

ISAT Cohort Study 2011

Millburn CCSD 24
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Goals

- Explain the ISAT Exceeds standard as it pertains to subject and grade
- Present 2008-2011 ISAT Meets/Exceeds district scores for each grade level
- Explain the concept of grade-level cohorts
- Present Millburn District's performance by grade-level cohorts
- Analyze the data using ISAT cohort data

How Does One Define Exceed?

- Typically, the “Exceeds” percentile in a norm referenced test like CAT or SAT or ACT is 90th percentile and above.
- 90th to 94th percentile is considered “Low Exceeds.”
- 95th percentile and above is considered “Exceeds” to “High Exceeds”

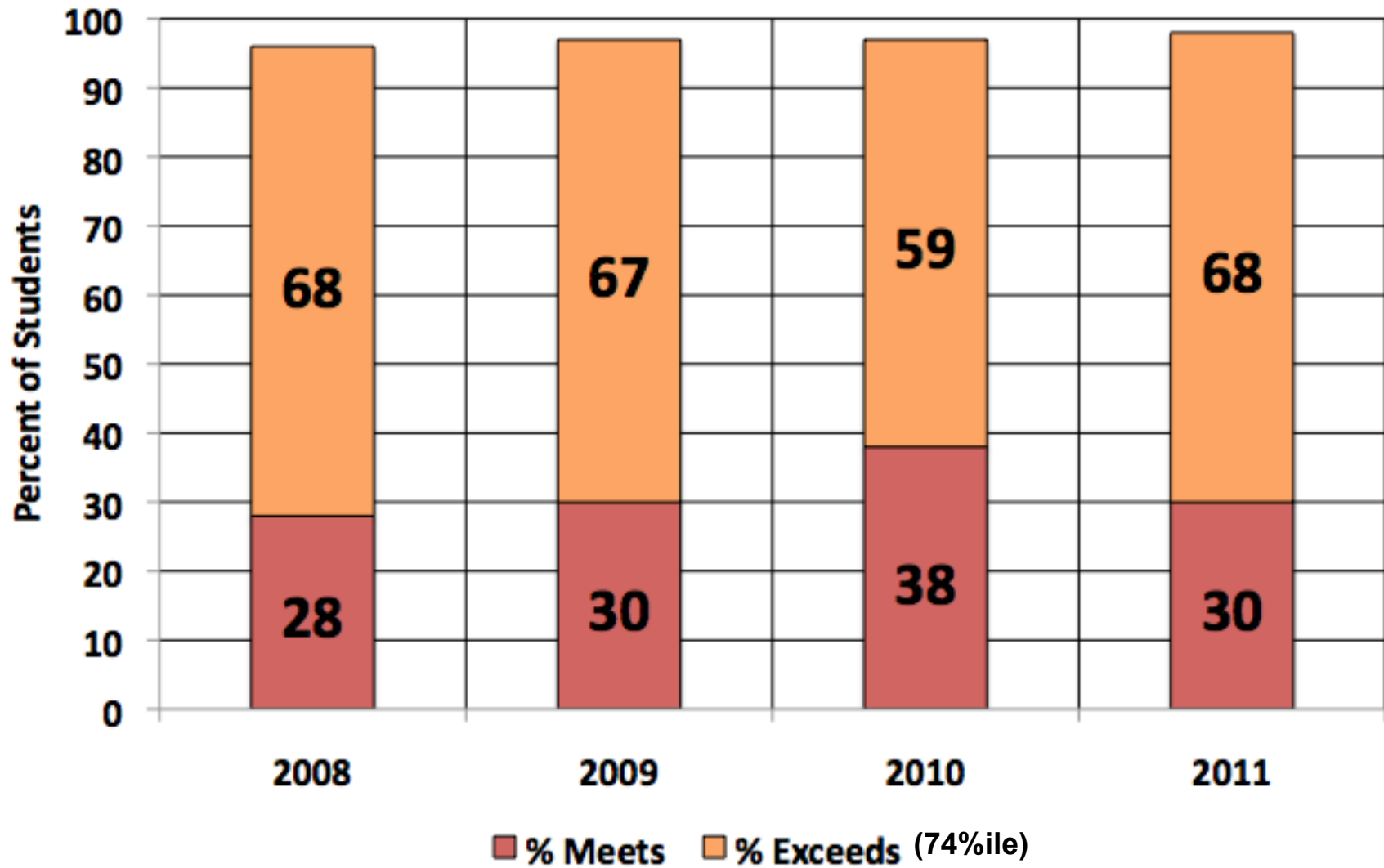
How Does Illinois Define Exceed in Connection to ISAT?

Definition depends on two variables

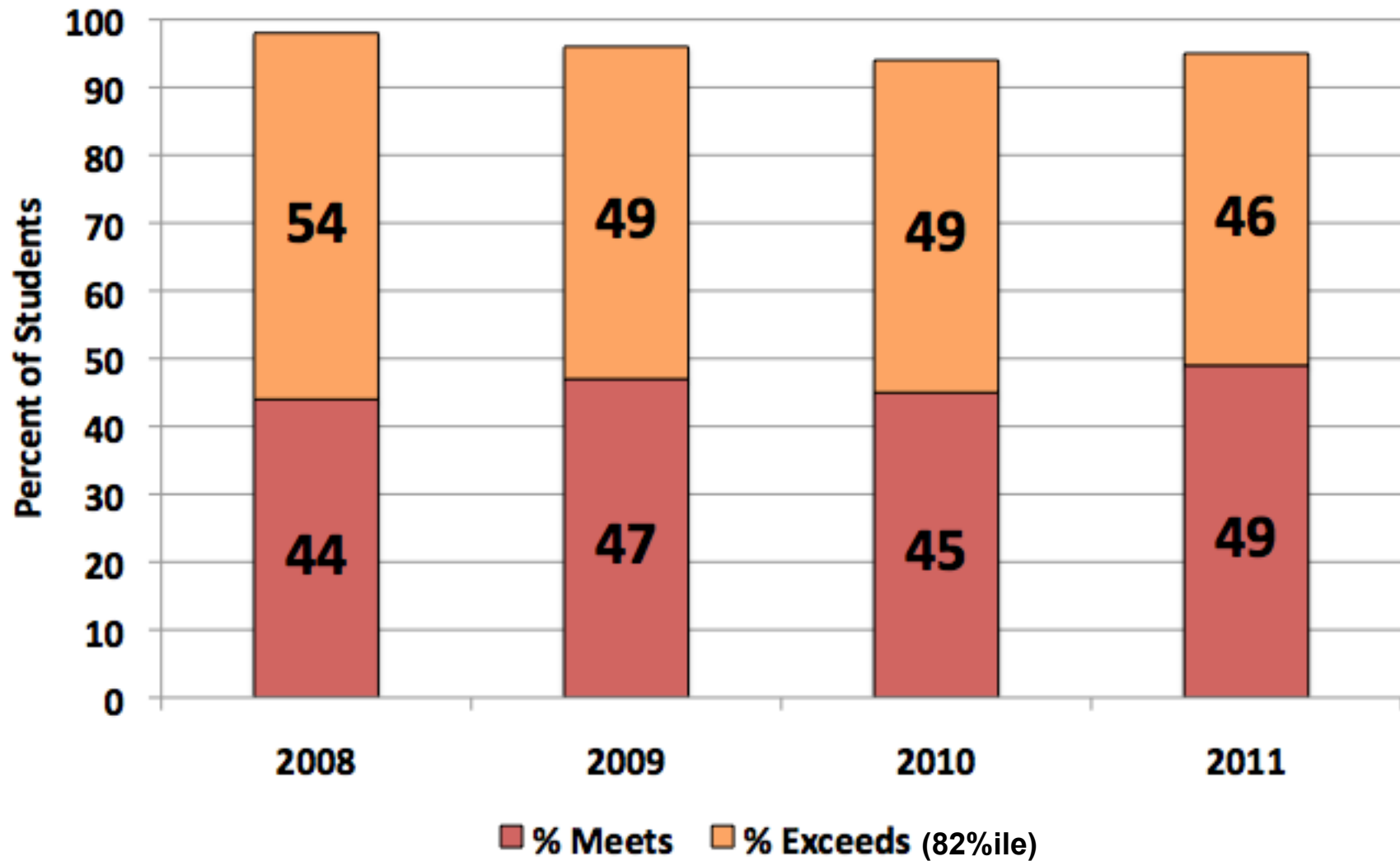
- Subject
- Grade

Grade Level	ISAT Mathematics Exceeds Percentile
2nd Grade	N/A
3rd Grade	74th
4th Grade	82nd
5th Grade	89th
6th Grade	85th
7th Grade	76th
8th Grade	70th

