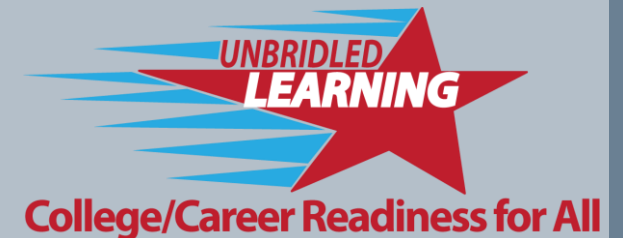# 2015 Assessment and Accountability Update

Kentucky Board of Education
October 6, 2015

2015 Unbridled Learning results became public on October 1 at 12:01 a.m. ET.

www.education.ky.gov
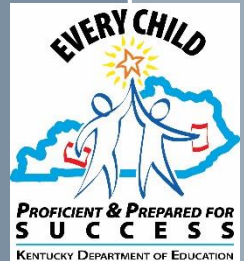
What is in the release?
Assessment Data

› K-PREP (Kentucky Performance Rating for Educational Progress)
- Scores and performance levels (NAPD)
  o Reading (Grades 3-8)
  o Mathematics (Grades 3-8)
  o Science NRT (Grades 4, 7) (NOT included in accountability)
  o Social Studies (Grades 5, 8)
  o Language Mechanics (Grades 4, 6)
  o Writing (Grades 5, 6, 8, 10, 11)

› ACT Explore, ACT Plan, the ACT (Grades 8, 10, 11)
- Scores and benchmarks
- Language Mechanics (ACT Plan, Grade 10)

› End-of-Course
- English II
- Biology
- Algebra II
- U.S. History

› Alternate Assessment

3

What is in the release?

Program Review Data

› Points earned based on the school's evaluation of its program area performance against a rubric with four standards
- Curriculum/instruction
- Formative/summative assessment
- Professional development
- Administrative support

What is in the release?

Accountability Data

› Next-Generation Learners

- Achievement
- Gap
- Growth
- Graduation Rate
- College/career-readiness

› Program Reviews

- Arts/Humanities, Practical Living/Career Studies, Writing, and K-3 Program in elementary, where appropriate

› Accountability Classifications

› Annual Measurable Objective (AMO)

› Participation Rate and Graduation Rate

› Rewards/Assistance
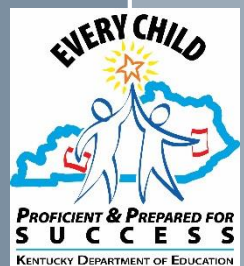
School Report Card

KENTUCKY SCHOOL REPORT CARD

College/Career-Readiness for All

EVERY CHILD
PROFICIENT & PREPARED FOR
S U C C E S S

UNBRIDLED LEARNING

abc 123
REPORT CARDS

DATA SETS

GLOSSARY

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Back To Report Card Search

| Profile | Accountability | Assessment | Program Review | Learning Environment | Finance | Delivery Targets | Career and Technical Educa |

Kentucky
State Membership: 655,581

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Frankfort KY 40601
Phone: (502) 564-3141
Fax: (502) 564-5680

School Year: 2014-15
Commissioner: Kevin Brown

Last Updated Date: 04/10/2015

2014-15 State Board Members

Roger L. Marcum (Chair)		Samuel D. Hinkle (Vice Chair)	
Trevor Bonnstetter	Grayson Boyd	Leo Calderon	Debra L. Cook
David K. Karem	Robert King	Jonathan Parrent	Nawanna B. Privett
William Twyman	Mary G. Wheeler		

Accountability Performance

Level	Year	Overall Score	Percentile in KY	Classification[1]	Rewards and Assistance Categ
State Overall	2014-2015	68.0	81	Proficient	
	2013-2014	67.6	79		

A Continuous Improvement Model

Uses a percentile rank process to set the standard or the cut score for school and district classifications of Needs Improvement, Proficient or Distinguished.

➢ Order the overall scores to locate the overall scores at the 70th, 90th and 95th percentiles.

➢ Lock the percentile/overall score relationships by school levels and district.

➢ Use the locked overall score at the 70th percentile as the standard for Proficient.

➢ Report both the overall score and locked percentile to provide more information.

➢ The original plan called for a 5-year lock after all components enter the model.

70th Percentile = Proficient = Locked Overall Score

90th Percentile = Distinguished = Locked Overall Score

2013 2018

0

100
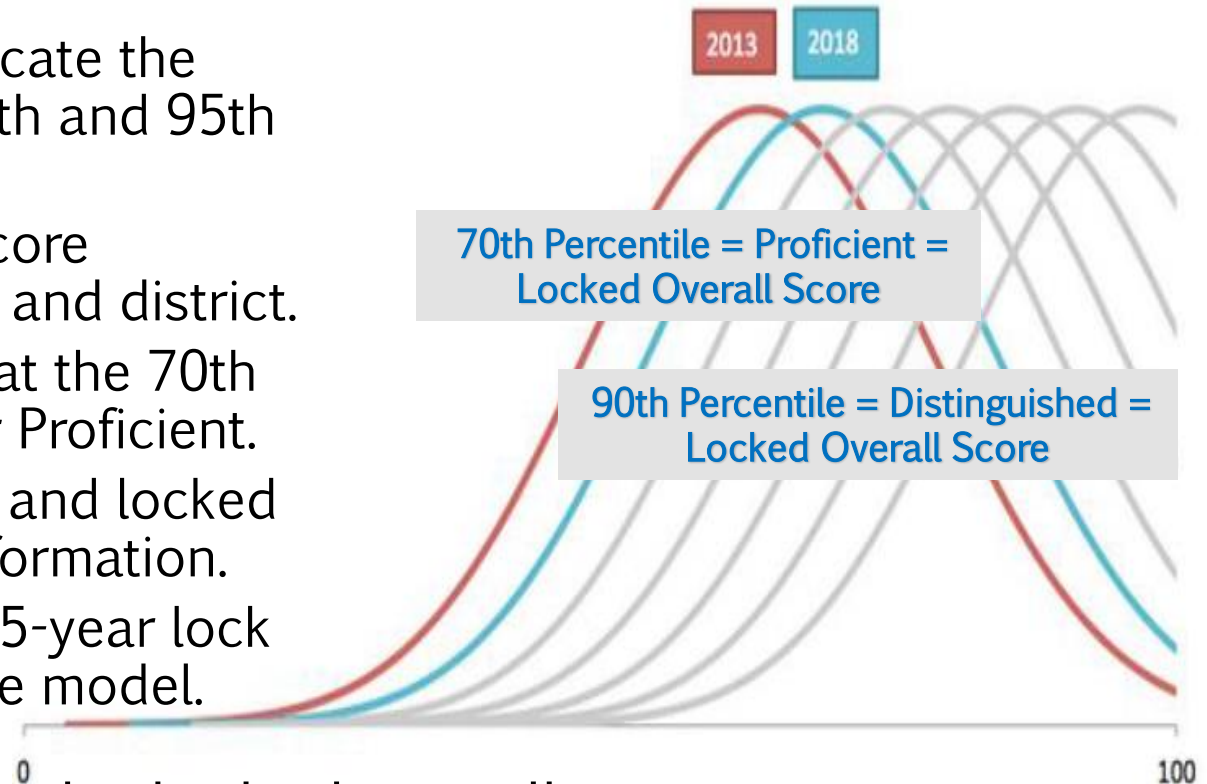
Provides a concrete goal with the locked overall score that is not dependent on how other schools or districts perform.

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Percentiles in Unbridled Learning Reporting

Year 1 2011-12

- Rank current year overall scores to locate the 70th and 90th percentile cut score for needs improvement, proficient and distinguished classifications.
- Lock overall score in Year 1 for use in Year 2.

Year 2 2012-13

- Sept. 2013—Use the locked overall score set in Year 1 to report Learners data and to classify schools and districts.
- Oct. 2013—Release Program Review (PR) classifications for Arts/Humanities, Practical Living/Career Studies and Writing.
- Nov. 2013—Re-norm based on combined (Learners and PR), lock overall score and percentile, and set baselines and Annual Measurable Objective (AMO) goals for fall 2014 reporting.

Year 3 2013-14

- Oct. 2014—Use locked combined overall score from Year 2 (Nov. 2013) to report and classify schools and districts.
- Nov. 2014—Release PR for K-3.
- Jan. 2015—Re-norm after removing science and adding K-3, lock overall score and percentile, and set baselines and AMO goals for fall 2015.
- Mar. 2015—Regenerate work using the November 2013 lock.

Year 4 2014-15

- Oct. 2015—Use locked overall score from Year 2 (Nov. 2013) to classify schools and districts.
- Fall 2015/Early 2016—Incorporate changes to system and generate baselines and goals for fall 2016.

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KENTUCKY DEPARTMENT OF EDUCATION

UNBRIDLED LEARNING

College/Career Readiness for All
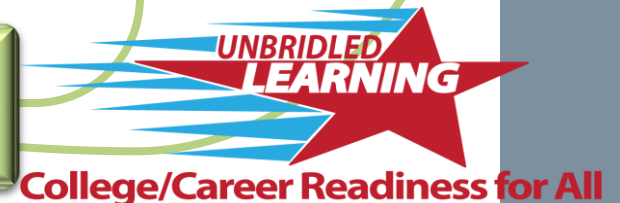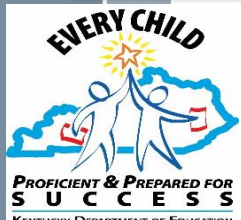
Locked Overall Scores for 2015 Reporting

Percentiles for Combined Overall Score (Learners and Program Reviews) were set, using the 2013 locked overall score, for school levels and district in March 2015 to provide a target for 2015.

Unbridled Learning: College and/or Career-Ready for All				
2015 Locked Overall Accountability Cut Scores				
Type	Level	Proficient	Distinguished[1]	School of Distinction[2]
School	Elementary (ES) Overall Score	67.2	72.8	76
School	Middle (MS) Overall Score	65.8	70.2	72.5
School	High (HS) Overall Score	70.2	75.4	77.7
District	District (AL) Overall Score	66.2	70.5	71.9

[1]A Distinguished School/District can also be considered High Performing, but must also meet its current year AMO, student participation rate and the graduation rate must be above 60. In addition, the school/district cannot be labeled as Priority or Focus.

[2]A School/District of Distinction must also meet its current year AMO, student participation rate and the graduation rate must be above 60. In addition, the school/district cannot be labeled as Priority or Focus.

10
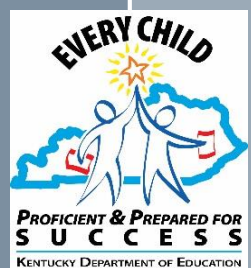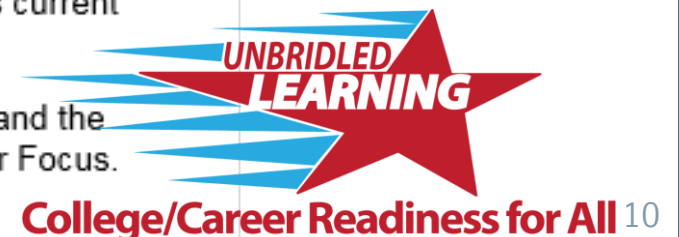
Accountability Performance

Level	Year	Overall Score	Percentile in KY	Classification[1]	Rewards and Assistance Category[2]
State Overall	2014-2015	68.0	81	Proficient	
	2013-2014	67.6	79		

Note in School Report Card:

Percentile in Kentucky compares performance to the locked percentile generated in 2013. The locked percentile creates an overall score target for schools by level and districts to reach Proficient and Distinguished.

To view how the overall scores of schools or districts compare for the current and prior year and their associated rank by level, please visit the Open House section of the KDE website and choose the Accountability tab at: http://openhouse.education.ky.gov/Data.

