

# Proven Provider Analysis Summary

## **Proven Provider Context:**

Charter school boards of trustees must be granted Proven Provider status when requesting to increase the maximum enrollment of an existing Commonwealth charter school if the sending region includes district(s) that have performed in the lowest 10 percent statewide for two consecutive previous years on the MCAS and where the 9 percent net school spending cap has been, or would be exceeded.

In order to determine if a current board of trustees qualifies for Proven Provider status, the Commissioner will consider affirmative, credible evidence of the existing school's success in each of the three accountability areas: academic program success, organizational viability, and faithfulness to the terms of its charter. Pursuant to 603 CMR 1.04(4)(b), applicants for Proven Provider status must demonstrate success in student academic performance and evidence of overall academic program success, including, but not limited to:

- proficiency levels and growth measures on the MCAS or equivalent assessments for all students and for one or more targeted subgroups as defined in M.G.L. c. 71, § 89(i)(3), which are similar to statewide averages in English Language Arts and mathematics for all students in Massachusetts in comparable grades, over no less than a three-year period for cohorts of students; and
- attendance, retention, attrition, in-school suspension rates, out-of-school suspension rates, and if applicable, graduation and dropout data.

## **Proven Provider Analysis Graphs:**

The graphs of student achievement data provide comparison performance percentages for all students and three different subgroups of students: low income, students with disabilities, and English language learners. Each line on the graph represents the student proficiency levels and growth measures levels on the MCAS English Language Arts and mathematics tests for a given school or set of schools during the most recent five years. The state and district averages in the following graphs do not represent the overall average of the state or relevant district. The Department calculates state and district averages for comparable grades by identifying and averaging the specific grades implemented by the charter school of interest during each relevant year. If available, data listed is displayed longitudinally across multiple years in line graph form, with:

- a solid bold black line representing the charter school of interest;
- a dotted green line for the statewide average for comparable grades ;
- a dotted blue line for the comparison district average for comparable grades;
- a dotted orange line for the median performance percentage of all comparison schools ;
- a dotted dark orange line for the first quartile performance percentage of all comparison schools; and
- solid gray lines for enrollment percentage in each individual comparison school (darker gray for charter schools, and lighter gray for district schools).

## **Definitions:**

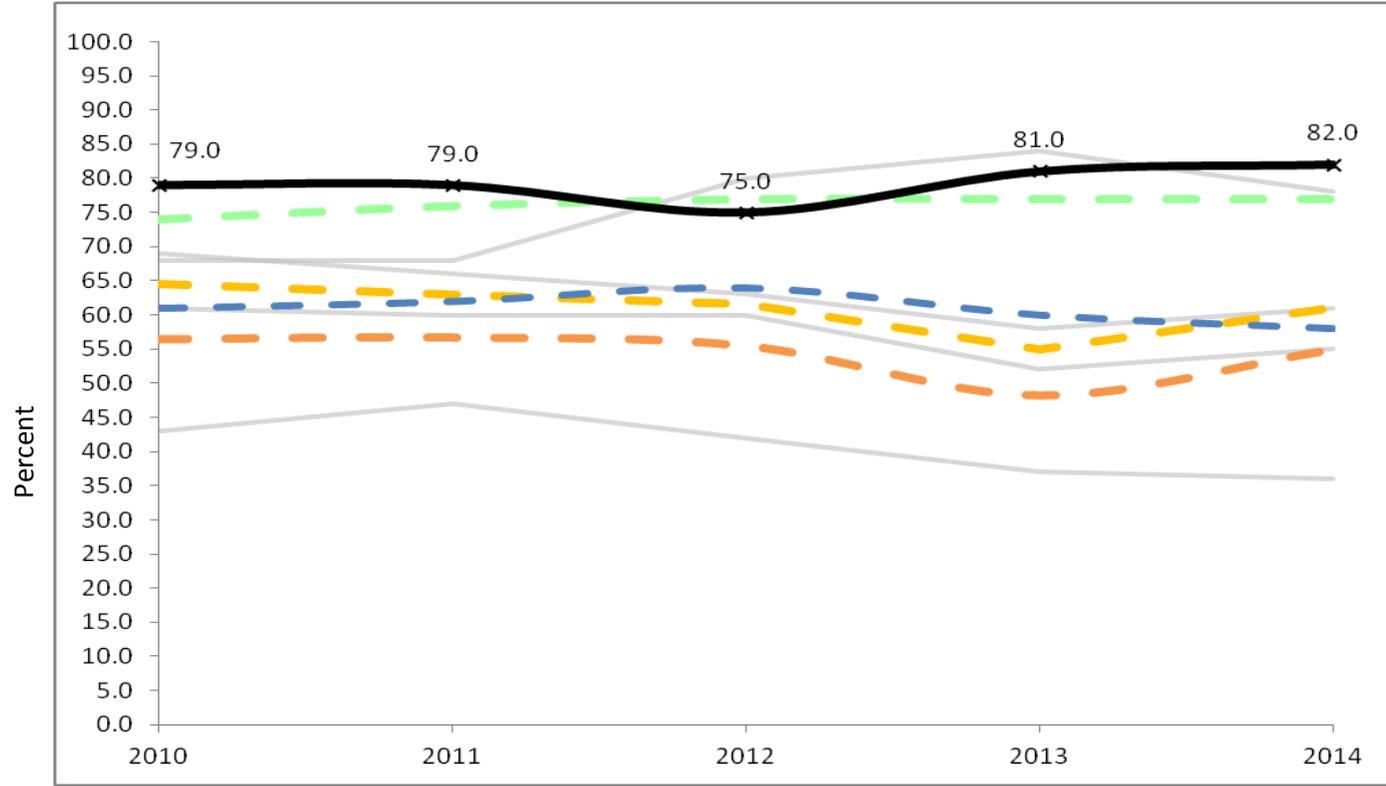
- Comparable grades refers to the grades served by the charter school during each year under review.
- The midpoint value of all comparison schools. This is derived using Microsoft Excel's MEDIAN function.
- The set of displayed comparison schools includes the charter school of interest, and all of the public schools in the charter school's region that serve at least one grade level of students which overlaps with the grade levels served by the charter school.

603 CMR 1.04(4)(b) can be found at: <http://www.doe.mass.edu/lawsregs/603cmr1.html?section=04>.

M.G.L. c. 71, § 89(i)(3) can be found at: <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXII/Chapter71/Section89>

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - ELA - All



#### MCAS - English Language Arts % Proficient/Advanced All Students

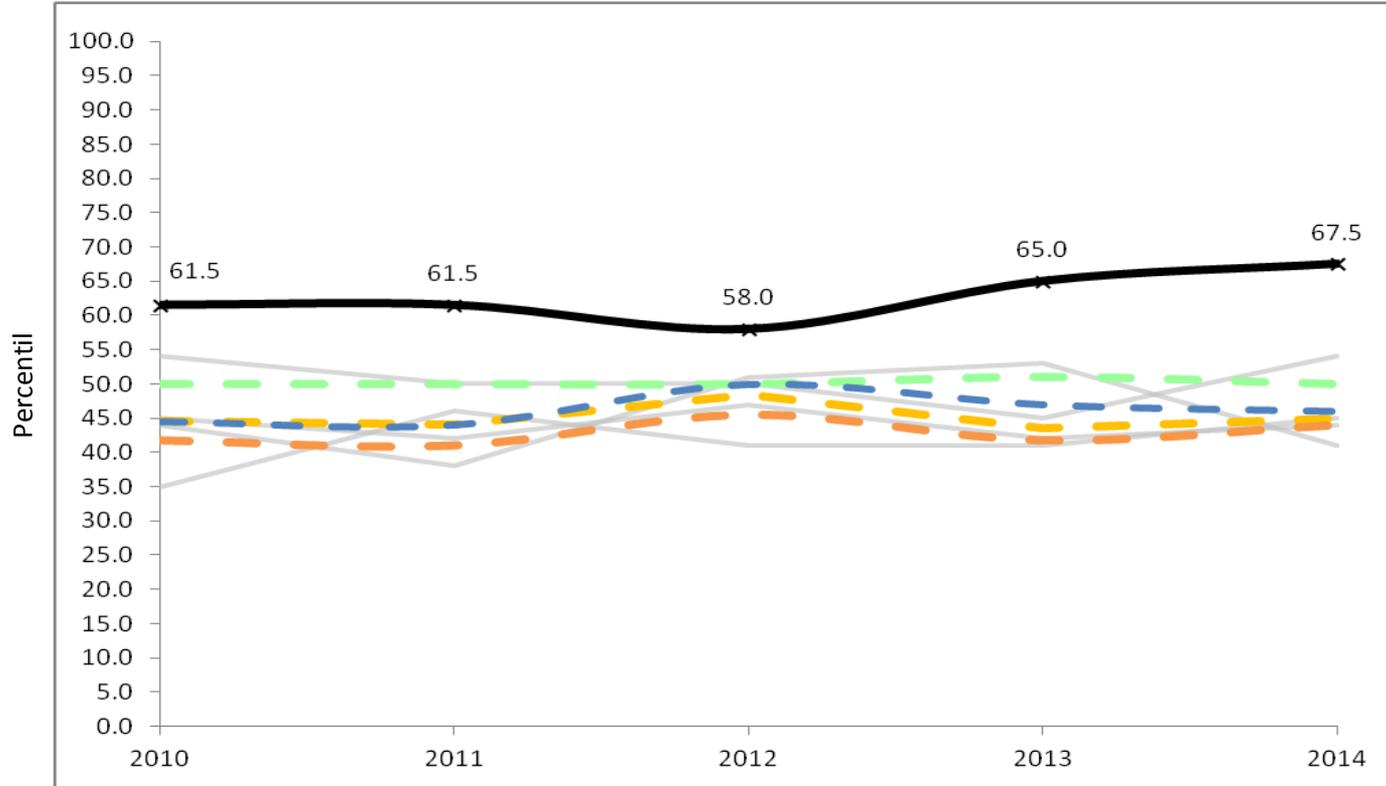
	2010	2011	2012	2013	2014
Charter School	79.0	79.0	75.0	81.0	82.0
Statewide Average*	74.0	76.0	77.0	77.0	77.0
Salem (District)*	61.0	62.0	64.0	60.0	58.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	64.5	63.0	61.5	55.0	61.0
First Quartile	56.5	56.8	55.5	48.3	55.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    - - - Comp. District Schools

