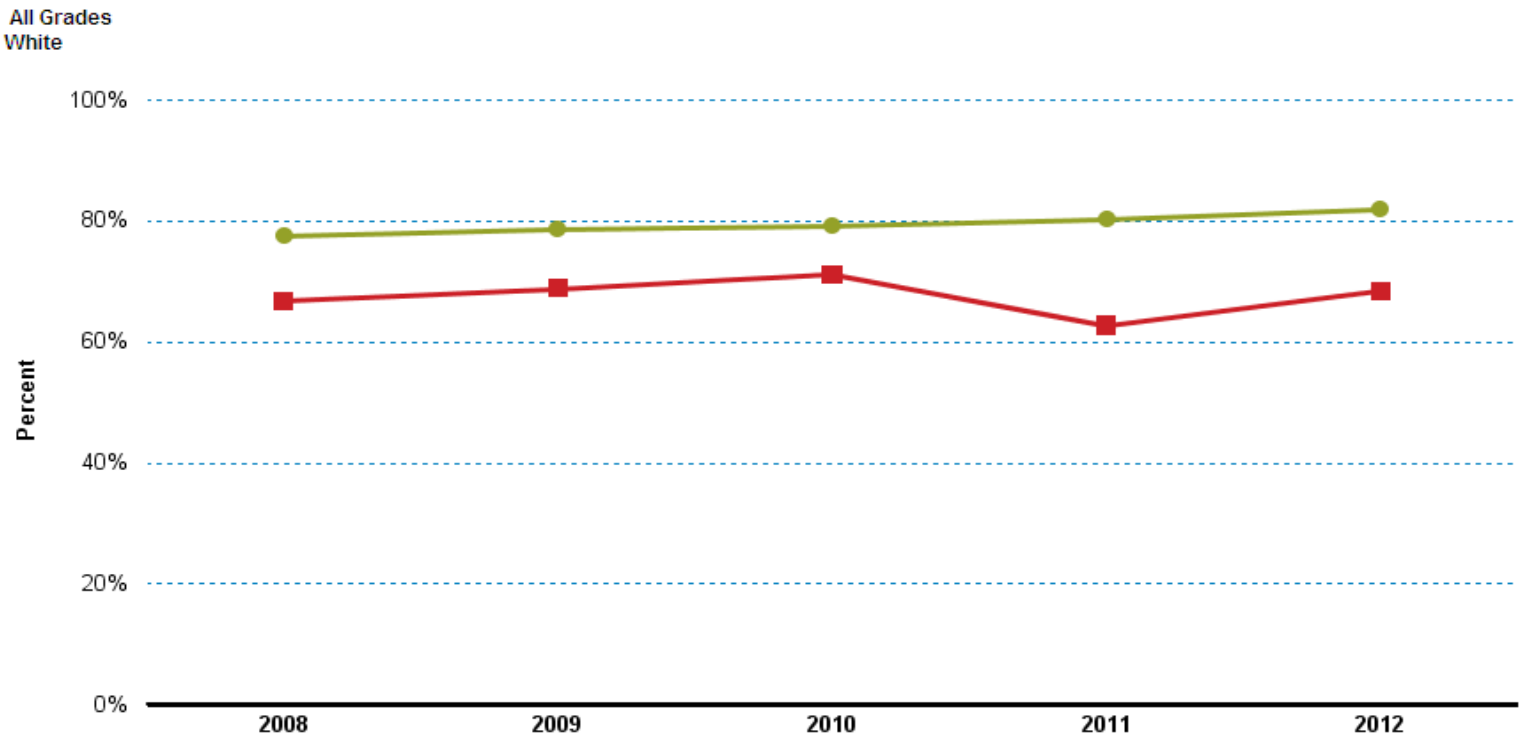
White



	2008	2009	2010	2011	2012
MATH	66.7%	68.8%	71.1%	62.7%	68.4%
READING	77.4%	78.7%	79.1%	80.3%	81.9%

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Special Populations

All Grades

MCA

MCA-Modified

MTAS