A	B	C	D	E	F	G	H
Code	District	School	Level	2014 Elementary School Overall Score	2014 Elementary School Overall Score Rank	2015 Elementary School Overall Score	2015 Elementary School Overall Score Rank

Elementary	Middle	High	District

Simple Rank	1-712	1-327	1-228	1-173

Accountability Overview

Program Reviews 23%

Next-Generation Learners 77%
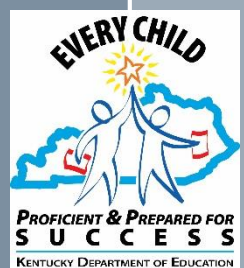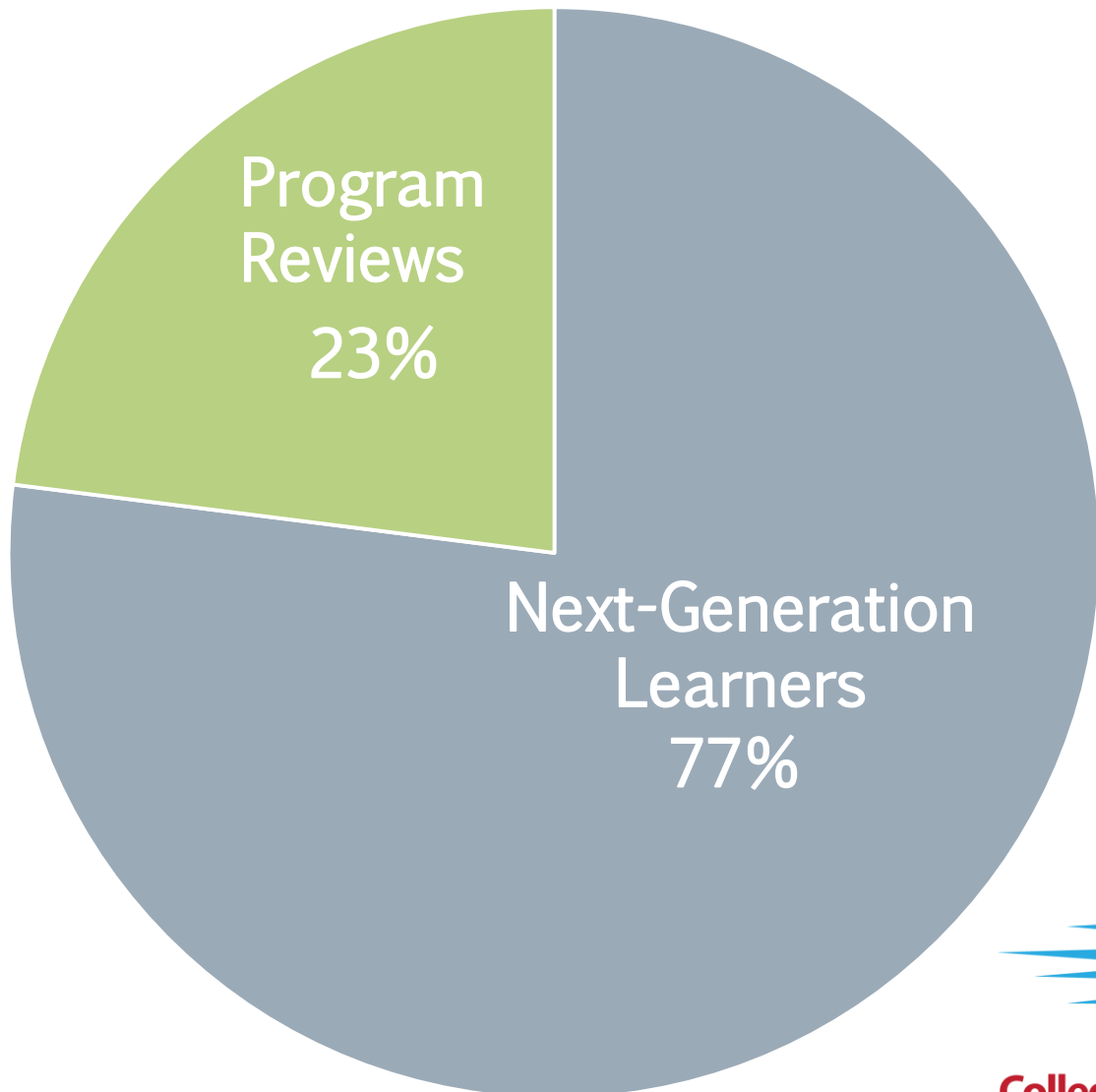
Accountability Overview

Next-Generation Learners

› **Achievement** – Schools earn points based on student performance (Apprentice, Proficient, Distinguished) on contest tests. No points are awarded for Novice.

› **Gap** – Percentage of students in non-duplicated aggregate (African American, Hispanic, American Indian, Limited English proficiency, students in poverty and students with disabilities) scoring Proficient or higher.

› **Growth** – Points awarded for students showing typical or high growth as compared to their academic peers.

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College/career readiness

- *Middle school* – Average percentage of students meeting benchmarks on the ACT Explore administered in grade 8
- *High school* – Points earned based on the percentage of students successfully meeting one or more readiness indicators

College-Ready (1 Point) A student must meet benchmarks on one of the following:	Career-Ready (1 Point) A student must meet benchmarks on one from each of the following columns:		College- & Career-Ready (1.5 Points) A student must meet benchmarks on one from each of the following columns:	
	Career-Ready Academic	Career-Ready Technical	Career-Ready Academic	Career-Ready Technical
ACT or COMPASS or KYOTE	WorkKeys or ASVAB	KOSSA or Industry Certificate	ACT or COMPASS or KYOTE	KOSSA or Industry Certificate

› **Graduation Rate** – Accountability is based on 5-year adjusted cohort rate which is the number of students who graduate with a regular diploma out of the number who started in grade 9 adjusting for students moving in and out.

› Four (4)-year adjusted cohort rate is used to determine whether graduation rate goals are met.

Weights for Next-Generation Learners

Grade Range	Achievement	Gap	Growth	College/Career Readiness	Graduation Rate	Total
Elementary	30	30	40	NA	NA	100
Middle	28	28	28	16	NA	100
High	20	20	20	20	20	100

| Profile | Accountability | Assessment | Program Review | Learning Environment | Finance | Delivery Targets | Career and Technical Education |

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Kentucky
State Membership: 655,581

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| Accountability Profile | Learners | Program Review Accountability |

Next-Generation Learners (NxGL)

Next-Generation Learners is one of three components of Kentucky's accountability system. The component includes multiple measures of student performance on tests and student accomplishments of graduation and readiness for college or career. Reporting is organized into five categories: Achievement, Gap, Growth, College/Career Readiness and Graduation Rate.

Next-Generation Learners	Achievement		Gap		Growth		College and Career Readiness		Graduation Rate		Total
	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Weighted Score Summary
Elementary School	69.2	20.8	42.6	12.8	59.8	23.9					57.5
Middle School	66.8	18.7	38.0	10.6	59.9	16.8	43.9	7.0			53.1
High School	62.4	12.5	36.4	7.3	57.1	11.4	78.9	15.8	88.9	17.8	64.8

| ACHIEVEMENT | GAP | GROWTH | CCR | GRADUATION RATE |

Four-year Adjusted Cohort Graduation Rate
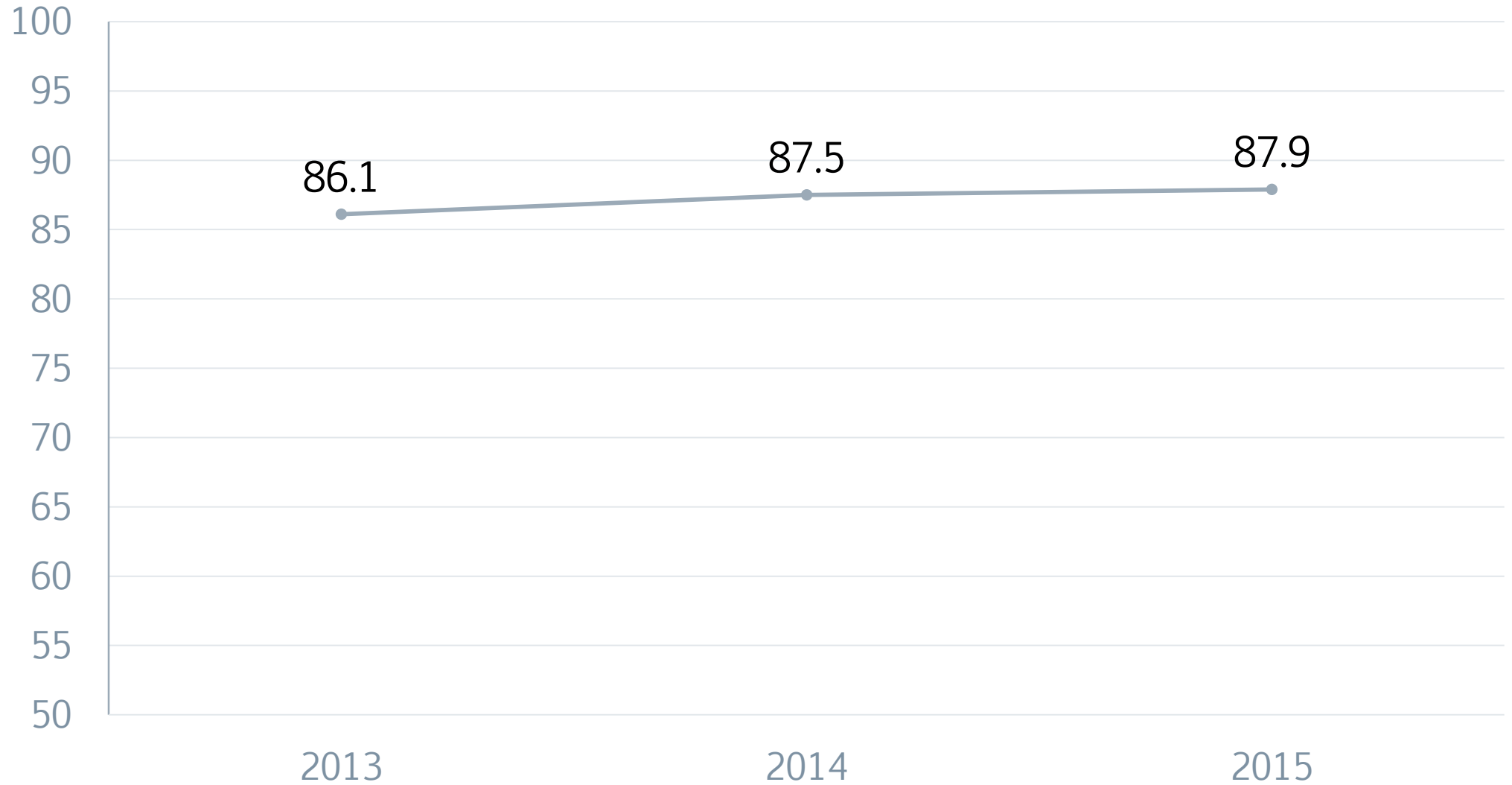
Five-year Adjusted Cohort Graduation Rate
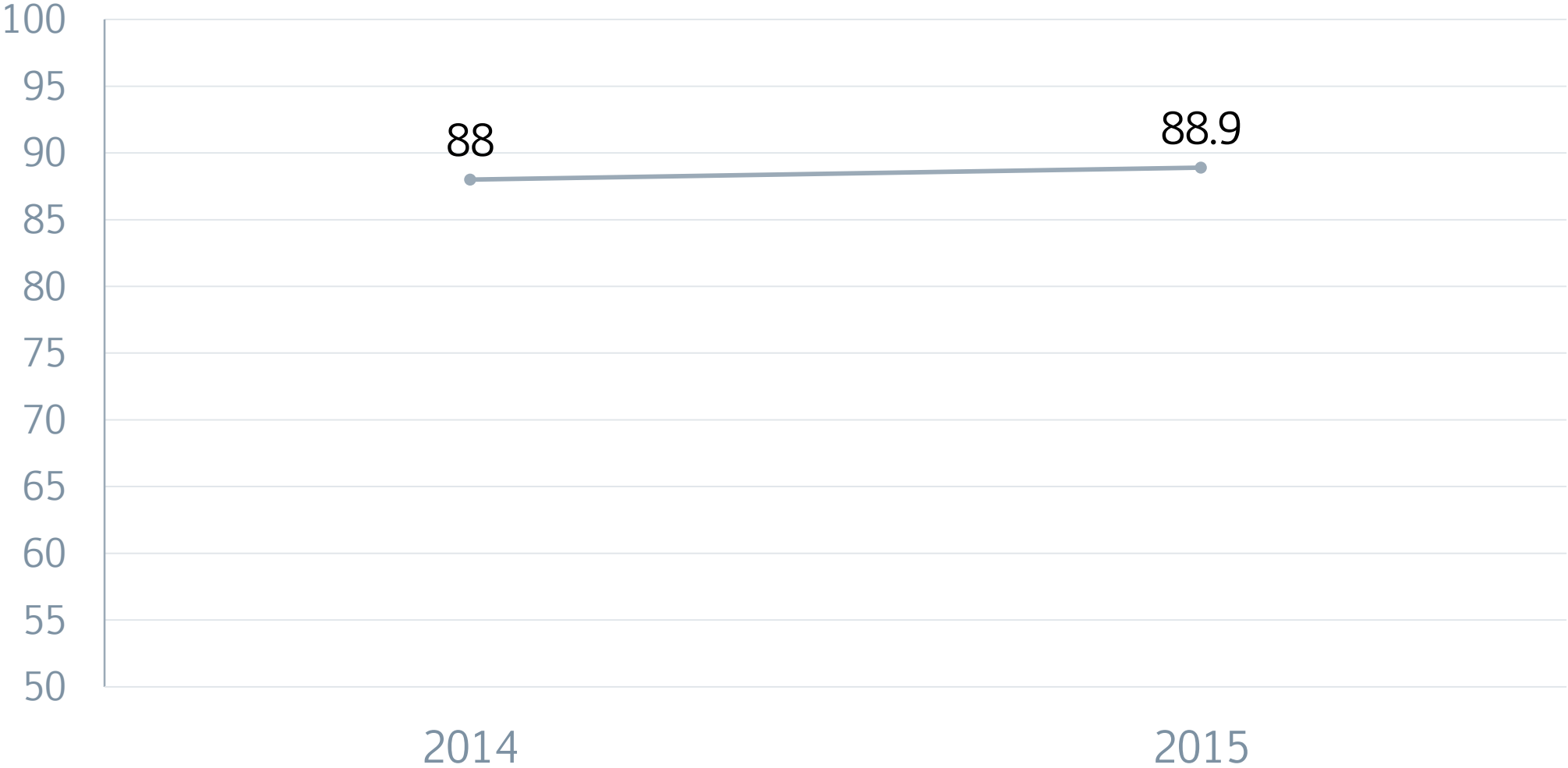
College/Career-Readiness (CCR) Rate