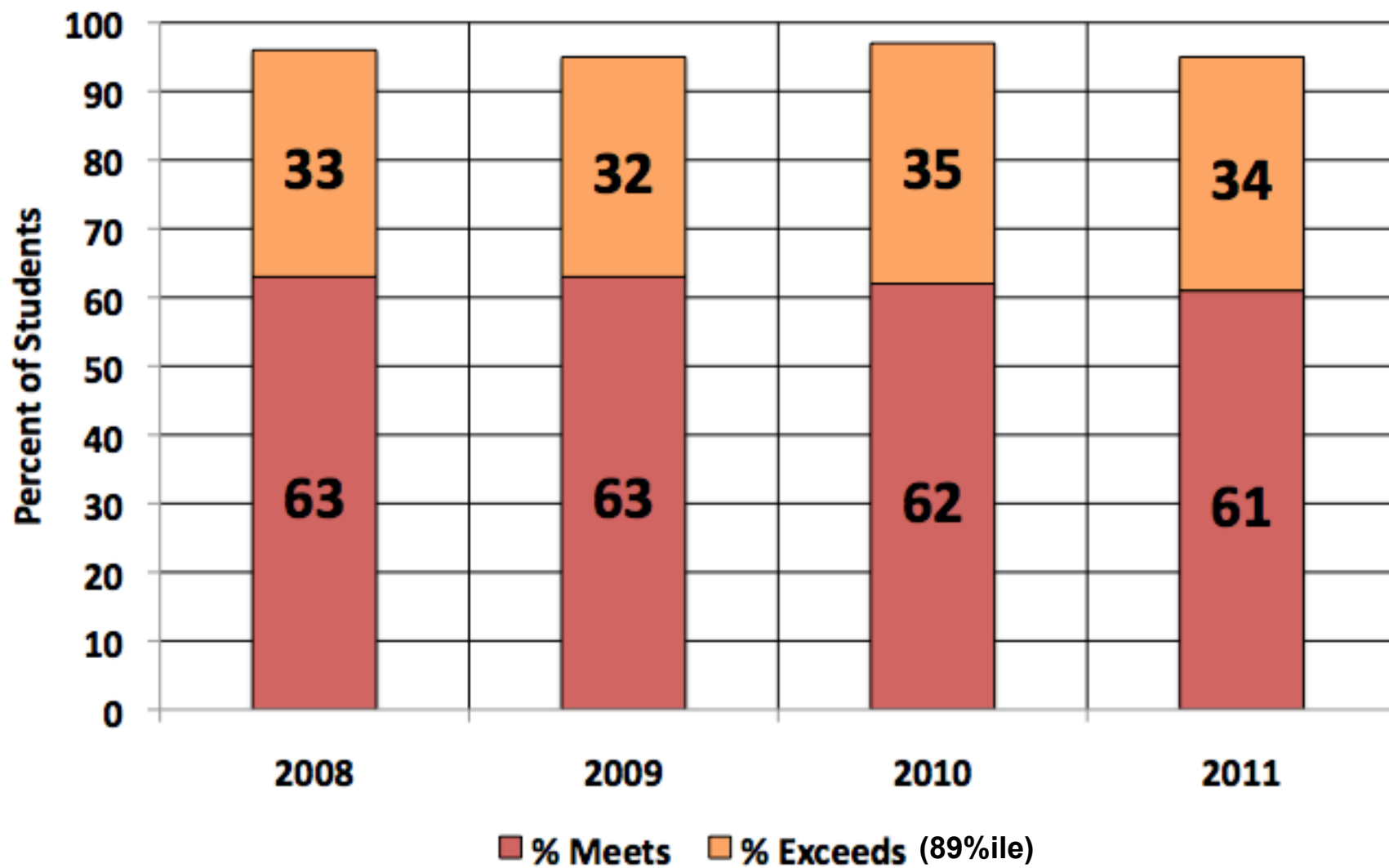
ISAT - 3rd Grade District Math Meets/Exceeds



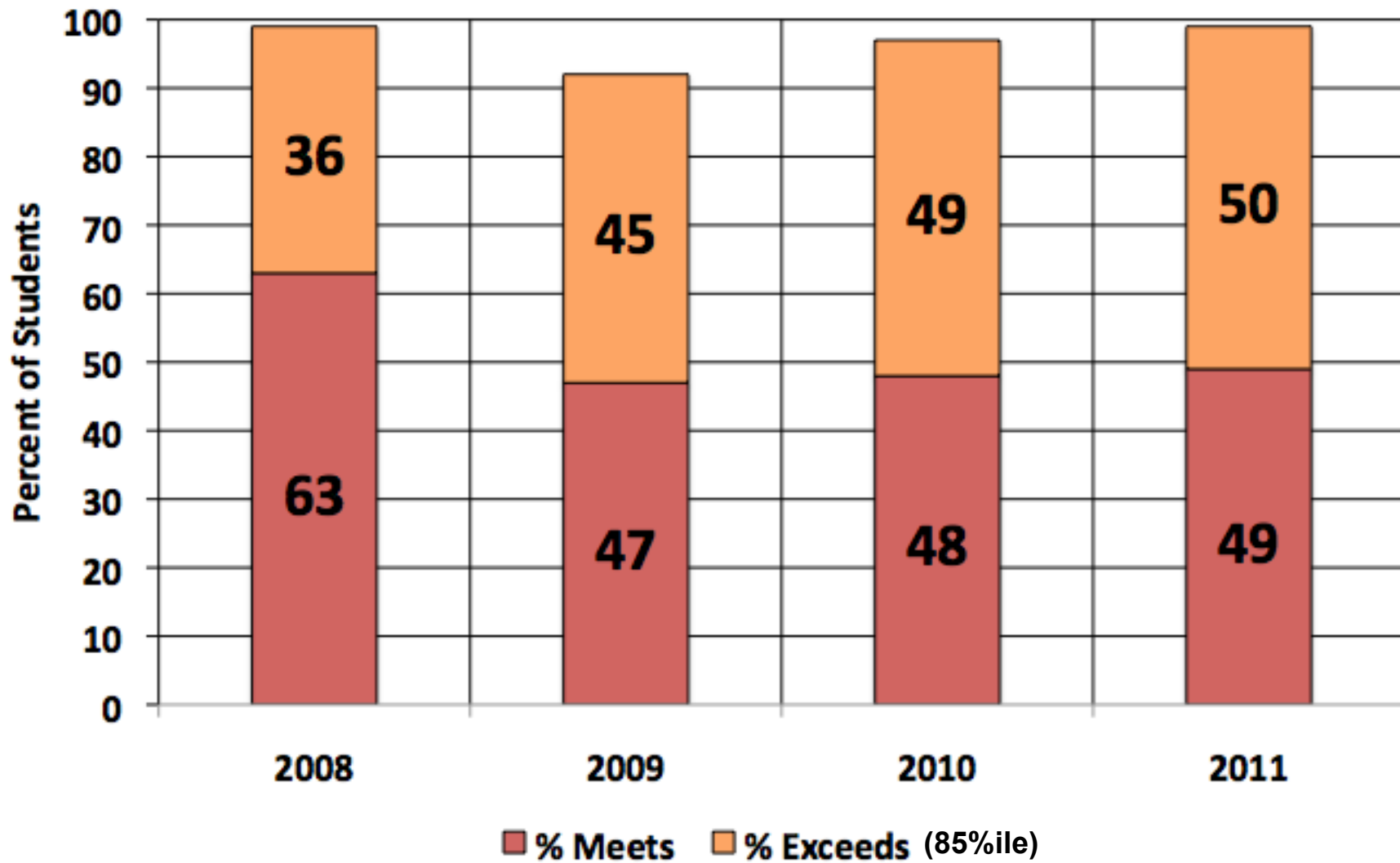
ISAT - 4th Grade District Math Meets/Exceeds