MCAS - ELA SGP - All



#### MCAS - English Language Arts Student Growth Percentile (SGP) All Students

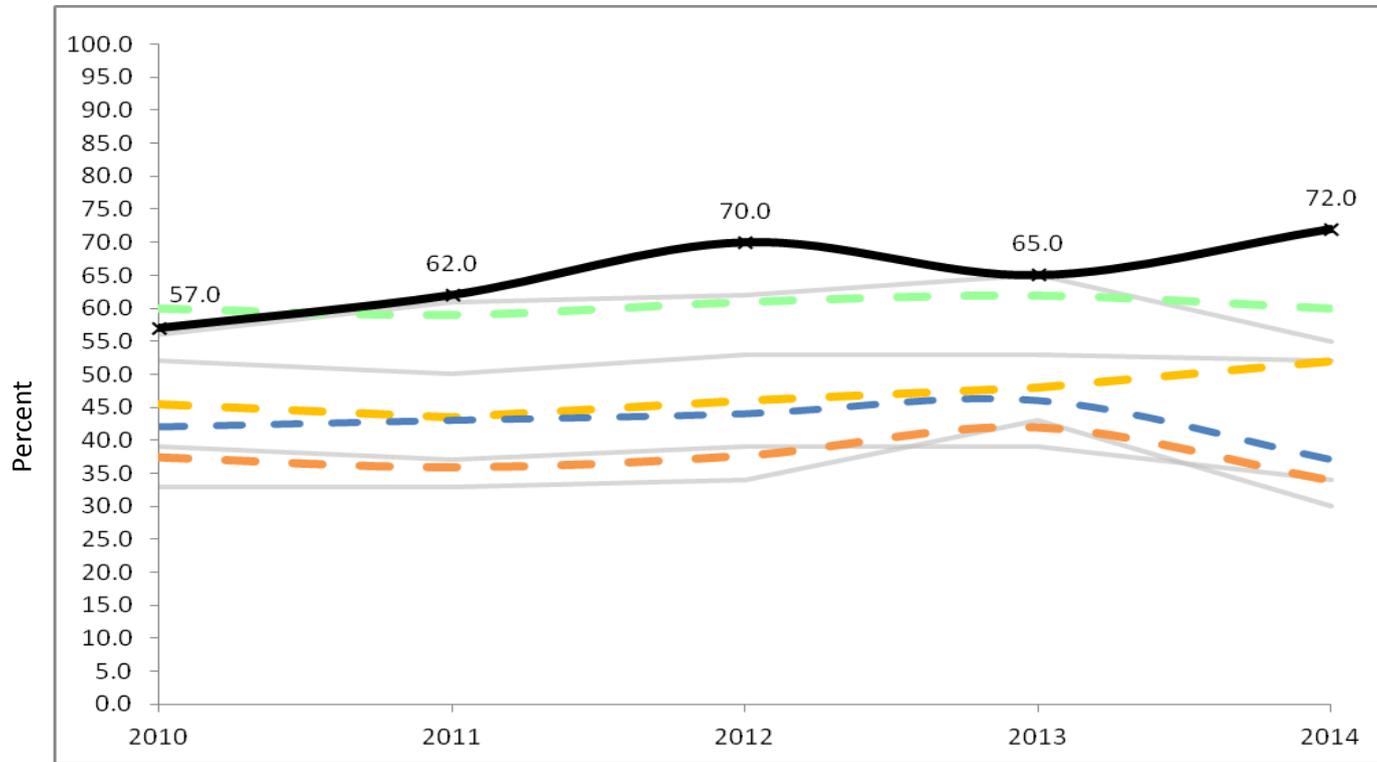
	2010	2011	2012	2013	2014
Charter School	61.5	61.5	58.0	65.0	67.5
Statewide Average*	50.0	50.0	50.0	51.0	50.0
Salem (District)*	44.5	44.0	50.0	47.0	46.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	44.5	44.0	48.5	43.5	45.0
First Quartile	41.8	41.0	45.5	41.8	44.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - Math %P/A - All



#### MCAS - Math % Proficient/Advanced All Students

Charter School  
Statewide Average\*  
Salem (District)\*  
Grades served per year

	2010	2011	2012	2013	2014
Charter School	57.0	62.0	70.0	65.0	72.0
Statewide Average*	60.0	59.0	61.0	62.0	60.0
Salem (District)*	42.0	43.0	44.0	46.0	37.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

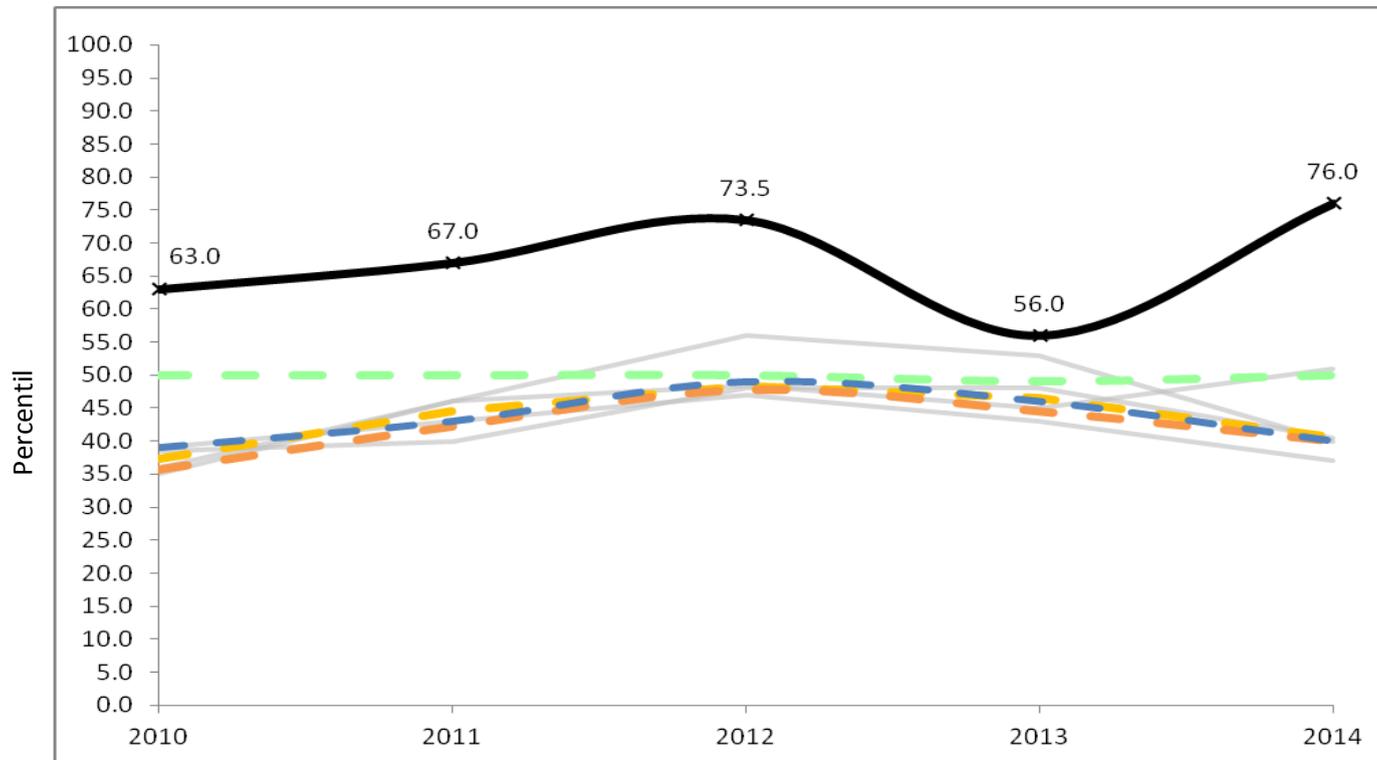
Median  
First Quartile

Median	45.5	43.5	46.0	48.0	52.0
First Quartile	37.5	36.0	37.8	42.0	34.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    — Comp. District Schools

MCAS - Math SGP - All



#### MCAS - Math Student Growth Percentile (SGP) All Students

Charter School  
Statewide Average\*  
Salem (District)\*  
Grades served per year

	2010	2011	2012	2013	2014
Charter School	63.0	67.0	73.5	56.0	76.0
Statewide Average*	50.0	50.0	50.0	49.0	50.0
Salem (District)*	39.0	43.0	49.0	46.0	40.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

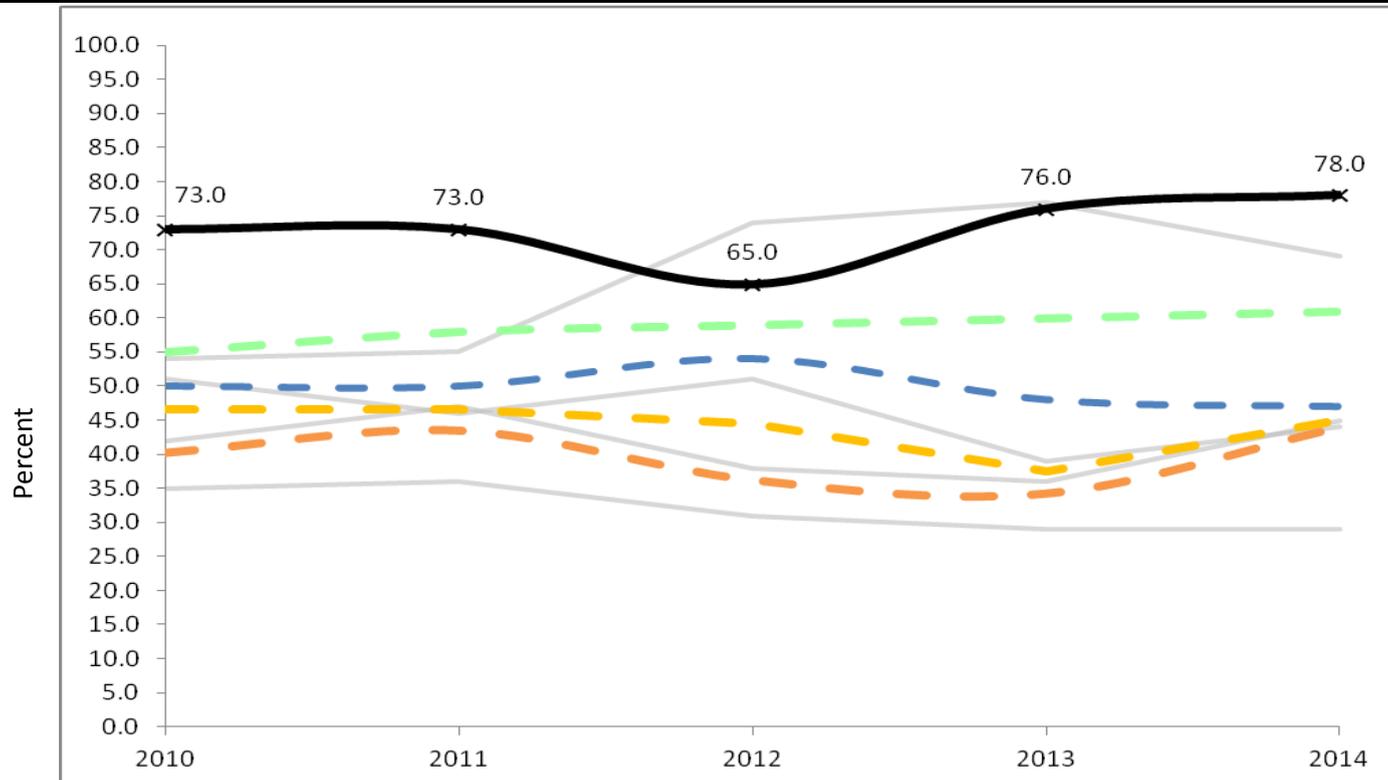
Median  
First Quartile

Median	37.3	44.5	48.3	46.5	40.5
First Quartile	35.8	42.3	47.8	44.5	40.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - ELA %P/A - Low Inc



#### MCAS - English Language Arts % Proficient/Advanced Low Income

Charter School  
Statewide Average\*  
Salem (District)\*  
Grades served per year

	2010	2011	2012	2013	2014
Charter School	73.0	73.0	65.0	76.0	78.0
Statewide Average*	55.0	58.0	59.0	60.0	61.0
Salem (District)*	50.0	50.0	54.0	48.0	47.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