Year	Number of Graduates[1]	College-Ready[2]	Career-Ready[3]	College and Career Non-Duplicated Total Count[4]	Percentage of Graduates[1] (College- and/or Career-Ready	Accountability Points with Bonus[5]
2012	43,121	18,766	3,429	20,366	47.2%	51.9
2013	43,879	21,673	5,158	23,756	54.1%	60.8
2014	43,722	24,322	7,865	27,308	62.5%	72.4
2015	43,942	25,683	9,107	29,332	66.8%	78.9

[1] Number of Graduates and Percentage of Graduates include those who earn a high school diploma or alternate high school diploma
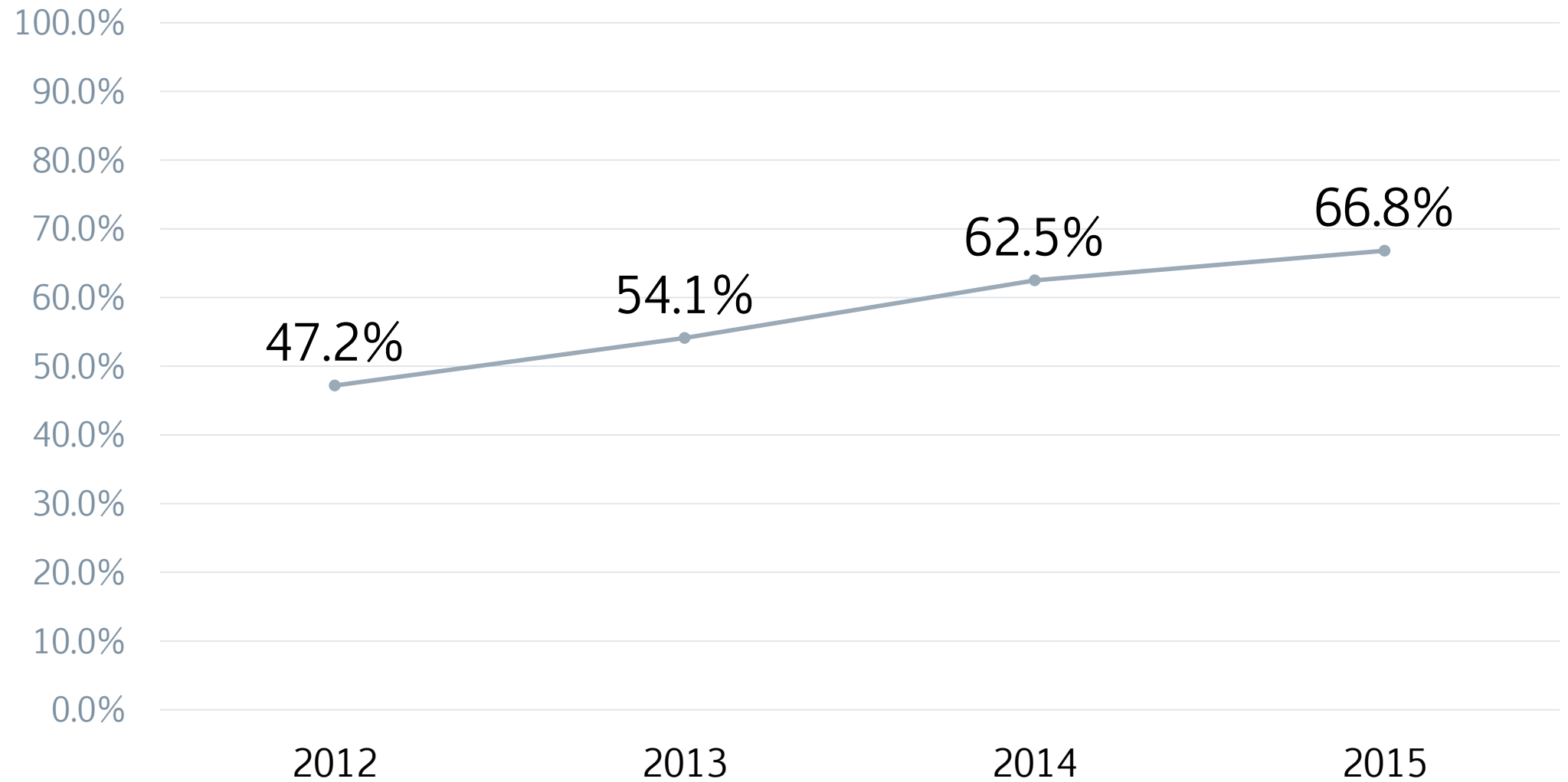
[2] The College-Ready indicator includes graduates who met the Kentucky CPE Systemwide Benchmarks for Reading (20), English (18) and Mathematics (19) on any administration of the ACT. The College Placement Tests indicator includes students who passed a college placement test ACT Compass or Kentucky Online Testing (KYOTE).

[3] The Career-Ready indicator includes graduates who met benchmarks for Career-Ready Academic on Armed Services Vocational Aptitude Battery (ASVAB) or ACT WorkKeys, and Career-Ready Technical on Kentucky Occupational Skills Standards Assessment (KOSSA), or received an Industry-Recognized Career Certificate.

[4] This is not a sum of the college-ready and career-ready columns. This total includes only individual graduates (non-duplicated) who received a high school diploma or alternate high school diploma. Graduates with a diploma could have met both college-ready and career-ready benchmarks. Graduates with an alternate high school diploma must have met the readiness standards on the Alternate K-PREP assessment Transition Attainment Record (TAR).

[5] The Accountability Points with Bonus column is calculated using the percentage of graduates (high school diploma or alternate high school diploma) College- and/or Career-Ready AND a half-point bonus for graduates meeting College-Ready (ACT, ACT Compass or KYOTE) AND Career-Ready Technical (KOSSA or Industry Certificates).

Percentage of Graduates College- and/or Career-Ready

47.2%

54.1%

62.5%

66.8%

100.0%
90.0%
80.0%
70.0%
60.0%
50.0%
40.0%
30.0%
20.0%
10.0%
0.0%

2012　　　　　2013　　　　　2014　　　　　2015

Reading
Proficient/Distinguished Percentages
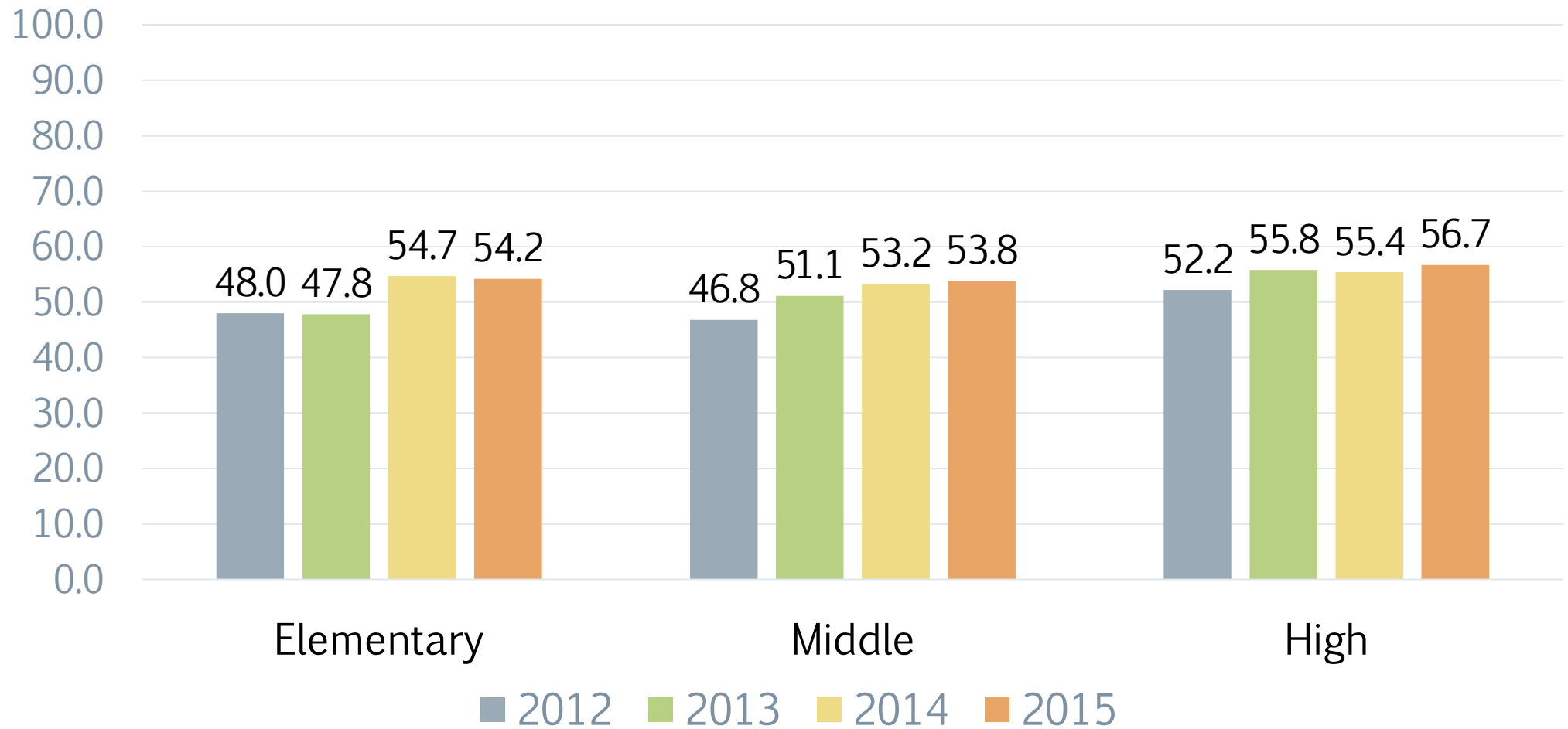
Mathematics
Proficient/Distinguished Percentages

