2010 CRCT Analysis

Prepared for
State Board of Education

February 9, 2011
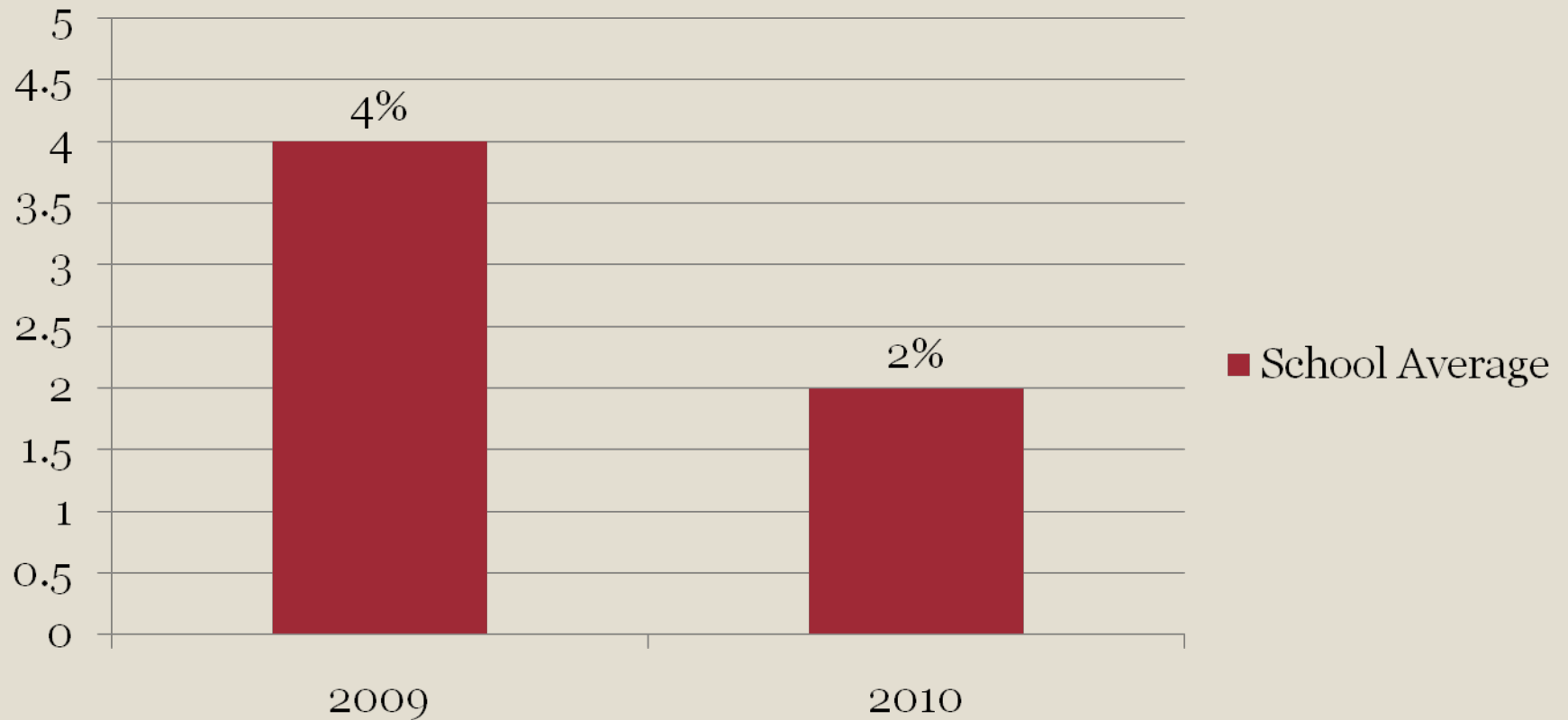
2010 CRCT Erasure Analysis

- OSA repeated the erasure analysis in 2010 that was performed on the 2009 CRCT answer documents:

  - CTB scanned all students' answer documents in grades 1-8
  - Total wrong-to-right changes across a classroom were flagged at ≥3 SD above the state average
  - Individual classroom results were aggregated to school totals:

    (# classrooms flagged) ÷ (total # classrooms) = % classrooms flagged

  - 2010 results were markedly different from 2009
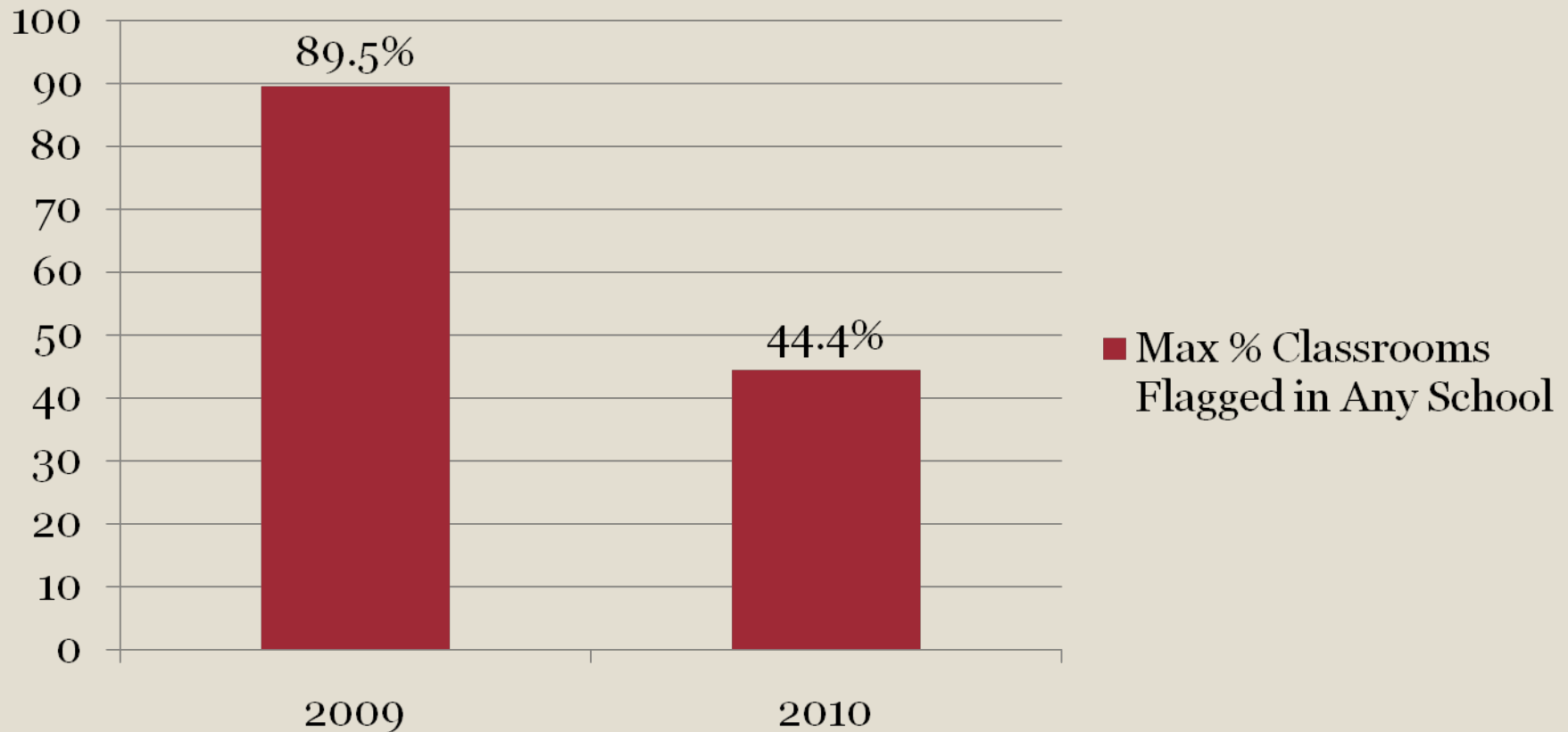
State Average % of Classrooms Flagged