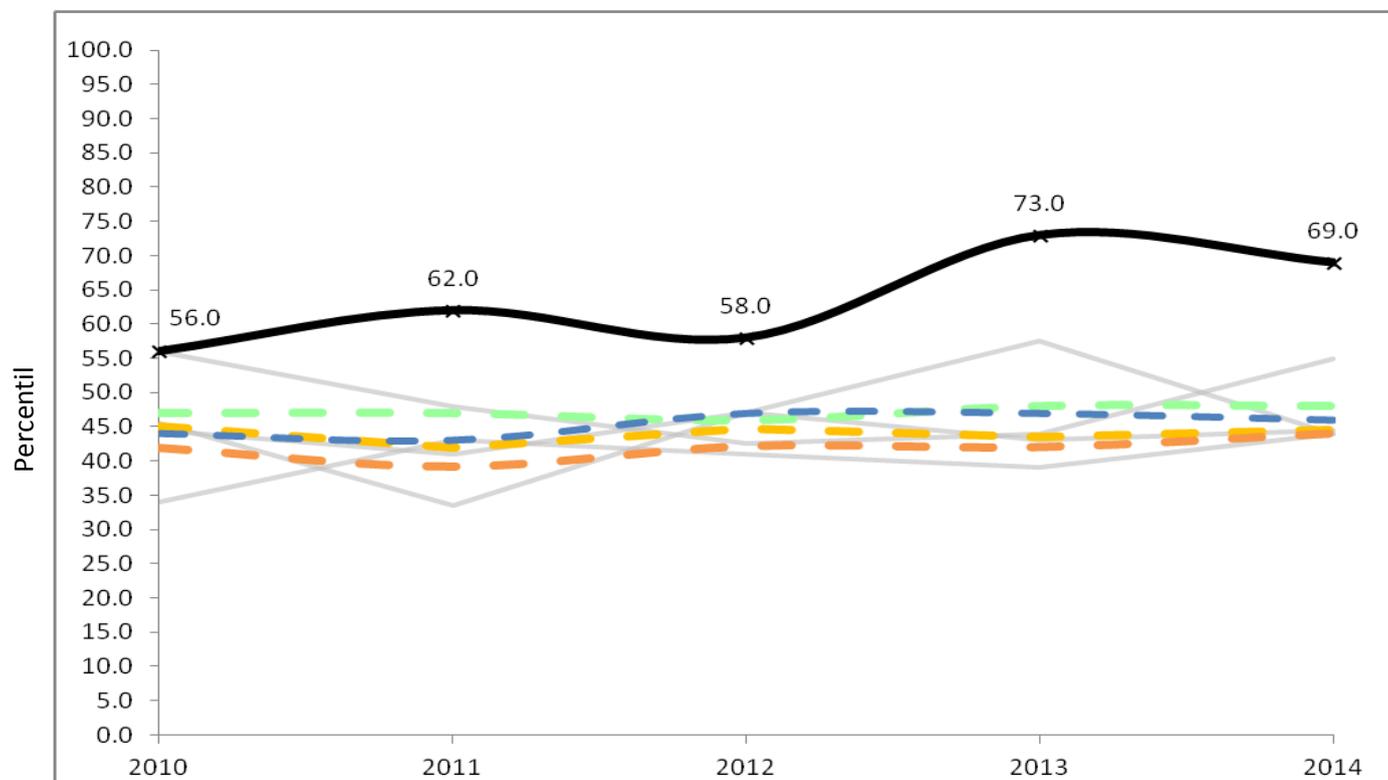
Median  
First Quartile

Median	46.5	46.5	44.5	37.5	45.0
First Quartile	40.3	43.5	36.3	34.3	44.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    — Comp. District Schools

MCAS - ELA SGP - Low Inc



#### MCAS - English Language Arts Student Growth Percentile (SGP) Low Income

Charter School  
Statewide Average\*  
Salem (District)\*  
Grades served per year

	2010	2011	2012	2013	2014
Charter School	56.0	62.0	58.0	73.0	69.0
Statewide Average*	47.0	47.0	46.0	48.0	48.0
Salem (District)*	44.0	43.0	47.0	47.0	46.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

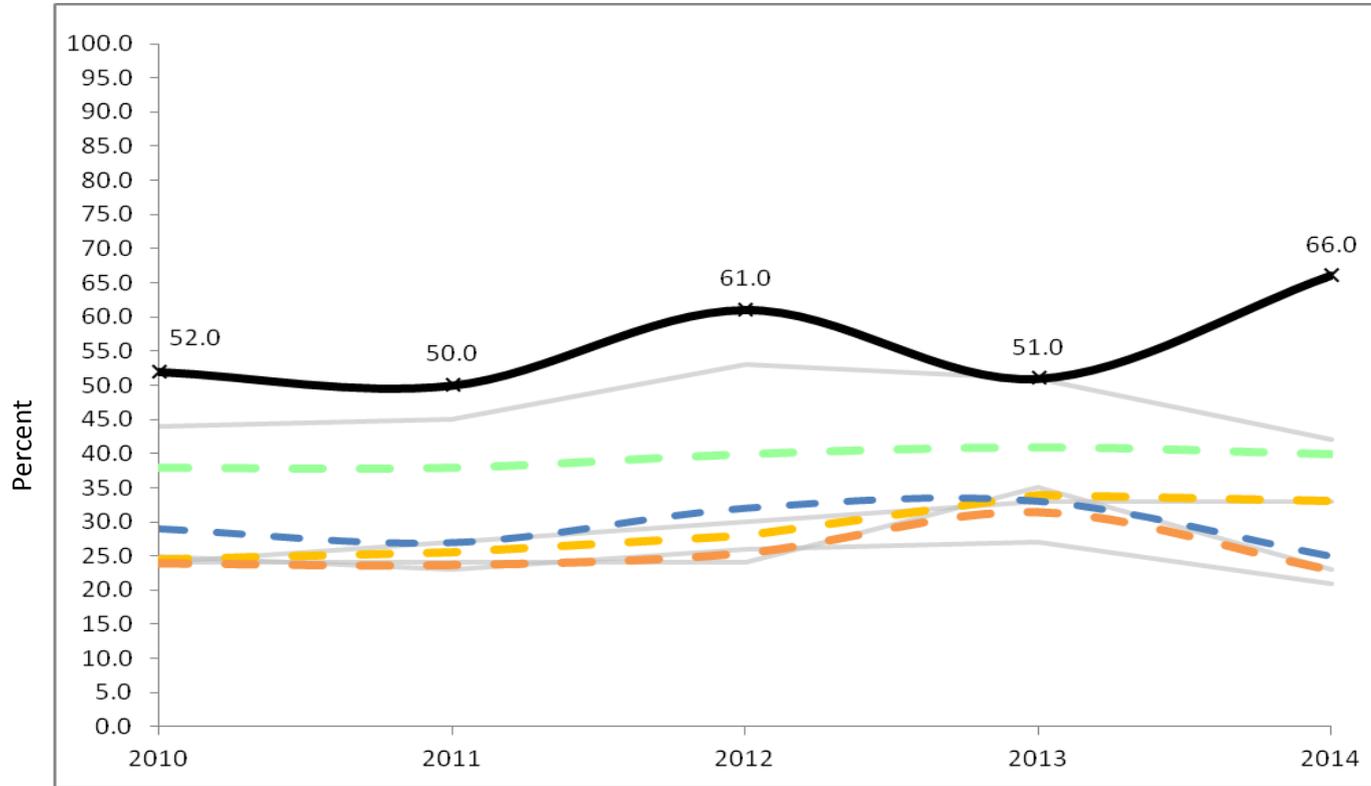
Median  
First Quartile

Median	45.0	42.0	44.8	43.5	44.5
First Quartile	41.9	39.1	42.1	42.0	44.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - Math %P/A - Low Inc



#### MCAS - Math % Proficient/Advanced Low Income

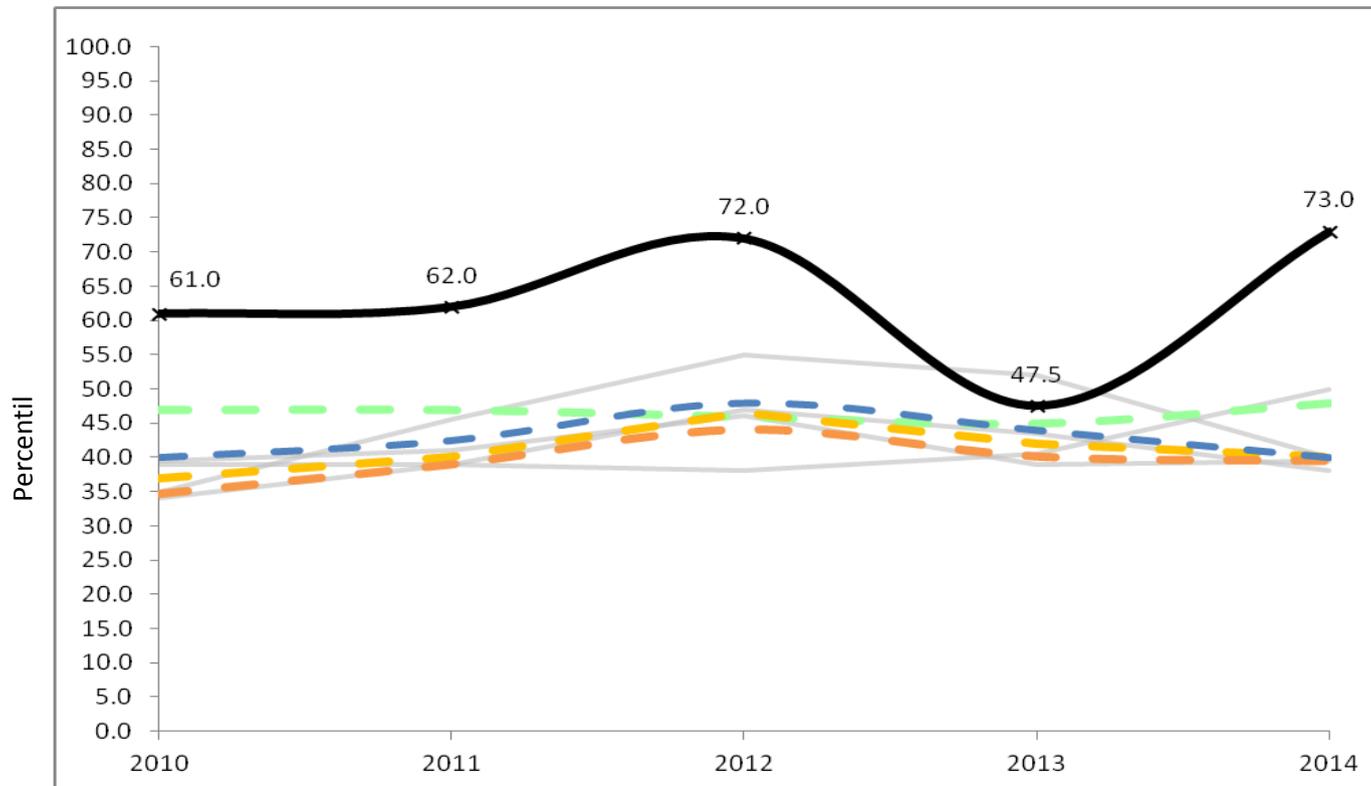
	2010	2011	2012	2013	2014
Charter School	52.0	50.0	61.0	51.0	66.0
Statewide Average*	38.0	38.0	40.0	41.0	40.0
Salem (District)*	29.0	27.0	32.0	33.0	25.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	24.5	25.5	28.0	34.0	33.0
First Quartile	24.0	23.8	25.5	31.5	23.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    — Comp. District Schools