Science
Proficient/Distinguished Percentages

Social Studies
Proficient/Distinguished Percentages

Writing On-Demand
Proficient/Distinguished Percentages
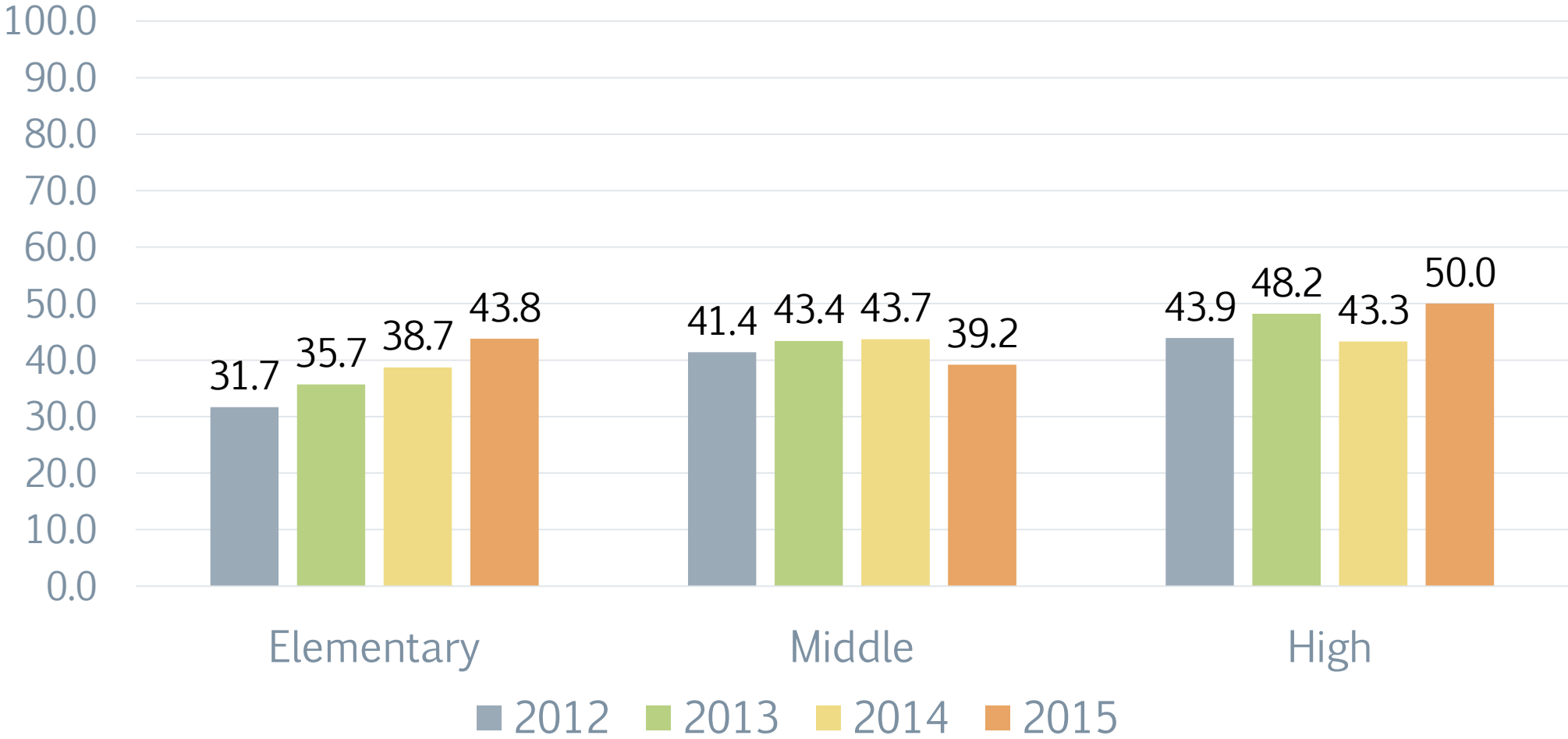
Language Mechanics
Proficient/Distinguished Percentages