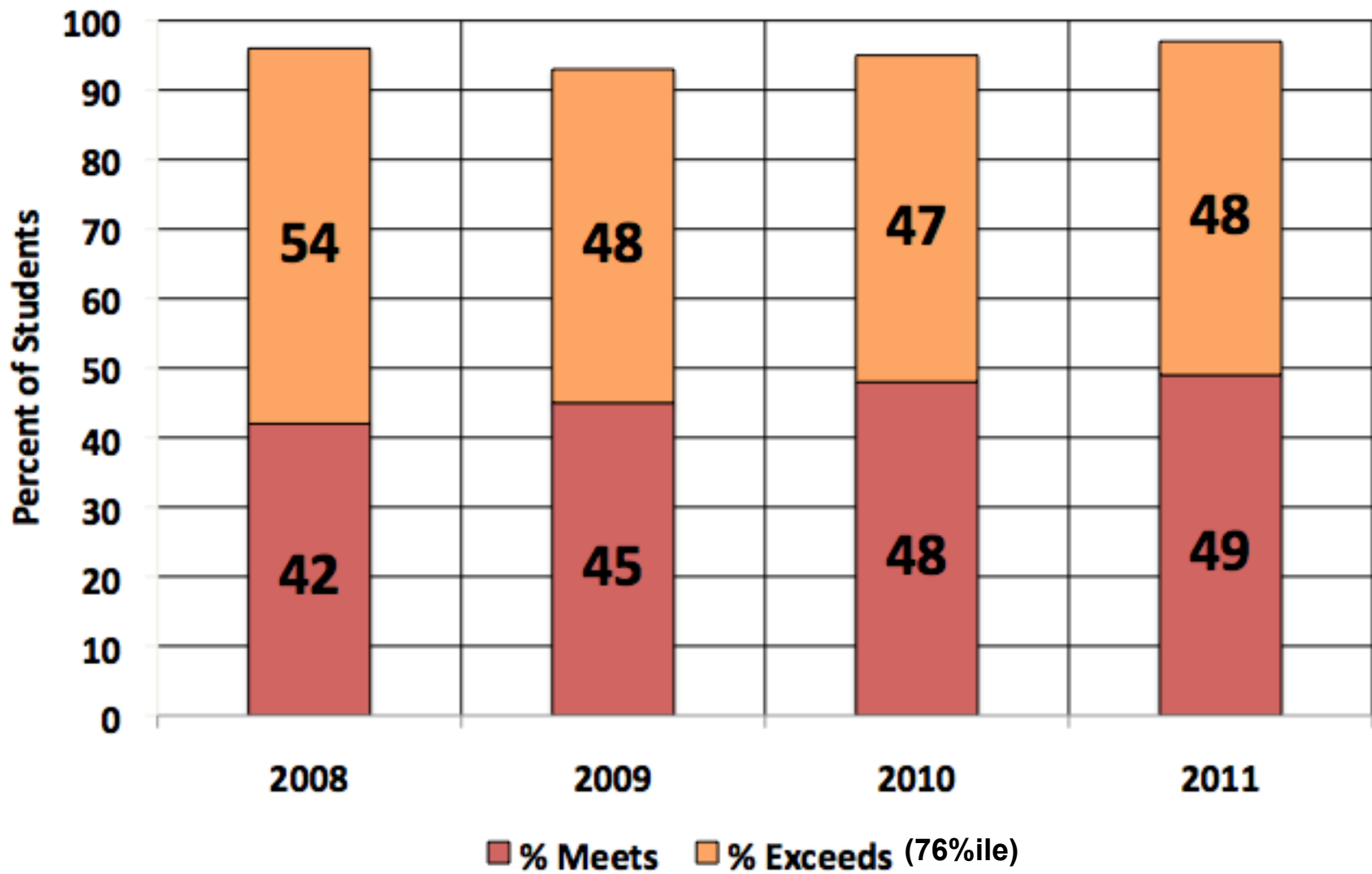
ISAT - 5th Grade District Math Meets/Exceeds



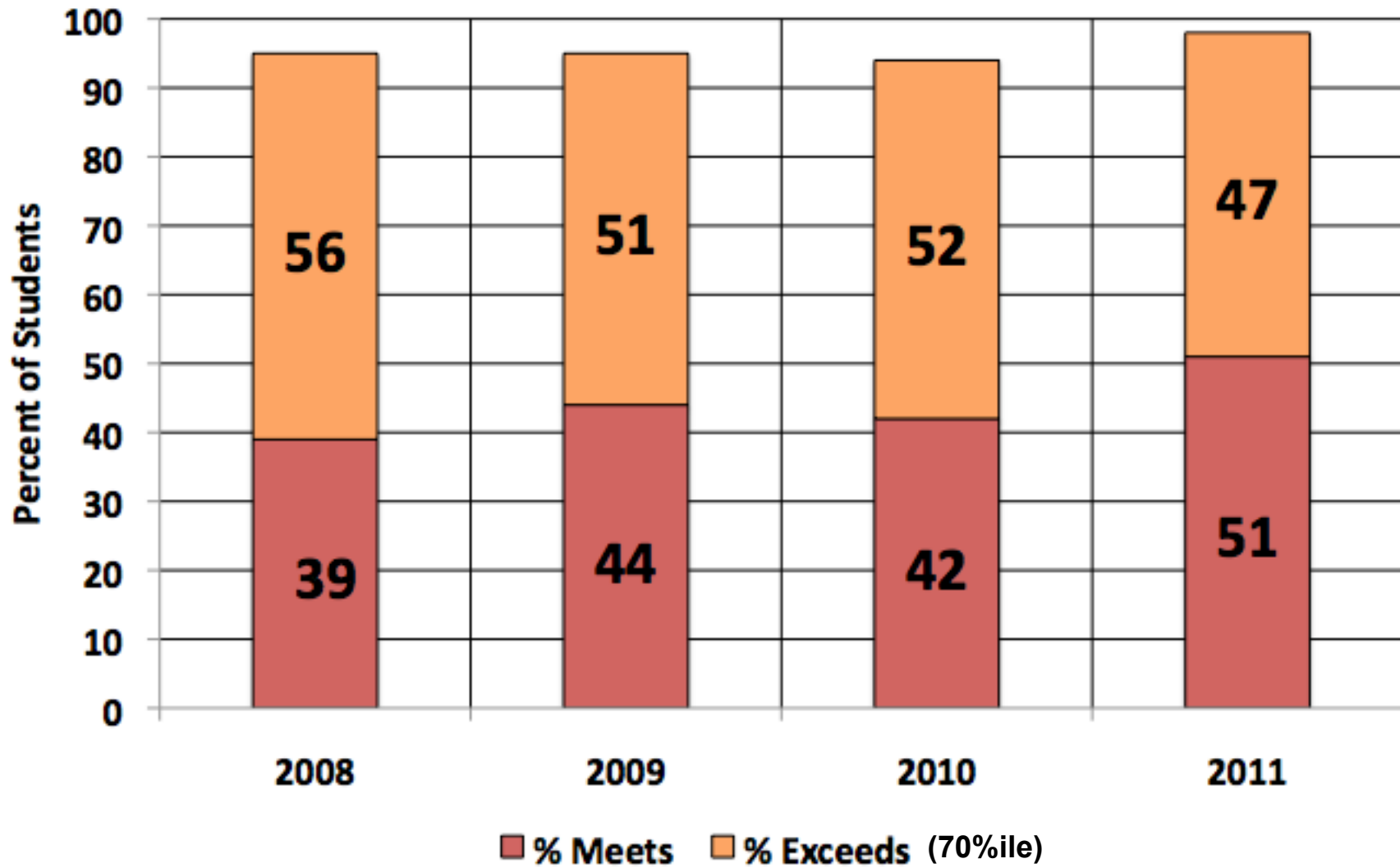
ISAT - 6th Grade District Math Meets/Exceeds



