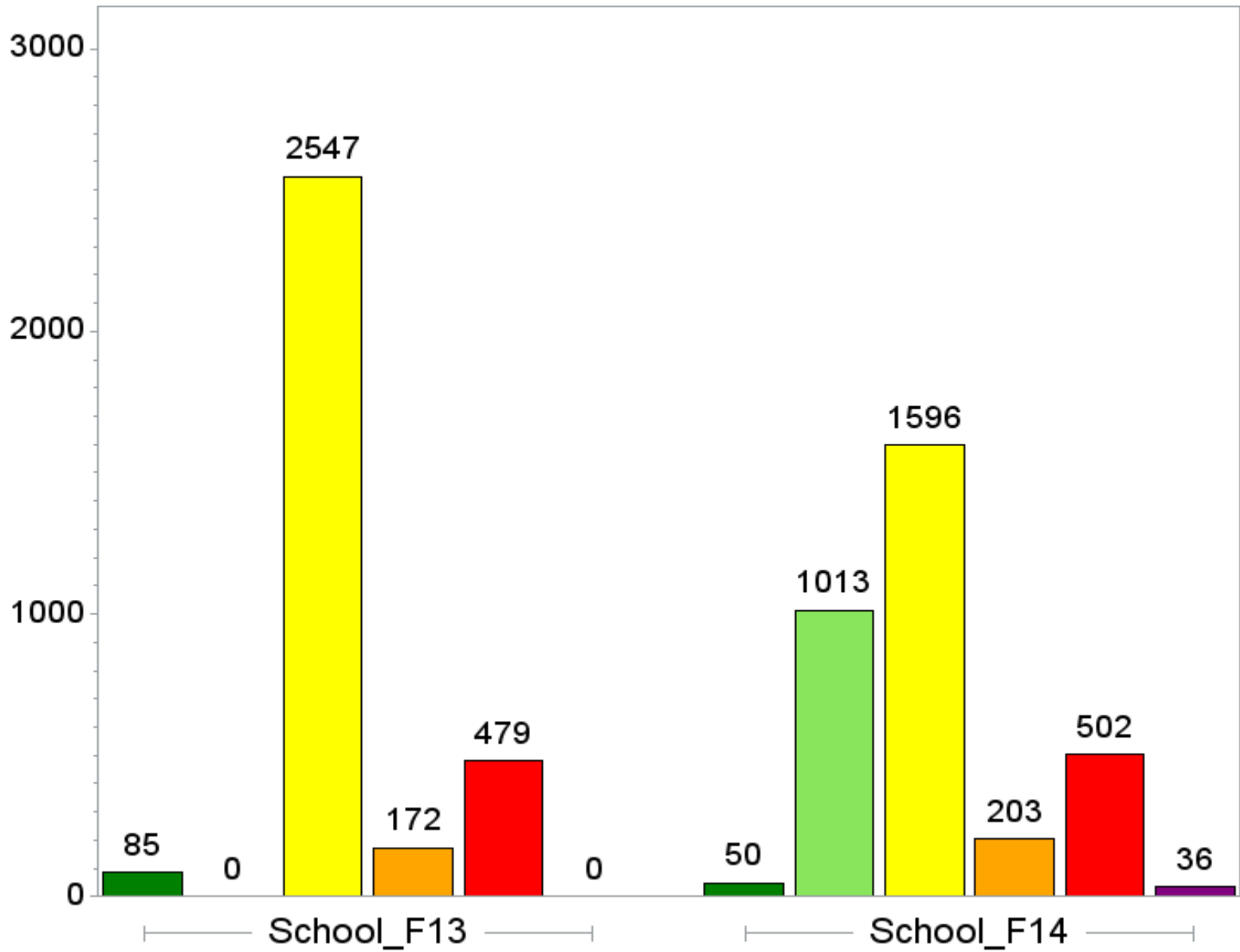
