



State of the District - Part II
September 25, 2013

State of the District

- We have insufficient resources to meet student needs.
- We are innovating and collaborating to try and cope with increased demands.
- We are concerned that the quality of the education provided to Shrewsbury students is deteriorating.

Effects of high class sizes

- Compromised quantity and quality of attention, instruction, and feedback; ultimately lower student achievement
- Compromised physical, social & emotional classroom environments
- Increased teacher workload leaves less time for involvement in educational initiatives

Out-of-date curriculum, instructional materials & technology

- Not up-to-date with state-mandated curriculum changes, due to insufficient funding, personnel, and time to make this shift (especially in mathematics)
- Our students have already started being tested on updated state curriculum, and we are out of alignment
- Underinvestment in textbooks and technology has created obstacles to learning

State Performance Rating: Downgraded

2012

District and all schools rated Level 1

2013

District downgraded from Level 1 to Level 2

5 of 7 schools downgraded from Level 1 to Level 2

State Performance Rating: Downgraded

- Performance on state's "Progress and Performance Index" uses past four years of MCAS data
- 2013 rating lower overall and in 7 of 9 student subgroups
- Level 1 = 24% of districts, 31% of schools in MA
- Level 2 = 57% of districts, 48% of schools in MA

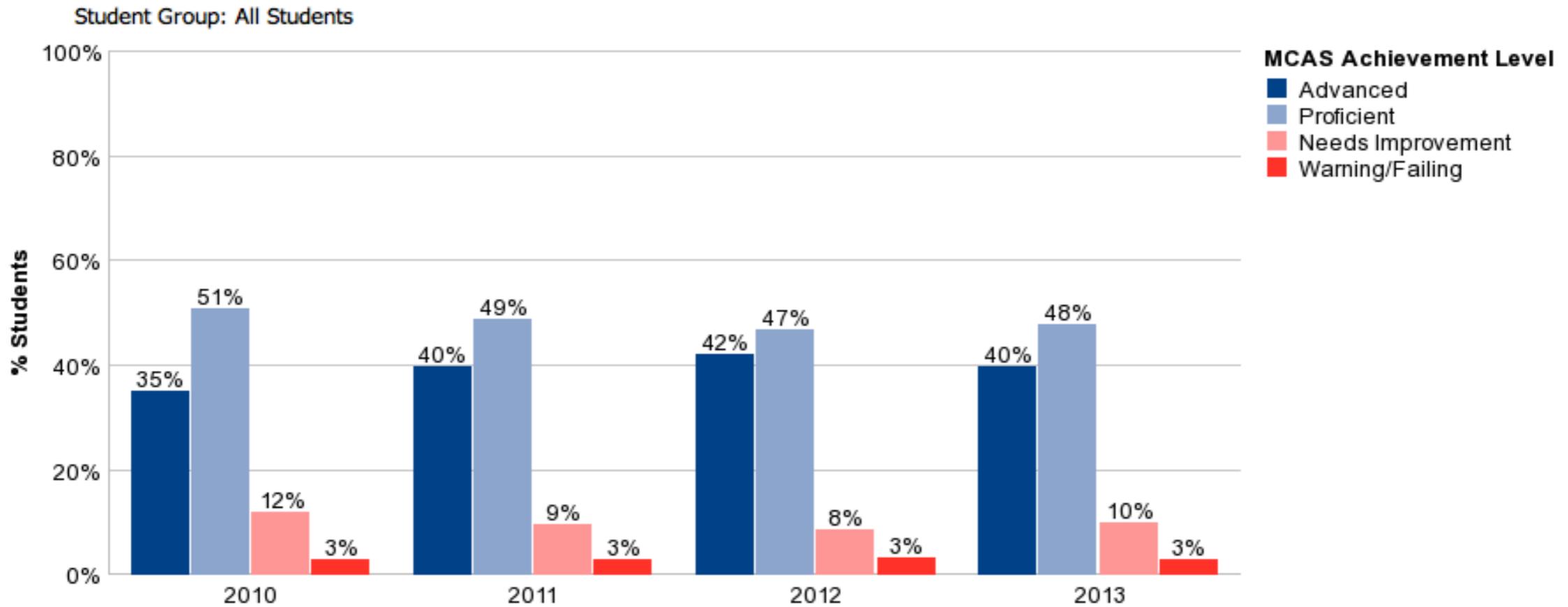
Lower Scores on Progress & Performance Index

