

**Linking the Colorado Measures of Academic Success English  
Language Arts (CMAS ELA) Assessments to ISIP™ Reading  
Assessments Grades 3 through 5**

April 2019

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## ISIP™ READING AND CMAS ELA LINKING STUDY

### **Abstract**

This study provides the proficiency projection of ISIP™ Overall Reading Ability scores on the CMAS ELA performance levels 2, 3, 4, and 5 for 3rd through 5th grade students in the state of Colorado. This study also provides the proficiency projection of ISIP scores on the CMAS ELA for ELL and non-ELL students, specifically. All data come from students in Colorado and were collected in the 2016-2017 school year. The multinomial logistic regression analysis is applied. Results show that if a student obtains an ISIP score around the 65th percentile rank (65th, 64th, and 62nd for grades 3, 4, and 5, respectively) in the middle-of-the-year assessment month, the probability of obtaining a CMAS ELA performance level 4 (meets expectations) or higher in spring is about 50%.

## **Introduction**

Istation's Indicators of Progress, also known as ISIP™, is a sophisticated internet- and web-delivered computer-adaptive testing (CAT) system that provides continuous progress-monitoring (CPM) assessments in the critical domains of reading for students in prekindergarten through 8th grade. It is built using two-parameter Item Response Theory (IRT) and driven by a fully CAT algorithm. ISIP gathers and reports frequent information about student progress in the critical domains throughout and across academic years (Patarapichayatham, Fahle, & Roden, 2013).

The purpose of ISIP Reading is to measure reading ability and identify deficits in critical areas in order to provide continuous differentiated instruction. ISIP accomplishes this by delivering short tests, at least monthly, that target critical areas to inform instruction. With adequate computer resources, it is realistic to administer ISIP assessments for an entire classroom, school, or district in a single day. Student results are immediately available online for teachers and administrators and illustrate each student's past and present performance and skill growth. Teachers are alerted when students are not making adequate progress so that the instructional program can be modified before a pattern of failure becomes established (Mathes, 2011). For full information about ISIP Early Reading (prekindergarten through 3rd grade) and ISIP Advanced Reading (4th through 8th grade), see Mathes (2011) and Mathes, Torgesen, and Herron (2011).

All public school students enrolled in Colorado are required by state law to take a standards-based summative assessment each year in specified content areas and grade levels. Every student, regardless of language background or ability, must be provided with the opportunity to demonstrate their content knowledge. The Colorado Measures of Academic

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Success (CMAS) is Colorado’s standards-based assessment designed to measure students’ grasp of the Colorado Academic Standards (CAS). The CMAS assessments are collaboratively developed by the Colorado Department of Education, the Colorado educator community, and Colorado’s assessment contractor, Pearson (see [www.cde.state.co.us](http://www.cde.state.co.us) for full information).

The CMAS overall scale score performance levels are used to place students’ assessment scores in one of five possible categories ([www.cde.state.co.us](http://www.cde.state.co.us)):

- Level 1: A student does not meet expectations for the assessed standards.
- Level 2: A student partially meets expectations for the assessed standards.
- Level 3: A student approaches expectations for the assessed standards.
- Level 4: A student meets expectations for the assessed standards.
- Level 5: A student exceeds expectations for the assessed standards.

This study provides the proficiency projection of ISIP scores on the CMAS ELA performance levels 2, 3, 4, and 5 for 3rd through 5th grade students in the state of Colorado. This study also provides the proficiency projection of ISIP scores on the CMAS ELA for ELL and non-ELL students. Re-designated/exited students are not included in this study.

### **Methods**

#### **Measures**

This study uses three measures: 3rd grade ISIP Early Reading, 4th and 5th grade ISIP Advanced Reading, and 3rd through 5th grade CMAS ELA tests. The data were collected in the state of Colorado in the 2016–2017 academic year. The ISIP scores from the middle-of-the-year benchmarking month (January 2017 assessment month) are chosen. Students in Colorado took a state test, CMAS ELA, in spring 2017.

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The Pearson product-moment correlation coefficients between ISIP scores and CMAS ELA scores were 0.75, 0.79, and 0.82 for grades 3 through 5, respectively, indicating a strong relationship between ISIP reading assessments and CMAS ELA tests. If a student does very well on ISIP assessments in January, it is likely that he or she will do very well on CMAS ELA tests in spring.

### **Samples**

The sample included 11,797 students from 3rd through 5th grade in the state of Colorado: 3,883 from 3rd grade; 4,122 from 4th grade; and 3,792 from 5th grade. Students who had both ISIP scores and CMAS ELA scores are included in this study. Table 1 shows descriptive statistics of the samples. The means of ISIP scores were 240.86, 1862.54, and 1953.63 for grades 3 through 5, respectively. The means of CMAS ELA scores were 731.51, 734.79, and 736.90 for grades 3 through 5, respectively. Table 1 also shows the CMAS ELA performance level cut scores, number of students in each Istation tier, and number of students in each CMAS proficiency level.

Regarding ELL students, there were 1,392 ELL students; 2,484 non-ELL students; and 7 re-designated/exited from 3rd grade. There were 1,651 ELL students; 2,212 non-ELL students; and 259 re-designated/exited from 4th grade. There were 1,500 ELL students; 1,920 non-ELL students; and 372 re-designated/exited from 5th grade.

ELL students had lower ISIP and CMAS ELA scores across grades. For ELL students, the means of ISIP scores were 233.56, 1775.40, and 1850.47 for grades 3 through 5, respectively. The means of CMAS ELA scores were 724.44, 723.11, and 720.42 for grades 3 through 5, respectively. For non-ELL students, the means of ISIP scores were 244.90, 1911.01, and 2010.28

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for grades 3 through 5, respectively. The means of CMAS ELA scores were 735.35, 740.44, and 744.54 for grades 3 through 5, respectively.

### **Analysis**

The multinomial logistic regression analysis is applied. The ISIP score is the predictor, and the CMAS ELA performance levels are the outcome variable. Students who had ISIP scores between percentiles 1 and 99 were included in the analysis. The analyses are done by grade level. The ELL and non-ELL students within each grade are further investigated.

Based on the estimated multinomial logistic regression coefficients, probabilities for the four proficiency categories are computed for selected ISIP scores. A total of 99 ISIP scale scores in January are selected, which correspond to 1 to 99 percentiles with an increment of 1 on the January assessment. For the outcome variable in the multinomial logistic regression, proficiency categories are defined by the CMAS ELA proficiency cut points (see Table 1). There are five CMAS ELA performance levels, but this study investigates the CMAS ELA performance levels 2 to 5.

The probability of CMAS ELA performance level 2 or above is computed by adding the probabilities of levels 2, 3, 4, and 5. The probability of CMAS ELA performance level 3 or above is computed by adding the probabilities of levels 3, 4, and 5. The probability of CMAS ELA performance level 4 is computed by adding the probabilities of levels 4 and 5, and the probability of CMAS ELA performance level 5 is the probability of level 5 itself. The analyses are done using R software with the nnet package.

## Results

### 3rd Grade Students

*Projected Proficiency of Level 2 or Higher: A student partially meets expectations for the assessed standards at the CMAS ELA 700.*

The proficiency projection tells how likely a student is to be classified as “partially met expectations” or higher based on the student’s observed ISIP score at the middle-of-the-year benchmarking month. Results show that if a 3rd grade student obtained an ISIP score of 225 (16th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 52% (see Table 2). If a 3rd grade ELL student obtained an ISIP score of 218 (9th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 51% (see Table 4). Similarly, if a 3rd grade non-ELL student obtained an ISIP score of 230 (24th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 52% (see Table 6).

*Projected Proficiency of Level 3 or Higher: A student approaches expectations for the assessed standards at the CMAS ELA 725.*

Results show that if a 3rd grade student obtained an ISIP score of 238 (38th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 52% (see Table 2). If a 3rd grade ELL student obtained an ISIP score of 234 (30th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 51% (see Table 4). Similarly, if a 3rd grade non-ELL student obtained an ISIP score of 240 (41st percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 51% (see Table 6).

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*Projected Proficiency of Level 4 or Higher: A student meets expectations for the assessed standards at the CMAS ELA 750.*

If a 3rd grade student obtained an ISIP score of 252 (65th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 52% (see Table 3). If a 3rd grade ELL student obtained an ISIP score of 254 (69th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 51% (see Table 5). Similarly, if a 3rd grade non-ELL student obtained an ISIP score of 251 (63rd percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 50% (see Table 7).

*Projected Proficiency of Level 5: A student exceeds expectations for the assessed standards at the CMAS ELA 810.*

If a 3rd grade student obtained an ISIP score of 286 (99th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 5 in spring is 31% (see Table 3); broken out, the probability of obtaining a CMAS ELA performance level 5 in spring reduced to 19% for ELL students (see Table 5) but increased to 35% for non-ELL students (see Table 7).

### **4th Grade Students**

*Projected Proficiency of Level 2 or Higher: A student partially meets expectations for the assessed standards at the CMAS ELA 700.*

Results show that if a 4th grade student obtained an ISIP score of 1636 (8th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 50% (see Table 8). If a 4th grade ELL student obtained an ISIP score of



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1590 (5th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 52% (see Table 10). Similarly, if a 4th grade non-ELL student obtained an ISIP score of 1703 (15th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 51% (see Table 12).

*Projected Proficiency of Level 3 or Higher: A student approaches expectations for the assessed standards at the CMAS ELA 725.*

If a 4th grade student obtained an ISIP score of 1810 (33rd percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 51% (see Table 8). If a 4th grade ELL student obtained ISIP Overall Reading Ability score of 1795 (30th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 50% (see Table 10). Similarly, if a 4th grade non-ELL student obtained an ISIP score of 1829 (37th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 51% (see Table 12).

*Projected Proficiency of Level 4 or Higher: A student meets expectations for the assessed standards at the CMAS ELA 750.*

If a 4th grade student obtained an ISIP score of 1951 (64th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 51% (see Table 9). If a 4th grade ELL student obtained an ISIP score of 1971 (68th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 51% (see Table 11). Similarly, if a 4th grade non-ELL student obtained an ISIP score of 1947 (63rd percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 52% (see Table 13).

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*Projected Proficiency of Level 5: A student exceeds expectations for the assessed standards at the CMAS ELA 790.*

If a 4th grade student obtained an ISIP score of 2211 (97th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 5 in spring is 53% (see Table 9). If a 4th grade ELL student obtained an ISIP score of 2275 (99th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 5 in spring is 51% (see Table 11). Similarly, if a 4th grade non-ELL student obtained an ISIP score of 2190 (96th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 5 in spring is 51% (see Table 13).

### **5th Grade Students**

*Projected Proficiency of Level 2 or Higher: A student partially meets expectations for the assessed standards at the CMAS ELA 700.*

Results show that if a 5th grade student obtained an ISIP score of 1730 (10th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA Performance level 2 or higher in spring is 50% (see Table 14). If a 5th grade ELL student obtained an ISIP score of 1719 (9th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 50% (see Table 16). Similarly, if a 5th grade non-ELL student obtained an ISIP score of 1750 (12th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 2 or higher in spring is 51% (see Table 18).

*Projected Proficiency of Level 3 or Higher: A student approaches expectations for the assessed standards at the CMAS ELA 725.*

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If a 5th grade student obtained an ISIP score of 1881 (32nd percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 52% (see Table 14). If a 5th grade ELL student obtained an ISIP score of 1881 (32nd percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 52% (see Table 16). Similarly, if a 5th grade non-ELL student obtained an ISIP score of 1886 (33rd percentile rank) in January, the probability of obtaining a CMAS ELA performance level 3 or higher in spring is 51% (see Table 18).

