



## Summer Learning Academy 2021 Evaluation

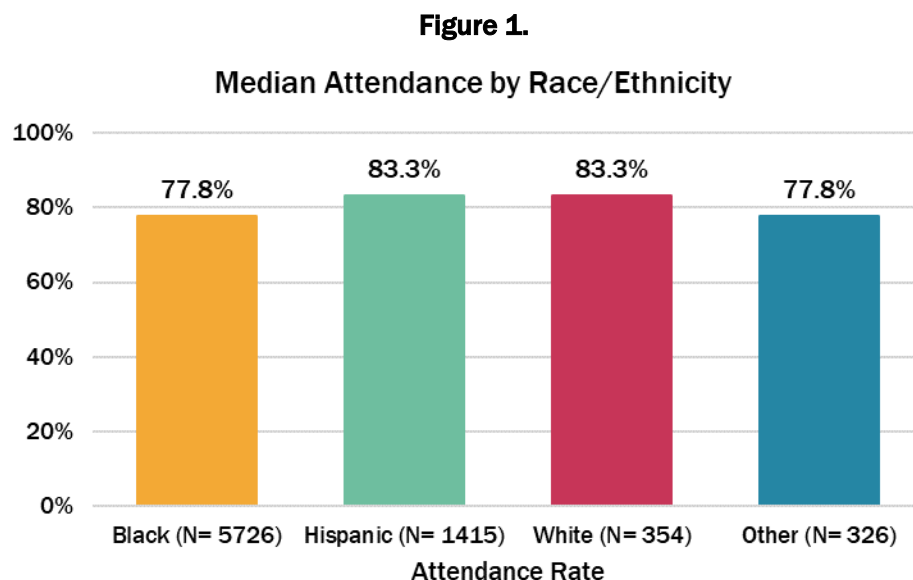
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### Key Findings

- The overall median attendance for the 2021 Summer Learning Academy (SLA) was 77.8%.
- English Learners had the highest median attendance rate compared to all other demographic groups (88.9%).
- Elementary grades had higher attendance rates than middle school grades.
- iReady math and ELA posttest median percentiles were generally lower than the spring iReady percentiles that were used for the pretest.
- iReady median percentiles were highest in Kindergarten and mostly fell as grade level rose.
- SLA students had less summer slide in median math percentiles than non-SLA students; younger SLA attendees had less summer slide in median ELA percentiles than non-SLA students.

### Participation and Attendance Rate

The 2021 Summer Learning Academy (SLA) had 7,821 students in attendance. The overall median attendance was 77.8% during the four-week program. Figure 1 shows median attendance broken down by race/ethnicity. White and Hispanic students had the highest attendance rate at 83.3%. The 'other' category under race contains students who identify as Asian, Indigenous, Pacific Islander, or Mixed race. Most of these categories did not have enough students to provide anonymity and so were combined in one category with an attendance rate of 77.8%. Black students had the same attendance rate. Attendance by race is shown in Figure 1 below.



The median attendance by sex, disability status, CLUE status, and Direct Certified status were all the same as the overall median attendance of 77.8%. English learners had a higher median attendance than non-English learners, with 88.9%. Figure 2 shows this comparison.