Student Group	2012	2013	Change
All Students	88	86	-2
High Needs	74	68	-6
Low Income	79	69	-10
ELL/Former ELL	94	85	-9
Students w/Disabilities	51	56	+5
Asian	100	98	-2
African American/Black	77	71	-6
Hispanic/Latino	77	72	-5
Multi-race/Non-His. Lat.	95	100	+5
White	94	86	-8

Some achievement gaps widening

English Language Arts MCAS: Achievement Maintained

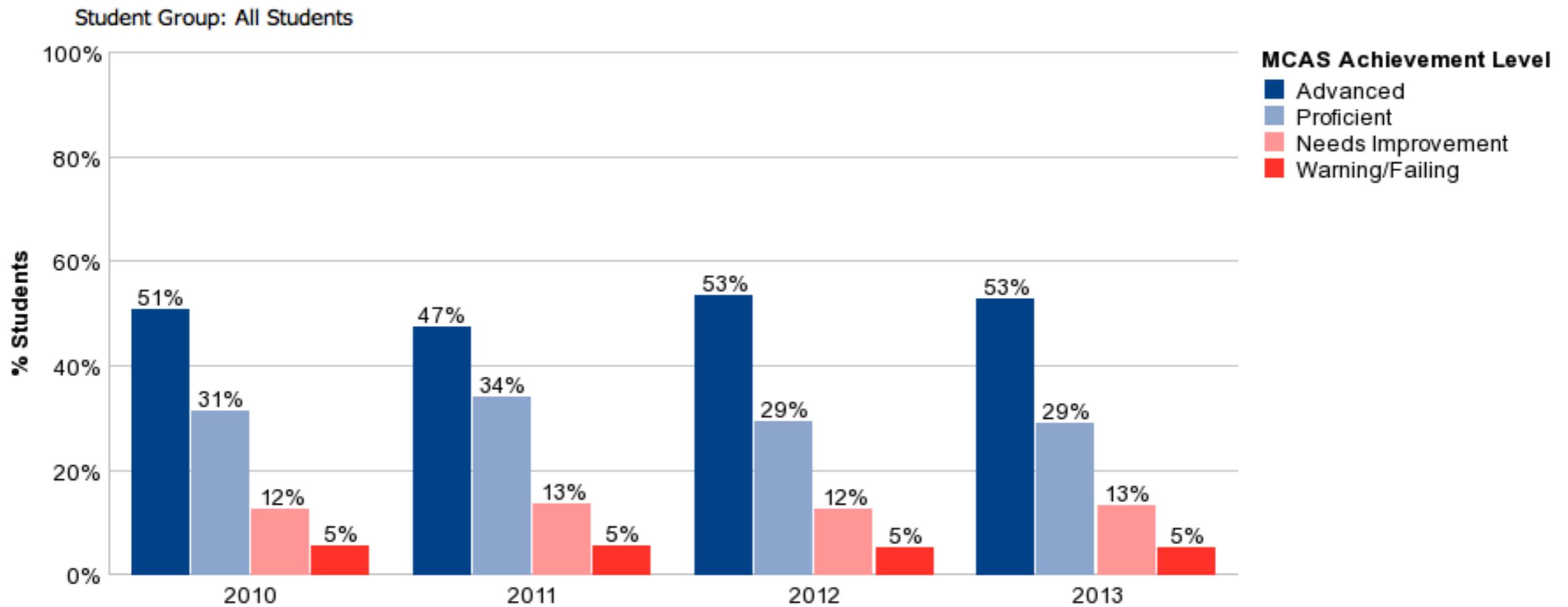
* 2013 * English Language Arts * Shrewsbury
 * Color Clustered Bar Chart * All Grades * All Students



	2010		2011		2012		2013	
	District	State	District	State	District	State	District	State
Advanced	35%	16%	40%	17%	42%	19%	40%	19%
Proficient	51%	52%	49%	52%	47%	50%	48%	50%
Needs Improvement	12%	24%	9%	23%	8%	22%	10%	23%
Warning/Failing	3%	8%	3%	8%	3%	9%	3%	8%
N Students	3,156	498,668	3,270	497,258	3,260	497,549	3,304	496,175
CPI	95.1	86.9	95.7	87.2	95.7	86.7	95.2	86.8
Median SGP	59.0	50.0	61.0	50.0	59.0	50.0	54.0	51.0