*Projected Proficiency of Level 4 or Higher: A student meets expectations for the assessed standards at the CMAS ELA 750.*

If a 5th grade student obtained an ISIP score of 2022 (62nd percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 50% (see Table 15). If a 5th grade ELL student obtained an ISIP score of 2056 (69th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 52% (see Table 17). Similarly, if a 5th grade non-ELL student obtained an ISIP score of 2022 (62nd percentile rank) in January, the probability of obtaining a CMAS ELA performance level 4 or higher in spring is 50% (see Table 19).

*Projected Proficiency of Level 5: A student exceeds expectations for the assessed standards at the CMAS ELA 799.*

If a 5th grade student obtained an ISIP score of 2364 (99th percentile rank) on the January assessment, the probability of obtaining a CMAS ELA performance level 5 in spring is 44% (see Table 15). If a 5th grade ELL student obtained an ISIP score of 2364 (99th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 5 in spring is less

than 1% (see Table 17). Similarly, if a 5th grade non-ELL student obtained an ISIP score of 2364 (96th percentile rank) in January, the probability of obtaining a CMAS ELA performance level 5 in spring is 42% (see Table 19).

### **Probability Bands: Low, Medium, and High**

This study also provides the low, medium, and high probabilities of obtaining the CMAS ELA performance levels 2, 3, and 4 and higher in spring based on the middle-of-the-year scores (see Table 20). The students' scores showed normal distribution across all grades. Within each grade, the scores are normally distributed for ELL students and non-ELL students. The 0.33 and 0.66 probabilities are used as cut points to create three equal probability bands of obtaining a specific CMAS ELA level. If a student has less than a 0.33 probability of achieving a level, that is considered low probability. Medium probabilities are from 0.33 to 0.66, and high probabilities are 0.66 and higher. Teachers can use ISIP scores in this table to encourage students to improve their reading ability in order to meet CMAS ELA performance standards in spring. For example, if a 3rd grade student scores less than 217 in January, this student has a low probability of obtaining a CMAS ELA performance level 2 in spring. If a 3rd grade student scores between 217 and 232 in January, this student has a medium probability of obtaining a CMAS ELA performance level 2 in spring. Moreover, if a 3rd grade student scores more than 232 in January, this particular student has a high probability of obtaining a CMAS ELA performance level 2 or higher in spring.

The results also show that ELL students performed lower than non-ELL students. Again teachers can use ISIP scores for ELL and non-ELL students to encourage students to improve their reading ability in order to meet CMAS ELA performance standards in spring. If a 3rd grade ELL student scores less than 212 in January, this ELL student has a low probability of obtaining

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a CMAS ELA performance level 2 in spring. If a 3rd grade ELL student scores between 212 and 228 in January, this ELL student has a medium probability of obtaining a CMAS ELA performance level 2 in spring. Moreover, if a 3rd grade ELL student scores more than 228 in January, this particular ELL student has a high probability of obtaining a CMAS ELA performance level 2 or higher in spring.

For non-ELL students, if a 3rd grade non-ELL student scores less than 224 in January, this non-ELL student has a low probability of obtaining a CMAS ELA performance level 2 in spring. If a 3rd grade non-ELL student scores between 224 and 235 in January, this non-ELL student has a medium probability of obtaining a CMAS ELA performance level 2 in spring. If a 3rd grade non-ELL student scores more than 235 in January, this particular non-ELL student has a high probability of obtaining a CMAS ELA performance level 2 or higher in spring.

### **Conclusions**

Results show that if a student obtained an ISIP score around the 65th percentile rank (65th, 64th, and 62nd percentile ranks for grades 3 through 5, respectively) in the middle-of-the-year assessment month, the probability of obtaining the CMAS ELA performance level 4 (meets expectations) or higher in spring is about 50%. For an ELL student who obtained an ISIP score around the 70th percentile rank (69th, 68th, and 69th percentile ranks for grades 3 through 5, respectively) and a non-ELL student who obtained an ISIP score around the 60th percentile rank (63rd, 63rd, and 62nd percentile ranks for grades 3 through 5, respectively) in the middle-of-the-year assessment month, the probability of obtaining the CMAS ELA performance level 4 or higher in spring is about 50%.

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Results also show that if a student was in Istation Tier 1 in the January assessment month, the probability of obtaining the CMAS ELA performance level 3 (approaches expectations) or higher in spring is more than 50%. To be more specific, if a 3rd grade student obtained an ISIP score at the 38th percentile rank, a 4th grade student at the 33rd percentile rank, and a 5th grade student at the 32nd percentile rank in the January assessment month, the probability of obtaining the CMAS ELA performance level 3 or higher in spring is about 50%. Moreover, for an ELL student who obtained an ISIP score around the 30th percentile rank (30th, 30th, and 32nd percentile ranks for grades 3 through 5, respectively) as well as a non-ELL student who obtained an ISIP score around the 40th percentile rank (41st, 37th, and 33rd percentile ranks for grades 3 through 5, respectively) in the January assessment month, the probability of obtaining the CMAS ELA performance level 3 or higher in spring is about 50%.

Results show that ISIP curriculum and ISIP assessments can definitely help prepare students for the CMAS ELA tests. If a student does very well on ISIP assessments, it is likely that he or she will do very well on CMAS ELA tests. The ISIP scores corresponding to percentile ranks and the probability of obtaining each CMAS ELA level are useful information for school administrators, superintendents, teachers, and parents to predict students' performance on CMAS ELA tests. Also, teachers can use ISIP scores to encourage students to improve their reading ability in order to meet CMAS ELA performance standards in spring.

To benefit from these results, teachers would ideally begin tracking their students' scores from the beginning of the school year. By comparing a student's ISIP score with the ISIP score and/or percentile rank provided in this study (see Tables 2 to 19), teachers can immediately see how much a student must improve his or her English reading ability in order to meet the CMAS ELA performance standards.

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For example, the findings show that the ISIP score for 3rd grade students to obtain the CMAS ELA performance level 4 with 50% probability is 252, which is the 65th percentile rank. If a 3rd grade student scores 230, which is the 32nd percentile rank at the beginning-of-the-year (September) assessment month, the teacher will know that this particular student has room to grow. The student will need about 22 more points to move from the 32nd percentile rank in September to the 65th percentile rank in January. The teacher can work closely with this student to improve his or her reading skills.

Even though this study suggests that teachers use ISIP scores as well as percentile ranks to prepare students for CMAS ELA tests, it must be understood that complete certainty of passing CMAS ELA test cannot be guaranteed. There are many other factors that may affect students' CMAS ELA scores besides their English reading ability. For example, if a student has a physical issue (i.e., sickness or stress) before or during the CMAS ELA test, he or she may or may not pass, despite having met the ISIP score. Also, this study used ISIP scores from January, and it must be understood that students need to continue improving their reading ability until they take CMAS ELA tests in spring.

### References

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Table 1: Colorado Measures of Academic Success English Language Arts (CMAS ELA) Assessment Program Cut Scores and Descriptive Statistics of Samples

Grade	Level 1	Level 2	Level 3	Level 4	Level 5
3	650–699	700–724	725–749	750–809	810–850
4	650–699	700–724	725–749	750–789	790–850
5	650–699	700–724	725–749	750–798	799–850

Grade	ISIP Mean		Istation Tier			CMAS Mean Scores	CMAS Proficiency Level				
	n	Scores	1	2	3		1	2	3	4	5
3	3883	240.86	2115	831	937	731.51	954	736	898	1150	145
4	4122	1862.54	2209	866	1047	734.79	689	933	1078	1160	262
5	3792	1953.63	2111	728	953	736.90	640	757	981	1242	172

Grade	ELL			Non-ELL			Re-designated/Exited		
	n	ISIP	CMAS ELA	n	ISIP	CMAS ELA	n	ISIP	CMAS ELA
3	1392	233.56	724.44	2484	244.90	735.35	7	258.33	772.29
4	1651	1775.40	723.11	2212	1911.01	740.44	259	2004.00	760.91
5	1500	1850.47	720.42	1920	2010.28	744.54	372	2077.17	763.90

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Table 2: 3rd Grade All Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
200	1	0.111	Low	0.021	Low
203	2	0.137	Low	0.028	Low
207	3	0.180	Low	0.043	Low
209	4	0.206	Low	0.053	Low
212	5	0.250	Low	0.071	Low
214	6	0.283	Low	0.086	Low
215	7	0.301	Low	0.095	Low
217	8	0.338	Medium	0.114	Low
218	9	0.358	Medium	0.125	Low
219	10	0.379	Medium	0.137	Low
220	11	0.400	Medium	0.149	Low
221	12	0.422	Medium	0.163	Low
222	13	0.445	Medium	0.177	Low
223	14	0.468	Medium	0.192	Low
224	15	0.491	Medium	0.208	Low
225	16	0.515	Medium	0.225	Low
225	17	0.515	Medium	0.225	Low
228	18	0.587	Medium	0.282	Low
227	19	0.562	Medium	0.262	Low
227	20	0.562	Medium	0.262	Low
228	21	0.587	Medium	0.282	Low
229	22	0.610	Medium	0.303	Low
229	23	0.610	Medium	0.303	Low
230	24	0.634	Medium	0.324	Low
231	25	0.658	Medium	0.347	Medium
231	26	0.658	Medium	0.347	Medium
232	27	0.681	High	0.370	Medium
232	28	0.681	High	0.370	Medium
233	29	0.704	High	0.393	Medium
234	30	0.726	High	0.417	Medium
234	31	0.726	High	0.417	Medium
235	32	0.747	High	0.442	Medium
235	33	0.747	High	0.442	Medium
236	34	0.768	High	0.467	Medium
236	35	0.768	High	0.467	Medium
236	36	0.768	High	0.467	Medium
237	37	0.787	High	0.492	Medium
238	38	0.806	High	0.517	Medium
238	39	0.806	High	0.517	Medium
239	40	0.824	High	0.543	Medium
240	41	0.841	High	0.568	Medium
240	42	0.841	High	0.568	Medium
241	43	0.857	High	0.593	Medium

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ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
241	44	0.857	High	0.593	Medium
242	45	0.872	High	0.618	Medium
242	46	0.872	High	0.618	Medium
243	47	0.885	High	0.642	Medium
243	48	0.885	High	0.642	Medium
244	49	0.898	High	0.666	High
244	50	0.898	High	0.666	High
245	51	0.910	High	0.689	High
245	52	0.910	High	0.689	High
246	53	0.920	High	0.712	High
246	54	0.920	High	0.712	High
247	55	0.930	High	0.733	High
247	56	0.930	High	0.733	High
248	57	0.939	High	0.754	High
248	58	0.939	High	0.754	High
249	59	0.947	High	0.774	High
249	60	0.947	High	0.774	High
250	61	0.954	High	0.793	High
250	62	0.954	High	0.793	High
251	63	0.960	High	0.811	High
251	64	0.960	High	0.811	High
252	65	0.965	High	0.827	High
252	66	0.965	High	0.827	High
253	67	0.970	High	0.843	High
253	68	0.970	High	0.843	High
254	69	0.975	High	0.858	High
254	70	0.975	High	0.858	High
255	71	0.978	High	0.872	High
255	72	0.978	High	0.872	High
256	73	0.982	High	0.884	High
256	74	0.982	High	0.884	High
257	75	0.984	High	0.896	High
257	76	0.984	High	0.896	High
257	77	0.984	High	0.896	High
258	78	0.987	High	0.906	High
259	79	0.989	High	0.916	High
260	80	0.991	High	0.925	High
261	81	0.992	High	0.933	High
261	82	0.992	High	0.933	High
262	83	0.993	High	0.941	High
263	84	0.995	High	0.947	High
264	85	0.995	High	0.953	High
265	86	0.996	High	0.959	High
266	87	0.997	High	0.963	High