## Summer Learning Academy Attendance and iReady Results

**Figure 2.**

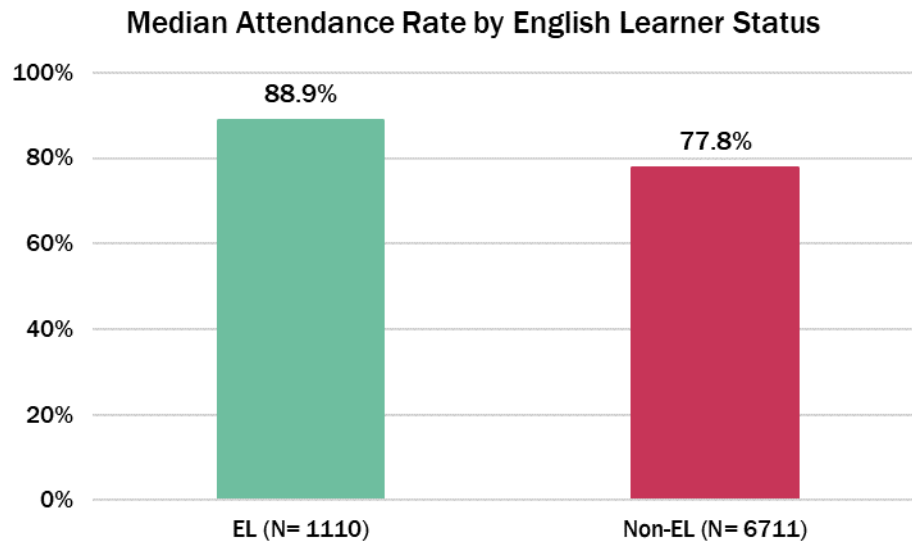


Figure 3 shows all grades' median attendance rate. Kindergarten had the highest median attendance rate of 83.3%, while 7<sup>th</sup> grade had the lowest median attendance rate of 72.2%. All other grades were the same as the overall median attendance rate of 77.8%. The Summer Learning Academy was offered to students who were in Kindergarten to eighth grade in the 2020-21 school year. Kindergarten had the most students with over 1,300 in attendance. Generally, SLA enrollment declined as grade level increased. Less than five students were enrolled for the eighth grade. Because eighth grade had a very small sample, it will not be included in the rest of the report. Grades shown in all charts are the grade that the student was in for the 2020-21 school year.



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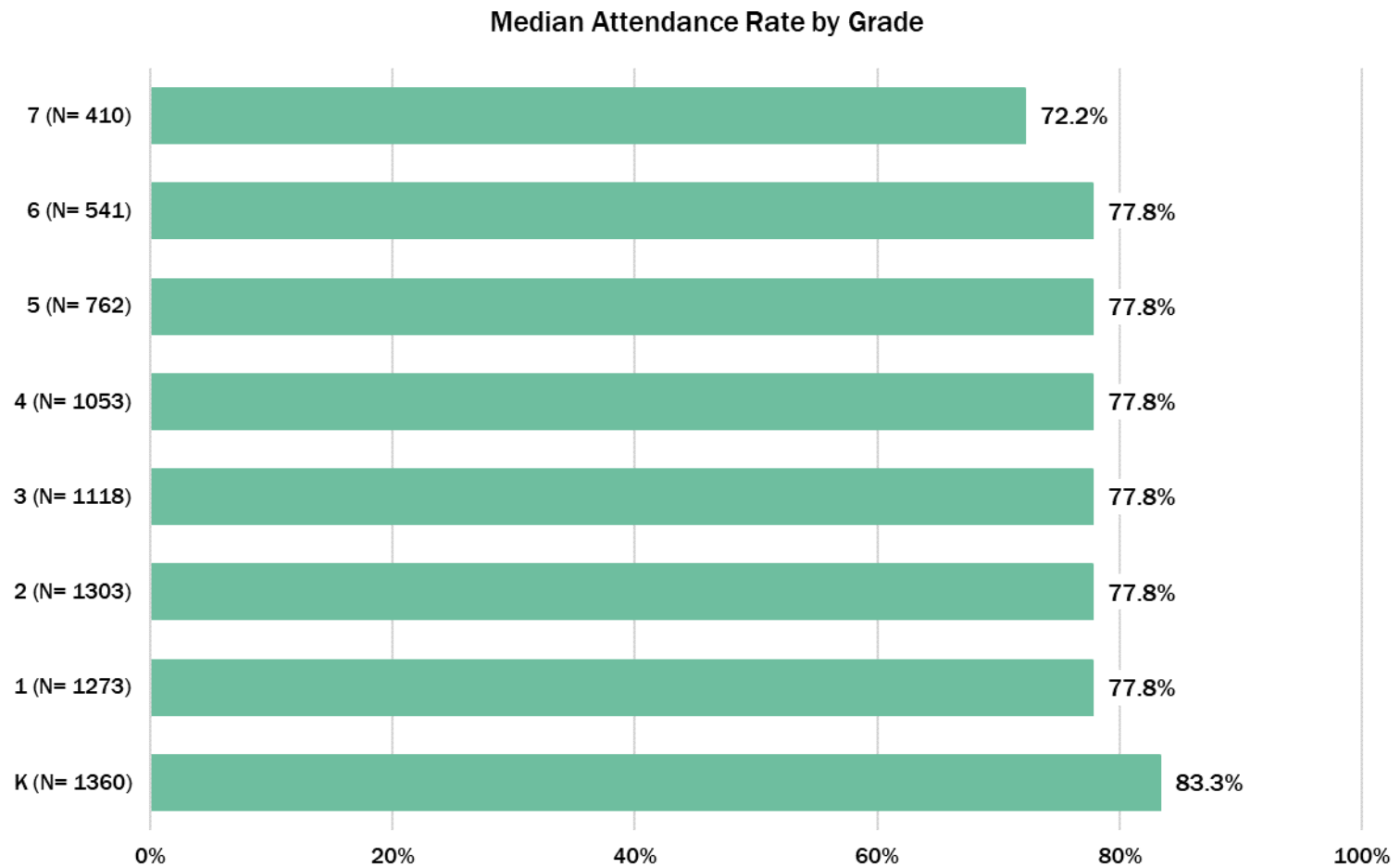