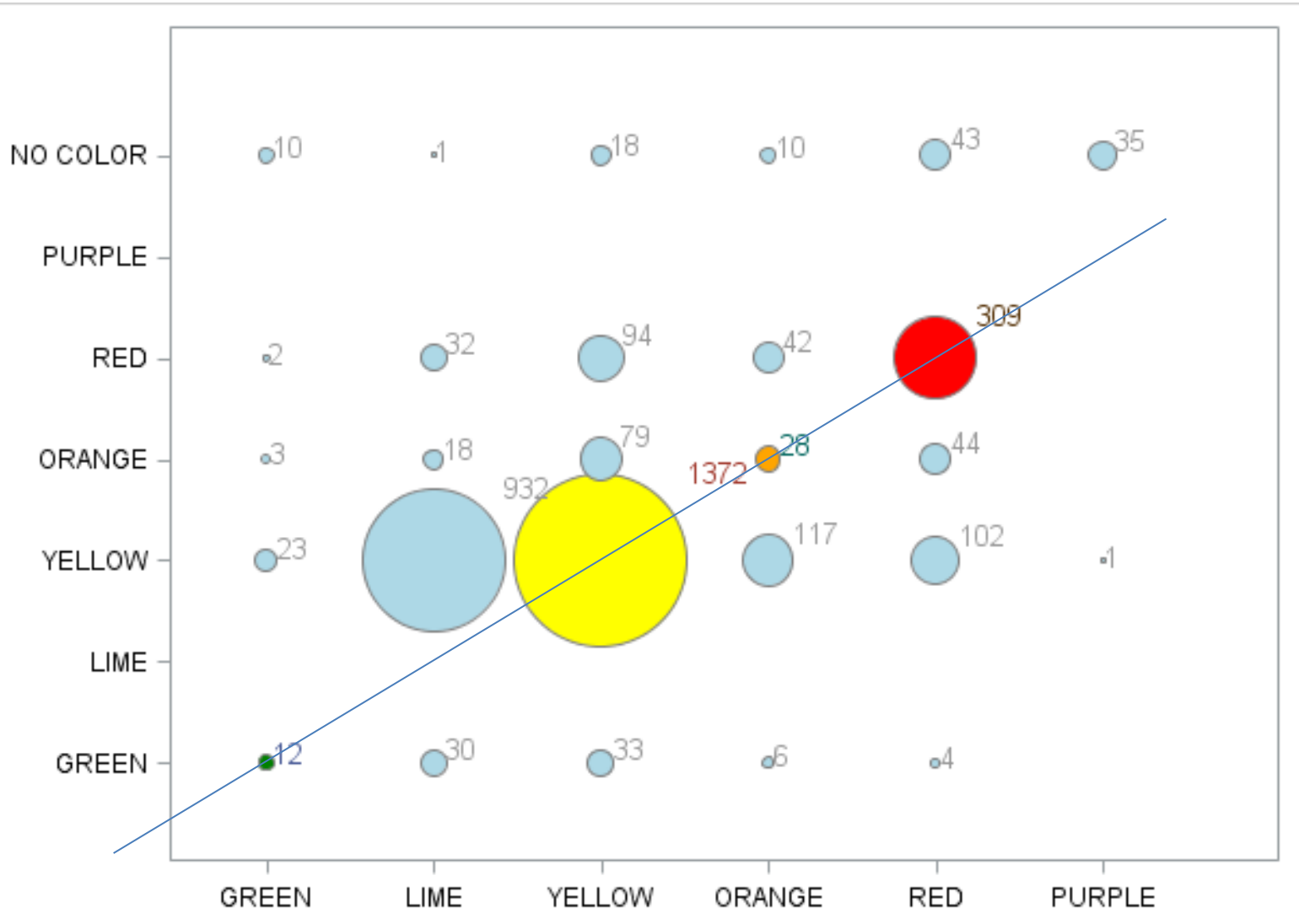