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ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
267	88	0.997	High	0.968	High
268	89	0.998	High	0.972	High
269	90	0.998	High	0.975	High
270	91	0.999	High	0.978	High
271	92	0.999	High	0.981	High
272	93	0.999	High	0.983	High
274	94	0.999	High	0.987	High
275	95	0.999	High	0.989	High
277	96	1	High	0.991	High
279	97	1	High	0.993	High
282	98	1	High	0.996	High
286	99	1	High	0.998	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 3: 3rd Grade All Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
200	1	<0.001	Low	<0.001	Low
203	2	0.001	Low	<0.001	Low
207	3	0.002	Low	<0.001	Low
209	4	0.002	Low	<0.001	Low
212	5	0.004	Low	<0.001	Low
214	6	0.005	Low	<0.001	Low
215	7	0.006	Low	<0.001	Low
217	8	0.009	Low	<0.001	Low
218	9	0.011	Low	<0.001	Low
219	10	0.013	Low	<0.001	Low
220	11	0.015	Low	<0.001	Low
221	12	0.017	Low	<0.001	Low
222	13	0.020	Low	<0.001	Low
223	14	0.024	Low	<0.001	Low
224	15	0.028	Low	<0.001	Low
225	16	0.032	Low	<0.001	Low
225	17	0.032	Low	<0.001	Low
228	18	0.050	Low	0.001	Low
227	19	0.044	Low	0.001	Low
227	20	0.044	Low	0.001	Low
228	21	0.050	Low	0.001	Low
229	22	0.058	Low	0.001	Low
229	23	0.058	Low	0.001	Low
230	24	0.066	Low	0.001	Low
231	25	0.076	Low	0.001	Low
231	26	0.076	Low	0.001	Low
232	27	0.087	Low	0.001	Low
232	28	0.087	Low	0.001	Low
233	29	0.098	Low	0.002	Low
234	30	0.111	Low	0.002	Low
234	31	0.111	Low	0.002	Low
235	32	0.125	Low	0.003	Low
235	33	0.125	Low	0.003	Low
236	34	0.141	Low	0.003	Low
236	35	0.141	Low	0.003	Low
236	36	0.141	Low	0.003	Low
237	37	0.157	Low	0.004	Low
238	38	0.175	Low	0.004	Low
238	39	0.175	Low	0.004	Low
239	40	0.194	Low	0.005	Low
240	41	0.215	Low	0.006	Low
240	42	0.215	Low	0.006	Low
241	43	0.236	Low	0.007	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
241	44	0.236	Low	0.007	Low
242	45	0.259	Low	0.008	Low
242	46	0.259	Low	0.008	Low
243	47	0.283	Low	0.009	Low
243	48	0.283	Low	0.009	Low
244	49	0.308	Low	0.011	Low
244	50	0.308	Low	0.011	Low
245	51	0.334	Medium	0.012	Low
245	52	0.334	Medium	0.012	Low
246	53	0.360	Medium	0.014	Low
246	54	0.360	Medium	0.014	Low
247	55	0.387	Medium	0.016	Low
247	56	0.387	Medium	0.016	Low
248	57	0.414	Medium	0.018	Low
248	58	0.414	Medium	0.018	Low
249	59	0.442	Medium	0.021	Low
249	60	0.442	Medium	0.021	Low
250	61	0.469	Medium	0.023	Low
250	62	0.469	Medium	0.023	Low
251	63	0.497	Medium	0.026	Low
251	64	0.497	Medium	0.026	Low
252	65	0.524	Medium	0.029	Low
252	66	0.524	Medium	0.029	Low
253	67	0.551	Medium	0.032	Low
253	68	0.551	Medium	0.032	Low
254	69	0.578	Medium	0.036	Low
254	70	0.578	Medium	0.036	Low
255	71	0.604	Medium	0.040	Low
255	72	0.604	Medium	0.040	Low
256	73	0.629	Medium	0.044	Low
256	74	0.629	Medium	0.044	Low
257	75	0.653	Medium	0.048	Low
257	76	0.653	Medium	0.048	Low
257	77	0.653	Medium	0.048	Low
258	78	0.677	High	0.052	Low
259	79	0.699	High	0.057	Low
260	80	0.720	High	0.062	Low
261	81	0.741	High	0.068	Low
261	82	0.741	High	0.068	Low
262	83	0.760	High	0.074	Low
263	84	0.779	High	0.079	Low
264	85	0.796	High	0.086	Low
265	86	0.812	High	0.092	Low
266	87	0.827	High	0.099	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
267	88	0.841	High	0.106	Low
268	89	0.854	High	0.114	Low
269	90	0.867	High	0.122	Low
270	91	0.878	High	0.130	Low
271	92	0.889	High	0.138	Low
272	93	0.898	High	0.147	Low
274	94	0.916	High	0.166	Low
275	95	0.923	High	0.175	Low
277	96	0.937	High	0.196	Low
279	97	0.948	High	0.218	Low
282	98	0.961	High	0.253	Low
286	99	0.975	High	0.305	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 4: 3rd Grade ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
200	1	0.226	Low	0.082	Low
203	2	0.264	Low	0.101	Low
207	3	0.322	Low	0.132	Low
209	4	0.353	Low	0.151	Low
212	5	0.404	Medium	0.181	Low
214	6	0.440	Medium	0.204	Low
215	7	0.458	Medium	0.216	Low
217	8	0.495	Medium	0.242	Low
218	9	0.513	Medium	0.255	Low
219	10	0.532	Medium	0.269	Low
220	11	0.551	Medium	0.284	Low
221	12	0.570	Medium	0.298	Low
222	13	0.589	Medium	0.313	Low
223	14	0.607	Medium	0.329	Low
224	15	0.626	Medium	0.345	Medium
225	16	0.644	Medium	0.361	Medium
225	17	0.644	Medium	0.361	Medium
228	18	0.698	High	0.410	Medium
227	19	0.680	High	0.394	Medium
227	20	0.680	High	0.394	Medium
228	21	0.698	High	0.410	Medium
229	22	0.715	High	0.427	Medium
229	23	0.715	High	0.427	Medium
230	24	0.731	High	0.444	Medium
231	25	0.747	High	0.461	Medium
231	26	0.747	High	0.461	Medium
232	27	0.763	High	0.479	Medium
232	28	0.763	High	0.479	Medium
233	29	0.778	High	0.496	Medium
234	30	0.793	High	0.513	Medium
234	31	0.793	High	0.513	Medium
235	32	0.807	High	0.530	Medium
235	33	0.807	High	0.530	Medium
236	34	0.820	High	0.548	Medium
236	35	0.820	High	0.548	Medium
236	36	0.820	High	0.548	Medium
237	37	0.833	High	0.565	Medium
238	38	0.845	High	0.582	Medium
238	39	0.845	High	0.582	Medium
239	40	0.857	High	0.598	Medium
240	41	0.868	High	0.615	Medium
240	42	0.868	High	0.615	Medium
241	43	0.878	High	0.631	Medium



ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
241	44	0.878	High	0.631	Medium
242	45	0.888	High	0.647	Medium
242	46	0.888	High	0.647	Medium
243	47	0.897	High	0.663	High
243	48	0.897	High	0.663	High
244	49	0.906	High	0.678	High
244	50	0.906	High	0.678	High
245	51	0.914	High	0.693	High
245	52	0.914	High	0.693	High
246	53	0.921	High	0.708	High
246	54	0.921	High	0.708	High
247	55	0.928	High	0.723	High
247	56	0.928	High	0.723	High
248	57	0.935	High	0.737	High
248	58	0.935	High	0.737	High
249	59	0.941	High	0.750	High
249	60	0.941	High	0.750	High
250	61	0.947	High	0.763	High
250	62	0.947	High	0.763	High
251	63	0.952	High	0.776	High
251	64	0.952	High	0.776	High
252	65	0.956	High	0.788	High
252	66	0.956	High	0.788	High
253	67	0.961	High	0.800	High
253	68	0.961	High	0.800	High
254	69	0.965	High	0.812	High
254	70	0.965	High	0.812	High
255	71	0.968	High	0.823	High
255	72	0.968	High	0.823	High
256	73	0.972	High	0.833	High
256	74	0.972	High	0.833	High
257	75	0.974	High	0.843	High
257	76	0.974	High	0.843	High
257	77	0.974	High	0.843	High
258	78	0.977	High	0.853	High
259	79	0.980	High	0.862	High
260	80	0.982	High	0.871	High
261	81	0.984	High	0.879	High
261	82	0.984	High	0.879	High
262	83	0.986	High	0.887	High
263	84	0.987	High	0.894	High
264	85	0.989	High	0.901	High
265	86	0.990	High	0.908	High
266	87	0.991	High	0.914	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
267	88	0.992	High	0.920	High
268	89	0.993	High	0.926	High
269	90	0.994	High	0.931	High
270	91	0.995	High	0.936	High
271	92	0.995	High	0.940	High
272	93	0.996	High	0.945	High
274	94	0.997	High	0.953	High
275	95	0.997	High	0.956	High
277	96	0.998	High	0.963	High
279	97	0.998	High	0.968	High
282	98	0.999	High	0.975	High
286	99	0.999	High	0.982	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 5: 3rd Grade ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
200	1	0.005	Low	<0.001	Low
203	2	0.008	Low	<0.001	Low
207	3	0.013	Low	<0.001	Low
209	4	0.016	Low	<0.001	Low
212	5	0.023	Low	0.001	Low
214	6	0.028	Low	0.001	Low
215	7	0.031	Low	0.001	Low
217	8	0.039	Low	0.001	Low
218	9	0.043	Low	0.001	Low
219	10	0.047	Low	0.002	Low
220	11	0.052	Low	0.002	Low
221	12	0.058	Low	0.002	Low
222	13	0.064	Low	0.002	Low
223	14	0.070	Low	0.003	Low
224	15	0.077	Low	0.003	Low
225	16	0.084	Low	0.003	Low
225	17	0.084	Low	0.003	Low
228	18	0.109	Low	0.005	Low
227	19	0.100	Low	0.004	Low
227	20	0.100	Low	0.004	Low
228	21	0.109	Low	0.005	Low
229	22	0.119	Low	0.005	Low
229	23	0.119	Low	0.005	Low
230	24	0.129	Low	0.006	Low
231	25	0.139	Low	0.007	Low
231	26	0.139	Low	0.007	Low
232	27	0.151	Low	0.007	Low
232	28	0.151	Low	0.007	Low
233	29	0.162	Low	0.008	Low
234	30	0.175	Low	0.009	Low
234	31	0.175	Low	0.009	Low
235	32	0.188	Low	0.010	Low
235	33	0.188	Low	0.010	Low
236	34	0.201	Low	0.011	Low
236	35	0.201	Low	0.011	Low
236	36	0.201	Low	0.011	Low
237	37	0.216	Low	0.012	Low
238	38	0.230	Low	0.013	Low
238	39	0.230	Low	0.013	Low
239	40	0.245	Low	0.014	Low
240	41	0.261	Low	0.016	Low
240	42	0.261	Low	0.016	Low
241	43	0.277	Low	0.017	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
241	44	0.277	Low	0.017	Low
242	45	0.294	Low	0.019	Low
242	46	0.294	Low	0.019	Low
243	47	0.311	Low	0.021	Low
243	48	0.311	Low	0.021	Low
244	49	0.328	Low	0.022	Low
244	50	0.328	Low	0.022	Low
245	51	0.346	Medium	0.024	Low
245	52	0.346	Medium	0.024	Low
246	53	0.364	Medium	0.026	Low
246	54	0.364	Medium	0.026	Low
247	55	0.382	Medium	0.028	Low
247	56	0.382	Medium	0.028	Low
248	57	0.400	Medium	0.030	Low
248	58	0.400	Medium	0.030	Low
249	59	0.419	Medium	0.033	Low
249	60	0.419	Medium	0.033	Low
250	61	0.437	Medium	0.035	Low
250	62	0.437	Medium	0.035	Low
251	63	0.456	Medium	0.038	Low
251	64	0.456	Medium	0.038	Low
252	65	0.475	Medium	0.040	Low
252	66	0.475	Medium	0.040	Low
253	67	0.493	Medium	0.043	Low
253	68	0.493	Medium	0.043	Low
254	69	0.512	Medium	0.046	Low
254	70	0.512	Medium	0.046	Low
255	71	0.530	Medium	0.049	Low
255	72	0.530	Medium	0.049	Low
256	73	0.548	Medium	0.052	Low
256	74	0.548	Medium	0.052	Low
257	75	0.566	Medium	0.055	Low
257	76	0.566	Medium	0.055	Low
257	77	0.566	Medium	0.055	Low
258	78	0.584	Medium	0.058	Low
259	79	0.601	Medium	0.062	Low
260	80	0.619	Medium	0.065	Low
261	81	0.635	Medium	0.069	Low
261	82	0.635	Medium	0.069	Low
262	83	0.652	Medium	0.072	Low
263	84	0.668	High	0.076	Low
264	85	0.683	High	0.080	Low
265	86	0.698	High	0.084	Low
266	87	0.713	High	0.088	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
267	88	0.727	High	0.092	Low
268	89	0.741	High	0.096	Low
269	90	0.754	High	0.100	Low
270	91	0.767	High	0.105	Low
271	92	0.779	High	0.109	Low
272	93	0.791	High	0.114	Low
274	94	0.813	High	0.123	Low
275	95	0.823	High	0.128	Low
277	96	0.842	High	0.137	Low
279	97	0.860	High	0.147	Low
282	98	0.883	High	0.163	Low
286	99	0.908	High	0.185	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 6: 3rd Grade Non-ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
200	1	0.041	Low	0.002	Low
203	2	0.055	Low	0.003	Low
207	3	0.079	Low	0.006	Low
209	4	0.095	Low	0.009	Low
212	5	0.125	Low	0.014	Low
214	6	0.150	Low	0.019	Low
215	7	0.164	Low	0.023	Low
217	8	0.195	Low	0.031	Low
218	9	0.213	Low	0.036	Low
219	10	0.231	Low	0.042	Low
220	11	0.251	Low	0.049	Low
221	12	0.273	Low	0.057	Low
222	13	0.296	Low	0.066	Low
223	14	0.320	Low	0.077	Low
224	15	0.346	Medium	0.088	Low
225	16	0.373	Medium	0.102	Low
225	17	0.373	Medium	0.102	Low
228	18	0.460	Medium	0.151	Low
227	19	0.430	Medium	0.133	Low
227	20	0.430	Medium	0.133	Low
228	21	0.460	Medium	0.151	Low
229	22	0.491	Medium	0.171	Low
229	23	0.491	Medium	0.171	Low
230	24	0.523	Medium	0.193	Low
231	25	0.555	Medium	0.218	Low
231	26	0.555	Medium	0.218	Low
232	27	0.588	Medium	0.244	Low
232	28	0.588	Medium	0.244	Low
233	29	0.620	Medium	0.272	Low
234	30	0.652	Medium	0.301	Low
234	31	0.652	Medium	0.301	Low
235	32	0.683	High	0.333	Medium
235	33	0.683	High	0.333	Medium
236	34	0.714	High	0.366	Medium
236	35	0.714	High	0.366	Medium
236	36	0.714	High	0.366	Medium
237	37	0.743	High	0.400	Medium
238	38	0.771	High	0.435	Medium
238	39	0.771	High	0.435	Medium
239	40	0.798	High	0.471	Medium
240	41	0.822	High	0.507	Medium
240	42	0.822	High	0.507	Medium
241	43	0.845	High	0.543	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
241	44	0.845	High	0.543	Medium
242	45	0.866	High	0.579	Medium
242	46	0.866	High	0.579	Medium
243	47	0.885	High	0.614	Medium
243	48	0.885	High	0.614	Medium
244	49	0.902	High	0.648	Medium
244	50	0.902	High	0.648	Medium
245	51	0.917	High	0.681	High
245	52	0.917	High	0.681	High
246	53	0.930	High	0.713	High
246	54	0.930	High	0.713	High
247	55	0.942	High	0.743	High
247	56	0.942	High	0.743	High
248	57	0.952	High	0.770	High
248	58	0.952	High	0.770	High
249	59	0.960	High	0.796	High
249	60	0.960	High	0.796	High
250	61	0.968	High	0.820	High
250	62	0.968	High	0.820	High
251	63	0.974	High	0.842	High
251	64	0.974	High	0.842	High
252	65	0.979	High	0.862	High
252	66	0.979	High	0.862	High
253	67	0.983	High	0.880	High
253	68	0.983	High	0.880	High
254	69	0.986	High	0.896	High
254	70	0.986	High	0.896	High
255	71	0.989	High	0.910	High
255	72	0.989	High	0.910	High
256	73	0.991	High	0.922	High
256	74	0.991	High	0.922	High
257	75	0.993	High	0.933	High
257	76	0.993	High	0.933	High
257	77	0.993	High	0.933	High
258	78	0.995	High	0.943	High
259	79	0.996	High	0.951	High
260	80	0.997	High	0.959	High
261	81	0.997	High	0.965	High
261	82	0.997	High	0.965	High
262	83	0.998	High	0.970	High
263	84	0.998	High	0.975	High
264	85	0.999	High	0.979	High
265	86	0.999	High	0.982	High
266	87	0.999	High	0.985	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
267	88	0.999	High	0.988	High
268	89	1	High	0.990	High
269	90	1	High	0.991	High
270	91	1	High	0.993	High
271	92	1	High	0.994	High
272	93	1	High	0.995	High
274	94	1	High	0.997	High
275	95	1	High	0.997	High
277	96	1	High	0.998	High
279	97	1	High	0.999	High
282	98	1	High	0.999	High
286	99	1	High	1	High