MCAS - Math SGP - Low Inc



#### MCAS - Math Student Growth Percentile (SGP) Low Income

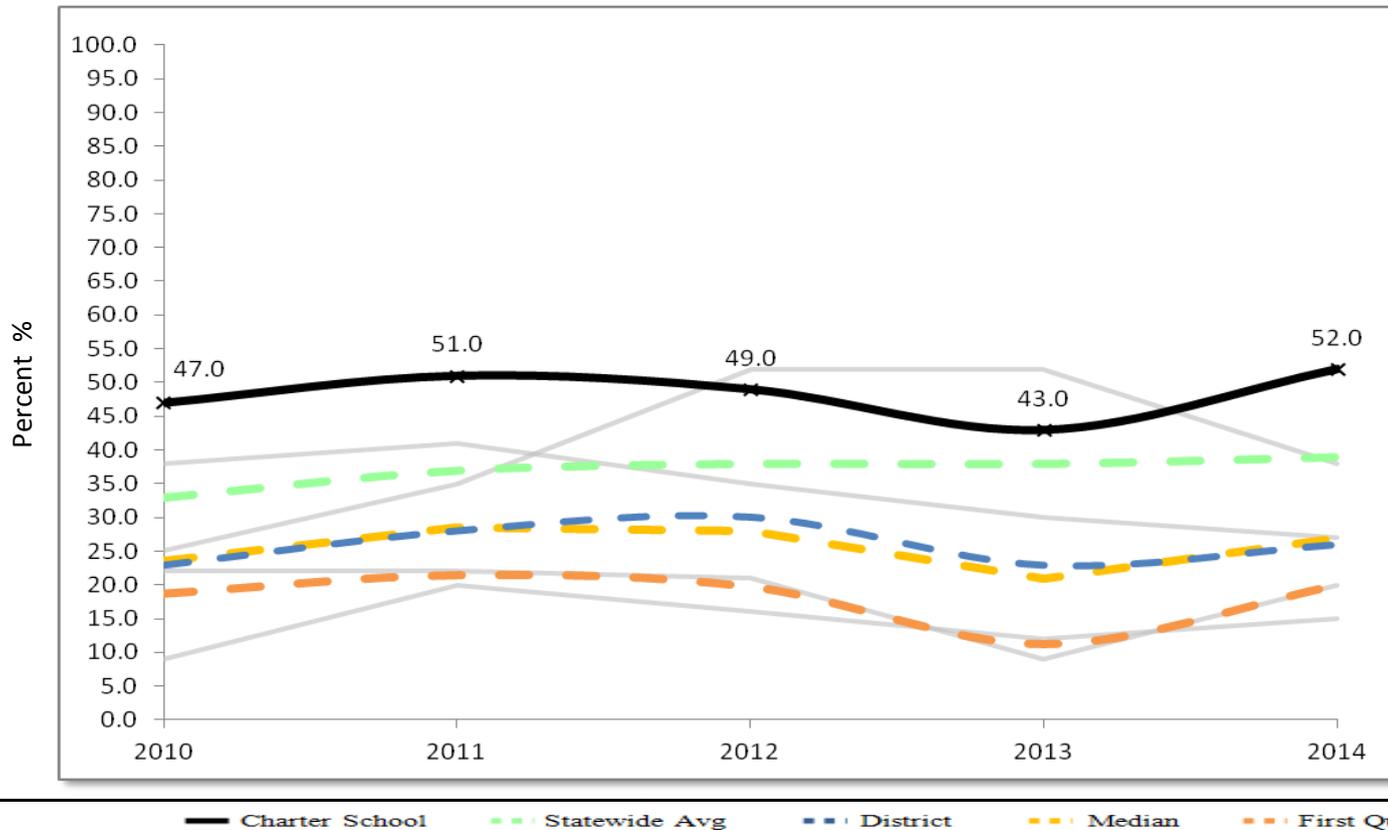
	2010	2011	2012	2013	2014
Charter School	61.0	62.0	72.0	47.5	73.0
Statewide Average*	47.0	47.0	46.0	45.0	48.0
Salem (District)*	40.0	42.5	48.0	44.0	40.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	37.0	40.0	46.5	42.0	40.0
First Quartile	34.8	39.0	44.0	40.1	39.5

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - ELA %P/A - SWD

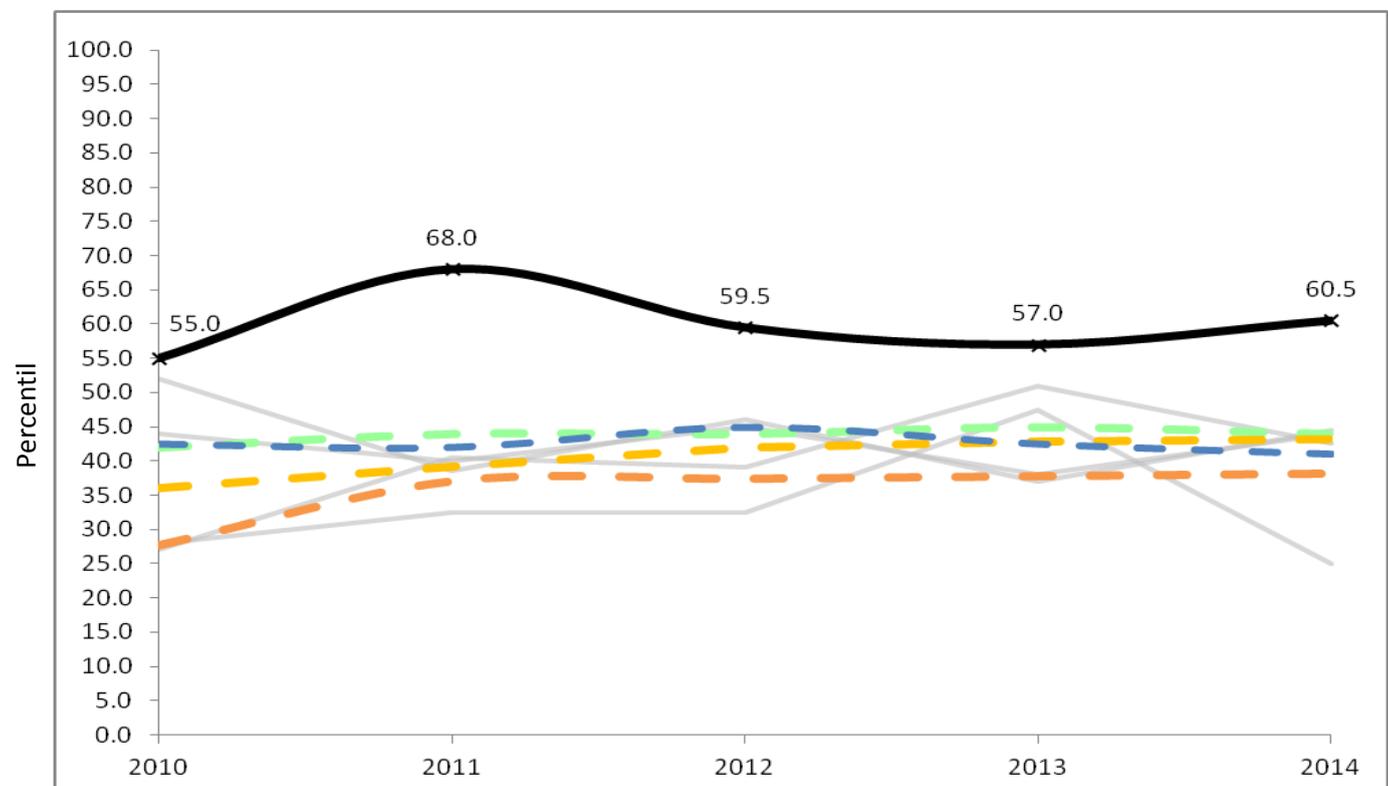


#### MCAS - English Language Arts % Proficient/Advanced Students with Disabilities

	2010	2011	2012	2013	2014
Charter School	47.0	51.0	49.0	43.0	52.0
Statewide Average*	33.0	37.0	38.0	38.0	39.0
Salem (District)*	23.0	28.0	30.0	23.0	26.0
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	23.5	28.5	28.0	21.0	27.0
First Quartile	18.8	21.5	19.8	11.3	20.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

MCAS - ELA SGP - SWD



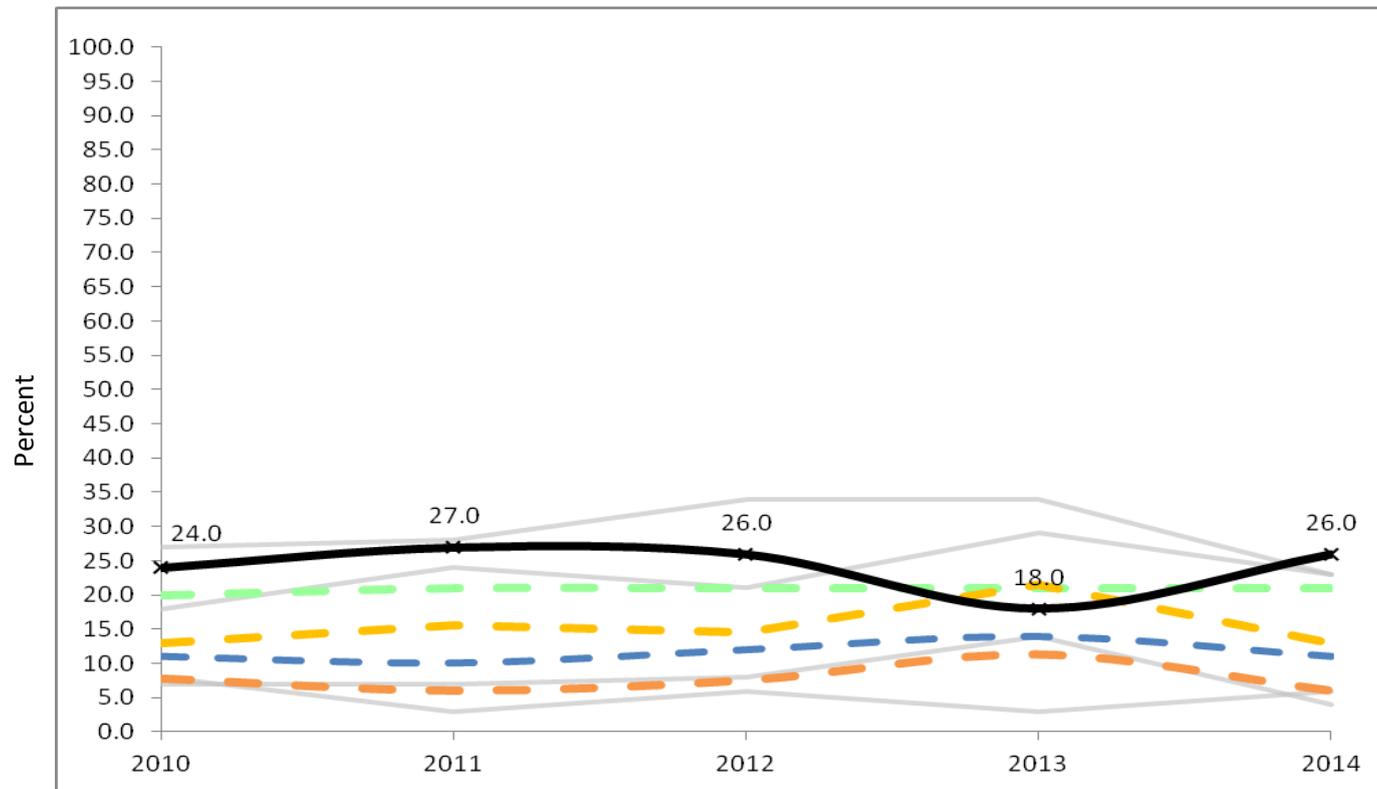
#### MCAS - English Language Arts Student Growth Percentile (SGP) Students with Disabilities