Mathematics MCAS: Achievement Maintained

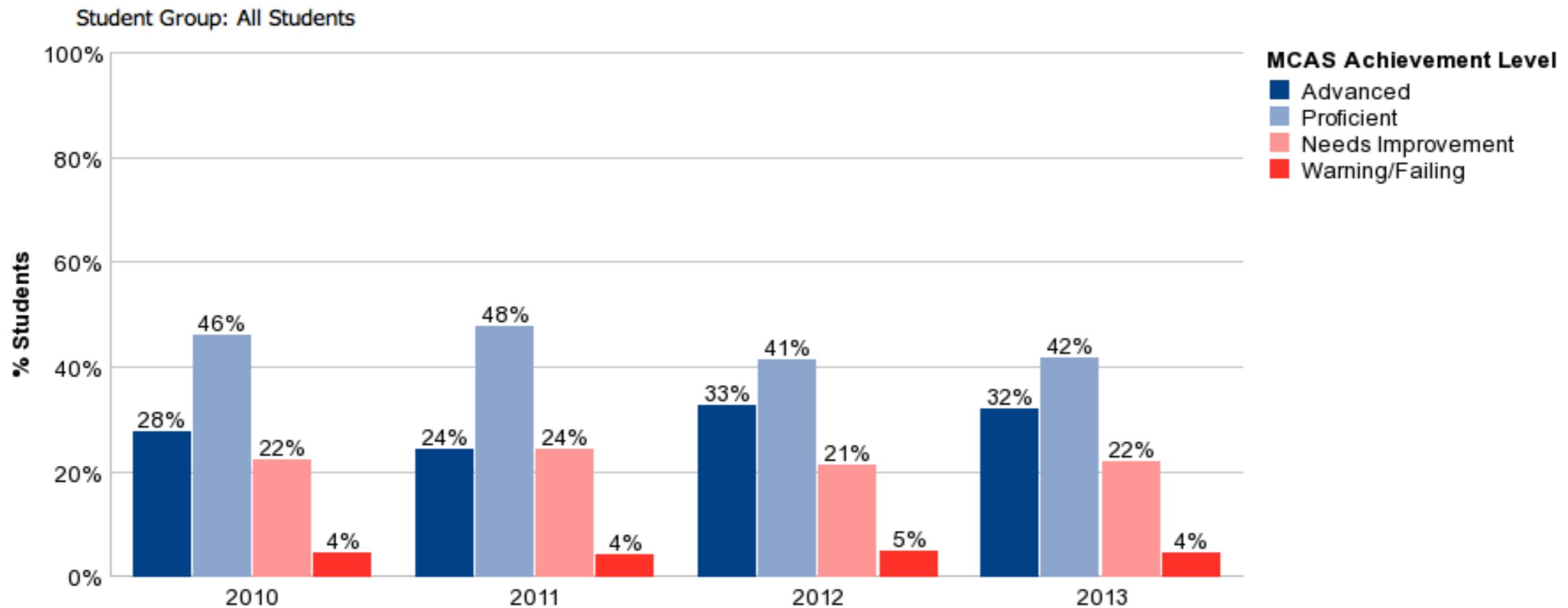
* 2013 * Mathematics * Shrewsbury
 * Color Clustered Bar Chart * All Grades * All Students



	2010		2011		2012		2013	
	District	State	District	State	District	State	District	State
Advanced	51%	26%	47%	24%	53%	27%	53%	28%
Proficient	31%	33%	34%	34%	29%	32%	29%	33%
Needs Improvement	12%	27%	13%	27%	12%	26%	13%	25%
Warning/Failing	5%	15%	5%	15%	5%	15%	5%	14%
N Students	3,161	498,632	3,280	497,712	3,265	497,984	3,308	497,090
CPI	92.4	79.9	92.1	79.9	92.7	79.9	92.2	80.8
Median SGP	60.0	50.0	55.5	50.0	59.0	50.0	51.0	51.0

Science/Technology MCAS: Achievement Maintained

* 2013 * Science and Technology/Engineering (All Grades) * Shrewsbury
 * Color Clustered Bar Chart * All Grades * All Students