ISIP™ READING AND CMAS ELA LINKING STUDY

Table 7: 3rd Grade Non-ELL Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
200	1	<0.001	Low	<0.001	Low
203	2	<0.001	Low	<0.001	Low
207	3	<0.001	Low	<0.001	Low
209	4	<0.001	Low	<0.001	Low
212	5	<0.001	Low	<0.001	Low
214	6	0.001	Low	<0.001	Low
215	7	0.001	Low	<0.001	Low
217	8	0.001	Low	<0.001	Low
218	9	0.002	Low	<0.001	Low
219	10	0.002	Low	<0.001	Low
220	11	0.003	Low	<0.001	Low
221	12	0.004	Low	<0.001	Low
222	13	0.005	Low	<0.001	Low
223	14	0.006	Low	<0.001	Low
224	15	0.007	Low	<0.001	Low
225	16	0.009	Low	<0.001	Low
225	17	0.009	Low	<0.001	Low
228	18	0.018	Low	<0.001	Low
227	19	0.015	Low	<0.001	Low
227	20	0.015	Low	<0.001	Low
228	21	0.018	Low	<0.001	Low
229	22	0.023	Low	<0.001	Low
229	23	0.023	Low	<0.001	Low
230	24	0.028	Low	<0.001	Low
231	25	0.034	Low	<0.001	Low
231	26	0.034	Low	<0.001	Low
232	27	0.042	Low	<0.001	Low
232	28	0.042	Low	<0.001	Low
233	29	0.051	Low	<0.001	Low
234	30	0.061	Low	0.001	Low
234	31	0.061	Low	0.001	Low
235	32	0.073	Low	0.001	Low
235	33	0.073	Low	0.001	Low
236	34	0.087	Low	0.001	Low
236	35	0.087	Low	0.001	Low
236	36	0.087	Low	0.001	Low
237	37	0.103	Low	0.001	Low
238	38	0.121	Low	0.002	Low
238	39	0.121	Low	0.002	Low
239	40	0.141	Low	0.002	Low
240	41	0.163	Low	0.003	Low
240	42	0.163	Low	0.003	Low
241	43	0.187	Low	0.003	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
241	44	0.187	Low	0.003	Low
242	45	0.213	Low	0.004	Low
242	46	0.213	Low	0.004	Low
243	47	0.241	Low	0.005	Low
243	48	0.241	Low	0.005	Low
244	49	0.270	Low	0.006	Low
244	50	0.270	Low	0.006	Low
245	51	0.301	Low	0.007	Low
245	52	0.301	Low	0.007	Low
246	53	0.334	Medium	0.008	Low
246	54	0.334	Medium	0.008	Low
247	55	0.367	Medium	0.010	Low
247	56	0.367	Medium	0.010	Low
248	57	0.401	Medium	0.011	Low
248	58	0.401	Medium	0.011	Low
249	59	0.435	Medium	0.013	Low
249	60	0.435	Medium	0.013	Low
250	61	0.469	Medium	0.015	Low
250	62	0.469	Medium	0.015	Low
251	63	0.503	Medium	0.018	Low
251	64	0.503	Medium	0.018	Low
252	65	0.537	Medium	0.020	Low
252	66	0.537	Medium	0.020	Low
253	67	0.569	Medium	0.023	Low
253	68	0.569	Medium	0.023	Low
254	69	0.601	Medium	0.027	Low
254	70	0.601	Medium	0.027	Low
255	71	0.631	Medium	0.030	Low
255	72	0.631	Medium	0.030	Low
256	73	0.661	High	0.034	Low
256	74	0.661	High	0.034	Low
257	75	0.688	High	0.038	Low
257	76	0.688	High	0.038	Low
257	77	0.688	High	0.038	Low
258	78	0.714	High	0.042	Low
259	79	0.739	High	0.047	Low
260	80	0.762	High	0.052	Low
261	81	0.783	High	0.058	Low
261	82	0.783	High	0.058	Low
262	83	0.803	High	0.063	Low
263	84	0.822	High	0.070	Low
264	85	0.839	High	0.076	Low
265	86	0.854	High	0.083	Low
266	87	0.869	High	0.091	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
267	88	0.882	High	0.099	Low
268	89	0.894	High	0.107	Low
269	90	0.904	High	0.116	Low
270	91	0.914	High	0.125	Low
271	92	0.923	High	0.135	Low
272	93	0.931	High	0.145	Low
274	94	0.945	High	0.168	Low
275	95	0.951	High	0.180	Low
277	96	0.961	High	0.206	Low
279	97	0.970	High	0.234	Low
282	98	0.979	High	0.280	Low
286	99	0.987	High	0.348	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 8: 4th Grade All Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1483	1	0.222	Low	0.020	Low
1506	2	0.254	Low	0.026	Low
1553	3	0.333	Low	0.047	Low
1570	4	0.365	Medium	0.058	Low
1590	5	0.405	Medium	0.073	Low
1607	6	0.440	Medium	0.088	Low
1622	7	0.473	Medium	0.104	Low
1636	8	0.504	Medium	0.121	Low
1647	9	0.529	Medium	0.136	Low
1658	10	0.555	Medium	0.151	Low
1668	11	0.578	Medium	0.167	Low
1678	12	0.601	Medium	0.184	Low
1687	13	0.621	Medium	0.200	Low
1698	14	0.647	Medium	0.221	Low
1703	15	0.658	Medium	0.231	Low
1711	16	0.676	High	0.248	Low
1718	17	0.692	High	0.264	Low
1725	18	0.707	High	0.279	Low
1732	19	0.722	High	0.296	Low
1738	20	0.735	High	0.310	Low
1744	21	0.747	High	0.325	Low
1751	22	0.762	High	0.343	Medium
1757	23	0.774	High	0.359	Medium
1762	24	0.784	High	0.372	Medium
1768	25	0.795	High	0.388	Medium
1774	26	0.806	High	0.405	Medium
1779	27	0.815	High	0.419	Medium
1785	28	0.826	High	0.436	Medium
1790	29	0.835	High	0.451	Medium
1795	30	0.843	High	0.465	Medium
1800	31	0.851	High	0.480	Medium
1805	32	0.859	High	0.494	Medium
1810	33	0.867	High	0.509	Medium
1815	34	0.874	High	0.524	Medium
1820	35	0.881	High	0.539	Medium
1825	36	0.888	High	0.554	Medium
1829	37	0.893	High	0.566	Medium
1834	38	0.900	High	0.581	Medium
1839	39	0.906	High	0.596	Medium
1843	40	0.911	High	0.608	Medium
1848	41	0.916	High	0.622	Medium
1852	42	0.921	High	0.634	Medium
1857	43	0.926	High	0.648	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1861	44	0.930	High	0.660	High
1866	45	0.935	High	0.674	High
1870	46	0.938	High	0.685	High
1875	47	0.943	High	0.699	High
1879	48	0.946	High	0.710	High
1884	49	0.950	High	0.723	High
1888	50	0.953	High	0.734	High
1893	51	0.957	High	0.747	High
1897	52	0.959	High	0.757	High
1901	53	0.962	High	0.767	High
1906	54	0.965	High	0.779	High
1910	55	0.967	High	0.788	High
1915	56	0.970	High	0.800	High
1919	57	0.972	High	0.809	High
1924	58	0.974	High	0.820	High
1928	59	0.976	High	0.828	High
1933	60	0.978	High	0.838	High
1937	61	0.980	High	0.846	High
1942	62	0.982	High	0.855	High
1947	63	0.983	High	0.864	High
1951	64	0.985	High	0.871	High
1956	65	0.986	High	0.880	High
1961	66	0.987	High	0.887	High
1966	67	0.989	High	0.895	High
1971	68	0.990	High	0.902	High
1976	69	0.991	High	0.909	High
1981	70	0.992	High	0.915	High
1986	71	0.992	High	0.922	High
1991	72	0.993	High	0.927	High
1996	73	0.994	High	0.933	High
2002	74	0.995	High	0.939	High
2007	75	0.995	High	0.943	High
2013	76	0.996	High	0.949	High
2018	77	0.996	High	0.953	High
2024	78	0.997	High	0.957	High
2030	79	0.997	High	0.961	High
2036	80	0.998	High	0.965	High
2043	81	0.998	High	0.969	High
2049	82	0.998	High	0.972	High
2056	83	0.999	High	0.976	High
2063	84	0.999	High	0.979	High
2070	85	0.999	High	0.981	High
2078	86	0.999	High	0.984	High
2086	87	0.999	High	0.986	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2094	88	0.999	High	0.988	High
2103	89	1	High	0.990	High
2112	90	1	High	0.992	High
2122	91	1	High	0.993	High
2133	92	1	High	0.995	High
2145	93	1	High	0.996	High
2158	94	1	High	0.997	High
2173	95	1	High	0.998	High
2190	96	1	High	0.999	High
2211	97	1	High	0.999	High
2237	98	1	High	1	High
2275	99	1	High	1	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 9: 4th Grade All Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1483	1	<0.001	Low	<0.001	Low
1506	2	<0.001	Low	<0.001	Low
1553	3	0.001	Low	<0.001	Low
1570	4	0.001	Low	<0.001	Low
1590	5	0.002	Low	<0.001	Low
1607	6	0.003	Low	<0.001	Low
1622	7	0.004	Low	<0.001	Low
1636	8	0.005	Low	<0.001	Low
1647	9	0.006	Low	<0.001	Low
1658	10	0.007	Low	<0.001	Low
1668	11	0.009	Low	<0.001	Low
1678	12	0.011	Low	<0.001	Low
1687	13	0.013	Low	<0.001	Low
1698	14	0.017	Low	<0.001	Low
1703	15	0.018	Low	<0.001	Low
1711	16	0.021	Low	<0.001	Low
1718	17	0.024	Low	<0.001	Low
1725	18	0.028	Low	<0.001	Low
1732	19	0.031	Low	<0.001	Low
1738	20	0.035	Low	<0.001	Low
1744	21	0.039	Low	<0.001	Low
1751	22	0.044	Low	<0.001	Low
1757	23	0.049	Low	<0.001	Low
1762	24	0.053	Low	<0.001	Low
1768	25	0.059	Low	<0.001	Low
1774	26	0.065	Low	<0.001	Low
1779	27	0.070	Low	<0.001	Low
1785	28	0.077	Low	<0.001	Low
1790	29	0.083	Low	0.001	Low
1795	30	0.090	Low	0.001	Low
1800	31	0.097	Low	0.001	Low
1805	32	0.105	Low	0.001	Low
1810	33	0.113	Low	0.001	Low
1815	34	0.121	Low	0.001	Low
1820	35	0.130	Low	0.001	Low
1825	36	0.140	Low	0.001	Low
1829	37	0.147	Low	0.002	Low
1834	38	0.158	Low	0.002	Low
1839	39	0.168	Low	0.002	Low
1843	40	0.177	Low	0.002	Low
1848	41	0.189	Low	0.003	Low
1852	42	0.199	Low	0.003	Low
1857	43	0.211	Low	0.003	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1861	44	0.222	Low	0.003	Low
1866	45	0.235	Low	0.004	Low
1870	46	0.246	Low	0.004	Low
1875	47	0.260	Low	0.005	Low
1879	48	0.272	Low	0.005	Low
1884	49	0.287	Low	0.006	Low
1888	50	0.299	Low	0.006	Low
1893	51	0.314	Low	0.007	Low
1897	52	0.327	Low	0.008	Low
1901	53	0.340	Medium	0.009	Low
1906	54	0.356	Medium	0.010	Low
1910	55	0.370	Medium	0.010	Low
1915	56	0.387	Medium	0.012	Low
1919	57	0.400	Medium	0.013	Low
1924	58	0.417	Medium	0.014	Low
1928	59	0.431	Medium	0.015	Low
1933	60	0.449	Medium	0.017	Low
1937	61	0.463	Medium	0.018	Low
1942	62	0.480	Medium	0.020	Low
1947	63	0.497	Medium	0.022	Low
1951	64	0.511	Medium	0.023	Low
1956	65	0.529	Medium	0.026	Low
1961	66	0.546	Medium	0.028	Low
1966	67	0.563	Medium	0.031	Low
1971	68	0.580	Medium	0.033	Low
1976	69	0.596	Medium	0.036	Low
1981	70	0.613	Medium	0.040	Low
1986	71	0.629	Medium	0.043	Low
1991	72	0.645	Medium	0.047	Low
1996	73	0.660	High	0.051	Low
2002	74	0.678	High	0.056	Low
2007	75	0.693	High	0.060	Low
2013	76	0.710	High	0.066	Low
2018	77	0.724	High	0.071	Low
2024	78	0.740	High	0.078	Low
2030	79	0.756	High	0.085	Low
2036	80	0.771	High	0.093	Low
2043	81	0.788	High	0.102	Low
2049	82	0.801	High	0.111	Low
2056	83	0.816	High	0.121	Low
2063	84	0.831	High	0.133	Low
2070	85	0.844	High	0.145	Low
2078	86	0.859	High	0.160	Low
2086	87	0.872	High	0.176	Low



ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2094	88	0.884	High	0.193	Low
2103	89	0.897	High	0.213	Low
2112	90	0.909	High	0.235	Low
2122	91	0.921	High	0.260	Low
2133	92	0.932	High	0.290	Low
2145	93	0.943	High	0.324	Low
2158	94	0.954	High	0.363	Medium
2173	95	0.963	High	0.409	Medium
2190	96	0.972	High	0.464	Medium
2211	97	0.981	High	0.531	Medium
2237	98	0.988	High	0.612	Medium
2275	99	0.994	High	0.718	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 10: 4th Grade ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1483	1	0.335	Medium	0.049	Low
1506	2	0.372	Medium	0.061	Low
1553	3	0.455	Medium	0.095	Low
1570	4	0.486	Medium	0.110	Low
1590	5	0.524	Medium	0.131	Low
1607	6	0.557	Medium	0.151	Low
1622	7	0.586	Medium	0.170	Low
1636	8	0.613	Medium	0.189	Low
1647	9	0.634	Medium	0.205	Low
1658	10	0.655	Medium	0.223	Low
1668	11	0.674	High	0.239	Low
1678	12	0.692	High	0.256	Low
1687	13	0.709	High	0.272	Low
1698	14	0.728	High	0.293	Low
1703	15	0.737	High	0.303	Low
1711	16	0.750	High	0.318	Low
1718	17	0.762	High	0.332	Medium
1725	18	0.774	High	0.347	Medium
1732	19	0.785	High	0.361	Medium
1738	20	0.794	High	0.374	Medium
1744	21	0.804	High	0.387	Medium
1751	22	0.814	High	0.403	Medium
1757	23	0.823	High	0.416	Medium
1762	24	0.830	High	0.427	Medium
1768	25	0.838	High	0.441	Medium
1774	26	0.846	High	0.455	Medium
1779	27	0.853	High	0.466	Medium
1785	28	0.860	High	0.480	Medium
1790	29	0.867	High	0.492	Medium
1795	30	0.873	High	0.504	Medium
1800	31	0.879	High	0.516	Medium
1805	32	0.884	High	0.528	Medium
1810	33	0.809	High	0.540	Medium
1815	34	0.895	High	0.552	Medium
1820	35	0.900	High	0.563	Medium
1825	36	0.905	High	0.575	Medium
1829	37	0.909	High	0.585	Medium
1834	38	0.914	High	0.597	Medium
1839	39	0.918	High	0.609	Medium
1843	40	0.922	High	0.618	Medium
1848	41	0.926	High	0.630	Medium
1852	42	0.929	High	0.639	Medium
1857	43	0.933	High	0.651	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1861	44	0.936	High	0.660	High
1866	45	0.940	High	0.672	High
1870	46	0.943	High	0.681	High
1875	47	0.946	High	0.692	High
1879	48	0.949	High	0.701	High
1884	49	0.952	High	0.712	High
1888	50	0.954	High	0.721	High
1893	51	0.957	High	0.732	High
1897	52	0.959	High	0.740	High
1901	53	0.962	High	0.749	High
1906	54	0.964	High	0.759	High
1910	55	0.966	High	0.767	High
1915	56	0.968	High	0.777	High
1919	57	0.970	High	0.785	High
1924	58	0.972	High	0.794	High
1928	59	0.974	High	0.802	High
1933	60	0.976	High	0.811	High
1937	61	0.977	High	0.818	High
1942	62	0.979	High	0.827	High
1947	63	0.980	High	0.835	High
1951	64	0.981	High	0.842	High
1956	65	0.983	High	0.850	High
1961	66	0.984	High	0.858	High
1966	67	0.985	High	0.865	High
1971	68	0.987	High	0.872	High
1976	69	0.988	High	0.879	High
1981	70	0.989	High	0.886	High
1986	71	0.990	High	0.892	High
1991	72	0.990	High	0.898	High
1996	73	0.991	High	0.904	High
2002	74	0.992	High	0.911	High
2007	75	0.993	High	0.916	High
2013	76	0.994	High	0.922	High
2018	77	0.994	High	0.927	High
2024	78	0.995	High	0.933	High
2030	79	0.995	High	0.938	High
2036	80	0.996	High	0.943	High
2043	81	0.996	High	0.948	High
2049	82	0.997	High	0.952	High
2056	83	0.997	High	0.957	High
2063	84	0.998	High	0.961	High
2070	85	0.998	High	0.965	High
2078	86	0.998	High	0.969	High
2086	87	0.998	High	0.972	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2094	88	0.999	High	0.975	High
2103	89	0.999	High	0.979	High
2112	90	0.999	High	0.981	High
2122	91	0.999	High	0.984	High
2133	92	0.999	High	0.987	High
2145	93	1	High	0.989	High
2158	94	1	High	0.991	High
2173	95	1	High	0.993	High
2190	96	1	High	0.995	High
2211	97	1	High	0.997	High
2237	98	1	High	0.998	High
2275	99	1	High	0.999	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 11: 4th Grade ELL Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1483	1	0.001	Low	<0.001	Low
1506	2	0.001	Low	<0.001	Low
1553	3	0.002	Low	<0.001	Low
1570	4	0.003	Low	<0.001	Low
1590	5	0.004	Low	<0.001	Low
1607	6	0.005	Low	<0.001	Low
1622	7	0.007	Low	<0.001	Low
1636	8	0.009	Low	<0.001	Low
1647	9	0.010	Low	<0.001	Low
1658	10	0.013	Low	<0.001	Low
1668	11	0.015	Low	<0.001	Low
1678	12	0.017	Low	<0.001	Low
1687	13	0.020	Low	<0.001	Low
1698	14	0.024	Low	<0.001	Low
1703	15	0.026	Low	<0.001	Low
1711	16	0.029	Low	<0.001	Low
1718	17	0.033	Low	<0.001	Low
1725	18	0.036	Low	<0.001	Low
1732	19	0.040	Low	<0.001	Low
1738	20	0.044	Low	<0.001	Low
1744	21	0.048	Low	<0.001	Low
1751	22	0.053	Low	<0.001	Low
1757	23	0.058	Low	<0.001	Low
1762	24	0.062	Low	<0.001	Low
1768	25	0.067	Low	<0.001	Low
1774	26	0.073	Low	<0.001	Low
1779	27	0.078	Low	0.001	Low
1785	28	0.084	Low	0.001	Low
1790	29	0.090	Low	0.001	Low
1795	30	0.096	Low	0.001	Low
1800	31	0.102	Low	0.001	Low
1805	32	0.109	Low	0.001	Low
1810	33	0.116	Low	0.001	Low
1815	34	0.123	Low	0.001	Low
1820	35	0.130	Low	0.001	Low
1825	36	0.138	Low	0.001	Low
1829	37	0.145	Low	0.002	Low
1834	38	0.154	Low	0.002	Low
1839	39	0.163	Low	0.002	Low
1843	40	0.170	Low	0.002	Low
1848	41	0.180	Low	0.002	Low
1852	42	0.188	Low	0.003	Low
1857	43	0.198	Low	0.003	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1861	44	0.206	Low	0.003	Low
1866	45	0.217	Low	0.003	Low
1870	46	0.226	Low	0.004	Low
1875	47	0.238	Low	0.004	Low
1879	48	0.247	Low	0.004	Low
1884	49	0.260	Low	0.005	Low
1888	50	0.269	Low	0.005	Low
1893	51	0.282	Low	0.006	Low
1897	52	0.293	Low	0.006	Low
1901	53	0.303	Low	0.007	Low
1906	54	0.317	Low	0.007	Low
1910	55	0.328	Low	0.008	Low
1915	56	0.342	Medium	0.009	Low
1919	57	0.353	Medium	0.009	Low
1924	58	0.367	Medium	0.010	Low
1928	59	0.379	Medium	0.011	Low
1933	60	0.394	Medium	0.012	Low
1937	61	0.405	Medium	0.013	Low
1942	62	0.420	Medium	0.014	Low
1947	63	0.435	Medium	0.015	Low
1951	64	0.447	Medium	0.017	Low
1956	65	0.463	Medium	0.018	Low
1961	66	0.478	Medium	0.019	Low
1966	67	0.493	Medium	0.021	Low
1971	68	0.508	Medium	0.023	Low
1976	69	0.523	Medium	0.025	Low
1981	70	0.538	Medium	0.027	Low
1986	71	0.553	Medium	0.029	Low
1991	72	0.568	Medium	0.031	Low
1996	73	0.583	Medium	0.033	Low
2002	74	0.600	Medium	0.037	Low
2007	75	0.614	Medium	0.039	Low
2013	76	0.631	Medium	0.043	Low
2018	77	0.645	Medium	0.046	Low
2024	78	0.661	High	0.050	Low
2030	79	0.677	High	0.054	Low
2036	80	0.693	High	0.058	Low
2043	81	0.710	High	0.064	Low
2049	82	0.725	High	0.069	Low
2056	83	0.741	High	0.075	Low
2063	84	0.757	High	0.082	Low
2070	85	0.772	High	0.089	Low
2078	86	0.789	High	0.098	Low
2086	87	0.805	High	0.108	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2094	88	0.820	High	0.118	Low
2103	89	0.835	High	0.130	Low
2112	90	0.850	High	0.143	Low
2122	91	0.865	High	0.158	Low
2133	92	0.881	High	0.177	Low
2145	93	0.896	High	0.198	Low
2158	94	0.911	High	0.223	Low
2173	95	0.925	High	0.254	Low
2190	96	0.940	High	0.292	Low
2211	97	0.954	High	0.343	Medium
2237	98	0.968	High	0.409	Medium
2275	99	0.982	High	0.511	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 12: 4th Grade Non-ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1483	1	0.078	Low	0.003	Low
1506	2	0.098	Low	0.004	Low
1553	3	0.153	Low	0.010	Low
1570	4	0.179	Low	0.013	Low
1590	5	0.214	Low	0.019	Low
1607	6	0.248	Low	0.026	Low
1622	7	0.282	Low	0.034	Low
1636	8	0.316	Low	0.043	Low
1647	9	0.344	Medium	0.052	Low
1658	10	0.375	Medium	0.062	Low
1668	11	0.403	Medium	0.073	Low
1678	12	0.433	Medium	0.085	Low
1687	13	0.461	Medium	0.098	Low
1698	14	0.496	Medium	0.115	Low
1703	15	0.512	Medium	0.124	Low
1711	16	0.538	Medium	0.139	Low
1718	17	0.561	Medium	0.153	Low
1725	18	0.584	Medium	0.169	Low
1732	19	0.607	Medium	0.185	Low
1738	20	0.626	Medium	0.200	Low
1744	21	0.646	Medium	0.216	Low
1751	22	0.668	High	0.235	Low
1757	23	0.687	High	0.253	Low
1762	24	0.703	High	0.268	Low
1768	25	0.721	High	0.287	Low
1774	26	0.739	High	0.307	Low
1779	27	0.753	High	0.324	Low
1785	28	0.770	High	0.344	Medium
1790	29	0.784	High	0.362	Medium
1795	30	0.797	High	0.380	Medium
1800	31	0.810	High	0.399	Medium
1805	32	0.822	High	0.417	Medium
1810	33	0.834	High	0.436	Medium
1815	34	0.845	High	0.456	Medium
1820	35	0.856	High	0.475	Medium
1825	36	0.867	High	0.494	Medium
1829	37	0.875	High	0.510	Medium
1834	38	0.884	High	0.529	Medium
1839	39	0.893	High	0.549	Medium
1843	40	0.900	High	0.564	Medium
1848	41	0.908	High	0.583	Medium
1852	42	0.914	High	0.599	Medium
1857	43	0.922	High	0.617	Medium



ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1861	44	0.927	High	0.632	Medium
1866	45	0.934	High	0.651	Medium
1870	46	0.938	High	0.665	High
1875	47	0.944	High	0.683	High
1879	48	0.948	High	0.696	High
1884	49	0.953	High	0.713	High
1888	50	0.957	High	0.726	High
1893	51	0.961	High	0.742	High
1897	52	0.964	High	0.755	High
1901	53	0.967	High	0.767	High
1906	54	0.971	High	0.781	High
1910	55	0.973	High	0.793	High
1915	56	0.976	High	0.806	High
1919	57	0.978	High	0.816	High
1924	58	0.980	High	0.829	High
1928	59	0.982	High	0.838	High
1933	60	0.984	High	0.850	High
1937	61	0.986	High	0.859	High
1942	62	0.987	High	0.869	High
1947	63	0.989	High	0.879	High
1951	64	0.990	High	0.886	High
1956	65	0.991	High	0.895	High
1961	66	0.992	High	0.903	High
1966	67	0.993	High	0.911	High
1971	68	0.994	High	0.918	High
1976	69	0.995	High	0.925	High
1981	70	0.995	High	0.931	High
1986	71	0.996	High	0.937	High
1991	72	0.996	High	0.942	High
1996	73	0.997	High	0.947	High
2002	74	0.997	High	0.953	High
2007	75	0.998	High	0.957	High
2013	76	0.998	High	0.962	High
2018	77	0.998	High	0.965	High
2024	78	0.999	High	0.969	High
2030	79	0.999	High	0.972	High
2036	80	0.999	High	0.976	High
2043	81	0.999	High	0.979	High
2049	82	0.999	High	0.981	High
2056	83	0.999	High	0.984	High
2063	84	1	High	0.986	High
2070	85	1	High	0.988	High
2078	86	1	High	0.990	High
2086	87	1	High	0.992	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2094	88	1	High	0.993	High
2103	89	1	High	0.994	High
2112	90	1	High	0.995	High
2122	91	1	High	0.996	High
2133	92	1	High	0.997	High
2145	93	1	High	0.998	High
2158	94	1	High	0.999	High
2173	95	1	High	0.999	High
2190	96	1	High	0.999	High
2211	97	1	High	1	High
2237	98	1	High	1	High
2275	99	1	High	1	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 13: 4th Grade Non-ELL Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1483	1	<0.001	Low	<0.001	Low
1506	2	<0.001	Low	<0.001	Low
1553	3	<0.001	Low	<0.001	Low
1570	4	<0.001	Low	<0.001	Low
1590	5	<0.001	Low	<0.001	Low
1607	6	0.001	Low	<0.001	Low
1622	7	0.001	Low	<0.001	Low
1636	8	0.002	Low	<0.001	Low
1647	9	0.002	Low	<0.001	Low
1658	10	0.003	Low	<0.001	Low
1668	11	0.004	Low	<0.001	Low
1678	12	0.005	Low	<0.001	Low
1687	13	0.007	Low	<0.001	Low
1698	14	0.009	Low	<0.001	Low
1703	15	0.010	Low	<0.001	Low
1711	16	0.012	Low	<0.001	Low
1718	17	0.015	Low	<0.001	Low
1725	18	0.017	Low	<0.001	Low
1732	19	0.020	Low	<0.001	Low
1738	20	0.023	Low	<0.001	Low
1744	21	0.027	Low	<0.001	Low
1751	22	0.031	Low	<0.001	Low
1757	23	0.036	Low	<0.001	Low
1762	24	0.040	Low	<0.001	Low
1768	25	0.045	Low	<0.001	Low
1774	26	0.051	Low	<0.001	Low
1779	27	0.056	Low	<0.001	Low
1785	28	0.063	Low	<0.001	Low
1790	29	0.069	Low	<0.001	Low
1795	30	0.076	Low	<0.001	Low
1800	31	0.084	Low	0.001	Low
1805	32	0.091	Low	0.001	Low
1810	33	0.100	Low	0.001	Low
1815	34	0.109	Low	0.001	Low
1820	35	0.119	Low	0.001	Low
1825	36	0.129	Low	0.001	Low
1829	37	0.137	Low	0.001	Low
1834	38	0.148	Low	0.002	Low
1839	39	0.160	Low	0.002	Low
1843	40	0.170	Low	0.002	Low
1848	41	0.183	Low	0.002	Low
1852	42	0.194	Low	0.002	Low
1857	43	0.207	Low	0.003	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1861	44	0.219	Low	0.003	Low
1866	45	0.234	Low	0.004	Low
1870	46	0.246	Low	0.004	Low
1875	47	0.261	Low	0.005	Low
1879	48	0.274	Low	0.005	Low
1884	49	0.291	Low	0.006	Low
1888	50	0.304	Low	0.006	Low
1893	51	0.321	Low	0.007	Low
1897	52	0.335	Medium	0.008	Low
1901	53	0.349	Medium	0.008	Low
1906	54	0.367	Medium	0.009	Low
1910	55	0.381	Medium	0.010	Low
1915	56	0.400	Medium	0.012	Low
1919	57	0.414	Medium	0.013	Low
1924	58	0.432	Medium	0.014	Low
1928	59	0.447	Medium	0.015	Low
1933	60	0.465	Medium	0.017	Low
1937	61	0.480	Medium	0.018	Low
1942	62	0.498	Medium	0.020	Low
1947	63	0.517	Medium	0.022	Low
1951	64	0.531	Medium	0.024	Low
1956	65	0.549	Medium	0.026	Low
1961	66	0.566	Medium	0.029	Low
1966	67	0.584	Medium	0.032	Low
1971	68	0.601	Medium	0.035	Low
1976	69	0.618	Medium	0.038	Low
1981	70	0.634	Medium	0.042	Low
1986	71	0.650	Medium	0.045	Low
1991	72	0.666	High	0.049	Low
1996	73	0.681	High	0.054	Low
2002	74	0.699	High	0.059	Low
2007	75	0.714	High	0.064	Low
2013	76	0.730	High	0.070	Low
2018	77	0.744	High	0.076	Low
2024	78	0.760	High	0.083	Low
2030	79	0.775	High	0.091	Low
2036	80	0.789	High	0.099	Low
2043	81	0.805	High	0.109	Low
2049	82	0.818	High	0.119	Low
2056	83	0.832	High	0.131	Low
2063	84	0.846	High	0.143	Low
2070	85	0.858	High	0.157	Low
2078	86	0.872	High	0.173	Low
2086	87	0.884	High	0.191	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2094	88	0.896	High	0.210	Low
2103	89	0.908	High	0.232	Low
2112	90	0.919	High	0.256	Low
2122	91	0.930	High	0.284	Low
2133	92	0.940	High	0.317	Low
2145	93	0.950	High	0.355	Medium
2158	94	0.960	High	0.397	Medium
2173	95	0.969	High	0.447	Medium
2190	96	0.977	High	0.505	Medium
2211	97	0.984	High	0.575	Medium
2237	98	0.990	High	0.657	Medium
2275	99	0.996	High	0.761	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 14: 5th Grade All Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1554	1	0.150	Low	0.007	Low
1573	2	0.174	Low	0.010	Low
1611	3	0.231	Low	0.018	Low
1638	4	0.281	Low	0.028	Low
1660	5	0.327	Low	0.040	Low
1677	6	0.365	Medium	0.051	Low
1693	7	0.404	Medium	0.065	Low
1706	8	0.437	Medium	0.078	Low
1719	9	0.472	Medium	0.094	Low
1730	10	0.502	Medium	0.109	Low
1740	11	0.529	Medium	0.124	Low
1750	12	0.557	Medium	0.142	Low
1759	13	0.583	Medium	0.158	Low
1768	14	0.608	Medium	0.177	Low
1776	15	0.630	Medium	0.194	Low
1784	16	0.653	Medium	0.213	Low
1791	17	0.672	High	0.230	Low
1798	18	0.691	High	0.248	Low
1805	19	0.709	High	0.267	Low
1812	20	0.728	High	0.287	Low
1818	21	0.743	High	0.305	Low
1825	22	0.760	High	0.326	Low
1831	23	0.775	High	0.345	Medium
1837	24	0.789	High	0.364	Medium
1843	25	0.803	High	0.384	Medium
1849	26	0.816	High	0.404	Medium
1854	27	0.827	High	0.421	Medium
1860	28	0.839	High	0.441	Medium
1867	29	0.852	High	0.466	Medium
1870	30	0.858	High	0.476	Medium
1876	31	0.869	High	0.497	Medium
1881	32	0.878	High	0.515	Medium
1886	33	0.886	High	0.533	Medium
1891	34	0.894	High	0.550	Medium
1896	35	0.901	High	0.568	Medium
1901	36	0.909	High	0.585	Medium
1906	37	0.915	High	0.603	Medium
1911	38	0.922	High	0.620	Medium
1915	39	0.927	High	0.634	Medium
1920	40	0.932	High	0.650	Medium
1925	41	0.938	High	0.667	High
1930	42	0.943	High	0.683	High
1934	43	0.947	High	0.696	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1939	44	0.951	High	0.711	High
1943	45	0.955	High	0.724	High
1948	46	0.959	High	0.739	High
1953	47	0.962	High	0.753	High
1957	48	0.965	High	0.764	High
1962	49	0.968	High	0.778	High
1966	50	0.971	High	0.789	High
1971	51	0.974	High	0.802	High
1976	52	0.976	High	0.814	High
1980	53	0.978	High	0.824	High
1985	54	0.980	High	0.824	High
1989	55	0.982	High	0.844	High
1994	56	0.984	High	0.855	High
1999	57	0.986	High	0.865	High
2003	58	0.987	High	0.872	High
2008	59	0.988	High	0.882	High
2013	60	0.989	High	0.890	High
2017	61	0.990	High	0.897	High
2022	62	0.991	High	0.905	High
2027	63	0.992	High	0.912	High
2032	64	0.993	High	0.919	High
2037	65	0.994	High	0.925	High
2041	66	0.995	High	0.930	High
2046	67	0.995	High	0.936	High
2051	68	0.996	High	0.941	High
2056	69	0.996	High	0.946	High
2062	70	0.997	High	0.952	High
2067	71	0.997	High	0.956	High
2072	72	0.998	High	0.960	High
2078	73	0.998	High	0.964	High
2083	74	0.998	High	0.967	High
2089	75	0.998	High	0.971	High
2095	76	0.999	High	0.974	High
2100	77	0.999	High	0.976	High
2106	78	0.999	High	0.979	High
2113	79	0.999	High	0.982	High
2119	80	0.999	High	0.984	High
2125	81	0.999	High	0.986	High
2132	82	1	High	0.988	High
2139	83	1	High	0.989	High
2146	84	1	High	0.991	High
2154	85	1	High	0.992	High
2162	86	1	High	0.994	High
2170	87	1	High	0.995	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2178	88	1	High	0.995	High
2187	89	1	High	0.996	High
2197	90	1	High	0.997	High
2208	91	1	High	0.998	High
2219	92	1	High	0.998	High
2231	93	1	High	0.999	High
2245	94	1	High	0.999	High
2260	95	1	High	0.999	High
2278	96	1	High	1	High
2299	97	1	High	1	High
2326	98	1	High	1	High
2364	99	1	High	1	High