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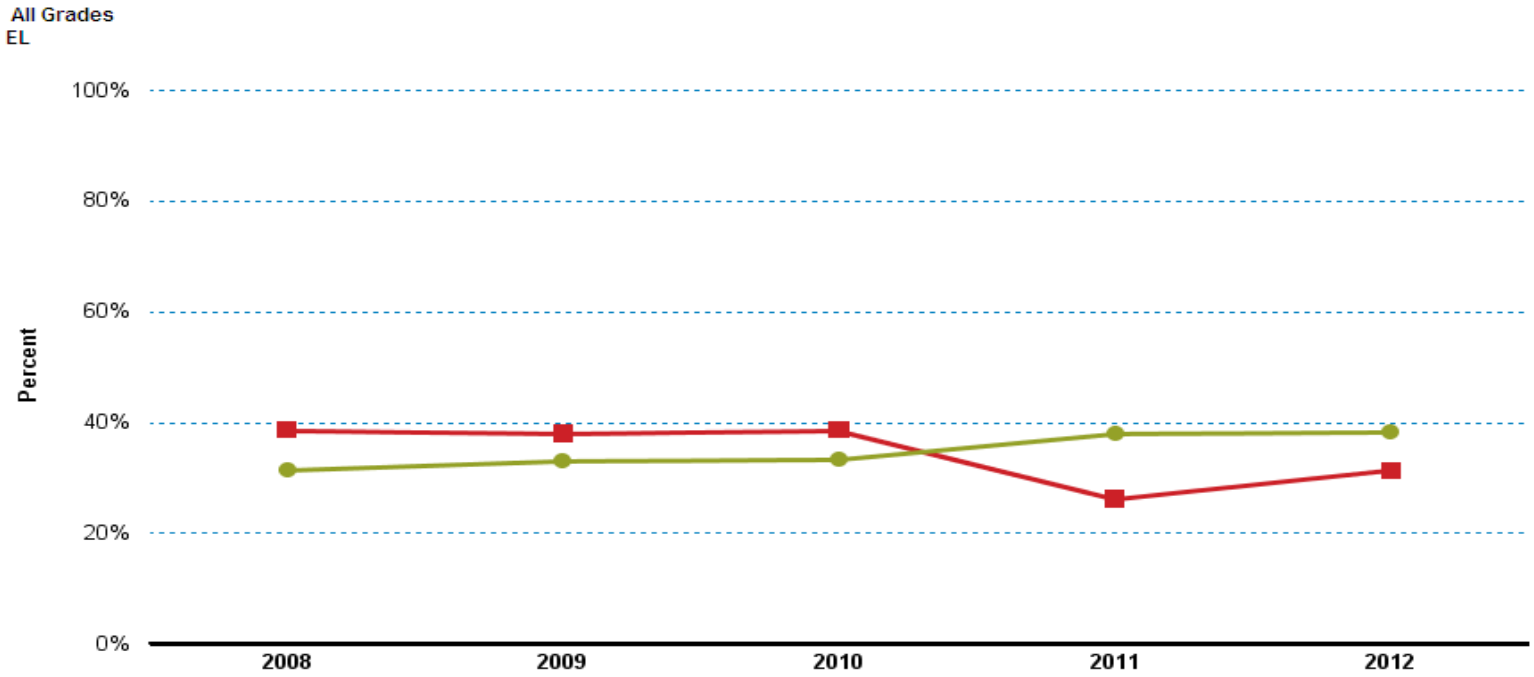
English Learners



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READING	31.5%	32.9%	33.3%	38.0%	38.3%

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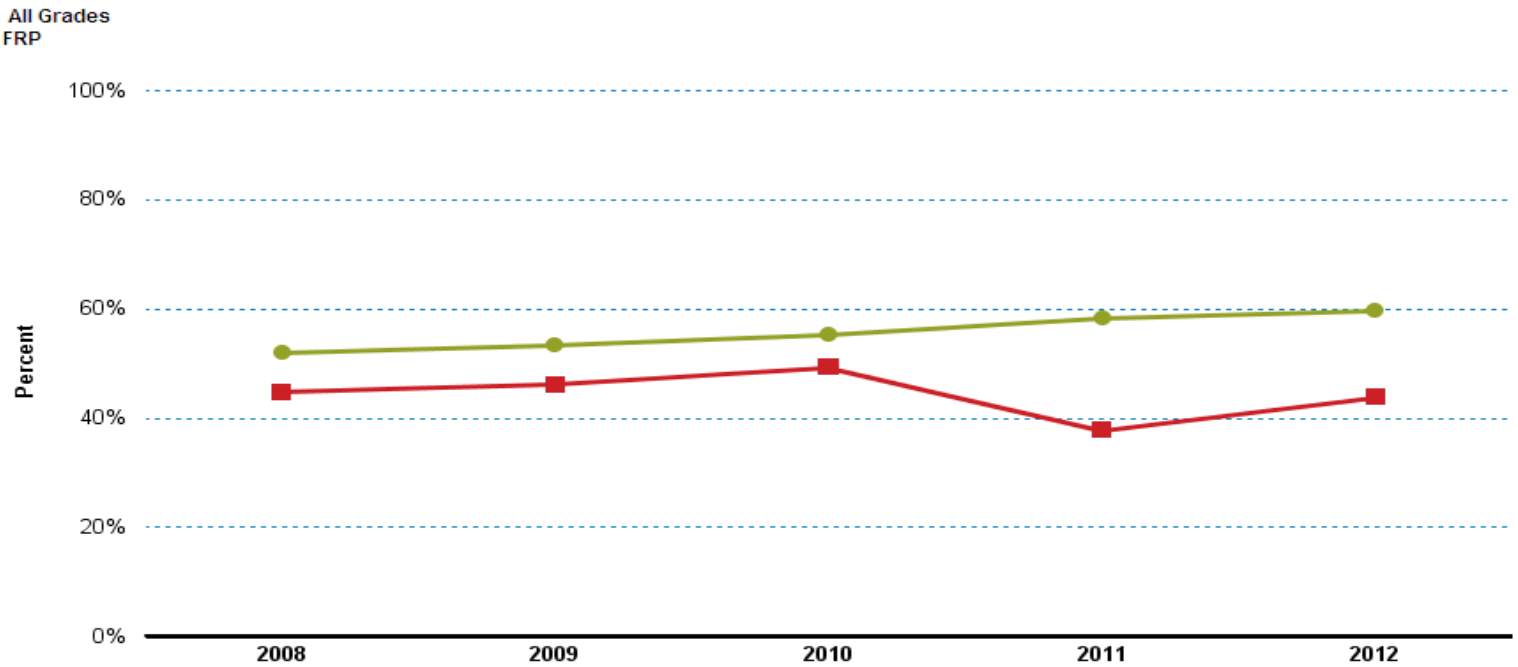
Free and Reduced Price Lunch