	2010	2011	2012	2013	2014
Charter School	55.0	68.0	59.5	57.0	60.5
Statewide Average*	42.0	44.0	44.0	45.0	44.0
Salem (District)*	42.5	42.0	45.0	42.5	41.0
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	36.0	39.3	42.0	42.8	43.3
First Quartile	27.8	37.0	37.4	37.8	38.1

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - Math %P/A - SWD



#### MCAS - Math % Proficient/Advanced Students with Disabilities

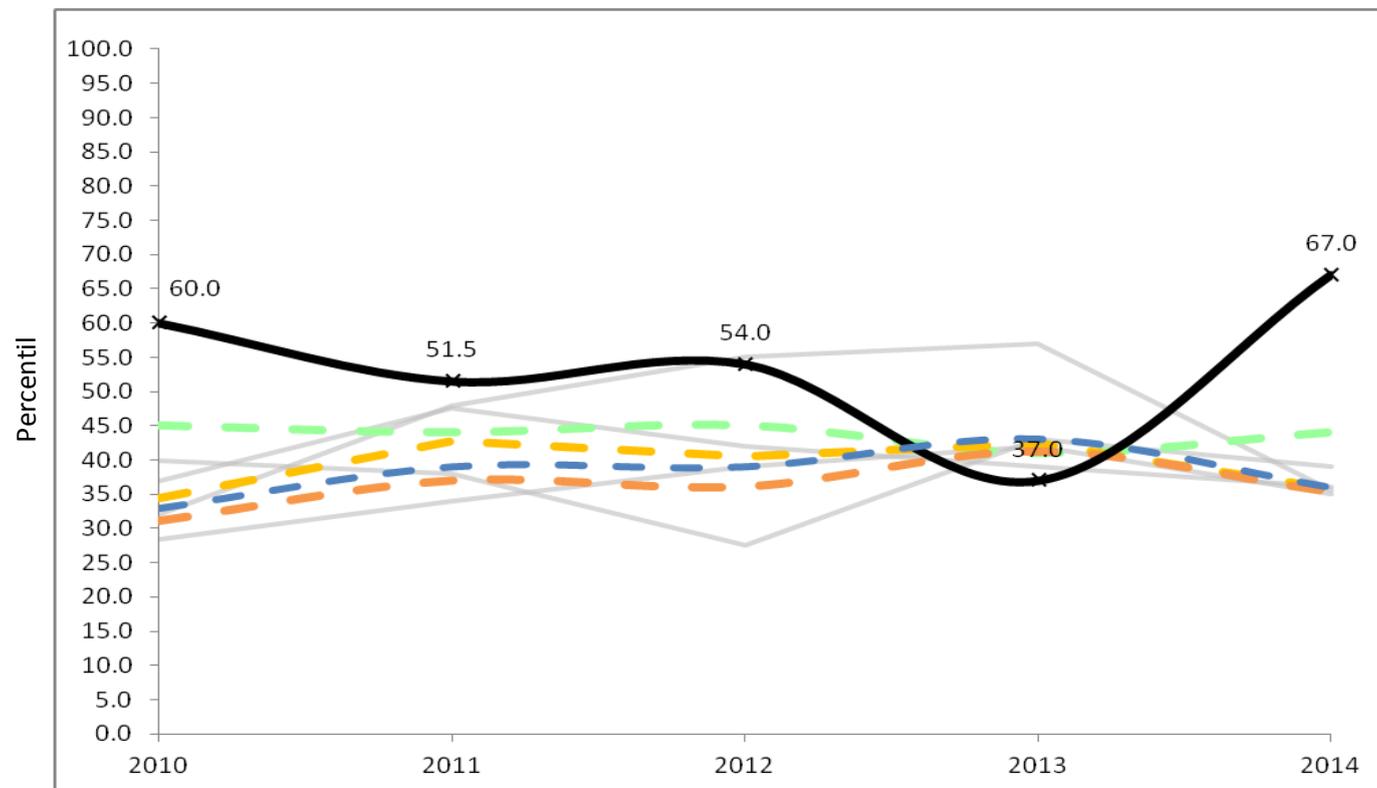
	2010	2011	2012	2013	2014
Charter School	24.0	27.0	26.0	18.0	26.0
Statewide Average*	20.0	21.0	21.0	21.0	21.0
Salem (District)*	11.0	10.0	12.0	14.0	11.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	13.0	15.5	14.5	21.5	13.0
First Quartile	7.8	6.0	7.5	11.3	6.0

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    — Comp. District Schools

MCAS - Math SGP - SWD



#### MCAS - Math Student Growth Percentile (SGP) Students with Disabilities

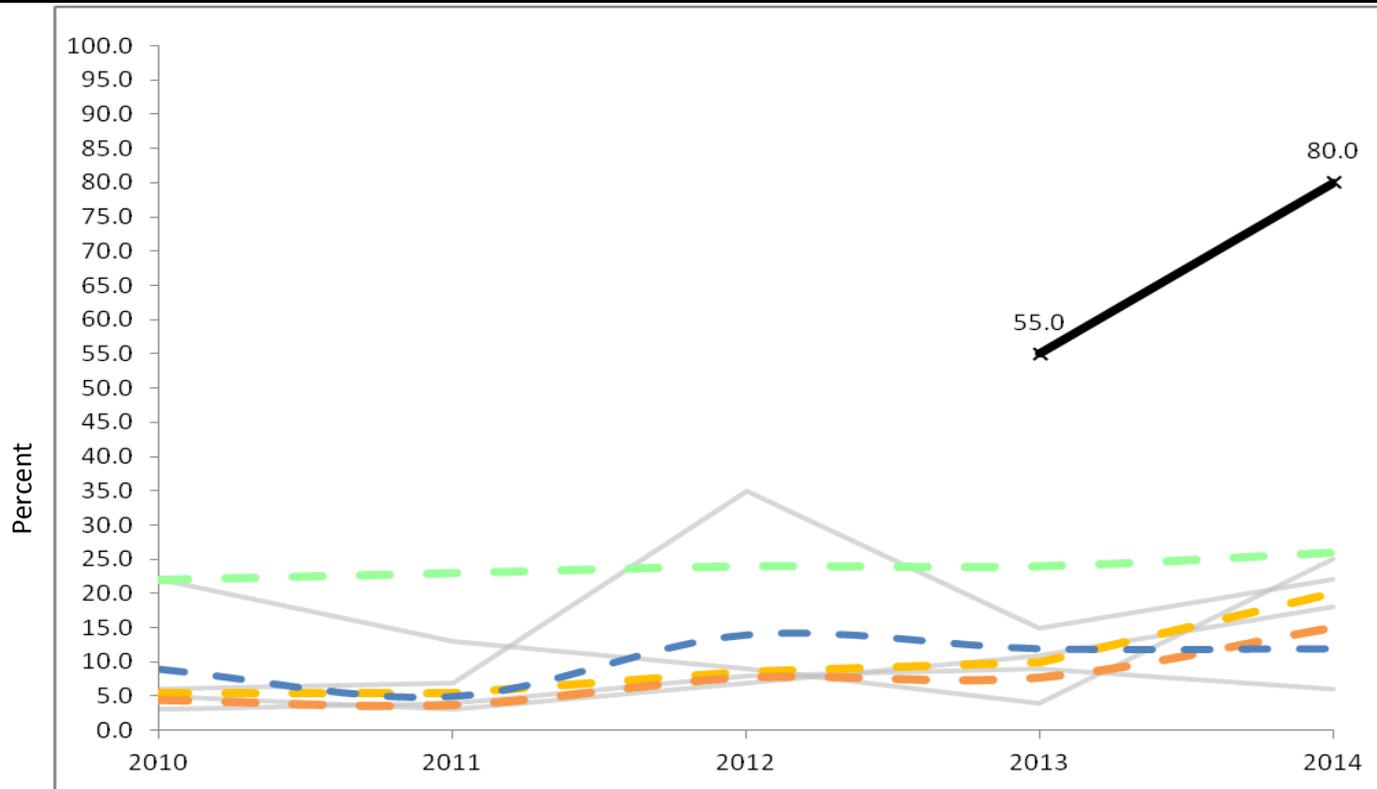
	2010	2011	2012	2013	2014
Charter School	60.0	51.5	54.0	37.0	67.0
Statewide Average*	45.0	44.0	45.0	41.0	44.0
Salem (District)*	33.0	39.0	39.0	43.0	36.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median	34.5	42.8	40.5	42.5	35.8
First Quartile	31.1	37.0	36.1	41.3	35.4