Figure 3.



## Summer Learning Academy Attendance and iReady Results

### Pretest and Posttest Results

The iReady ELA and math diagnostic assessments were used as a pretest and a posttest for this program. The spring iReady test was given during the regular 2020-21 school year between June 1<sup>st</sup> and June 16<sup>th</sup> and serves as the pretest for the SLA. While this is the best available data prior to the start of SLA, there may be some validity issues as a large number of students took the pretest online during remote learning in spring 2021. The posttest was given the last week of the program from July 26<sup>th</sup> through the 30<sup>th</sup>. However, as the posttest was given near the end of the program, many students may have missed the posttest testing days, as attendance was less reliable than it was in the first half of the program. The number of students who have both a pretest and posttest for math are 3,301 and the number of students with an ELA pretest and posttest is 3,313. Forty-two percent of the students who attended have both a pretest and posttest on record for math and 42% had both for ELA. Figure 4 and 5 below show the percentage of students who were tested and students who were not.

Figure 4.

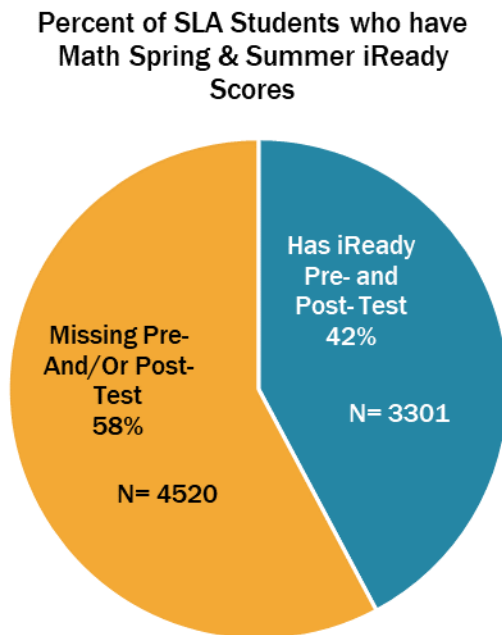


Figure 5.

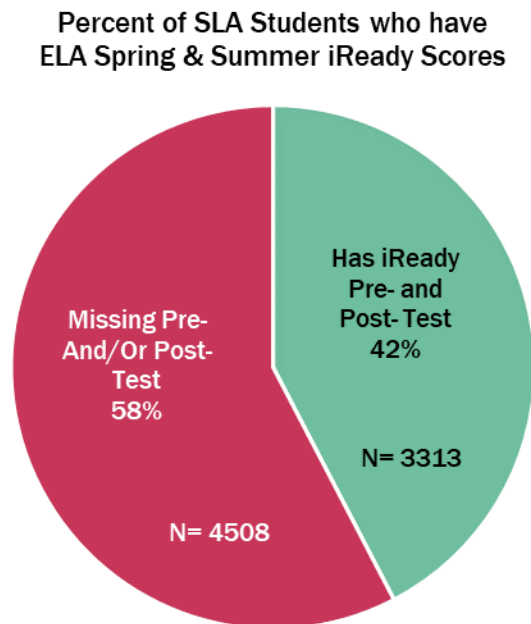
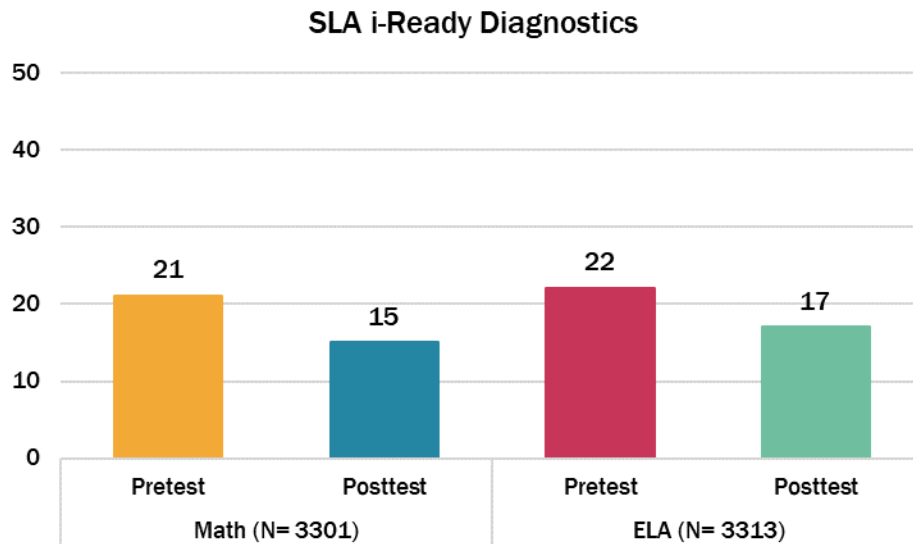