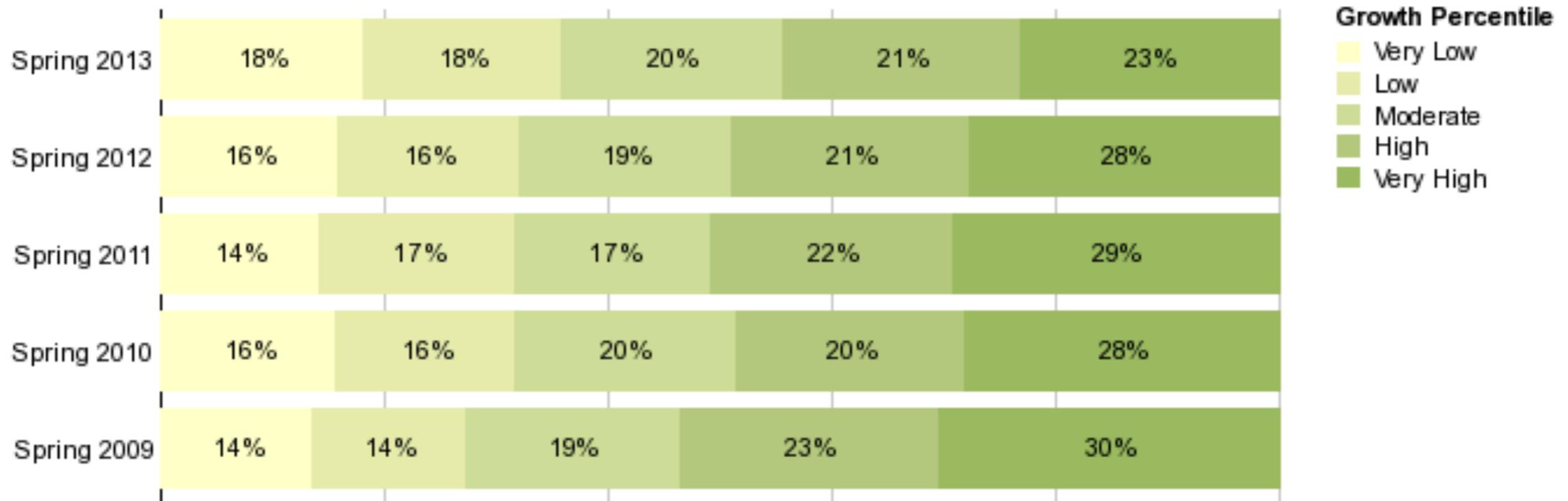
	2010		2011		2012		2013	
	District	State	District	State	District	State	District	State
Advanced	28%	12%	24%	13%	33%	17%	32%	16%
Proficient	46%	40%	48%	39%	41%	37%	42%	37%
Needs Improvement	22%	35%	24%	35%	21%	32%	22%	35%
Warning/Failing	4%	13%	4%	13%	5%	13%	4%	12%
N Students	1,297	211,197	1,351	211,422	1,316	211,464	1,411	209,573
CPI	90.2	78.3	89.1	77.6	90.0	78.6	89.6	79.0
Median SGP								