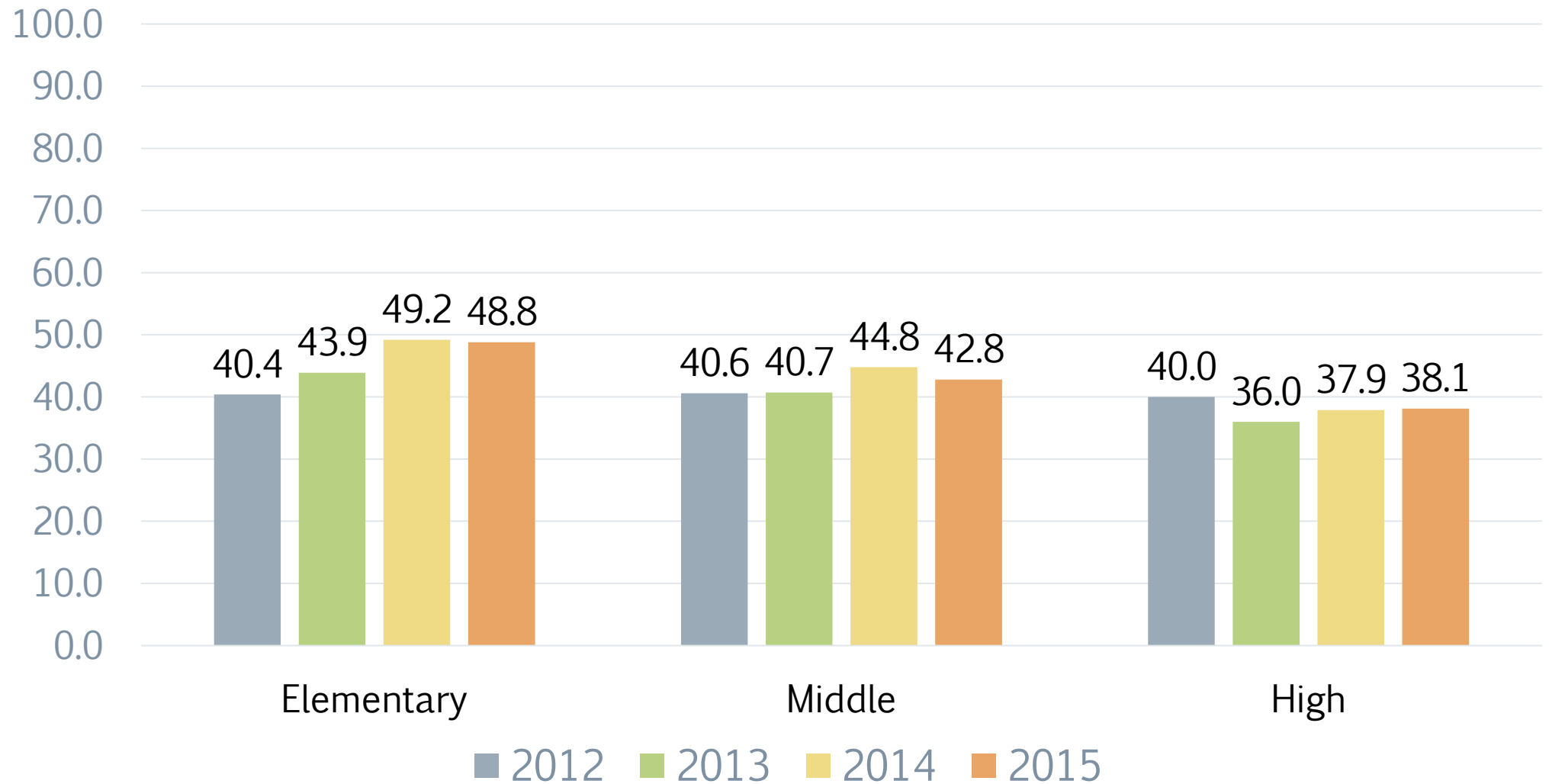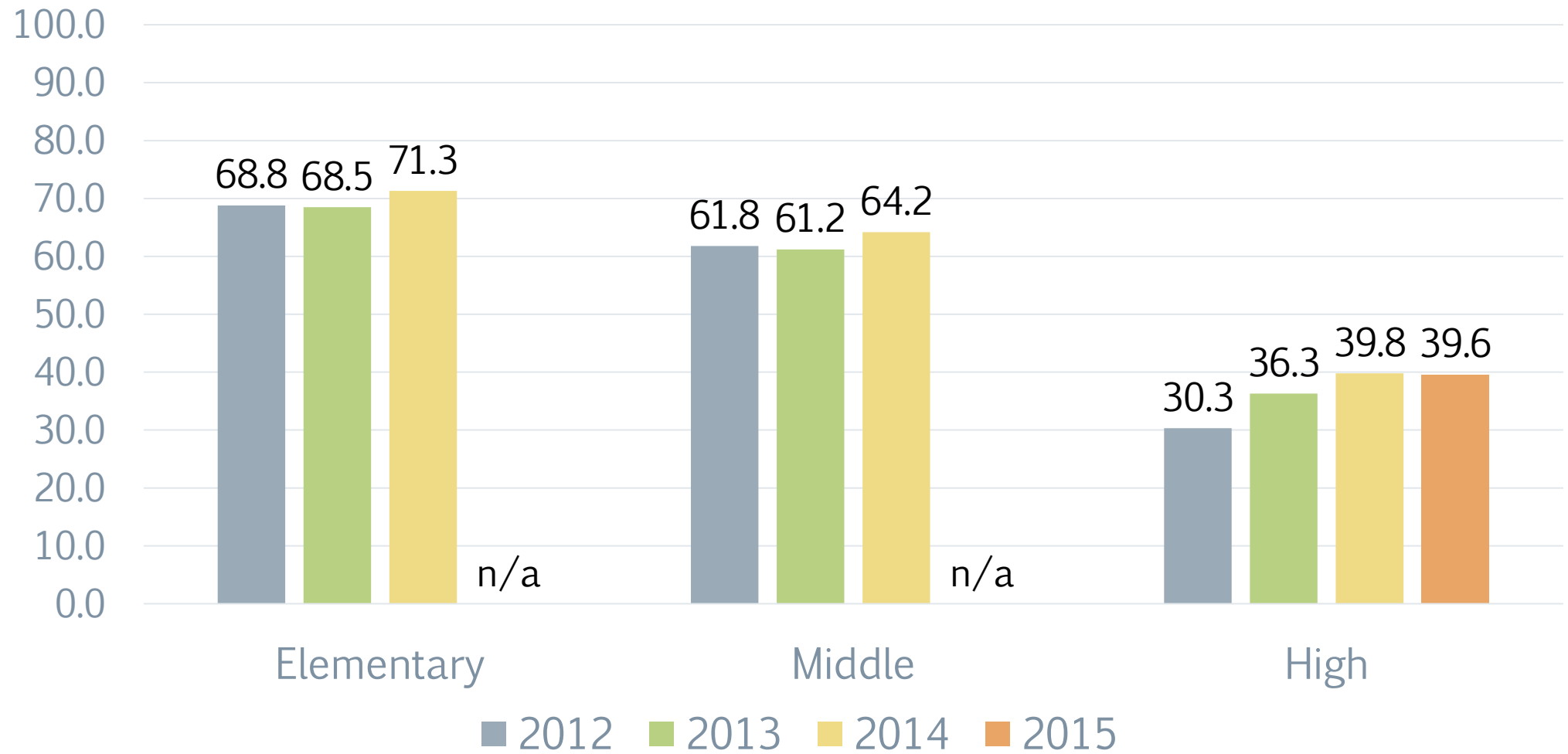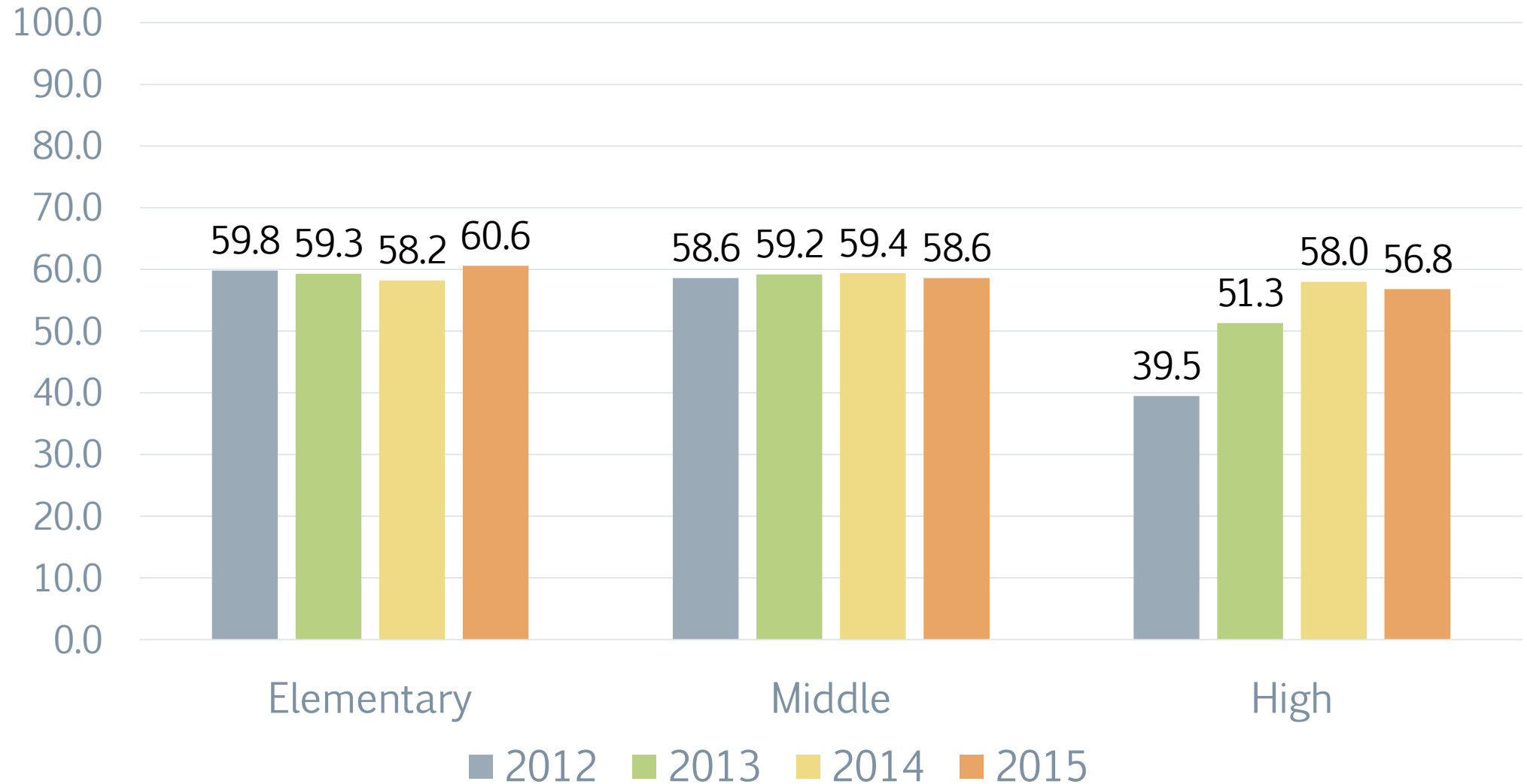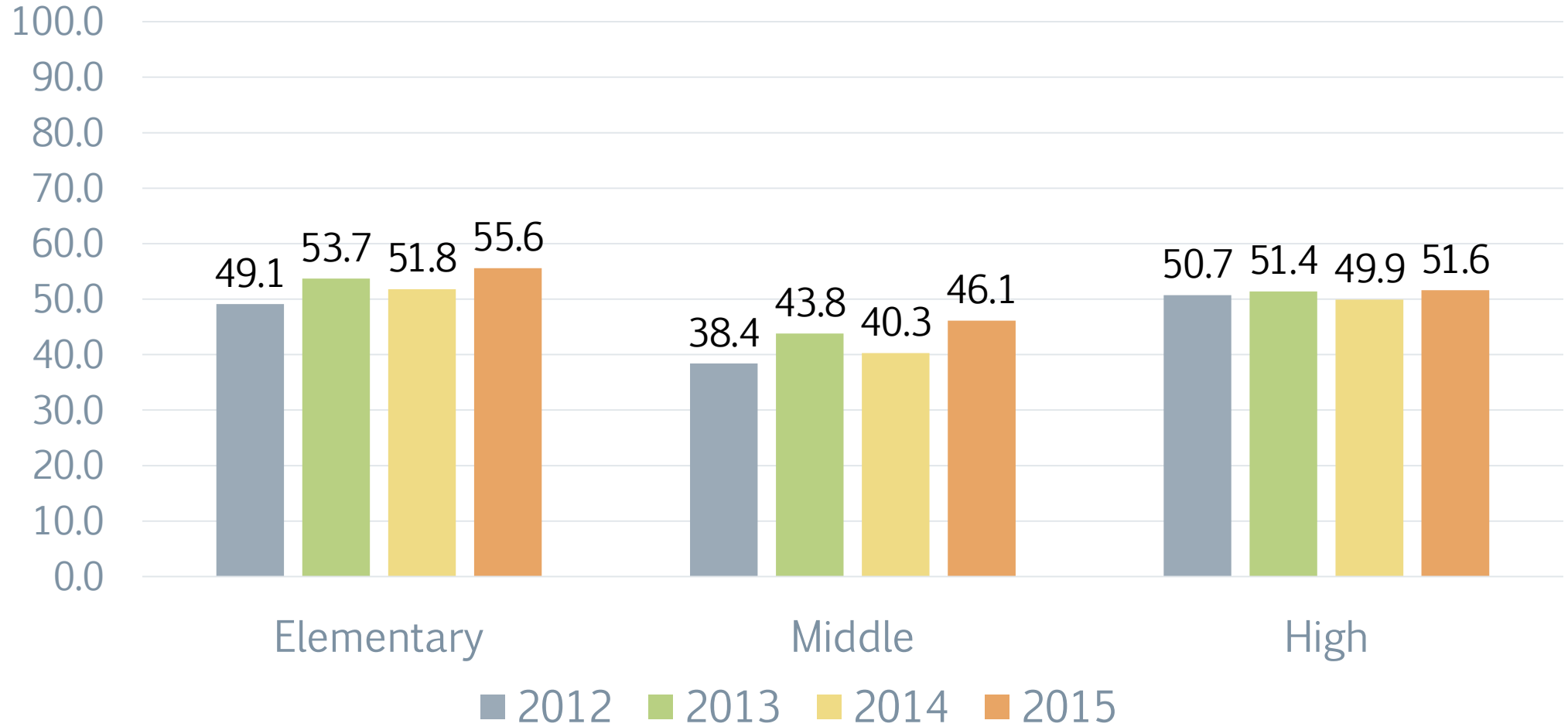## Percentage of Non-Duplicated Gap Group Students Scoring Proficient/Distinguished[1]

	Year	Reading	Mathematics	Science	Social Studies	Writing	Language Mechanics
Elementary	2012	37.5	30.3	59.4	48.9	23.1	38.6
	2013	37.7	33.8	59.5	49.1	27.4	43.0
	2014	45.1	39.1	62.9	47.7	29.7	42.2
	2015	44.5	38.9	n/a[2]	50.4 ⬆	34.5 ⬆	45.6 ⬆
Middle	2012	34.8	28.7	50.1	46.0	30.8	27.6
	2013	39.5	29.0	50.2	47.4	33.5	32.8
	2014	42.2	33.0	53.5	47.5	34.1	29.9
	2015	42.8 ⬆	31.3	n/a[2]	47.2	29.4	35.0 ⬆
High	2012	38.4	27.9	18.5	26.3	31.6	38.6
	2013	42.7	26.3	23.9	38.7	36.1	39.0
	2014	42.3	27.3	27.0	45.6	31.8	37.4
	2015	43.9 ⬆	27.4 ⬆	27.1 ⬆	44.9	38.0 ⬆	38.9 ⬆

[1] Students who are members of one of the individual student groups (African American, Hispanic, American Indian or Alaska Native, students with disabilities, free/reduced-price meals and Limited English Proficiency) are included in the non-duplicated gap group.

[2] Elementary and middle school students were tested with the Science Stanford 10 norm-referenced test only. A performance level is not assigned and scores are not part of accountability.

Percentage of Students Showing Growth[1]			
	2015		
	Reading	Mathematics	Reading and Mathematics Average
Elementary	59.5	59.9	59.8
Middle	59.8	60.0	59.9
High	58.0	56.2	57.1