Figure 6 shows the median percentiles for both pretests and posttests for the iReady assessments. The overall median math pretest percentile was 21 and the posttest median percentile was 15. ELA had better results overall. The median pretest percentile was 22 and the posttest was 17.



## Summer Learning Academy Attendance and iReady Results

Figure 6.



### Math and ELA Pretest and Post Comparisons by Grade

Pretest and posttest median percentiles by grade are shown for the math iReady tests in Table 1 and for the ELA iReady tests in Table 2. Percentile ranks mostly went down as grade level went up. Kindergarteners had the highest percentiles in both math (33 and 23) and ELA (36 and 23) pretests and posttests, while fourth graders had the lowest in math and seventh graders had the lowest in ELA. The seventh grade median ELA posttest percentile was three percentile points higher than the pretest.

**Table 1.**

Math iReady		
Grade	Pretest Median	Posttest Median
K (N= 588)	33	23
1 (N= 600)	28	19
2 (N= 599)	21	14
3 (N= 503)	17	13
4 (N= 464)	13	11
5 (N= 289)	16	12
6 (N= 155)	14	14
7 (N= 103)	14	13
All (N= 3301)	21	15

**Table 2.**

ELA iReady		
Grade	Pretest Median	Posttest Median
K (N= 604)	36	23
1 (N= 616)	26	18
2 (N= 605)	23	19
3 (N= 496)	17	12
4 (N= 459)	15	13
5 (N= 285)	15	13
6 (N= 148)	16	12
7 (N= 100)	9	12
All (N= 3313)	22	17



## Summer Learning Academy Attendance and iReady Results

### Summer Slide

Summer slide is the tendency for students to lose the academic gains they achieved in the previous year by the time they get back to school for the fall. One of the aims of the Summer Learning Academy is to help students slide less than they would regularly have they not attended the program. To be included in this view, students had to have both a spring i-Ready test from the 2020-21 school year, a fall i-Ready test from the 2021-22 school year and have attended SLA. Students who did not attend SLA with both a spring and a fall test were used as a comparison group. Figure 7 and 8 show the breakdown of SLA students with both a spring and a fall i-Ready score for math and ELA, respectively.

Figure 7.