ISAT - 7th Grade District Math Meets/Exceeds

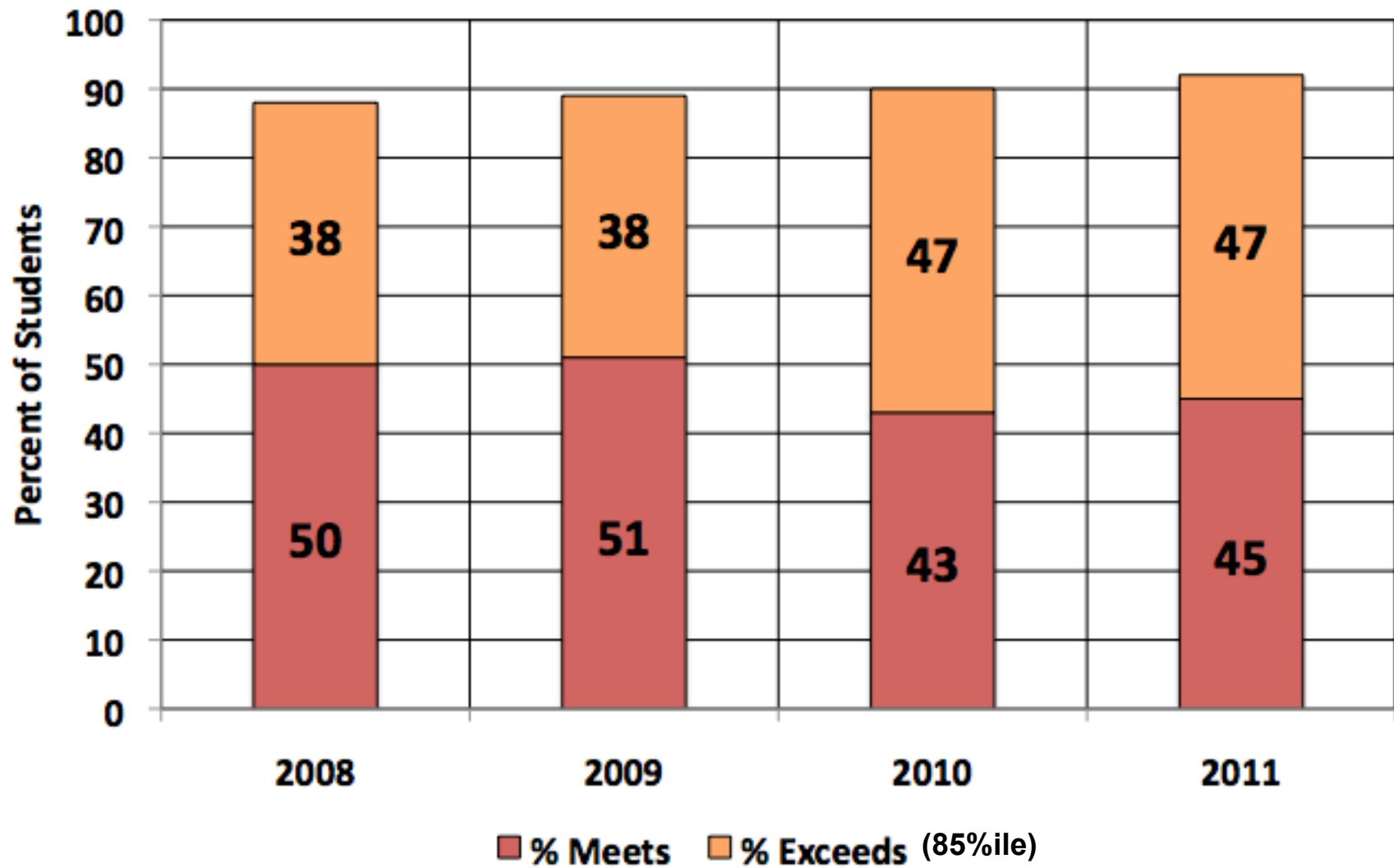


ISAT - 8th Grade District Math Meets/Exceeds

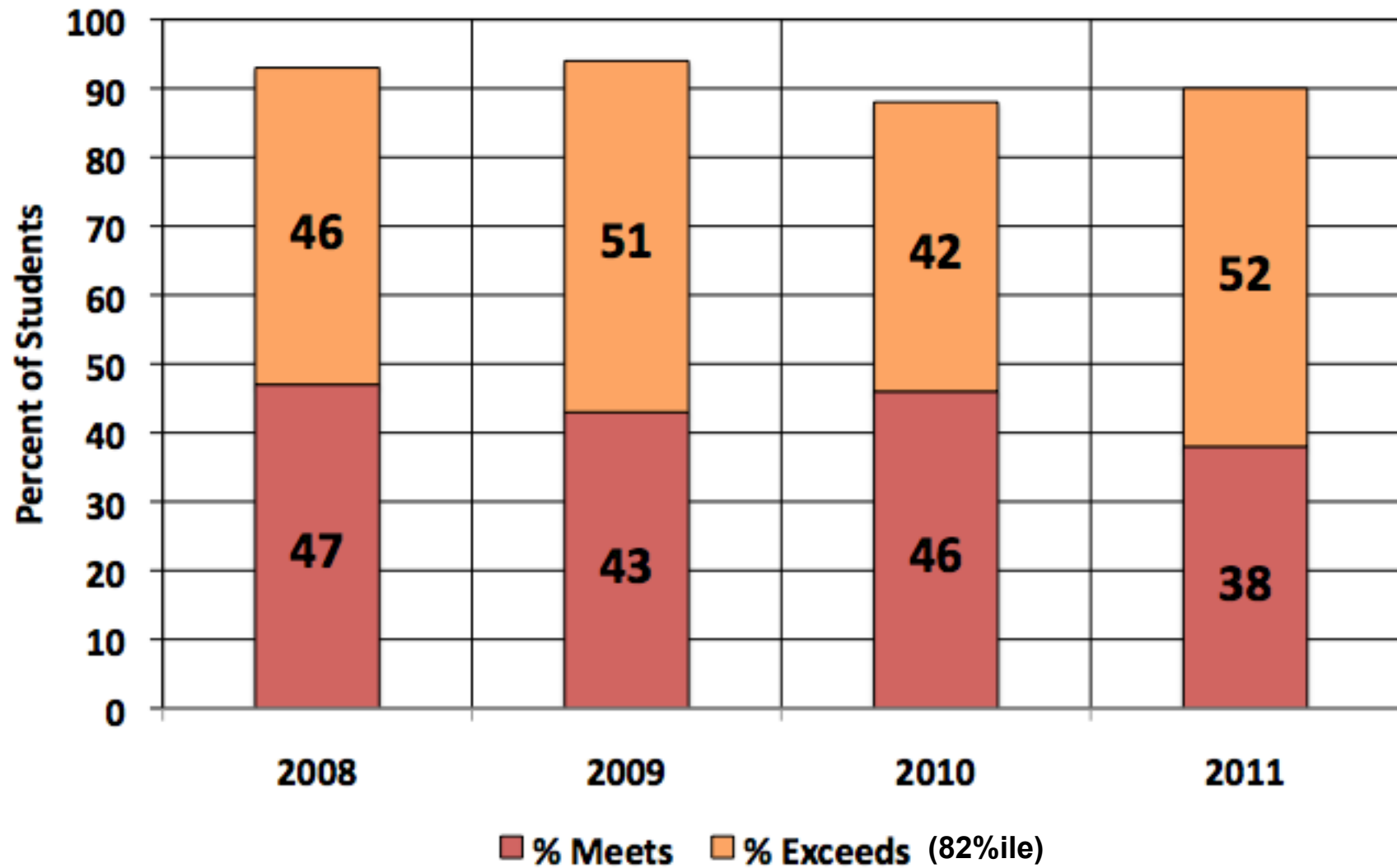


Grade Level	ISAT Reading Exceeds Percentile
2nd Grade	N/A
3rd Grade	85th
4th Grade	82nd
5th Grade	82nd
6th Grade	79th
7th Grade	88th
8th Grade	91st

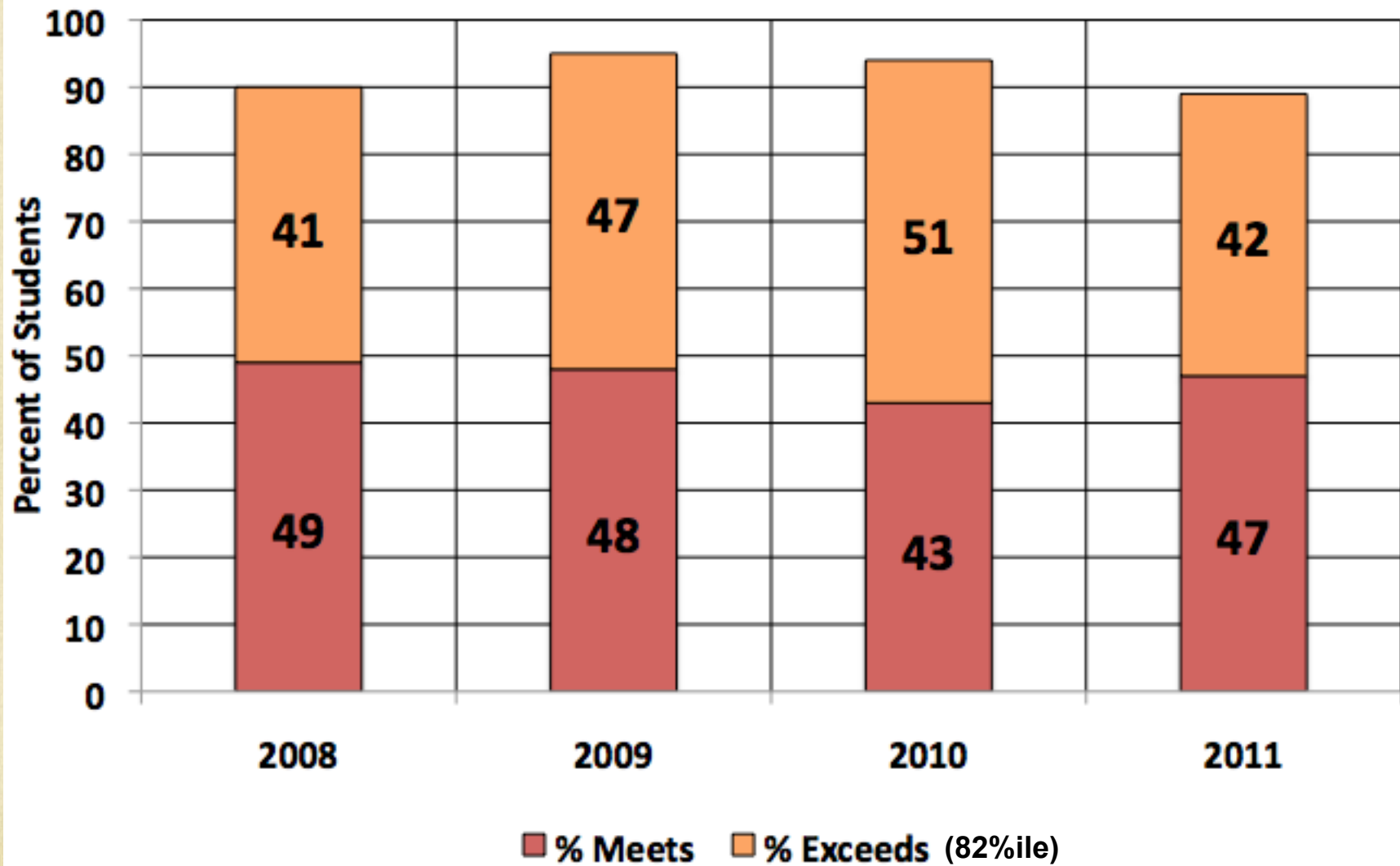
ISAT - 3rd Grade Reading Meets/Exceeds District