State Max: Classrooms Flagged

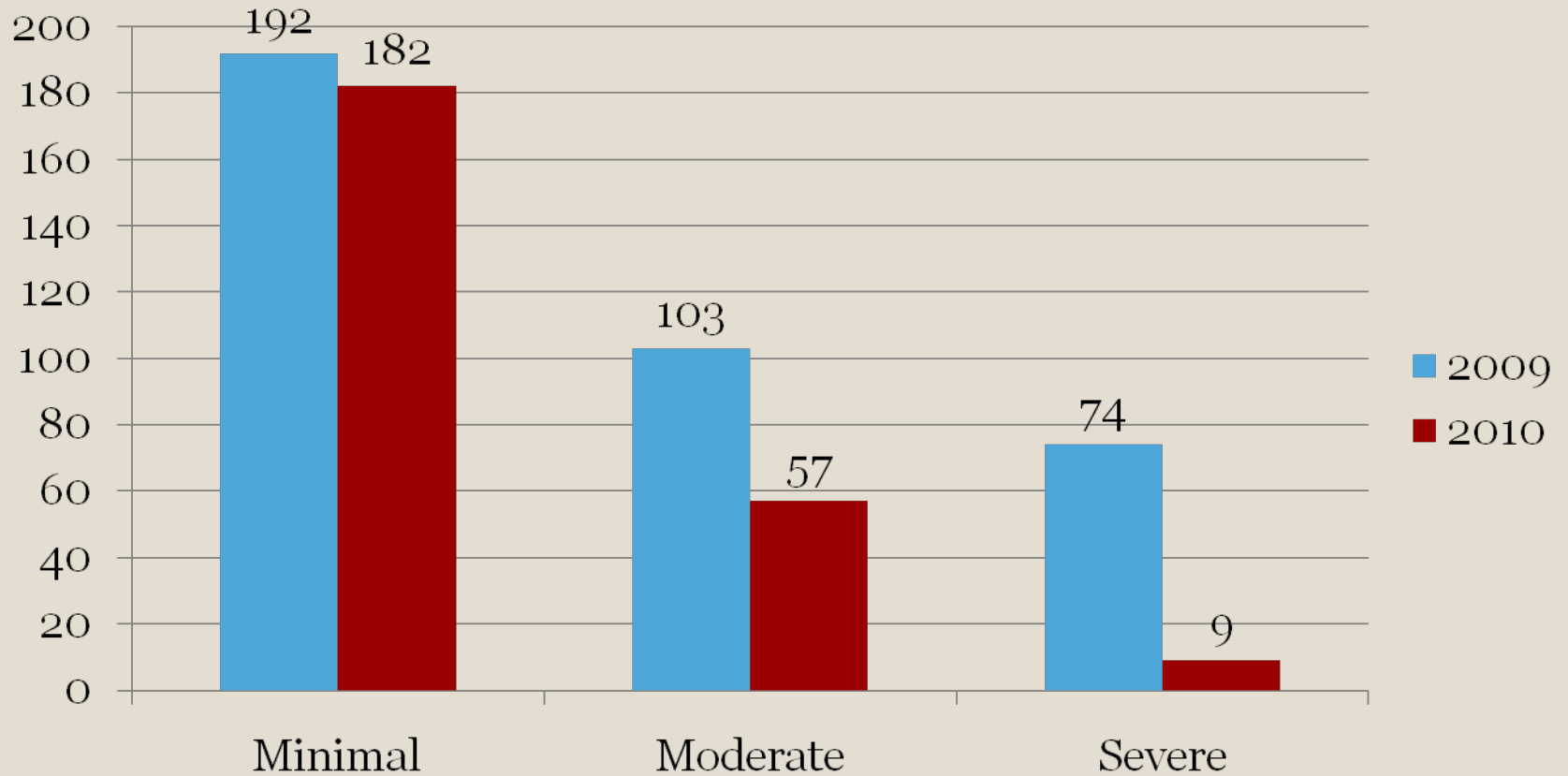**Maximum % Classrooms Flagged in Any School**