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - ELA %P/A - ELL



#### MCAS - English Language Arts % Proficient/Advanced English Language Learners

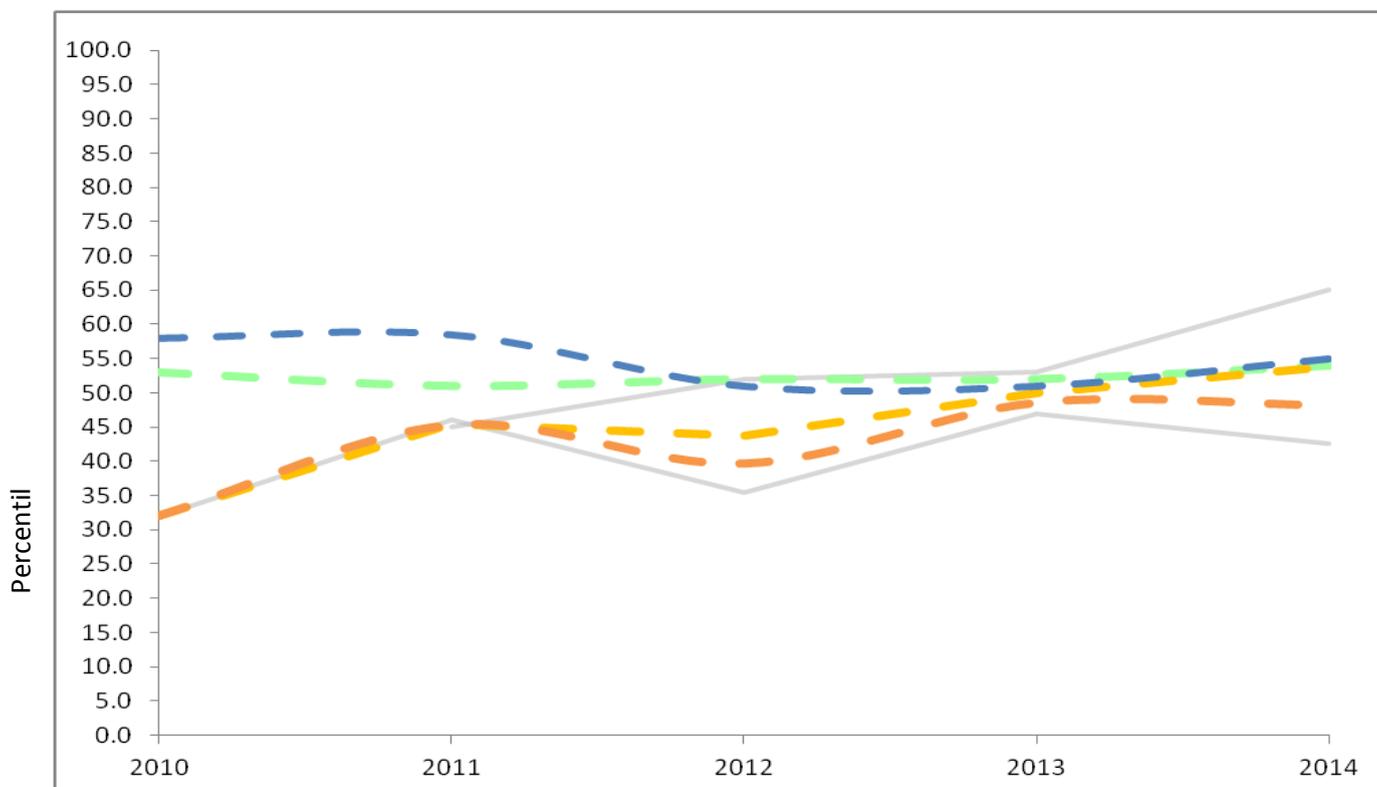
	2010	2011	2012	2013	2014
Charter School				55.0	80.0
Statewide Average*	22.0	23.0	24.0	24.0	26.0
Salem (District)*	9.0	5.0	14.0	12.0	12.0
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	5.5	5.5	8.5	10.0	20.0
First Quartile	4.5	3.8	7.8	7.8	15.0

Cells highlighted red: Achievement level percentages are not calculated for groups with fewer than 10 students.

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    - - - Comp. District Schools

MCAS - ELA SGP - ELL



#### MCAS - English Language Arts Student Growth Percentile (SGP) English Language Learners

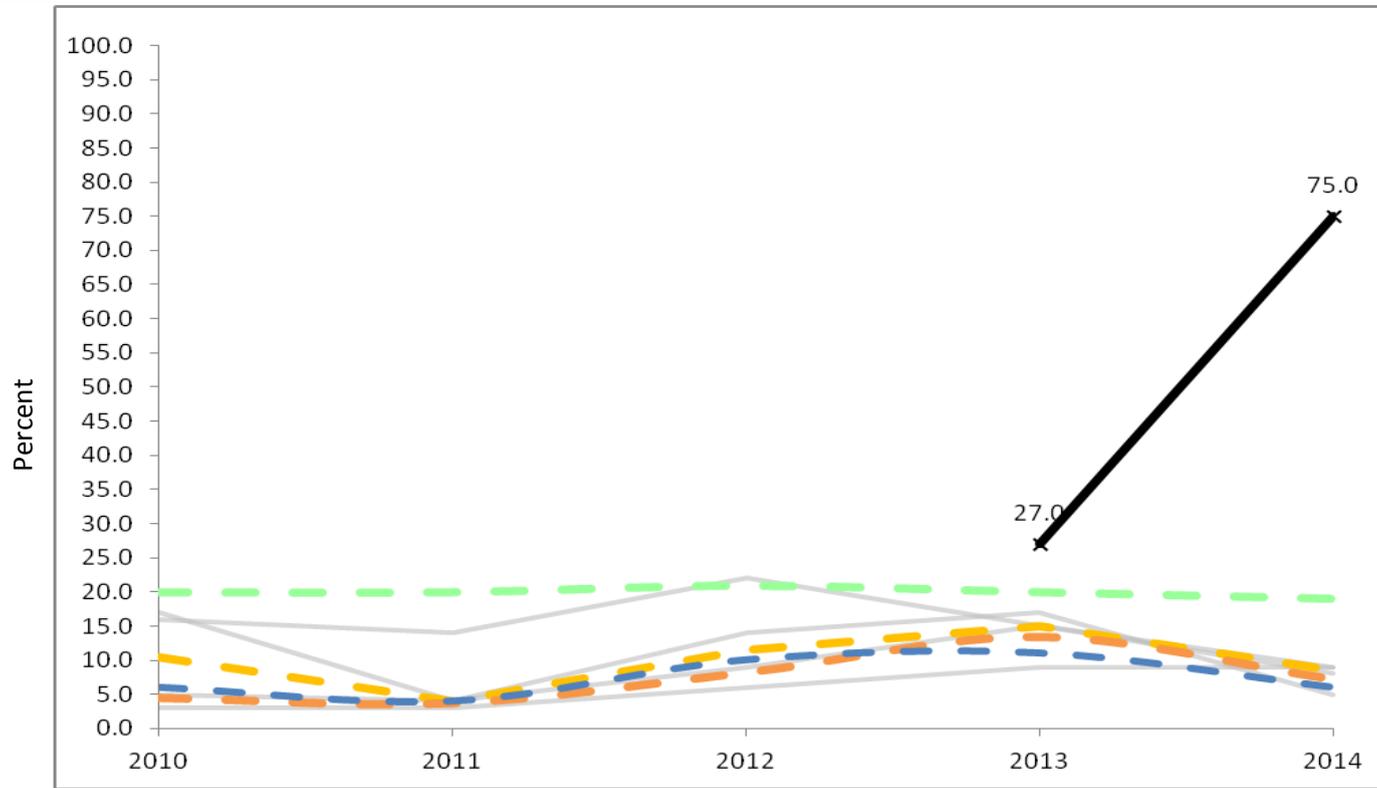
	2010	2011	2012	2013	2014
Charter School					
Statewide Average*	53.0	51.0	52.0	52.0	54.0
Salem (District)*	58.0	58.5	51.0	51.0	55.0
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	32.0	45.5	43.8	50.0	53.8
First Quartile	32.0	45.3	39.6	48.5	48.1

Cells highlighted red: Median student growth percentiles (SGP) are not calculated if the number of students included in the aggregated SGP is less than 20.

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

MCAS - Math %P/A - ELL



#### MCAS - Math % Proficient/Advanced English Language Learners

	2010	2011	2012	2013	2014
Charter School				27.0	75.0
Statewide Average*	20.0	20.0	21.0	20.0	19.0
Salem (District)*	6.0	4.0	10.0	11.0	6.0
Grades served per year	6-12	6-12	6-12	6-12	6-12

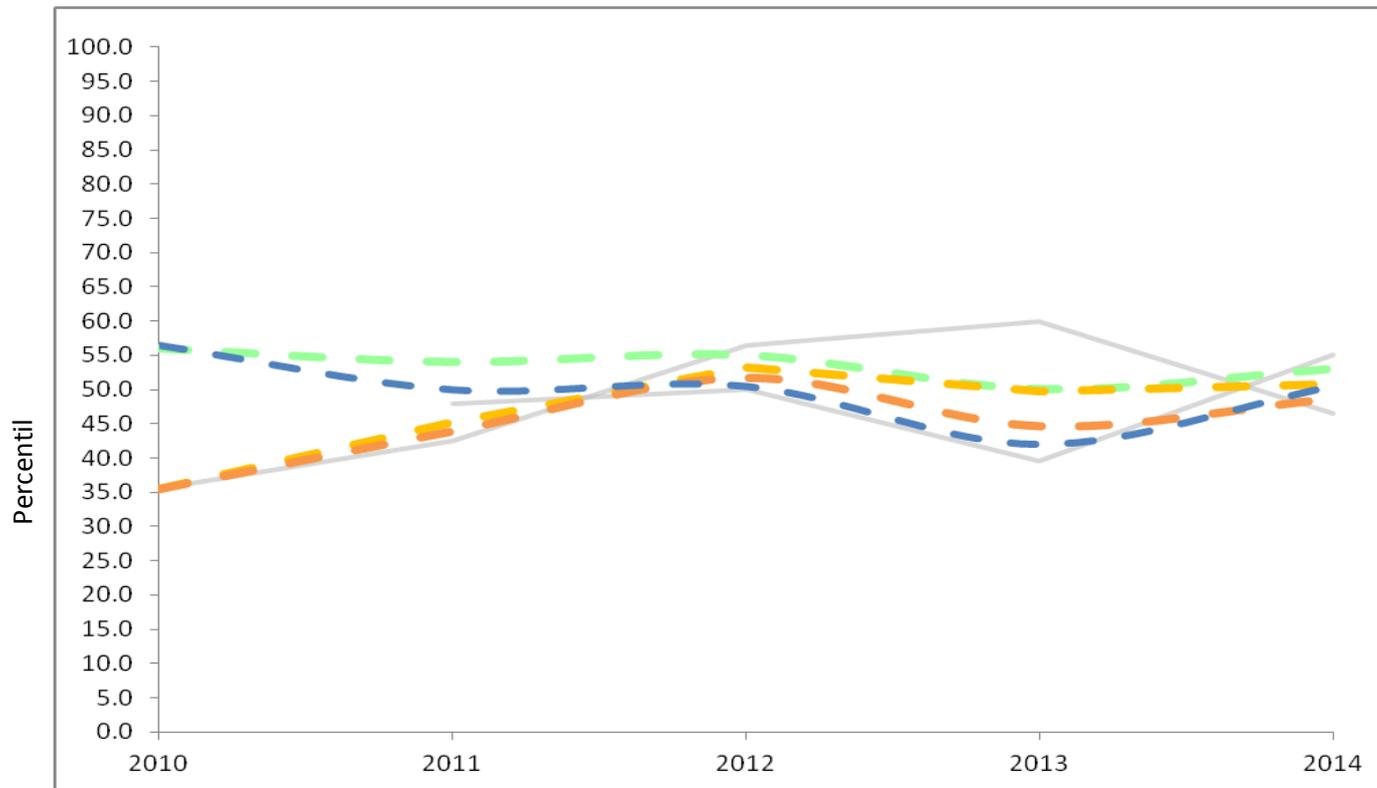
Median	10.5	4.0	11.5	15.0	8.5
First Quartile	4.5	3.8	8.3	13.5	7.3

Cells highlighted red: Achievement level percentages are not calculated for groups with fewer than 10 students.