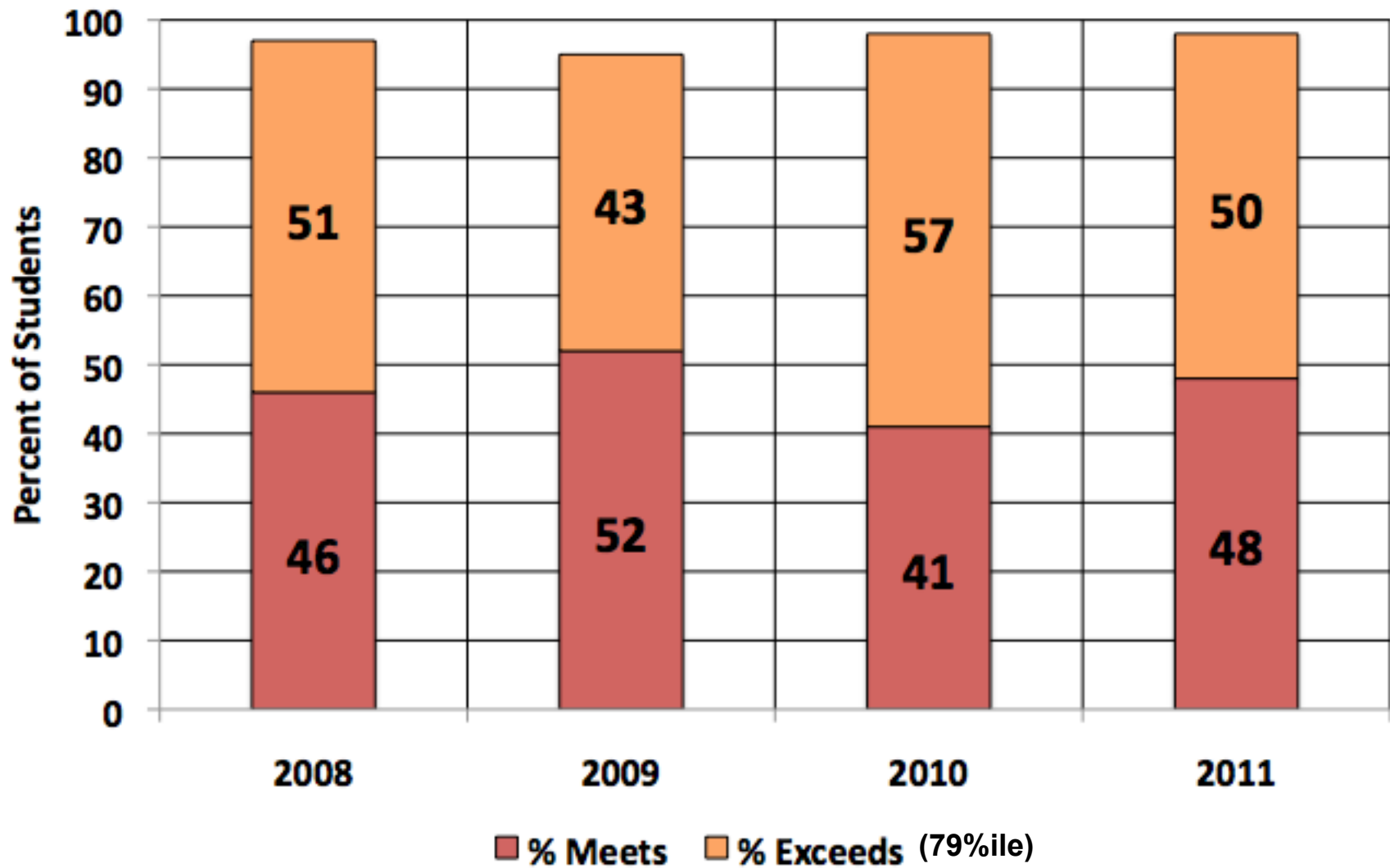
ISAT - 4th Grade Reading Meets/Exceeds District



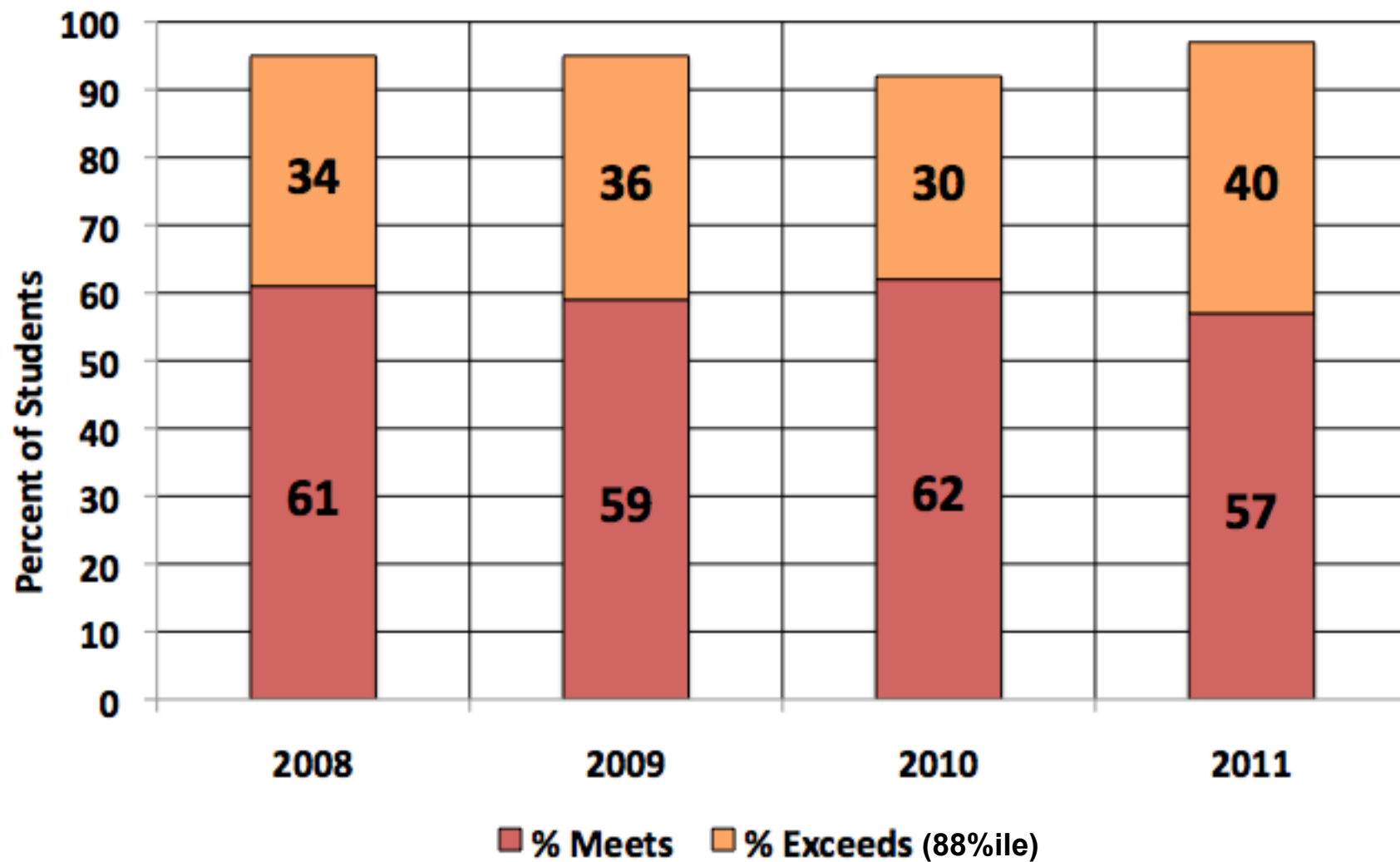
ISAT - 5th Grade Reading Meets/Exceeds District