Michigan's Accountability System: Scorecards

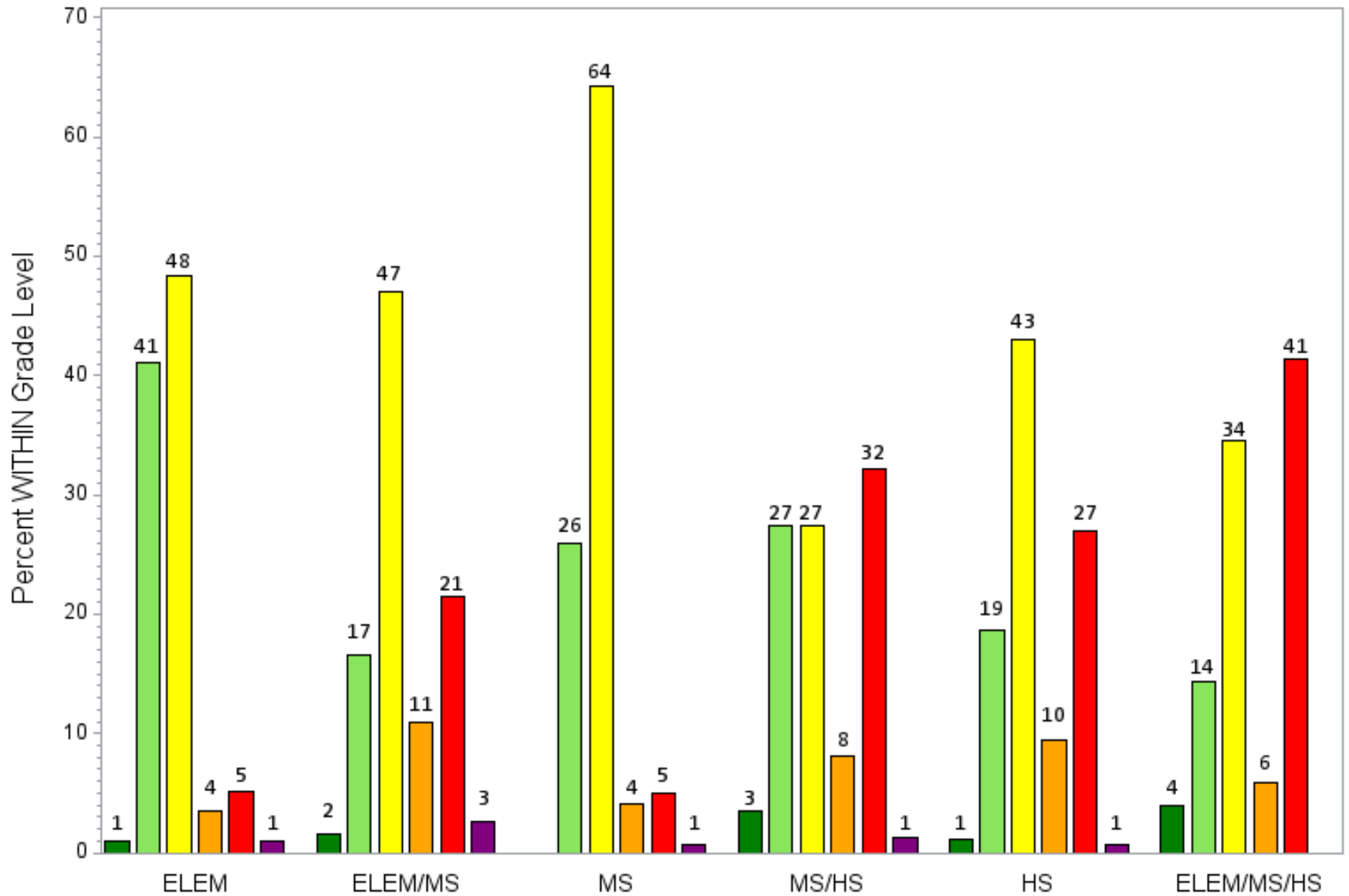
Number of Schools by Color, 2013 & 2014



Number of Schools by *Change* in Color, 2013 & 2014



Percent of Schools by Color w/in Level, 2014



Michigan's Accountability System

*Second Annual
What Does It Take To
Be A **Green** School?*

50 **Green** Schools

Factoids

- Only 17 had AMO targets
- Only 11 had a Top-to-Bottom Ranking
 - 8 of these 11 had
Pctile Ranks > 99th percentile