Categories of Concern

- Clear of Concern = 0% - 5% of classrooms flagged

- Minimal Concern = 6% - 10% of classrooms flagged

- Moderate Concern = 11%-24% of classrooms flagged

- Severe Concern = 25% or more of classrooms flagged
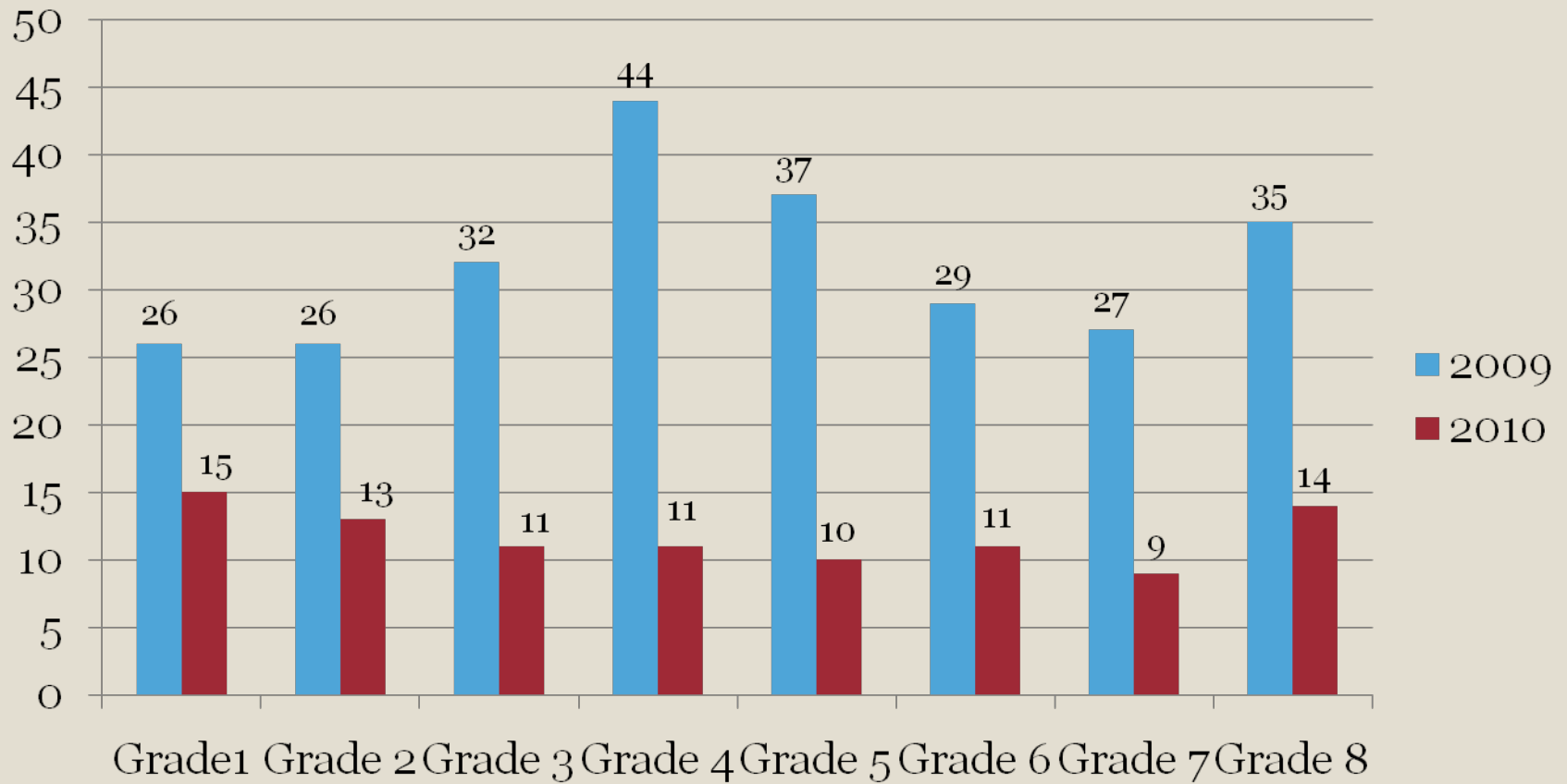
of Schools by Category