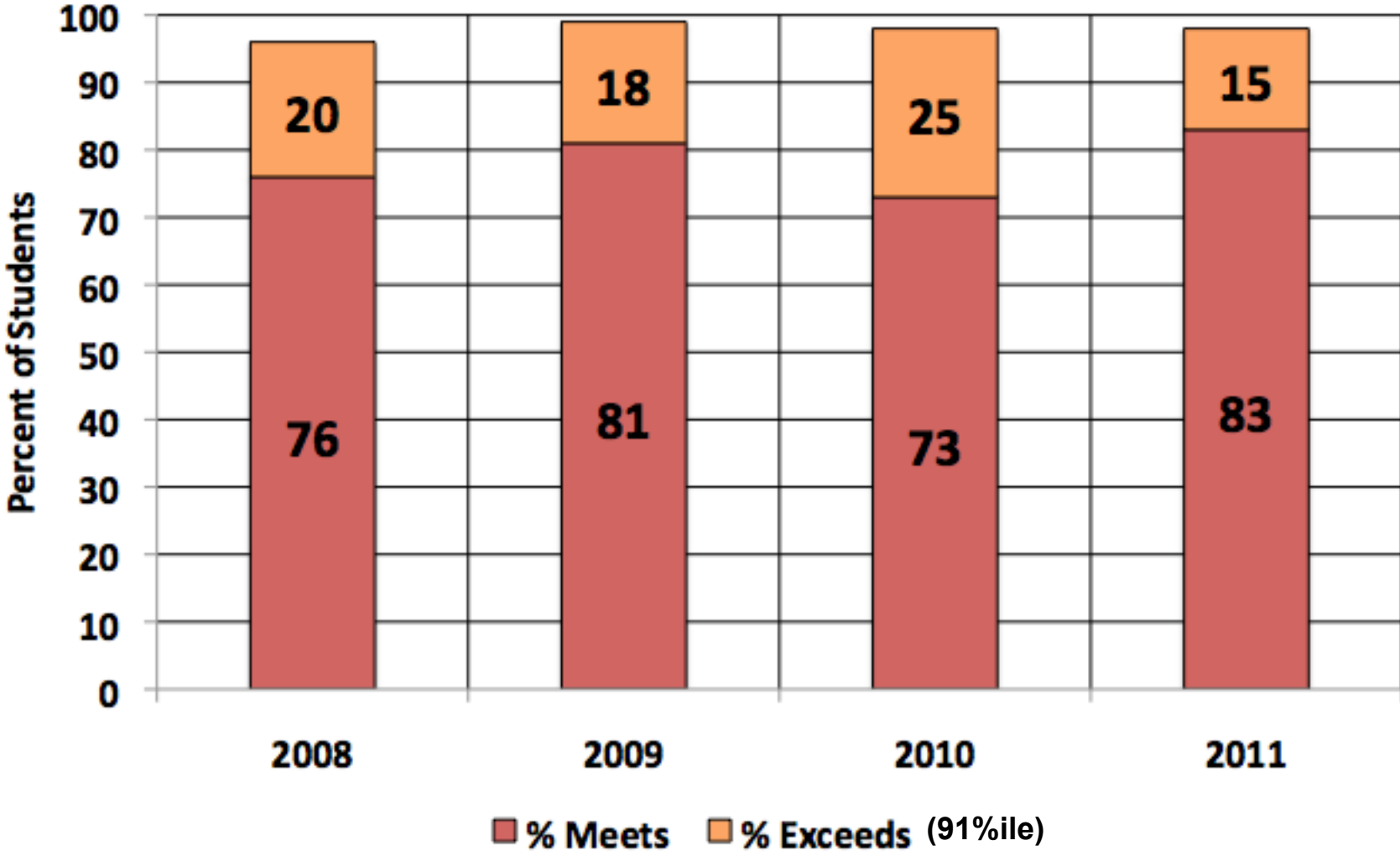
ISAT - 6th Grade Reading Meets/Exceeds District



ISAT - 7th Grade Reading Meets/Exceeds District



ISAT - 8th Grade Reading Meets/Exceeds District



Concept of Cohorts

Dictionary Definition: A cohort is a group of individuals that have a statistical factor (age, class, grade, etc.) in common in a demographic study.

Definition for our Purpose: A cohort is a group of students whose Meets/Exceeds test results are documented over time (from 3rd grade through their grade level in Spring 2011) in the district.

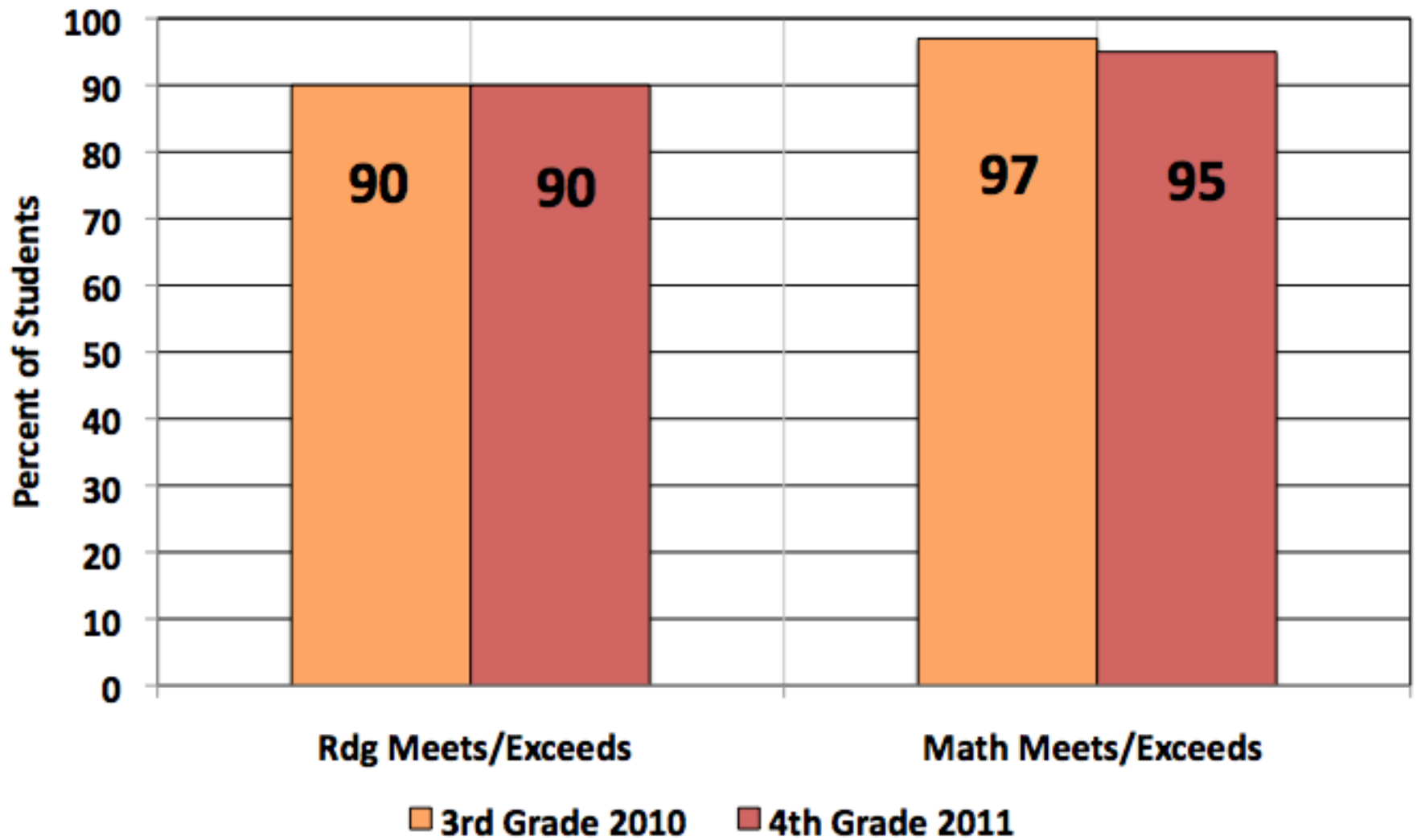
Purpose for Viewing Cohorts

Is the success level of the students in the cohort being sustained?