English Language Arts MCAS: Weaker Growth

* English Language Arts

* Shrewsbury

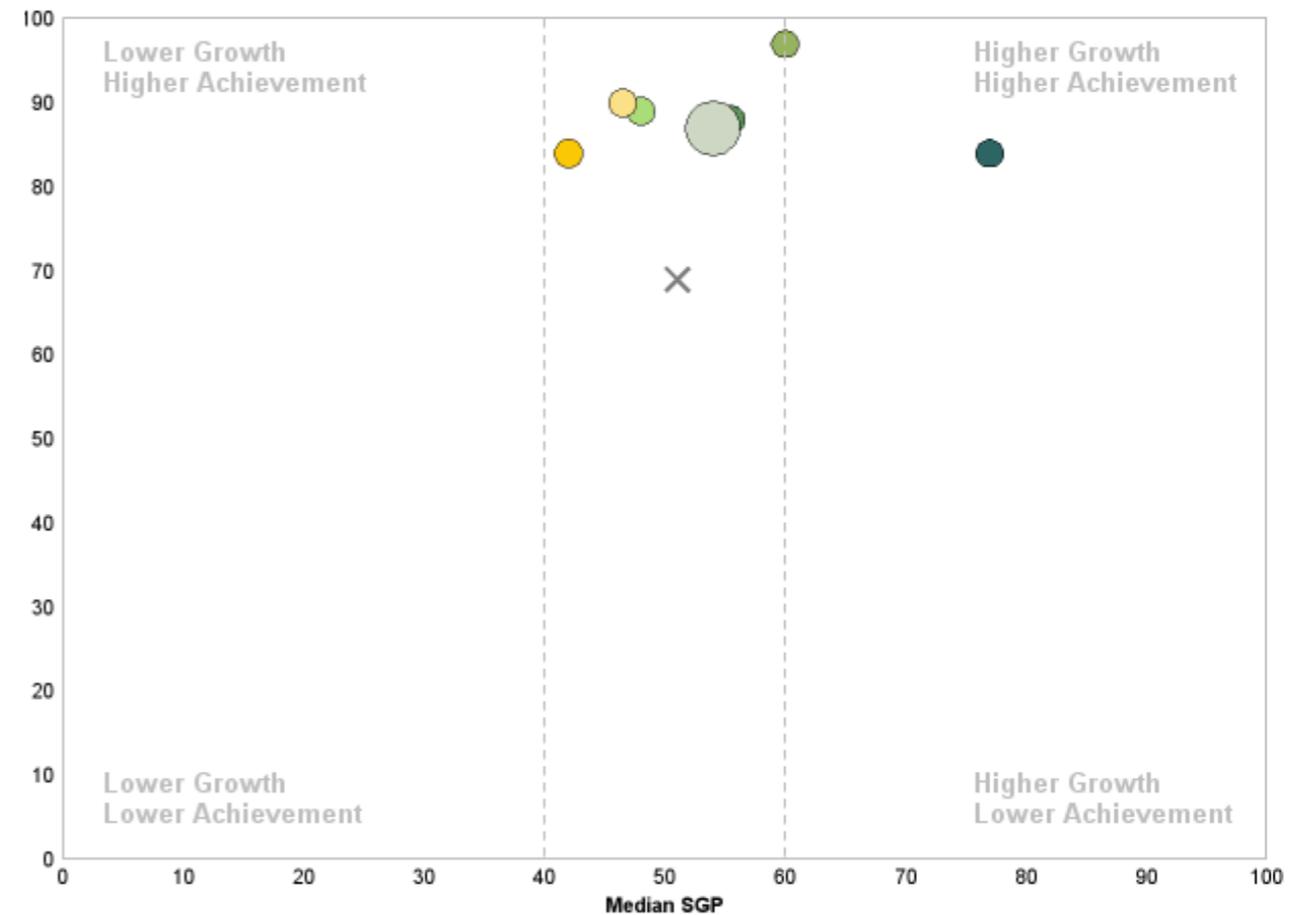
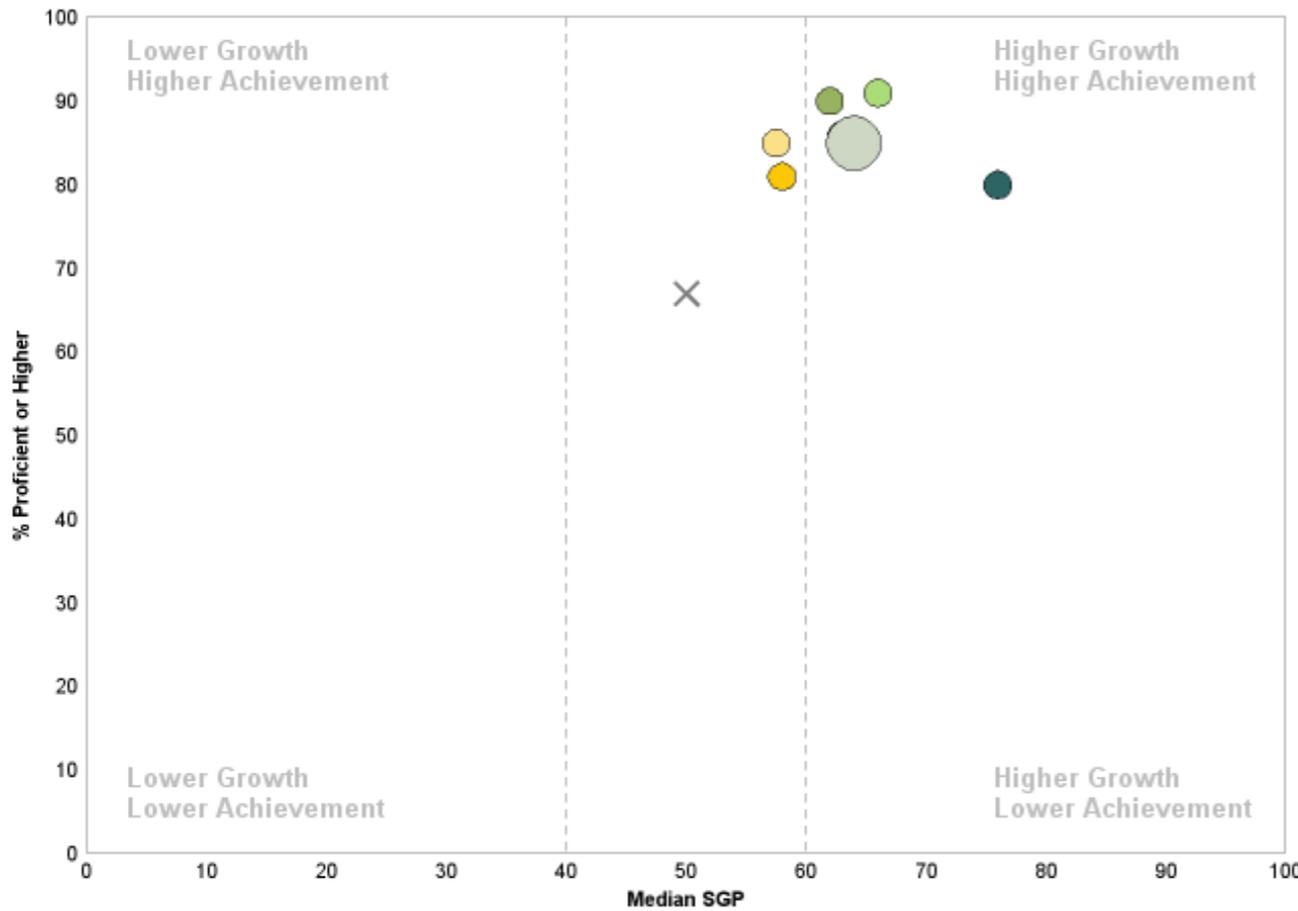
Growth Distribution by Year
Grade All Grades - All Students