[1] Includes students that make typical or higher growth annually

Growth Percentages Elementary School
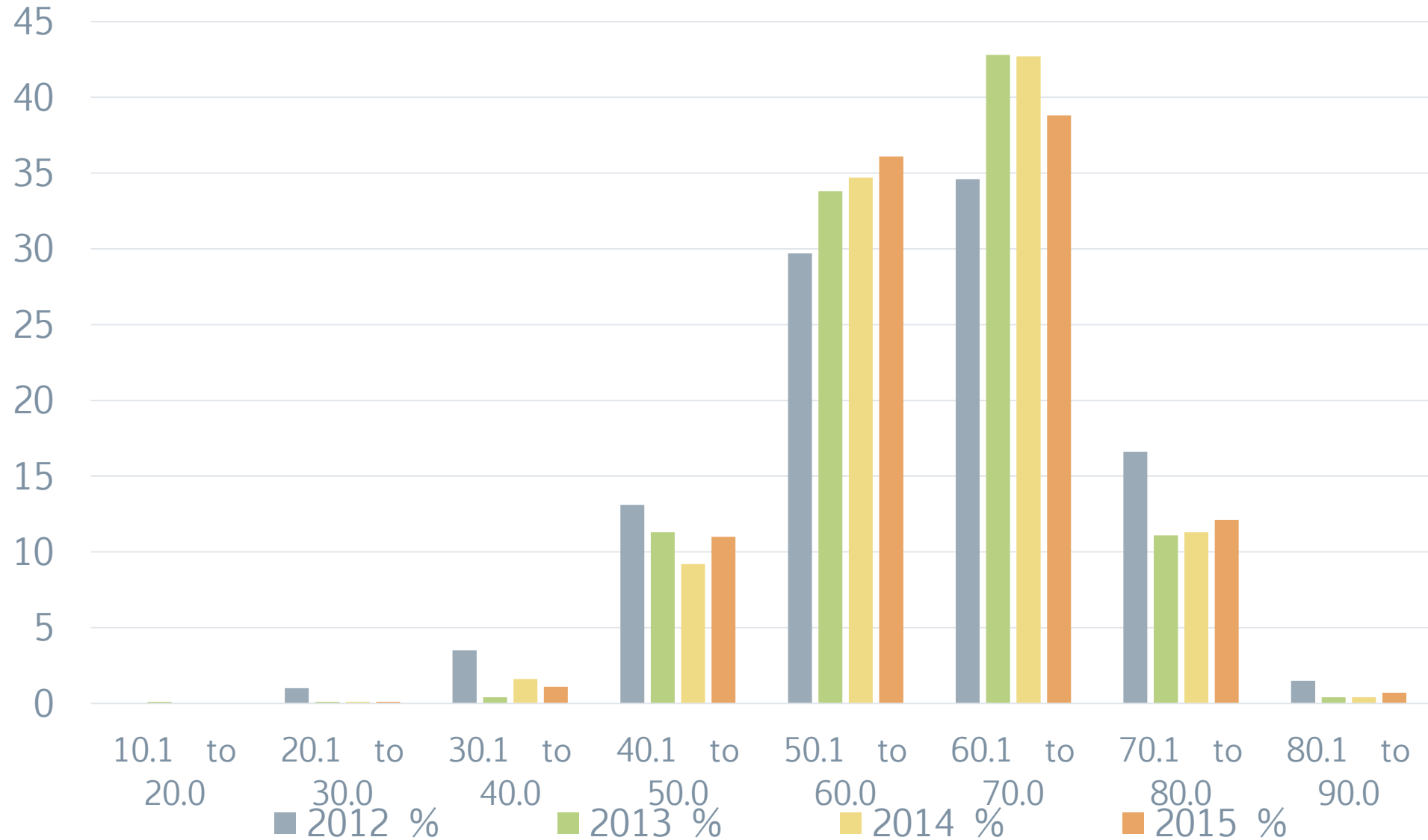
Growth Percentages Middle School
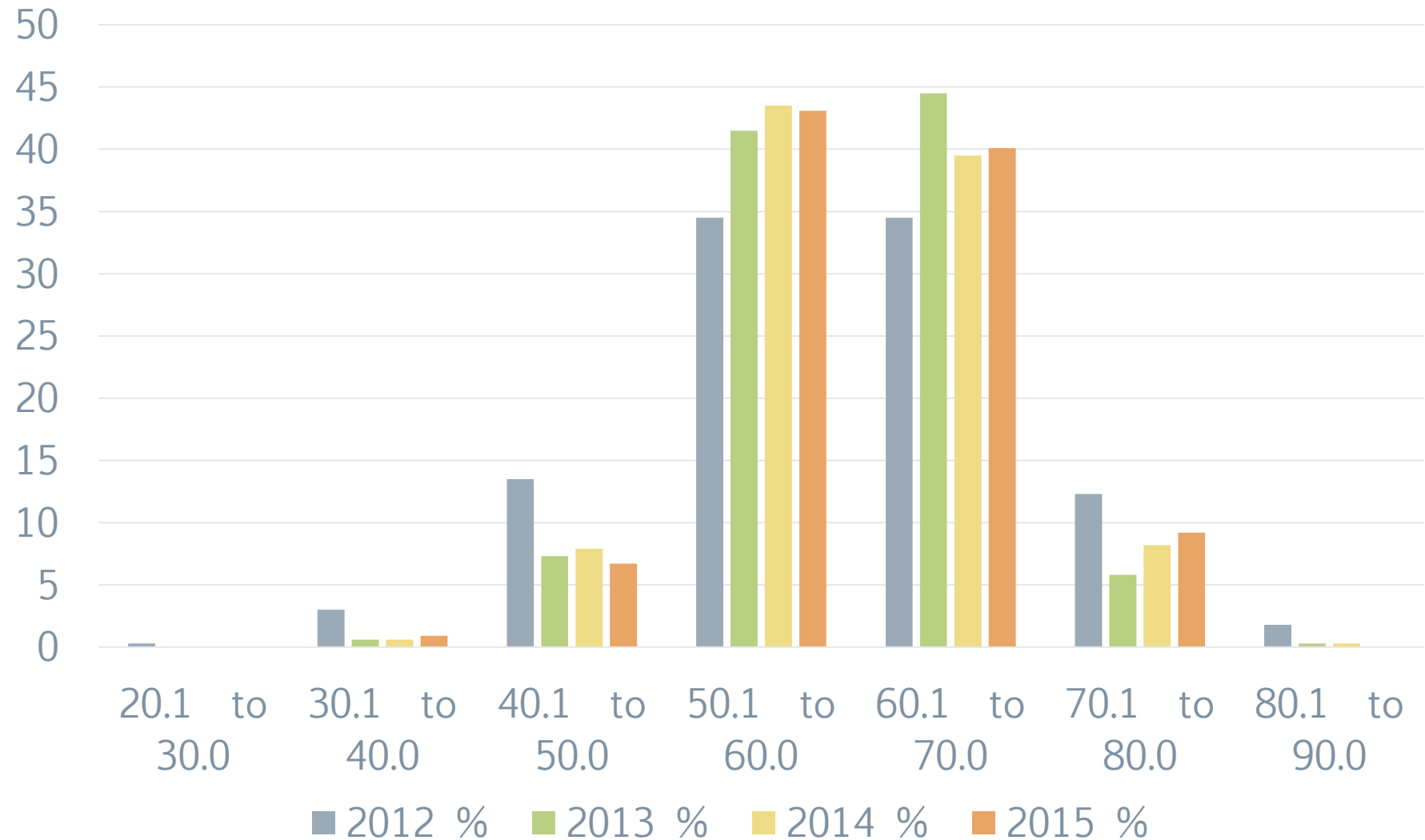
Growth Percentages High School
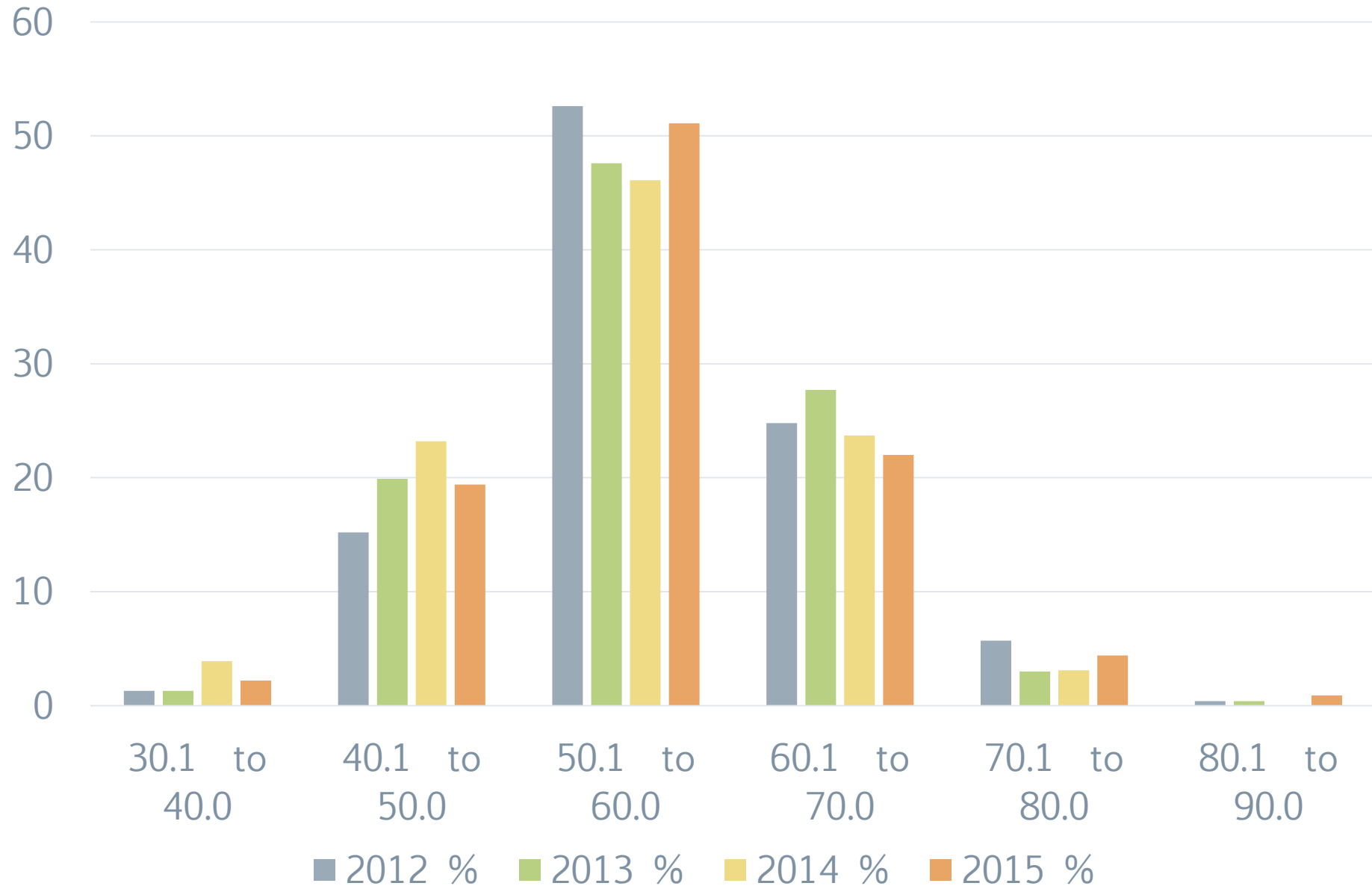
Next-Generation Learner Component Scores[1]

	Year	Achievement	Gap	Growth	College/Career Readiness[2]	Graduation Rate		Total Score[3]
Elementary	2012	69.6	40.5	60.4	n/a	n/a		57.3
	2013	69.9	42.1	59.9	n/a	n/a		57.6
	2014	72.6	45.4	59.8	n/a	n/a		59.3
	2015	**69.2**	**42.6**	**59.8**	**n/a**	**n/a**		**57.5**
Middle	2012	67.4	37.9	60.4	44.1	n/a		53.5
	2013	69.0	39.9	59.9	47.2	n/a		54.9
	2014	70.6	41.9	59.9	47.8	n/a		55.9
	2015	**66.8**	**38.0**	**59.9**	**43.9**	**n/a**		**53.1**
High	2012	56.7	28.9	58.5	51.9	77.8		54.8
	2013	60.7	33.7	57.2	60.8	86.1		59.6
	2014	62.0	35.1	56.3	72.4	88.0		62.8
	2015	**62.4**	**36.4**	**57.1**	**78.9**	**88.9**		**64.8**

[1] These figures represent point totals, rather than percentages.
[2] College/Career-Readiness (CCR) includes the bonus calculation for accountability. The percentage of high school graduates who are college/career-ready for 2015 is 66.8, while the CCR percentage with the bonus is 78.9.
[3] Total Score is calculated using a formula that weights each component.

Program Review Data

› Results from school review and district submission in ASSIST are reported under the Program Review tab of the SRC.
  – Arts and Humanities (A/H)
  – Practical Living/Career Studies (PL/CS)
  – Writing (W)
  – K-3   (Elementary, where appropriate)
  – World Language/Global Competencies (High School Only)
› Program Review results (A/H, PL/CS, W and K-3) are included in 2014-15 Unbridled Learning accountability. Accountability is reported under the Program Review Accountability tab of the SRC.