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

— Charter School    - - - Statewide Avg    - - - District    - - - Median    - - - First Quartile    — Comp. Charter Schools    - - - Comp. District Schools

MCAS - Math SGP - ELL



#### MCAS - Math Student Growth Percentile (SGP) English Language Learners

	2010	2011	2012	2013	2014
Charter School					
Statewide Average*	56.0	54.0	55.0	50.0	53.0
Salem (District)*	56.5	50.0	50.5	42.0	50.5
Grades served per year	6-12	6-12	6-12	6-12	6-12

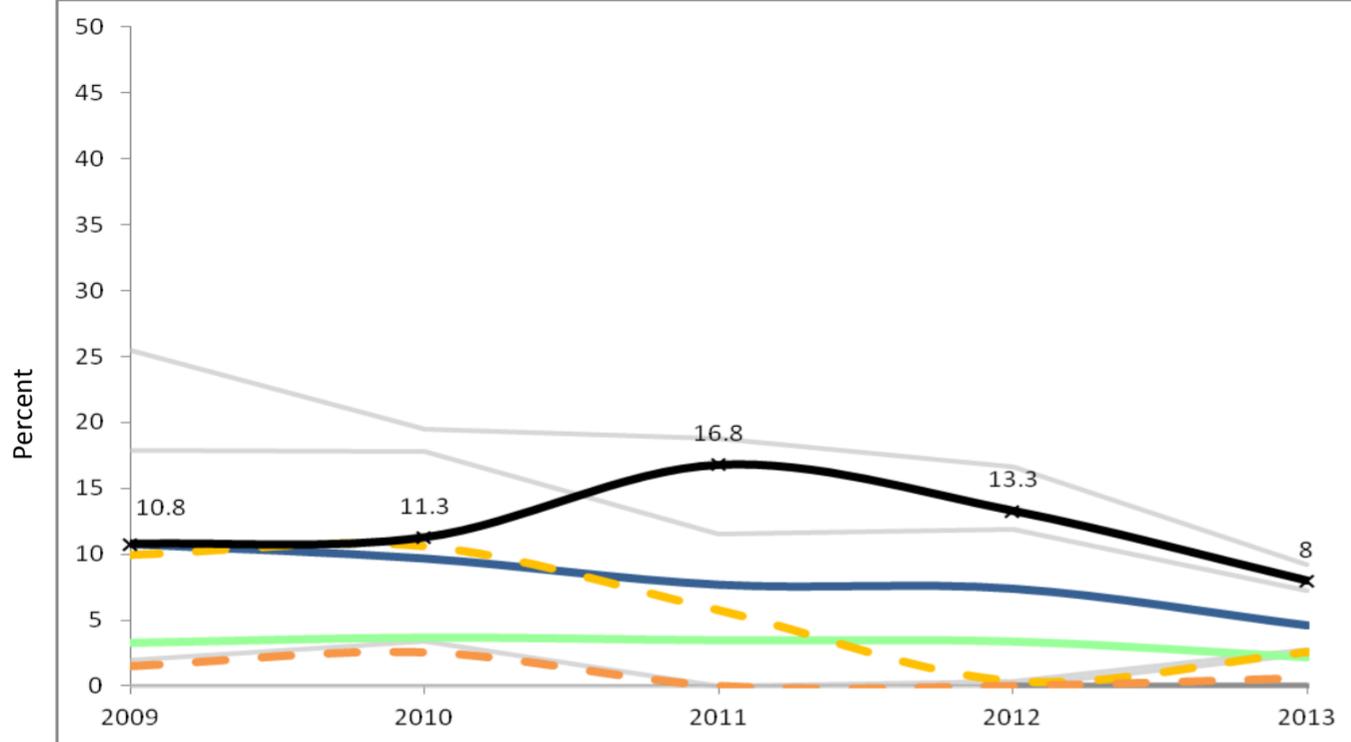
Median	35.5	45.3	53.3	49.8	50.8
First Quartile	35.5	43.9	51.6	44.6	48.6

Cells highlighted red: Median student growth percentiles (SGP) are not calculated if the number of students included in the aggregated SGP is less than 20.

\*Please note that the statewide and district figures are averages across the unique grade configuration for each year of the selected charter school.

### Salem Academy Charter School (06-12) - Salem - Est. 2004

Student Indicator - In-School Suspension %

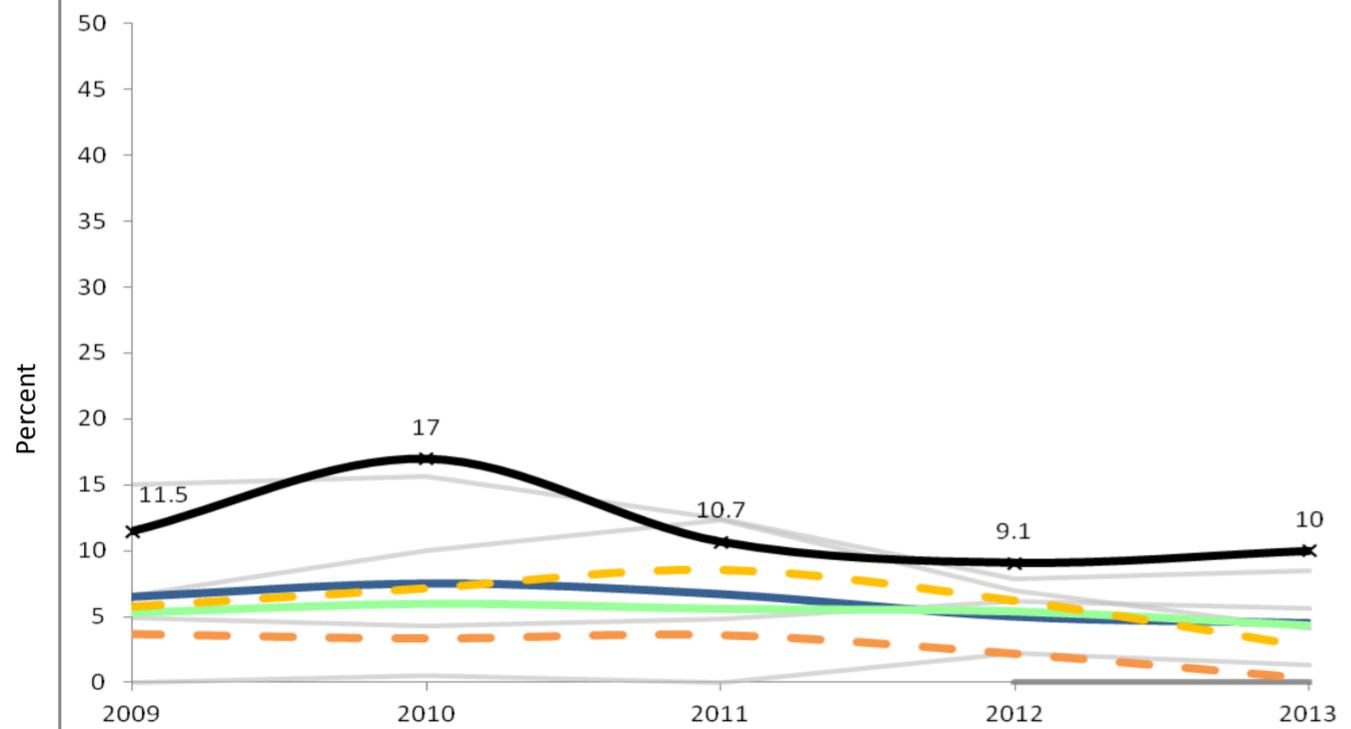


#### In-School Suspension %

	2009	2010	2011	2012	2013
Charter School	10.8	11.3	16.8	13.3	8.0
Statewide Average	3.3	3.7	3.5	3.4	2.2
Salem (District)	10.8	9.7	7.7	7.4	4.6
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	10.0	10.6	5.8	0.4	2.6
First Quartile	1.5	2.6	0.0	0.0	0.6

— Charter School   
 — Statewide Avg   
 — District   
 - - - Median   
 - - - First Quartile   
 — Comp. Charter Schools   
 — Comp. District Schools

Student Indicator - Out-of-School Suspension %

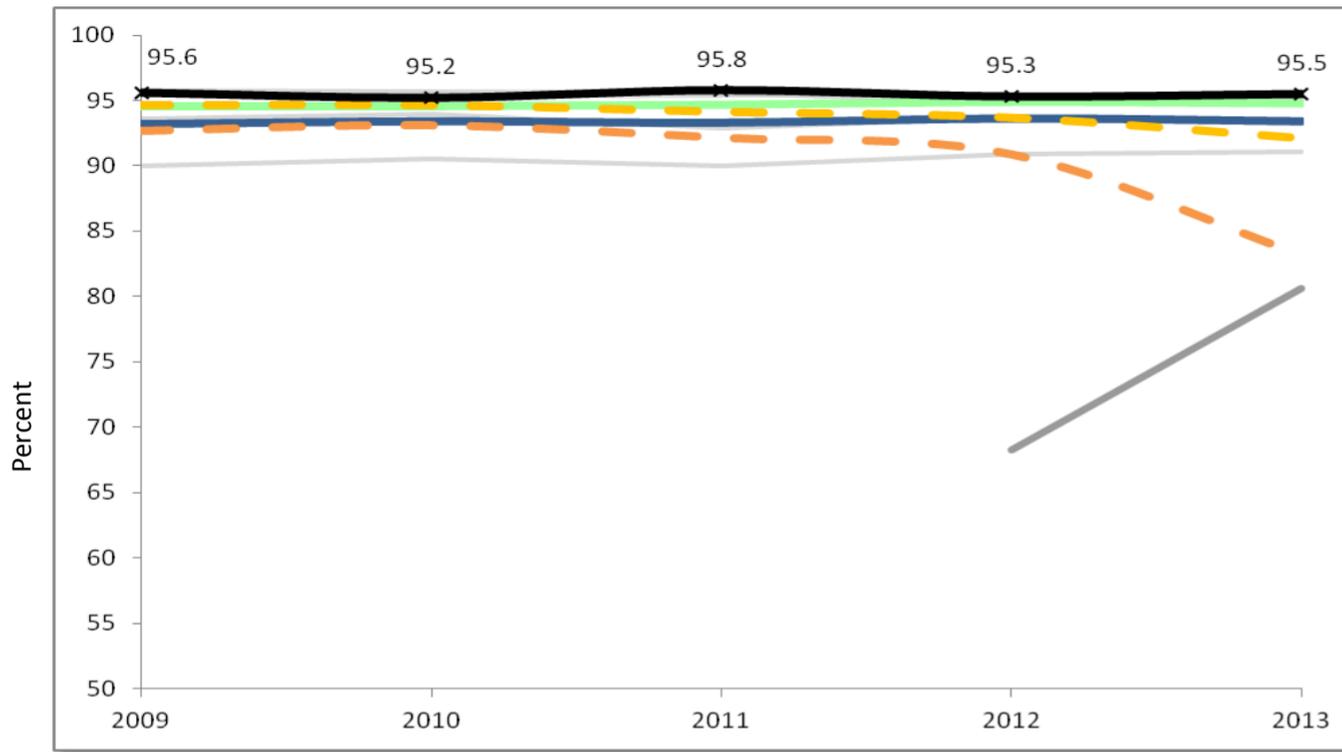


#### Out-of-School Suspension %

	2009	2010	2011	2012	2013
Charter School	11.5	17.0	10.7	9.1	10.0
Statewide Average	5.3	6.0	5.6	5.4	4.3
Salem (District)	6.5	7.5	6.7	5.0	4.5
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	5.8	7.2	8.6	6.2	2.7
First Quartile	3.7	3.4	3.6	2.2	0.3