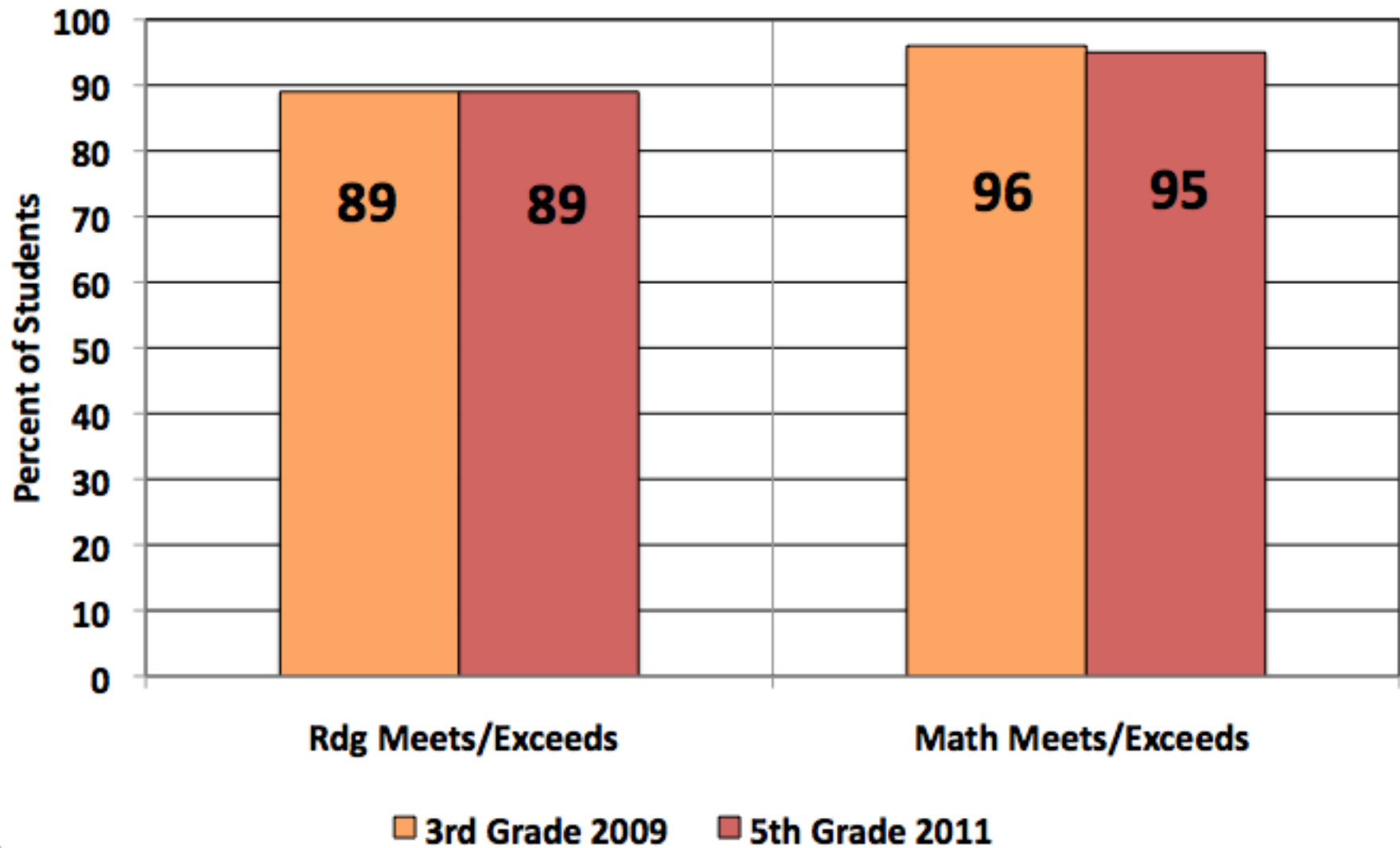
Are the students continuing to grow in their knowledge and skills over the years?