Program Review Data Release

Calculation Example

		AVERAGE CHARACTER-ISTIC SCORES	PROGRAM REVIEW TOTAL	CATEGORY
ARTS & HUMANITIES	**Curriculum/ Instruction**	1.00		
	Formative/ Summative Assessment	1.00		
	Professional Development	1.00		
	Administrative Support	1.00		
	ARTS & HUMANITIES TOTAL		4.0	Needs Improvement
PRACTICAL LIVING/CAREER STUDIES	**Curriculum/Instruction**	2.00		
	Formative/Summative Assessment	2.00		
	Professional Development	1.90		
	Administrative Support	2.10		
	PRACTICAL LIVING TOTAL		8.0	**Proficient**
WRITING	**Curriculum/Instruction**	1.40		
	Formative/Summative Assessment	1.40		
	Professional Development	1.80		
	Administrative Support	1.40		
	WRITING TOTAL		6.0	Needs Improvement
TOTAL POINTS			18.0	
PERCENTAGE OF POINTS (divide by 24)			75%	

	Year	Arts and Humanities	Practical Living and Career Studies	Writing	K-3
Elementary	2013	6.9	6.7	7.1	n/a
	2014	8.1	8.0	8.2	8.8[1]
	2015	**8.6**	**8.6**	**8.7**	**9.4**
Middle	2013	6.8	6.8	7.0	n/a
	2014	8.1	8.0	8.3	n/a
	2015	**8.7**	**8.6**	**8.7**	**n/a**
High	2013	7.3	7.5	7.0	n/a
	2014	8.3	8.5	8.2	n/a
	2015	**8.9**	**8.9**	**8.7**	**n/a**

Next-Generation Instructional Programs and Support (Program Review)

[1] K-3 baseline year data not included in accountability reporting until 2015.

Accountability Overview

Other considerations

› **Annual Measurable Objective (AMO)** – The annual improvement goal a school or district must meet.

› **Participation Rate** – The number of students tested as compared to those enrolled. In Kentucky, schools must test all students, but they are only accountable for those students enrolled 100 days or more. Participation rate is NOT reflective of students who may have opted out of testing.

› **Graduation Rate –** 4-year adjusted cohort rate used to determine whether a school met its graduation rate goals.

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Kentucky
State Membership: 655,581

School Year: 2014-15
Commissioner: Kevin Brown

| Accountability Profile | Learners | Program Review Accountability |

Accountability Profile

The Accountability Profile summarizes the status of a school or district in the state accountability system, Unbridled Learning: College- and Career-Ready for All. The Overall Score is used to compare and rank school and district performance and to calculate an AMO improvement goal. An accountability classification based on the percentile rank, rewards or assistance category, participation rate and graduation rate are also displayed. Accountability is based on students enrolled a full academic year (100 days).

Last Updated Date: 09/23/2015

Accountability Performance

Level	Year	Overall Score	Percentile in Kentucky	Classification[1]	Rewards and Assistance Category[2]
State Overall	2014-2015	68.0	81	Proficient	
	2013-2014	67.6	79		

Annual Measurable Objective (AMO)

Level	Year	Prior Year Overall Score	AMO Goal	Overall Score	Met AMO Goal	Met Participation Rate Goal	Met Graduation Rate Goal
State Overall	2014-2015	67.6	68.1	68.0	No	Yes	No

Participation Rate
Goal 95
Actual 99.5

Graduation Rate
Goal 88.7
Actual 4-Year 87.9

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Accountability Classification and Labels

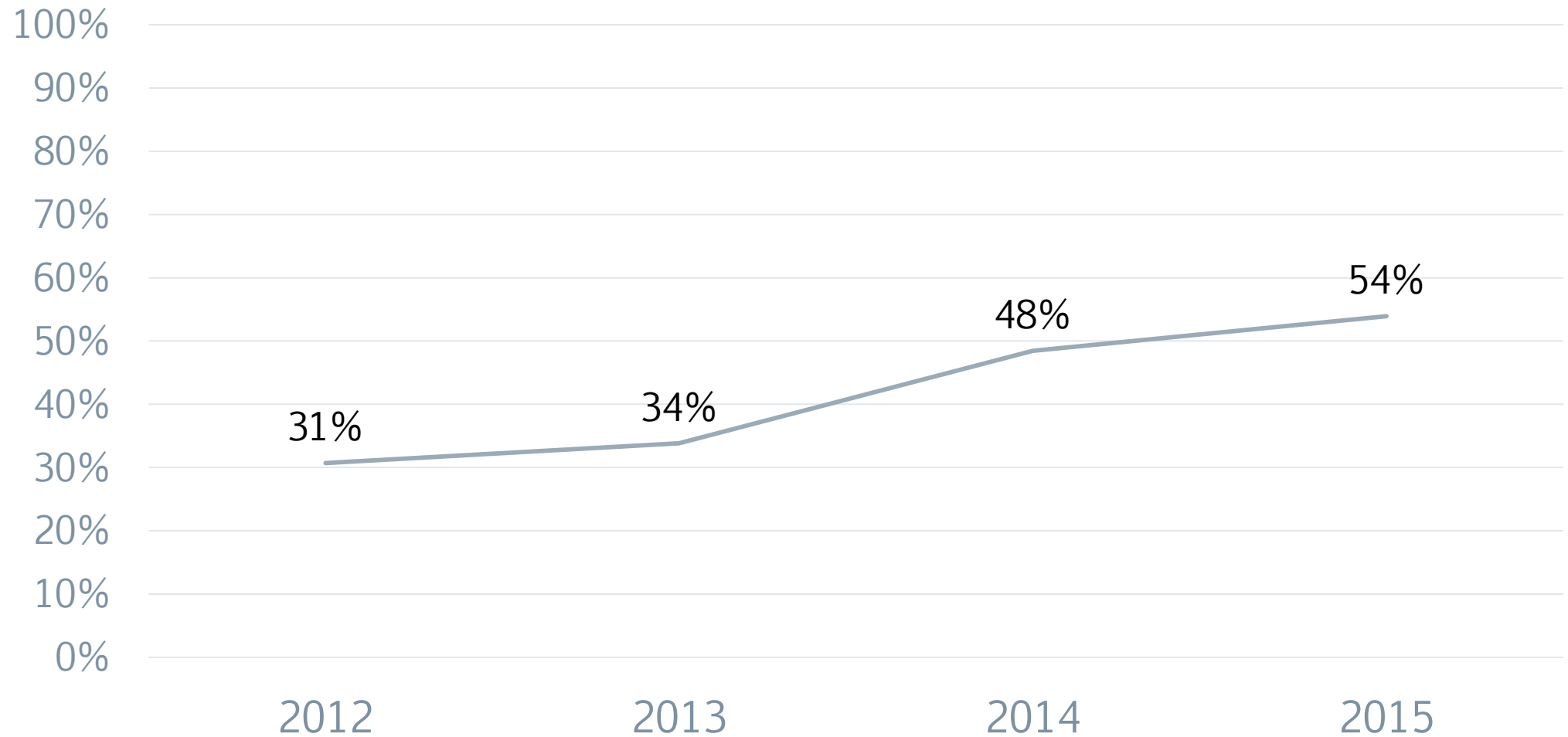## Classifications

› Distinguished
(Above 90th Percentile)
355 schools, 47 districts

› Proficient
(At or above 70th Percentile)
349 schools, 73 districts

› Needs Improvement
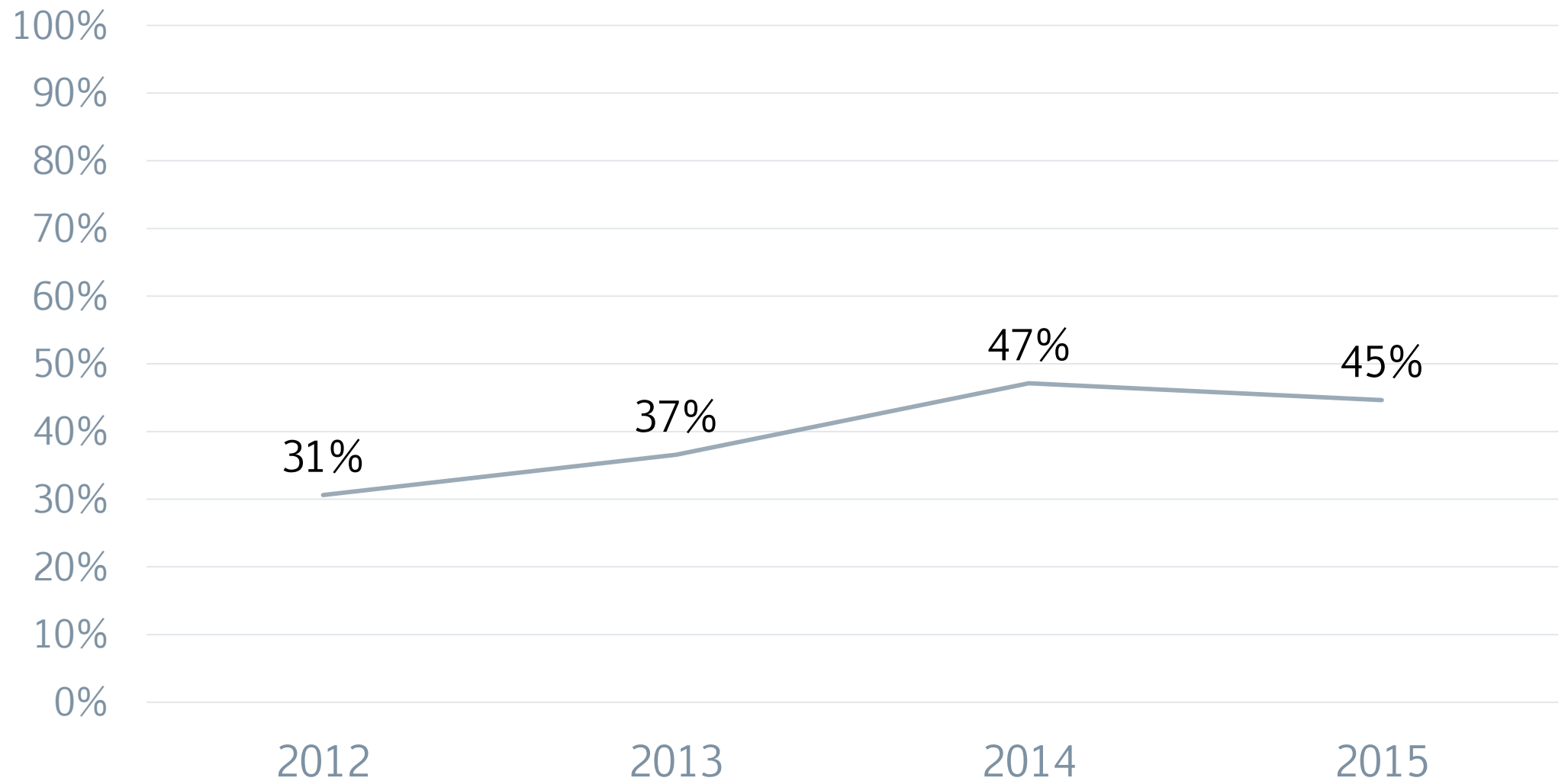(Below 70th Percentile)
563 schools, 53 districts

Labels

› Progressing
579 schools, 35 districts

- Met Annual Measurable Objective goal
  o Proficient and above: .5 gain in overall score
  o Below proficient: 1.0 gain in overall score

- Graduation rate goal (4-year adjusted cohort rate)

- Participation rate (95%)

