

## STAR 360 Math and Reading Growth

### Method

Utilizing data from schools identified as alternative education campuses<sup>1</sup> (N=208), AECs were ranked based on the median student growth percentiles for each grade level. Based on the grade level percentile distributions, Momentum computed weighted medians across the grades, for schools serving specific grade levels. Below we present the resulting ranked distributions in reading (Table 1) and mathematics (Table 2) for AECs serving grade 9-12 only.

**Table 1. Percentile Distribution in STAR 360 Reading, for AECs Testing Grades 9-12 Only**

	School Fall to Spring MGP	School Fall to Winter MGP	School Winter to Spring MGP	Combined Median
Number of AECs--> Percentiles	251	333	323	907
10th	12.60	17.00	20.40	17.00
20th	23.00	28.50	30.50	28.50
30th	30.00	36.00	37.10	36.00
40th	34.40	40.80	41.00	41.00
50th	39.00	44.50	45.00	44.50
60th	45.00	48.00	48.50	48.00
70th	52.20	52.90	56.40	52.90
80th	59.60	58.50	64.00	59.60
90th	73.70	70.40	73.00	73.00

**Table 2. Percentile Distribution in STAR 360 Math, for AECs Testing Grades 9-12 Only**

	School Fall to Spring MGP	School Fall to Winter MGP	School Winter to Spring MGP	Combined Median
Number of AECs--> Percentiles	226	266	294	786
10th	17.40	20.00	22.75	20.00
20th	27.00	31.50	32.50	31.50
30th	32.00	37.00	38.00	37.00
40th	36.90	41.50	41.00	41.00
50th	41.00	44.75	44.25	44.25
60th	45.00	47.00	47.00	47.00
70th	49.00	50.50	50.25	50.25
80th	54.00	56.00	57.50	56.00
90th	66.30	63.30	67.75	66.30

<sup>1</sup> Renaissance Learning and Momentum Strategy & Research partnered to identify 208 alternative schools (based on NCES school identification codes) that use RL's Star 360 math and reading assessments.