READING AND MATH

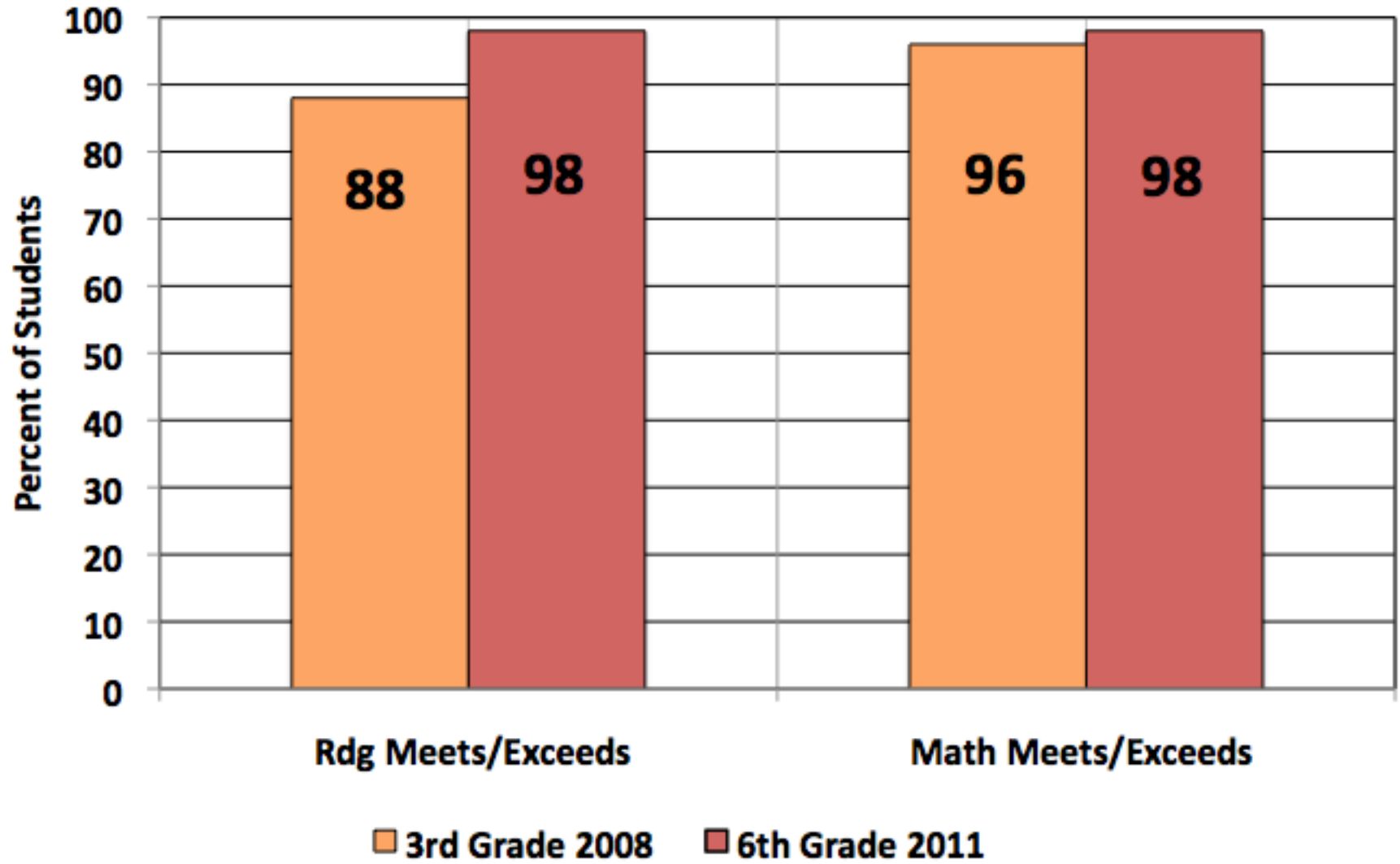
ISAT - Cohort Gr. 3 to Gr. 4



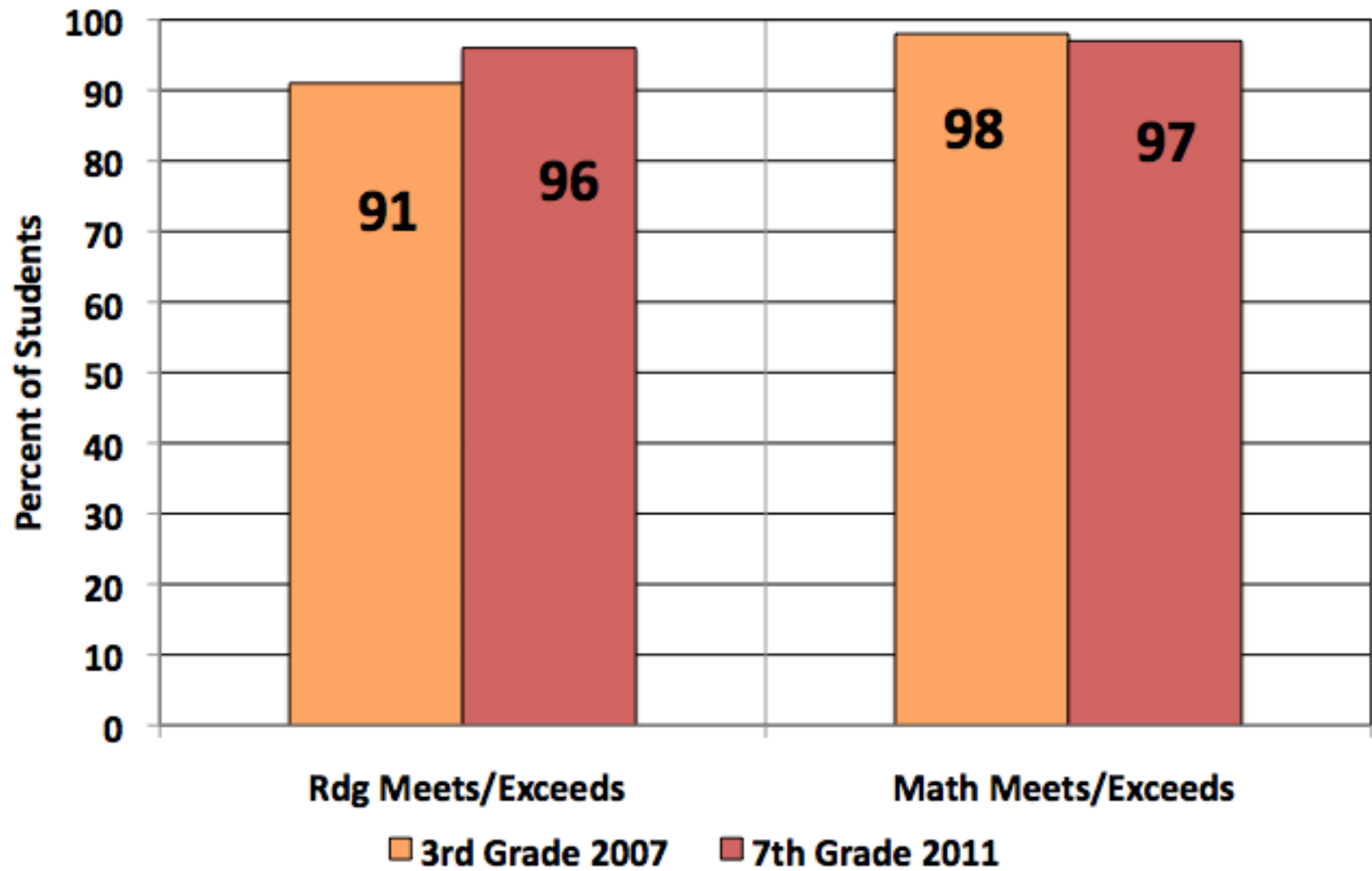
ISAT - Cohort Gr. 3 to Gr. 5



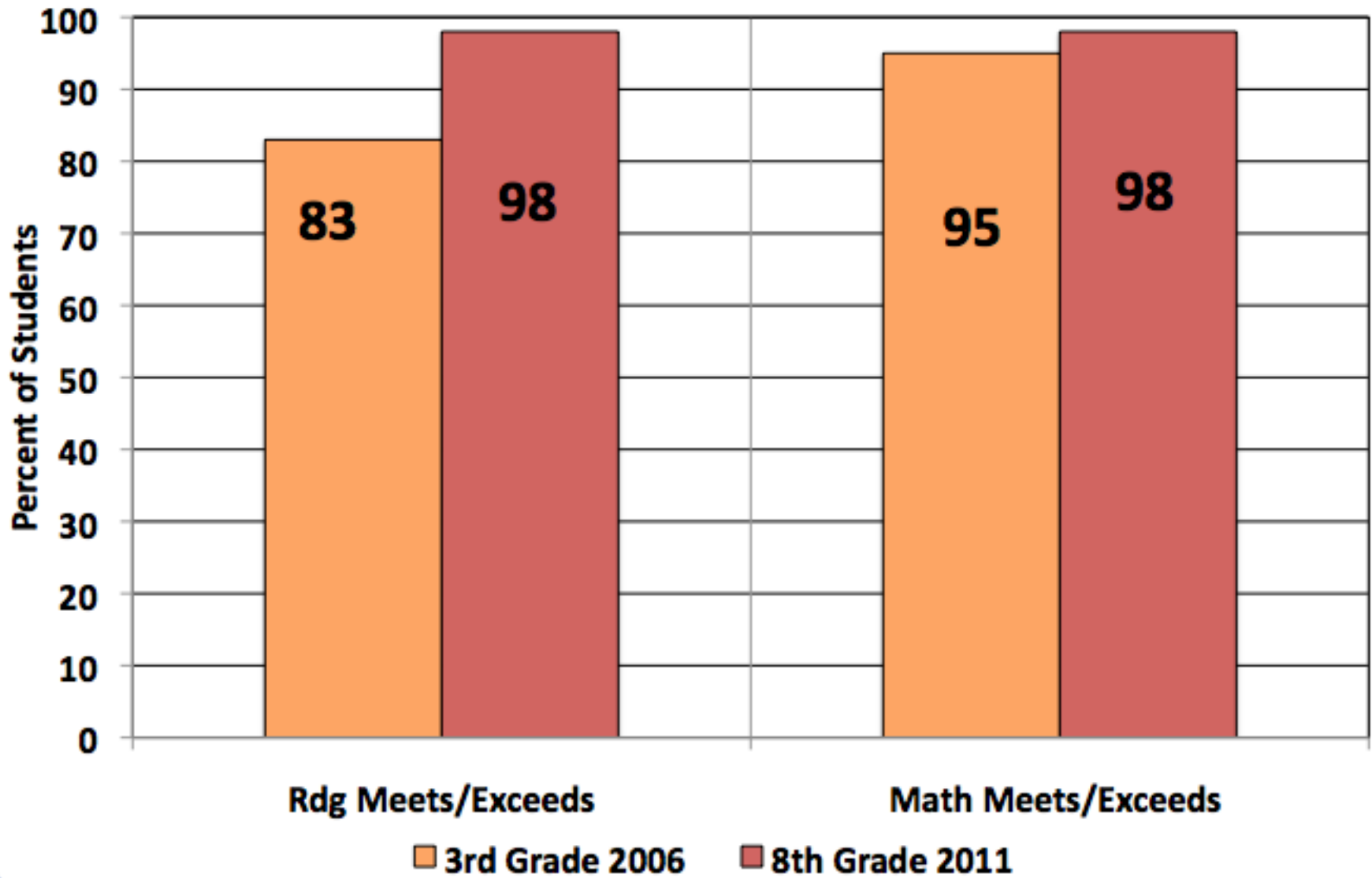
ISAT - Cohort Gr. 3 to Gr. 6



ISAT - Cohort Gr. 3 to Gr. 7



ISAT - Cohort Gr. 3 to Gr. 8



Meets Standards Percentile

GRADE LEVEL	READING	MATHEMATICS
3RD	35%ile	20%ile
4TH	27%ile	15%ile
5TH	32%ile	21%ile
6TH	21%ile	25%ile
7TH	20%ile	32%ile
8TH	20%ile	22%ile

Conclusion

Over time, from third grade to the grade it was in when the ISAT test was given in 2011, each cohort has either generally maintained or improved their level of achievement in both math and reading (based on percent of students meeting or exceeding standards).

Comments?

Source of Data:

<http://iirc.niu.edu>