English Language Arts MCAS: Weaker Growth

2009

2013



	Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
All Grades	64	2,616	85	3,240
Grade 04	76	467	80	486
Grade 05	58	431	81	454
Grade 06	63	443	86	466
Grade 07	57.5	426	85	454
Grade 08	66	465	91	491
Grade 10	62	384	90	428

	Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
All Grades	54	2,646	87	3,304
Grade 04	77	436	84	458
Grade 05	42	491	84	528
Grade 06	55.5	448	88	474
Grade 07	46.5	446	90	471
Grade 08	48	446	89	475
Grade 10	60	379	97	423

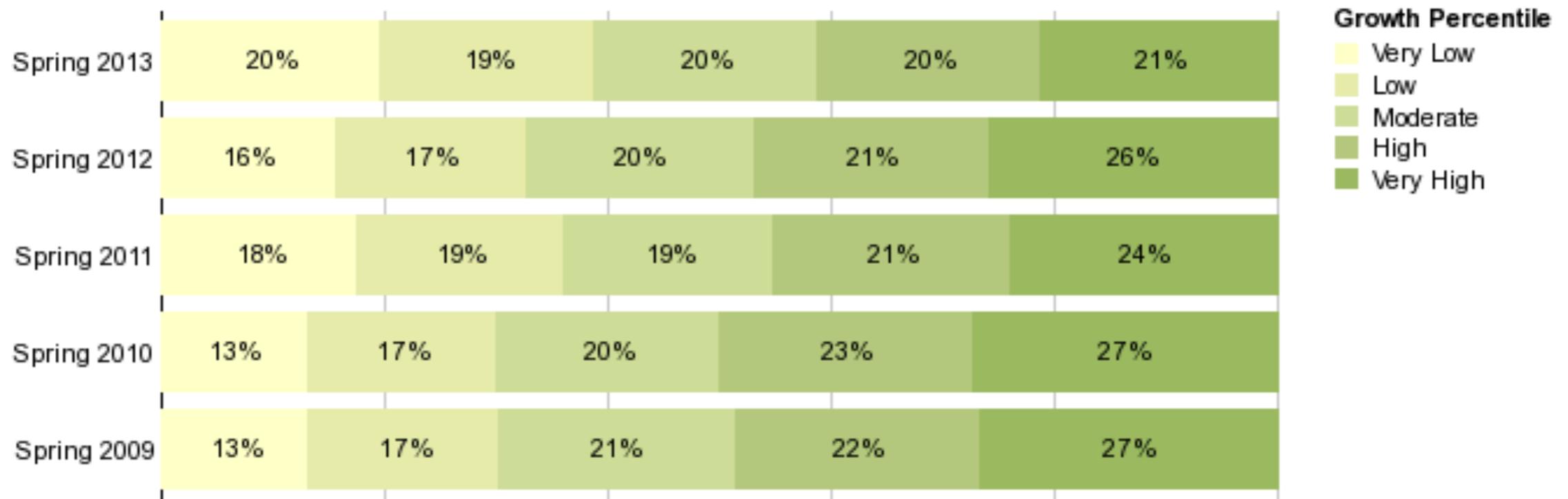
Mathematics MCAS: Weaker Growth

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Growth Distribution by Year

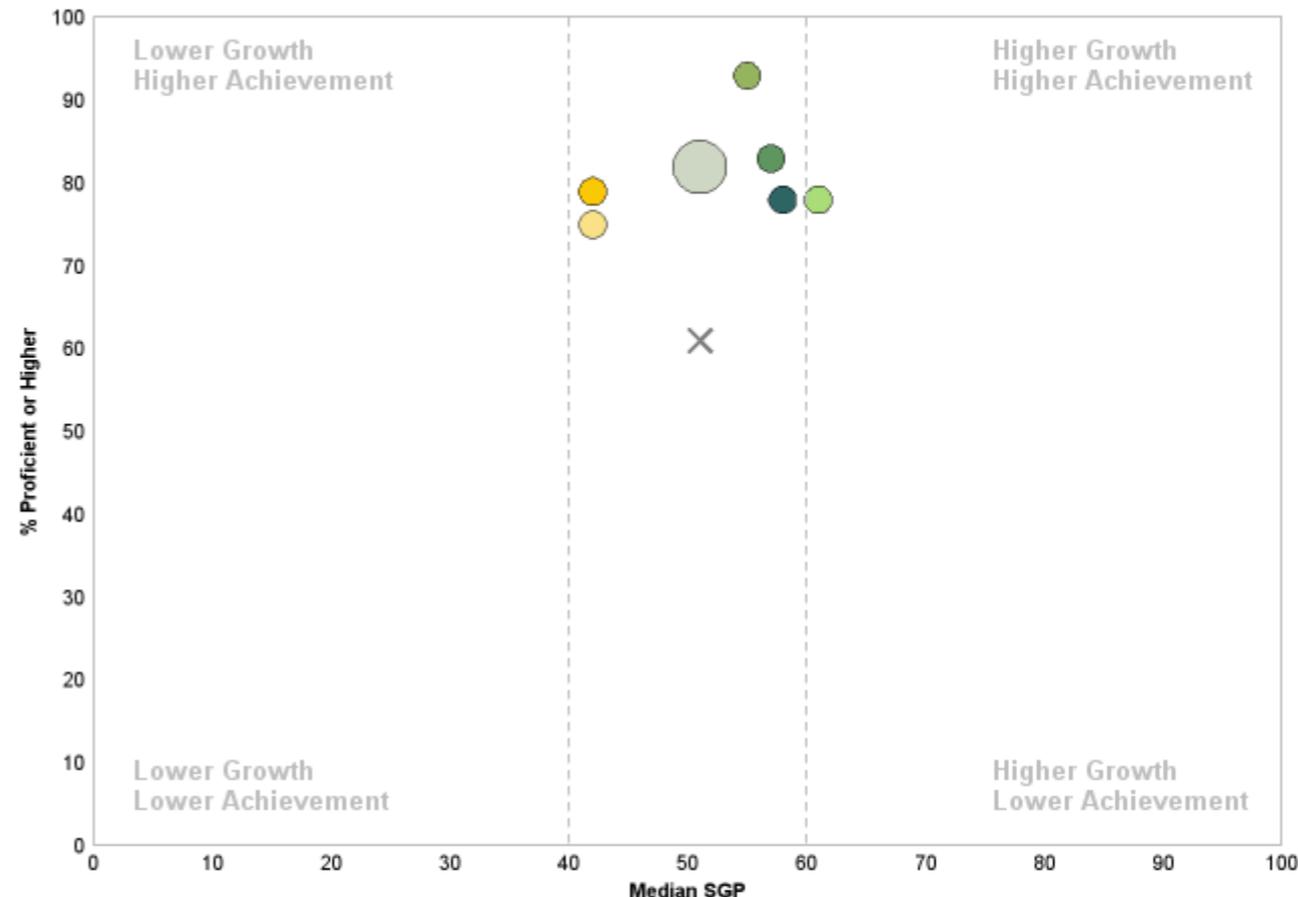
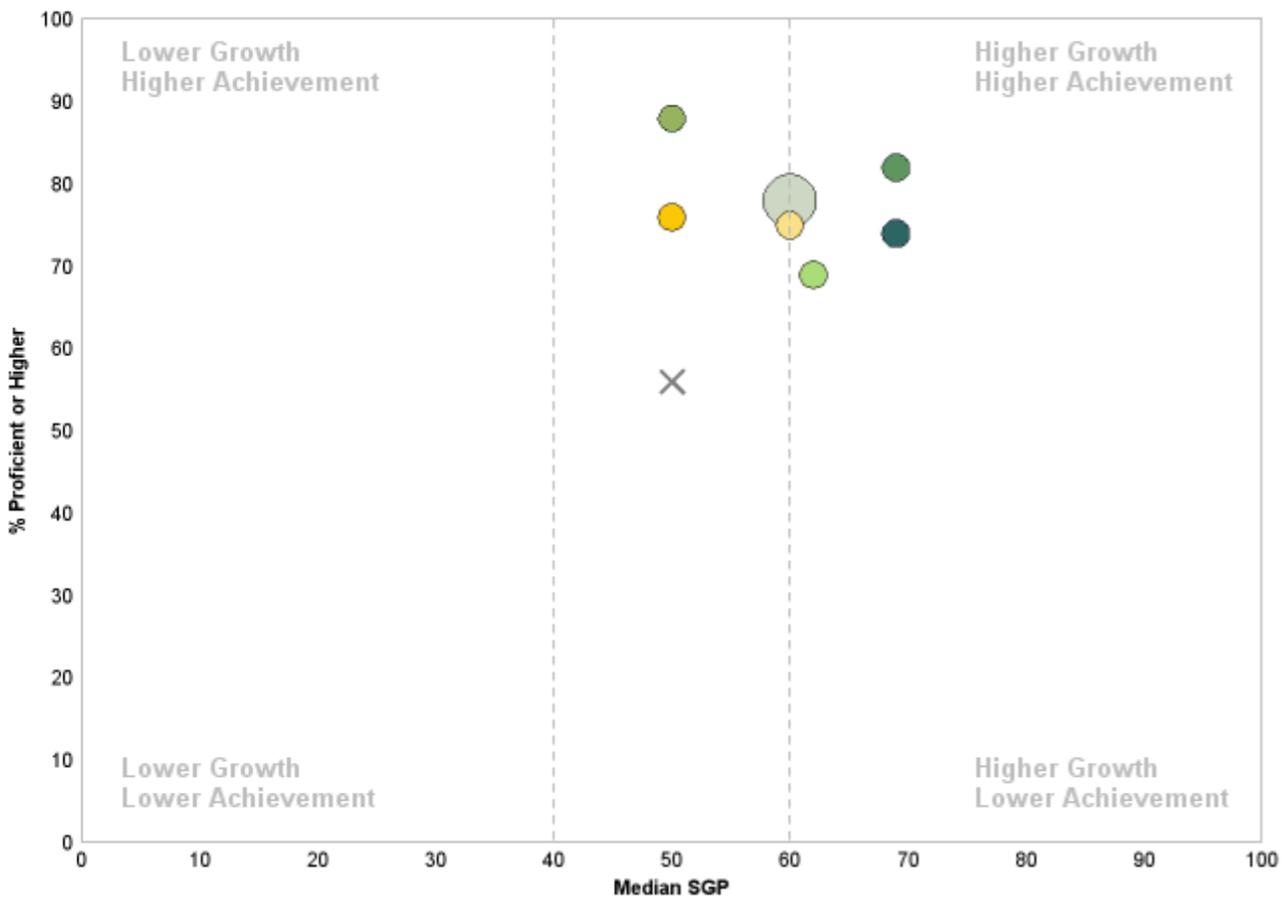
Grade All Grades - All Students