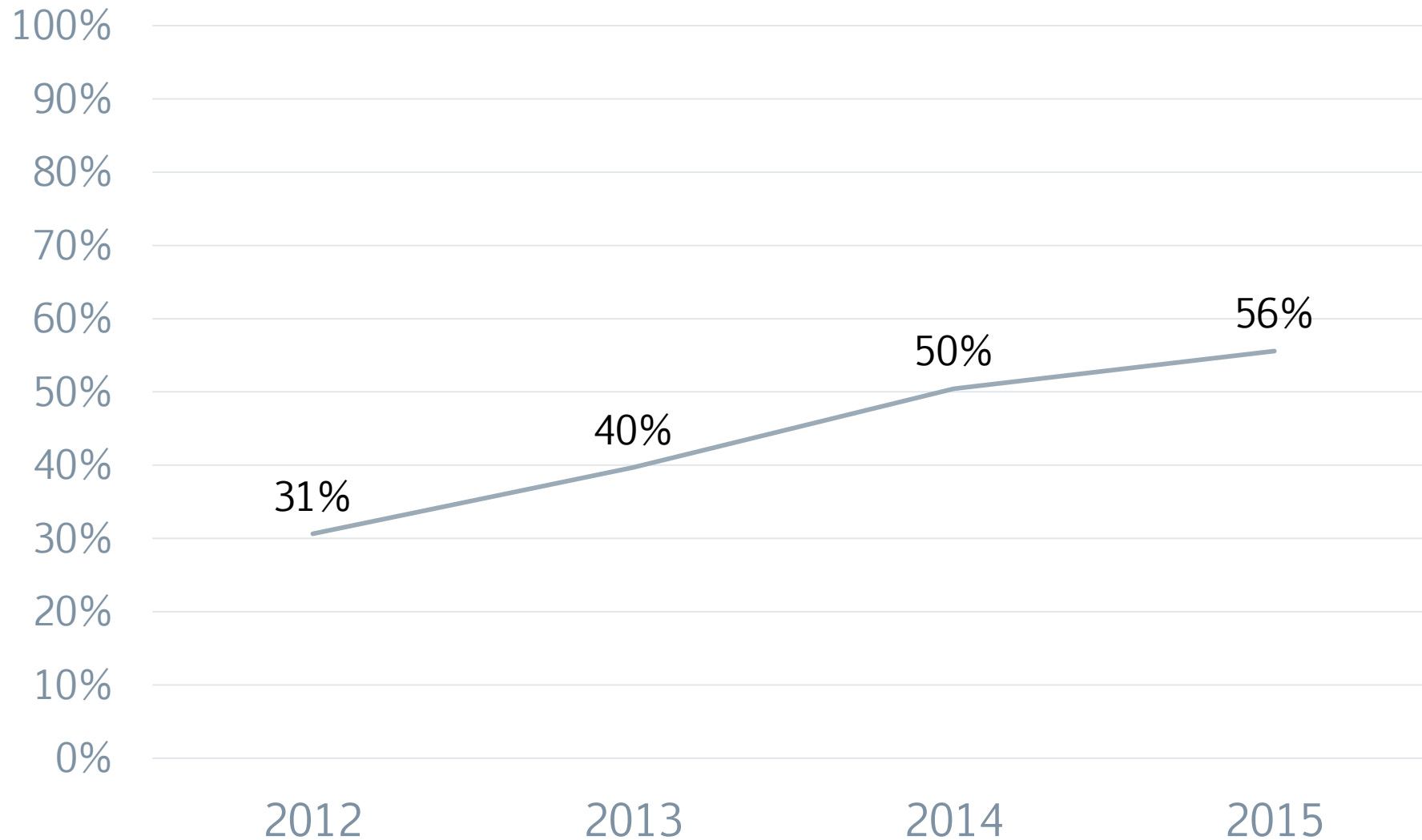# Percent of Proficient/Distinguished Schools - Elementary

Line chart showing percent of proficient/distinguished elementary schools from 2012 to 2015.

- 2012: 31%
- 2013: 34%
- 2014: 48%
- 2015: 54%

Percent of Proficient/Distinguished Schools - Middle

31%
37%
47%
45%

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

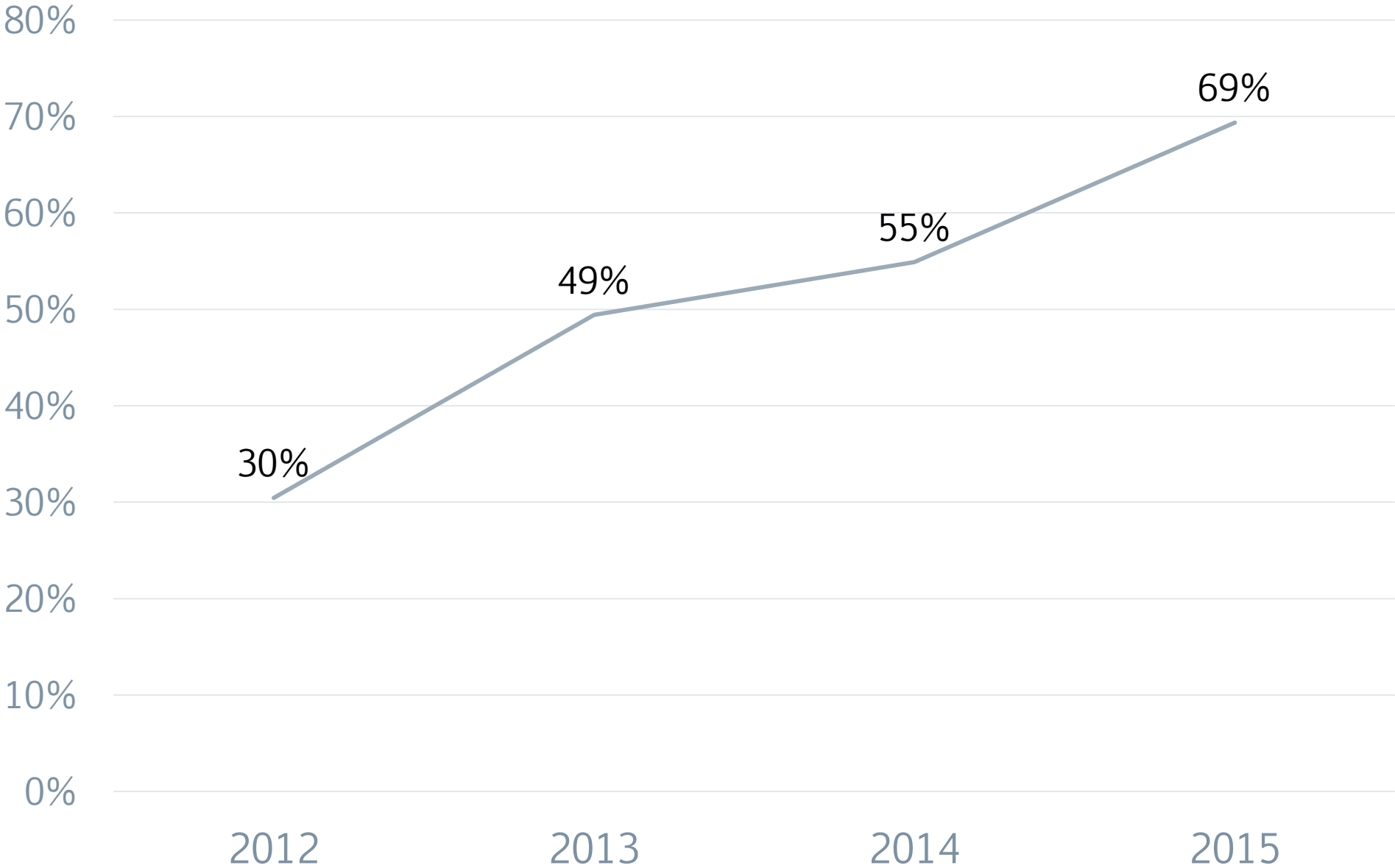2012   2013   2014   2015

Percent of Proficient/Distinguished Schools - High
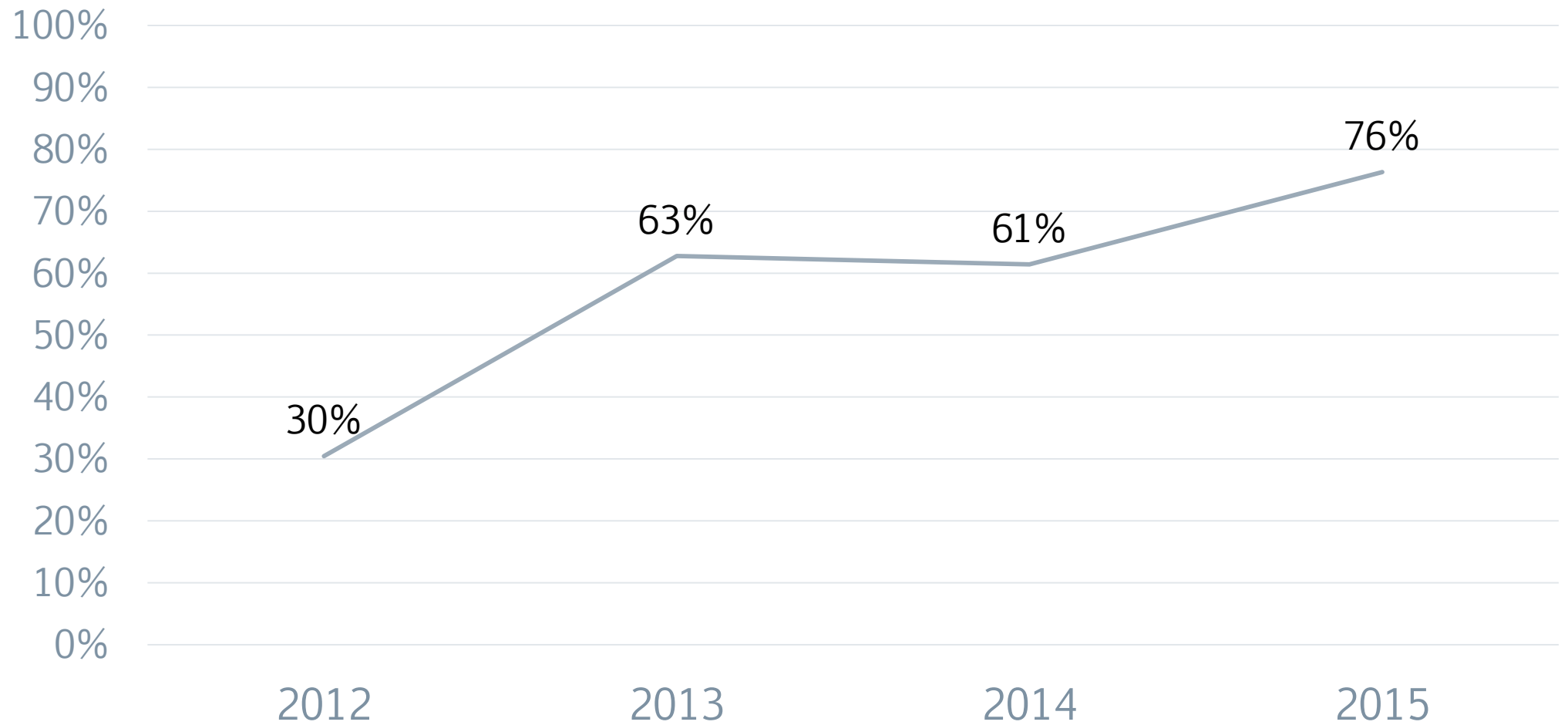
Percent of Proficient/Distinguished Schools - All Levels

Percent of Proficient/Distinguished Districts

Accountability Rewards Categories

› **School of Distinction (124 schools, 2 districts)**

- School in the 95th percentile or above that meets AMO, graduation rate goal (4-year cohort), participation rate goal and has a graduation rate above 60% for 2 years

› **High-Performing School (65 schools, 5 districts)**

- School in 90th percentile or above that meets AMO, graduation rate goal (4-year cohort) and participation rate goal

› **High-Progress (128 schools, 17 districts)**

- Top 10% of improvement, meets AMO, graduation rate goal (4-year cohort) and participation rate (95%)
- Any other school label can also carry High-Progress label.

Accountability Assistance Categories

› **Priority (10 schools exit, 3 schools enter, 29 total)**
- Schools will be exiting and entering priority status
- Two Distinguished schools are reported as Priority School (Monitoring Only)

› **Focus (284 schools, 17 districts)**
- New focus schools will be added to replace schools that exit
  - Lowest 10% in non-duplicated gap group or individual student group below third standard deviation or below 60% graduation rate for 2 years

› **New focus districts identified**
- Lowest 10% in overall gap group only