50 Green Schools

38 → With Less than 30 FAY students (small schools)
-- no bottom 30 % subgroups

2013-14 Accountability Scorecard Evergreen Academy								
Scorecard | By Subject | Completion Rate | Other Factors | Historical Data								
Overall School Status:		Green		8/8 (100%) Points Possible				
Student Group	Mathematics	Reading	Social Studies	Science	Writing	% of Status Points	Completion Rate	Attendance Rate
All Students	2	2	...	...	2	6/6 (100%)	...	2

Mathematics - Proficiency Detail

Student Group	Total FAY Assessed	Total Proficient	Single Year %	Two Year %	Three Year %	Pts. Earned/ Pts. Possible	Met State Objective
All Students	<30	0	0	...	...	2/2	2
Bottom 30%	<30	0	0	...	...	...	...

$$50 - 38 = 12$$

AMO Targets for Small Schools

Subject	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Mathematics	6%	14%	22%	30%	38%	46%	53%	61%	69%	77%	85%
Reading	22%	28%	35%	41%	47%	54%	60%	66%	72%	79%	85%
Science	17%	24%	31%	37%	44%	51%	58%	65%	71%	78%	85%
Social Studies	18%	25%	31%	38%	45%	52%	58%	65%	72%	78%	85%
Writing	28%	34%	39%	45%	51%	57%	62%	68%	74%	79%	85%

- A 95% confidence interval is used
- Compares school proficiency against a statewide target, based on based on the number of FAY students:
 - > $\text{sqrt}((p * (1 - p)) / n)$
 - p = percent proficient, n = number of FAY students
- Confidence interval put around the TARGET, not the “sample” (Pct Prof of FAY kids).
- So, with 9 FAY Kids:
 - > $1.96 * \text{sqrt}((.14 * (1 - .14)) / 9) = 22.7\%$ next year, this goes to 5
 - > Bottom end of the Math Target “Confidence Interval” = -0.7
 - > So, Zero Percent Proficient means the school made the target

50 **Green** Schools

5 → With 30 FAY Students for Math & Reading only
- No Bottom 30% in Science / Soc. Studies / Writing

$$12 - 5 = 7$$

5 → No Bottom 30% in Science

$$7 - 5 = 2$$

50 Green Schools

~~Angell School – Ann Arbor Public Schools~~

2013-14 Accountability Scorecard

Angell School

Scorecard | [By Subject](#) | [Completion Rate](#) | [Other Factors](#) | [Historical Data](#)

Overall School Status:

Green

28/28 (100%) Points Possible

Reward School

Student Group	Mathematics	Reading	Social Studies	Science	Writing	% of Status Points	Completion Rate	Attendance Rate
All Students	2	2	2	2	2	10/10 (100%)	...	2
Bottom 30%	2	2	...	2	...	6/6 (100%)	...	...
Asian	2	2	...	...	...	4/4 (100%)	...	...
White	2	2	...	...	...	4/4 (100%)	...	...

Science - Proficiency Detail

Student Group	Total FAY Assessed	Total Proficient	Single Year %	Two Year %	Three Year %	Pts. Earned/ Pts. Possible	Met State Objective
All Students	38	31	81.58	75.38	75.47	2/2	2
Bottom 30%	11	4	36.36	21.05	19.35	2/2	2

Downloadable AMO file: Science AMO Target for 2013/14 = 64%

$$2 - 1 = 1$$

The One School
Left Standing,
for the Second
Consecutive Year....



***** WEBSTER ELEMENTARY SCHOOL *****

Webster Elementary, Livonia School District

Over-all z score: 5.84

-- and this is after the:

a) -/+ 2 z-score restriction

and

b) normalization process,

two adjustments made to make unruly z-scores
behave a bit better.

- - based on a normal distribution, this would
represent a percentile rank of 99.9999993

Proficiency Rates

100% - Reading & Soc. Studies

99.6% - Math

98.9% - Writing,

97% - Science (bottom 30%, 90%
proficient)