Percent of SLA Students who have  
Math Spring & Fall iReady Scores

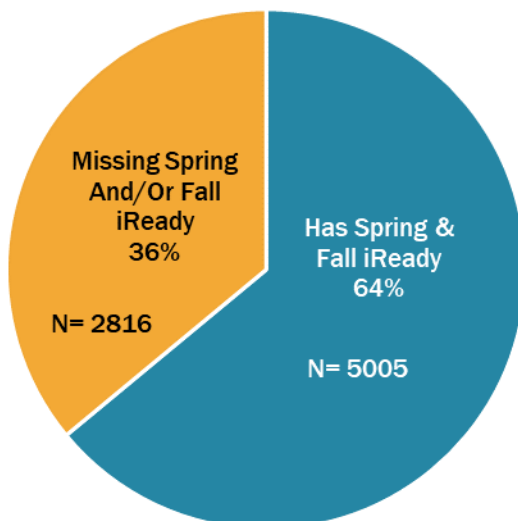
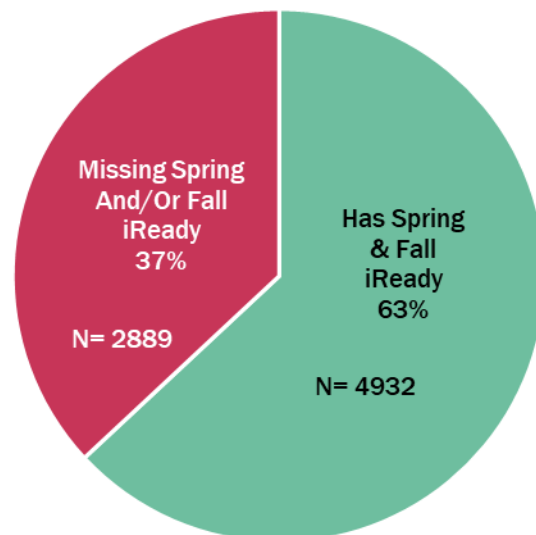


Figure 8.

Percent of SLA Students who have  
ELA Spring & Fall iReady Scores

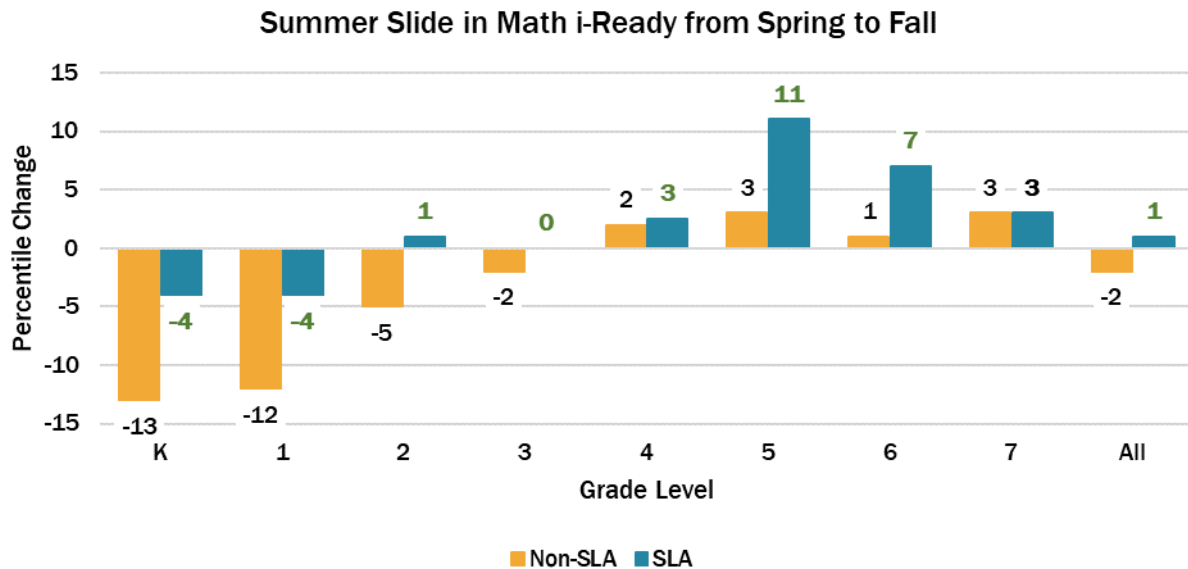


Figures 9 and 10 show the summer slide among SLA and non-SLA students broken down by grade level in both math and ELA. These comparisons are between spring of 2020-21 diagnostics and fall of 2021-22 diagnostics. Figure 7 shows that in all grades SLA students had equal to or less summer slide than non-SLA students in math. Kindergarten and first grade students only slid down four percentile points, while non-SLA students slid by at least 12 percentile points. Fifth grade SLA students grew by eight percentile points whereas non-SLA students only grew by three percentile points.