### Salem Academy Charter School (06-12) - Salem - Est. 2004

Student Indicator - Attendance %



#### Attendance %

Charter School  
Statewide Average  
Salem (District)  
Grades served per year

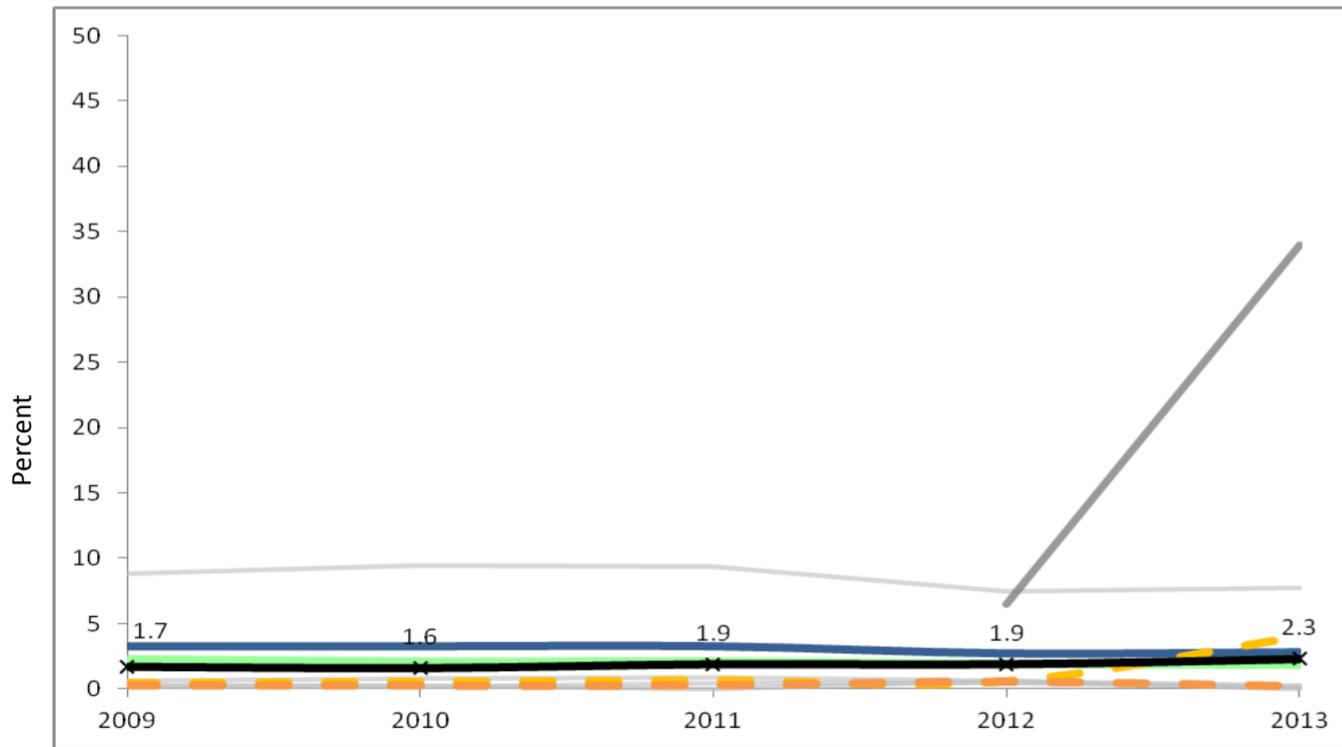
	2009	2010	2011	2012	2013
Charter School	95.6	95.2	95.8	95.3	95.5
Statewide Average	94.6	94.6	94.7	94.9	94.8
Salem (District)	93.2	93.4	93.3	93.6	93.4
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median  
First Quartile

Median	94.7	94.7	94.2	93.7	92.2
First Quartile	92.7	93.1	92.2	90.9	83.2

— Charter School   
 — Statewide Avg   
 — District   
 - - - Median   
 - - - First Quartile   
 — Comp. Charter Schools   
 — Comp. District Schools

Student Indicator - Retention %



#### Retention %

Charter School  
Statewide Average  
Salem (District)  
Grades served per year

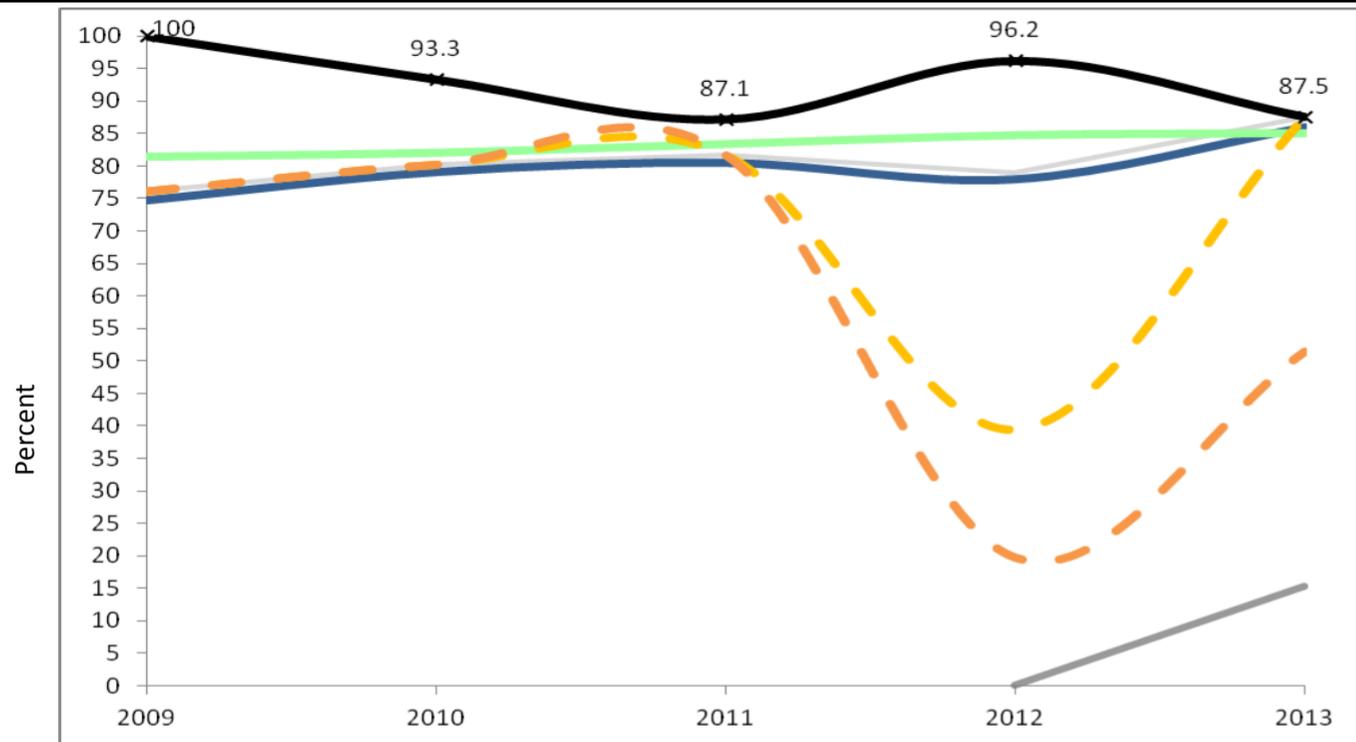
	2009	2010	2011	2012	2013
Charter School	1.7	1.6	1.9	1.9	2.3
Statewide Average	2.3	2.1	2.1	1.9	1.8
Salem (District)	3.3	3.3	3.3	2.7	2.8
Grades served per year	6-12	6-12	6-12	6-12	6-12

Median  
First Quartile

Median	0.5	0.6	0.7	0.6	4.0
First Quartile	0.3	0.3	0.3	0.6	0.2

### Salem Academy Charter School (06-12) - Salem - Est. 2004

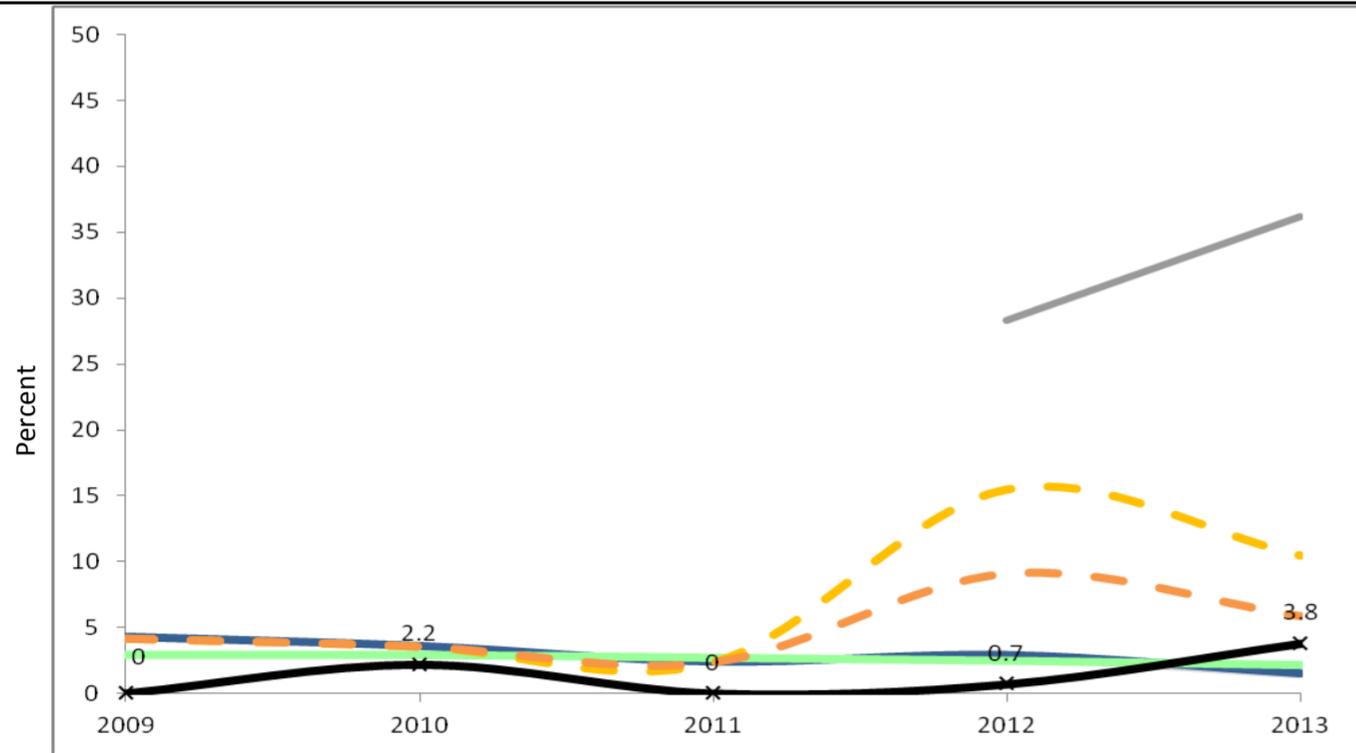
Student Indicator - 4-yr Graduation %



#### 4-Year Graduation %

	2009	2010	2011	2012	2013
Charter School	100.0	93.3	87.1	96.2	87.5
Statewide Average	81.5	82.1	83.4	84.7	85.0
Salem (District)	74.8	79.1	80.5	78.0	85.9
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	76.1	80.2	81.7	39.5	87.5
First Quartile	76.1	80.2	81.7	19.7	51.5

Student Indicator - Dropout %



#### Dropout %

	2009	2010	2011	2012	2013
Charter School	0.0	2.2	0.0	0.7	3.8
Statewide Average	2.9	2.9	2.7	2.5	2.2
Salem (District)	4.3	3.6	2.4	2.9	1.5
Grades served per year	6-12	6-12	6-12	6-12	6-12
Median	4.2	3.6	2.4	15.5	10.5
First Quartile	4.2	3.6	2.4	9.1	5.9