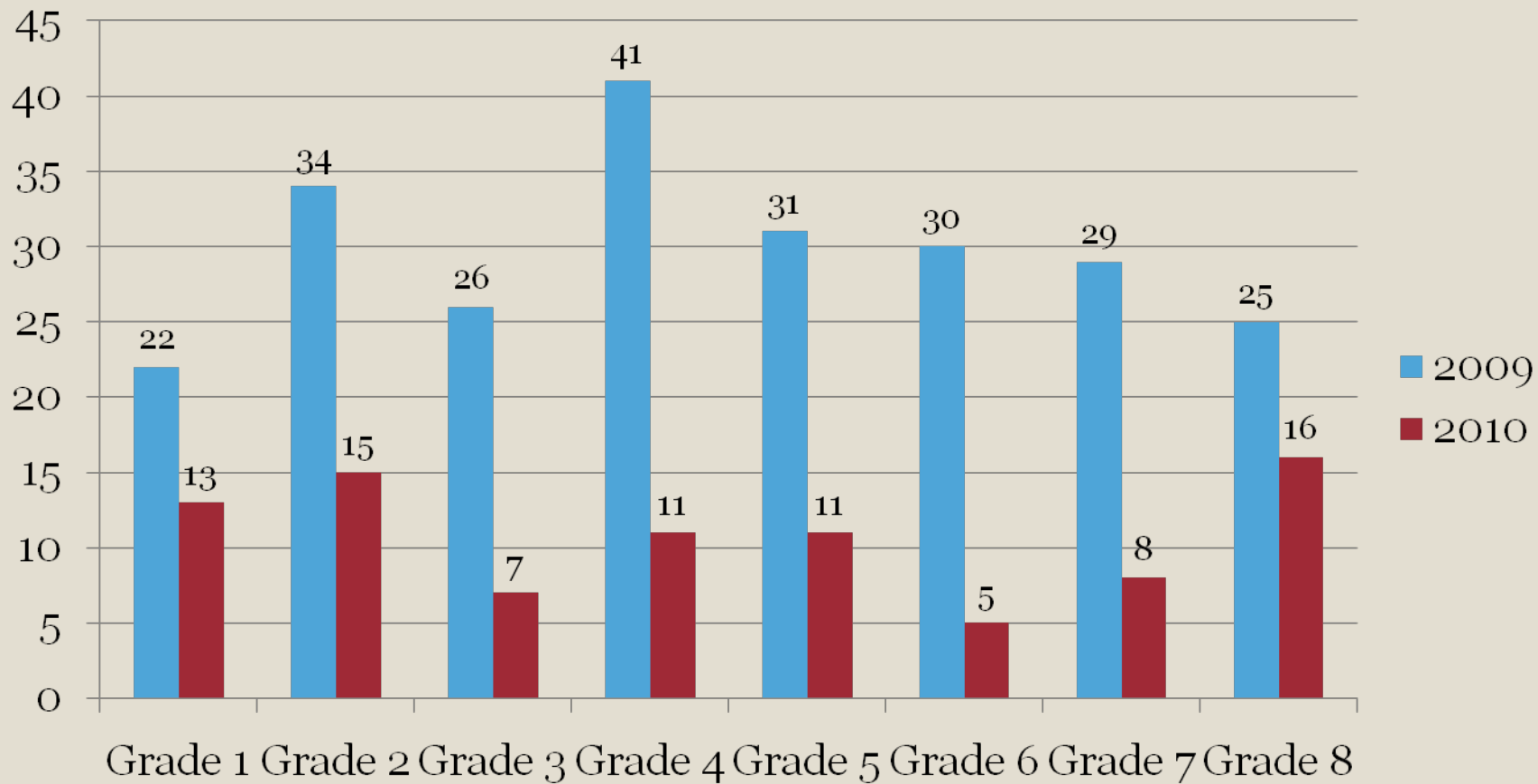# Moderate and Severe: 2009 vs. 2010

Number of Districts with Schools in Moderate or Severe Concern

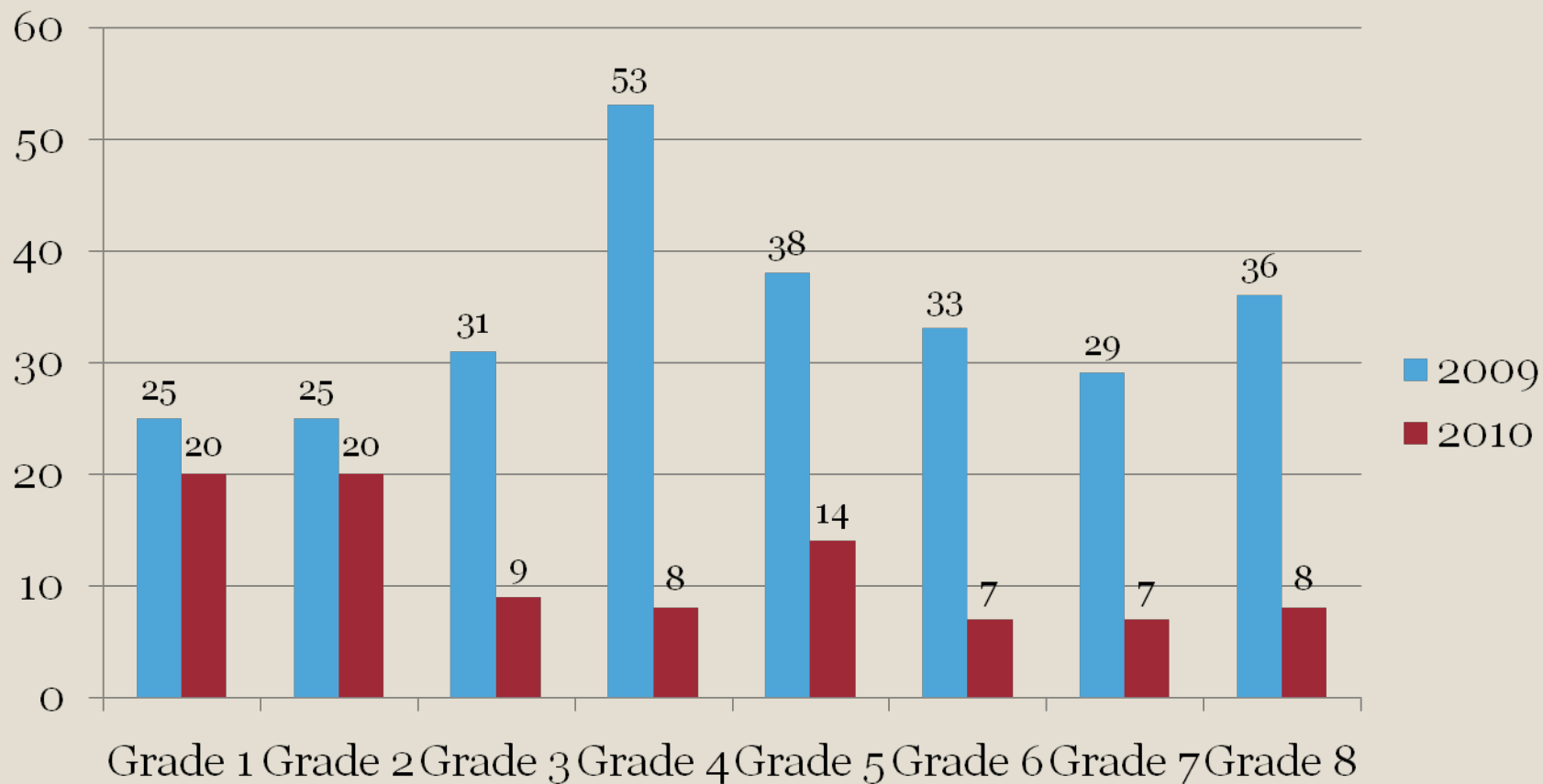- 2009: 35
- 2010: 17

Legend: Moderate or Severe

Maximum Z-Scores: Reading

Maximum Z-Scores: ELA

Maximum Z-Scores: Math

Recommendations for the SBOE

1. Place state monitors in moderate and severe concern schools for the 2011 CRCT.

2. Rotate teachers in minimal, moderate, and severe concern schools for the 2011 CRCT.

3. Remove test administrators whose students were flagged in multiple subjects at ≥ 4 SD in 2010 from 2011 CRCT.

    a) Note: OSA will consider exceptions, especially those involving hardship.

4. Share data files with superintendents to facilitate:

    a) investigations undertaken independently by LEAs (with schools in moderate or severe concern), and

    b) identification of students adversely affected who may need supports or interventions.

5. Conduct random state audits.