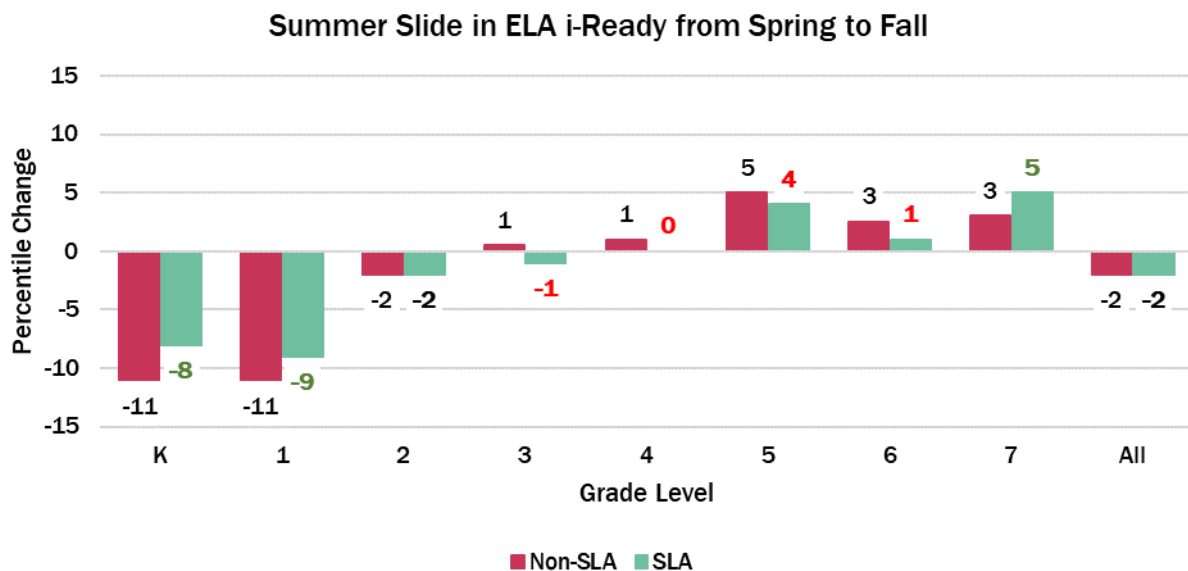
## Summer Learning Academy Attendance and iReady Results

Figure 9.



Summer slide was more noticeable for ELA. Kindergarten and first grade SLA students had less slide than non-SLA students. Fourth, fifth, and sixth grade SLA students had more summer slide than non-SLA students. However, seventh grade SLA students gained five percentile points while non-SLA students only grew by three percentile points.

Figure 10.

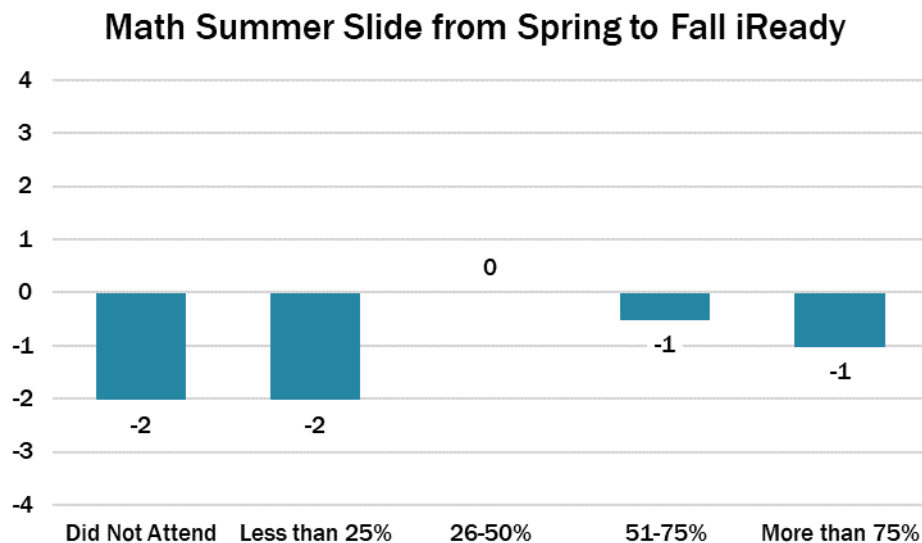




## Summer Learning Academy Attendance and iReady Results

Figures 11 and 12 show summer slide by students' attendance rate in the SLA program. Figure 11 shows that students who attended the program from 26-50% did not slide from the previous year. Students who attended at a higher rate only lost around one percentile point. Students who did not attend SLA slid by two percentile points. Figure 12 shows that ELA had more summer slide than math did. Students who attended SLA at a higher rate had about the same rates of summer slide as non-SLA students.

**Figure 11.**



**Figure 12.**