	2008	2009	2010	2011	2012
MATH	44.7%	46.1%	49.3%	37.8%	43.8%
READING	52.0%	53.3%	55.3%	58.3%	59.6%

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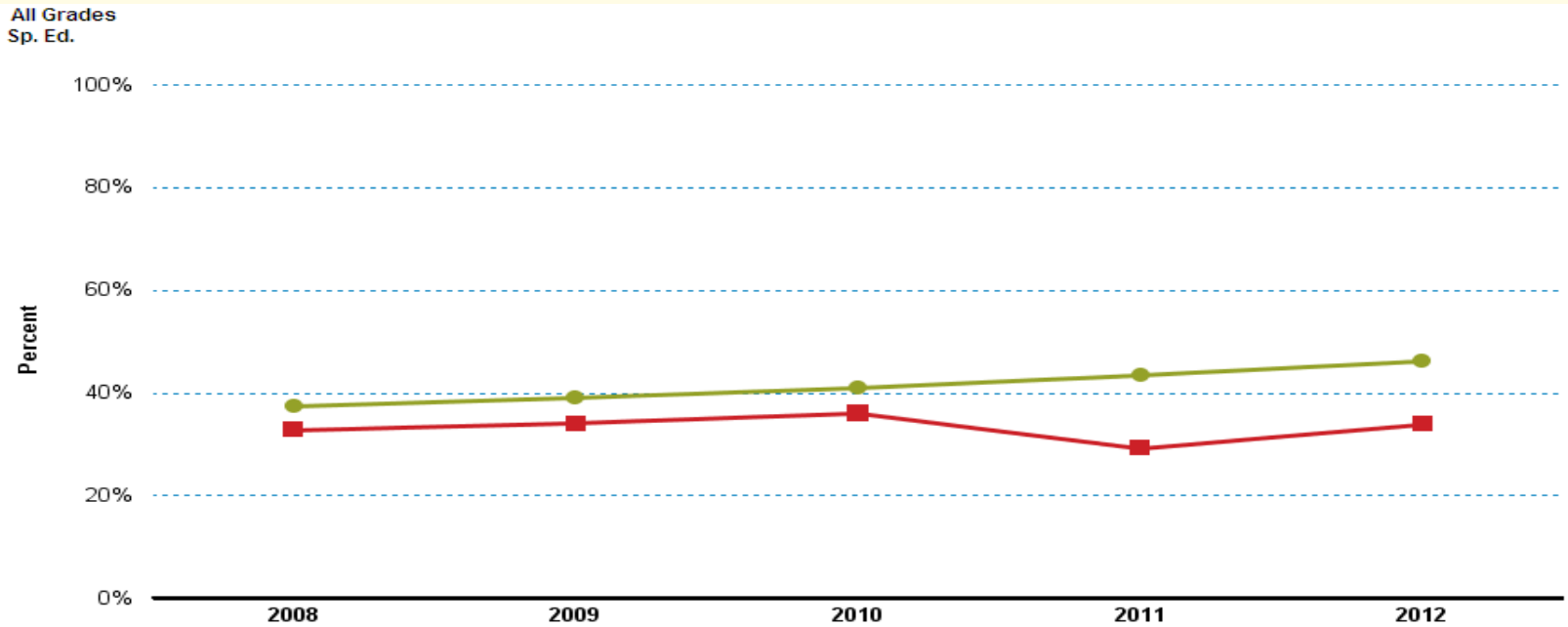
Special Education



	2008	2009	2010	2011	2012
MATH	32.8%	34.0%	36.0%	29.3%	33.9%
READING	37.4%	39.2%	40.9%	43.5%	46.1%

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