Mathematics MCAS: Weaker Growth

2009

2013



	Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
All Grades	60	2,619	78	3,244
Grade 04	69	468	74	486
Grade 05	50	432	76	454
Grade 06	69	444	82	467
Grade 07	60	428	75	456
Grade 08	62	464	69	492
Grade 10	50	383	88	428

	Median SGP	N Students (SGP)	% Proficient or Higher	N Students (Ach. Level)
All Grades	51	2,652	82	3,308
Grade 04	58	437	78	460
Grade 05	42	489	79	528
Grade 06	57	450	83	474
Grade 07	42	443	75	471
Grade 08	61	452	78	477
Grade 10	55	381	93	423

Median Student Growth Percentiles: Large Drop

Year	2009	2012	2013	5 Year Change 1 Year Change
ELA	64	59	54	-10 -5
Math	60	59	51	-9 -8

What do the results tell us?

- Downgrade from Level 1 to Level 2 is very concerning; achievement gap is widening.
- Overall achievement levels were maintained.
- Student growth weakened considerably.

Results require resources

“Unfortunately, the successes we’ve achieved are not sustainable given the revenues available.... We have been also been deferring key needs and cutting the very resources we need to meet our core mission. If we do not reverse this trend, the quality of education in Shrewsbury will deteriorate, and that would be bad news for us all.”

(From Superintendent’s Corner column in the Shrewsbury School Journal, Spring 2013)

Overall challenge for 2013-2014

- Limit further damage to the quality of education in Shrewsbury, while implementing multiple new mandates, despite significant resource limitations.

State of the District

- We have insufficient resources to meet student needs.
- We are innovating and collaborating to try and cope with increased demands.
- We are concerned that the quality of the education provided to Shrewsbury students is deteriorating.