ISIP™ READING AND CMAS ELA LINKING STUDY

Table 15: 5th Grade All Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1554	1	<0.001	Low	<0.001	Low
1573	2	<0.001	Low	<0.001	Low
1611	3	<0.001	Low	<0.001	Low
1638	4	<0.001	Low	<0.001	Low
1660	5	0.001	Low	<0.001	Low
1677	6	0.001	Low	<0.001	Low
1693	7	0.001	Low	<0.001	Low
1706	8	0.002	Low	<0.001	Low
1719	9	0.003	Low	<0.001	Low
1730	10	0.003	Low	<0.001	Low
1740	11	0.004	Low	<0.001	Low
1750	12	0.006	Low	<0.001	Low
1759	13	0.007	Low	<0.001	Low
1768	14	0.009	Low	<0.001	Low
1776	15	0.010	Low	<0.001	Low
1784	16	0.013	Low	<0.001	Low
1791	17	0.015	Low	<0.001	Low
1798	18	0.017	Low	<0.001	Low
1805	19	0.020	Low	<0.001	Low
1812	20	0.023	Low	<0.001	Low
1818	21	0.027	Low	<0.001	Low
1825	22	0.031	Low	<0.001	Low
1831	23	0.035	Low	<0.001	Low
1837	24	0.039	Low	<0.001	Low
1843	25	0.044	Low	<0.001	Low
1849	26	0.050	Low	<0.001	Low
1854	27	0.055	Low	<0.001	Low
1860	28	0.061	Low	<0.001	Low
1867	29	0.070	Low	<0.001	Low
1870	30	0.074	Low	<0.001	Low
1876	31	0.082	Low	<0.001	Low
1881	32	0.089	Low	0.001	Low
1886	33	0.097	Low	0.001	Low
1891	34	0.106	Low	0.001	Low
1896	35	0.115	Low	0.001	Low
1901	36	0.125	Low	0.001	Low
1906	37	0.135	Low	0.001	Low
1911	38	0.145	Low	0.001	Low
1915	39	0.154	Low	0.001	Low
1920	40	0.166	Low	0.001	Low
1925	41	0.178	Low	0.002	Low
1930	42	0.191	Low	0.002	Low
1934	43	0.202	Low	0.002	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1939	44	0.216	Low	0.002	Low
1943	45	0.227	Low	0.002	Low
1948	46	0.242	Low	0.003	Low
1953	47	0.258	Low	0.003	Low
1957	48	0.270	Low	0.003	Low
1962	49	0.286	Low	0.004	Low
1966	50	0.300	Low	0.004	Low
1971	51	0.316	Low	0.004	Low
1976	52	0.334	Medium	0.005	Low
1980	53	0.348	Medium	0.005	Low
1085	54	0.348	Medium	0.005	Low
1989	55	0.380	Medium	0.006	Low
1994	56	0.398	Medium	0.007	Low
1999	57	0.417	Medium	0.008	Low
2003	58	0.431	Medium	0.008	Low
2008	59	0.450	Medium	0.009	Low
2013	60	0.468	Medium	0.010	Low
2017	61	0.483	Medium	0.011	Low
2022	62	0.502	Medium	0.012	Low
2027	63	0.520	Medium	0.013	Low
2032	64	0.538	Medium	0.014	Low
2037	65	0.556	Medium	0.015	Low
2041	66	0.570	Medium	0.016	Low
2046	67	0.588	Medium	0.018	Low
2051	68	0.605	Medium	0.019	Low
2056	69	0.622	Medium	0.021	Low
2062	70	0.642	Medium	0.023	Low
2067	71	0.658	Medium	0.024	Low
2072	72	0.674	High	0.026	Low
2078	73	0.692	High	0.028	Low
2083	74	0.707	High	0.031	Low
2089	75	0.724	High	0.033	Low
2095	76	0.741	High	0.036	Low
2100	77	0.754	High	0.038	Low
2106	78	0.769	High	0.042	Low
2113	79	0.786	High	0.045	Low
2119	80	0.800	High	0.049	Low
2125	81	0.813	High	0.053	Low
2132	82	0.827	High	0.057	Low
2139	83	0.841	High	0.062	Low
2146	84	0.853	High	0.068	Low
2154	85	0.867	High	0.074	Low
2162	86	0.879	High	0.081	Low
2170	87	0.890	High	0.088	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2178	88	0.901	High	0.096	Low
2187	89	0.912	High	0.106	Low
2197	90	0.922	High	0.117	Low
2208	91	0.933	High	0.130	Low
2219	92	0.942	High	0.145	Low
2231	93	0.951	High	0.162	Low
2245	94	0.960	High	0.184	Low
2260	95	0.967	High	0.210	Low
2278	96	0.975	High	0.243	Low
2299	97	0.982	High	0.287	Low
2326	98	0.988	High	0.348	Medium
2364	99	0.994	High	0.442	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 16: 5th Grade ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1554	1	0.161	Low	0.008	Low
1573	2	0.187	Low	0.011	Low
1611	3	0.249	Low	0.020	Low
1638	4	0.301	Low	0.031	Low
1660	5	0.350	Medium	0.043	Low
1677	6	0.390	Medium	0.056	Low
1693	7	0.431	Medium	0.070	Low
1706	8	0.465	Medium	0.084	Low
1719	9	0.500	Medium	0.100	Low
1730	10	0.530	Medium	0.116	Low
1740	11	0.558	Medium	0.131	Low
1750	12	0.586	Medium	0.149	Low
1759	13	0.611	Medium	0.166	Low
1768	14	0.636	Medium	0.184	Low
1776	15	0.657	Medium	0.201	Low
1784	16	0.679	High	0.220	Low
1791	17	0.697	High	0.236	Low
1798	18	0.715	High	0.254	Low
1805	19	0.733	High	0.273	Low
1812	20	0.750	High	0.292	Low
1818	21	0.765	High	0.309	Low
1825	22	0.781	High	0.329	Low
1831	23	0.794	High	0.347	Medium
1837	24	0.807	High	0.365	Medium
1843	25	0.820	High	0.384	Medium
1849	26	0.832	High	0.402	Medium
1854	27	0.842	High	0.418	Medium
1860	28	0.853	High	0.438	Medium
1867	29	0.865	High	0.461	Medium
1870	30	0.870	High	0.470	Medium
1876	31	0.880	High	0.490	Medium
1881	32	0.888	High	0.507	Medium
1886	33	0.895	High	0.523	Medium
1891	34	0.902	High	0.539	Medium
1896	35	0.909	High	0.556	Medium
1901	36	0.916	High	0.572	Medium
1906	37	0.922	High	0.588	Medium
1911	38	0.927	High	0.604	Medium
1915	39	0.932	High	0.617	Medium
1920	40	0.937	High	0.633	Medium
1925	41	0.942	High	0.648	Medium
1930	42	0.946	High	0.663	High
1934	43	0.950	High	0.675	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1939	44	0.954	High	0.690	High
1943	45	0.957	High	0.702	High
1948	46	0.961	High	0.716	High
1953	47	0.964	High	0.730	High
1957	48	0.966	High	0.741	High
1962	49	0.969	High	0.754	High
1966	50	0.972	High	0.764	High
1971	51	0.974	High	0.777	High
1976	52	0.976	High	0.789	High
1980	53	0.978	High	0.798	High
1085	54	0.003	High	0.798	High
1989	55	0.982	High	0.819	High
1994	56	0.984	High	0.829	High
1999	57	0.985	High	0.839	High
2003	58	0.986	High	0.847	High
2008	59	0.988	High	0.857	High
2013	60	0.989	High	0.866	High
2017	61	0.990	High	0.873	High
2022	62	0.991	High	0.881	High
2027	63	0.992	High	0.889	High
2032	64	0.993	High	0.897	High
2037	65	0.993	High	0.904	High
2041	66	0.994	High	0.909	High
2046	67	0.995	High	0.916	High
2051	68	0.995	High	0.922	High
2056	69	0.996	High	0.928	High
2062	70	0.996	High	0.934	High
2067	71	0.997	High	0.939	High
2072	72	0.997	High	0.944	High
2078	73	0.998	High	0.949	High
2083	74	0.998	High	0.953	High
2089	75	0.998	High	0.957	High
2095	76	0.998	High	0.961	High
2100	77	0.999	High	0.965	High
2106	78	0.999	High	0.968	High
2113	79	0.999	High	0.972	High
2119	80	0.999	High	0.975	High
2125	81	0.999	High	0.977	High
2132	82	0.999	High	0.980	High
2139	83	0.999	High	0.982	High
2146	84	1	High	0.985	High
2154	85	1	High	0.987	High
2162	86	1	High	0.989	High
2170	87	1	High	0.990	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2178	88	1	High	0.992	High
2187	89	1	High	0.993	High
2197	90	1	High	0.994	High
2208	91	1	High	0.995	High
2219	92	1	High	0.996	High
2231	93	1	High	0.997	High
2245	94	1	High	0.998	High
2260	95	1	High	0.998	High
2278	96	1	High	0.999	High
2299	97	1	High	0.999	High
2326	98	1	High	1	High
2364	99	1	High	1	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 17: 5th Grade ELL Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1554	1	<0.001	Low	<0.001	Low
1573	2	<0.001	Low	<0.001	Low
1611	3	<0.001	Low	<0.001	Low
1638	4	<0.001	Low	<0.001	Low
1660	5	0.001	Low	<0.001	Low
1677	6	0.001	Low	<0.001	Low
1693	7	0.001	Low	<0.001	Low
1706	8	0.002	Low	<0.001	Low
1719	9	0.003	Low	<0.001	Low
1730	10	0.003	Low	<0.001	Low
1740	11	0.004	Low	<0.001	Low
1750	12	0.005	Low	<0.001	Low
1759	13	0.007	Low	<0.001	Low
1768	14	0.008	Low	0.001	Low
1776	15	0.009	Low	0.001	Low
1784	16	0.011	Low	0.001	Low
1791	17	0.013	Low	0.001	Low
1798	18	0.015	Low	0.001	Low
1805	19	0.017	Low	0.001	Low
1812	20	0.020	Low	0.001	Low
1818	21	0.023	Low	0.001	Low
1825	22	0.026	Low	0.001	Low
1831	23	0.029	Low	0.001	Low
1837	24	0.033	Low	0.001	Low
1843	25	0.036	Low	0.001	Low
1849	26	0.041	Low	0.001	Low
1854	27	0.044	Low	0.001	Low
1860	28	0.049	Low	0.001	Low
1867	29	0.056	Low	0.001	Low
1870	30	0.059	Low	0.001	Low
1876	31	0.065	Low	0.001	Low
1881	32	0.071	Low	0.001	Low
1886	33	0.077	Low	0.001	Low
1891	34	0.083	Low	0.001	Low
1896	35	0.090	Low	0.001	Low
1901	36	0.097	Low	0.001	Low
1906	37	0.105	Low	0.001	Low
1911	38	0.113	Low	0.001	Low
1915	39	0.120	Low	0.001	Low
1920	40	0.128	Low	0.001	Low
1925	41	0.138	Low	0.001	Low
1930	42	0.148	Low	0.001	Low
1934	43	0.156	Low	0.001	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1939	44	0.166	Low	0.001	Low
1943	45	0.175	Low	0.001	Low
1948	46	0.187	Low	0.001	Low
1953	47	0.199	Low	0.001	Low
1957	48	0.208	Low	0.001	Low
1962	49	0.221	Low	0.001	Low
1966	50	0.232	Low	0.001	Low
1971	51	0.245	Low	0.001	Low
1976	52	0.259	Low	0.001	Low
1980	53	0.270	Low	0.001	Low
1085	54	0.270	Low	0.001	Low
1989	55	0.297	Low	0.001	Low
1994	56	0.312	Low	0.001	Low
1999	57	0.328	Low	0.001	Low
2003	58	0.340	Medium	0.001	Low
2008	59	0.356	Medium	0.001	Low
2013	60	0.372	Medium	0.001	Low
2017	61	0.385	Medium	0.001	Low
2022	62	0.402	Medium	0.001	Low
2027	63	0.418	Medium	0.001	Low
2032	64	0.435	Medium	0.001	Low
2037	65	0.451	Medium	0.001	Low
2041	66	0.465	Medium	0.001	Low
2046	67	0.482	Medium	0.001	Low
2051	68	0.498	Medium	0.001	Low
2056	69	0.515	Medium	0.001	Low
2062	70	0.534	Medium	0.001	Low
2067	71	0.551	Medium	0.001	Low
2072	72	0.567	Medium	0.001	Low
2078	73	0.586	Medium	0.001	Low
2083	74	0.601	Medium	0.001	Low
2089	75	0.620	Medium	0.001	Low
2095	76	0.638	Medium	0.001	Low
2100	77	0.652	Medium	0.001	Low
2106	78	0.669	High	0.001	Low
2113	79	0.689	High	0.001	Low
2119	80	0.705	High	0.001	Low
2125	81	0.720	High	0.001	Low
2132	82	0.737	High	0.001	Low
2139	83	0.754	High	0.001	Low
2146	84	0.770	High	0.001	Low
2154	85	0.787	High	0.001	Low
2162	86	0.803	High	0.001	Low
2170	87	0.818	High	0.001	Low



ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2178	88	0.832	High	0.001	Low
2187	89	0.847	High	0.001	Low
2197	90	0.862	High	0.001	Low
2208	91	0.877	High	0.001	Low
2219	92	0.891	High	0.001	Low
2231	93	0.904	High	0.001	Low
2245	94	0.918	High	0.001	Low
2260	95	0.930	High	0.001	Low
2278	96	0.943	High	0.001	Low
2299	97	0.955	High	0.001	Low
2326	98	0.967	High	0.001	Low
2364	99	0.979	High	0.001	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 18: 5th Grade Non-ELL Students Probability for Performance Levels 2 and 3

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1554	1	0.123	Low	0.006	Low
1573	2	0.143	Low	0.008	Low
1611	3	0.194	Low	0.015	Low
1638	4	0.239	Low	0.024	Low
1660	5	0.281	Low	0.034	Low
1677	6	0.317	Low	0.045	Low
1693	7	0.355	Medium	0.057	Low
1706	8	0.387	Medium	0.069	Low
1719	9	0.420	Medium	0.083	Low
1730	10	0.450	Medium	0.097	Low
1740	11	0.478	Medium	0.112	Low
1750	12	0.506	Medium	0.128	Low
1759	13	0.532	Medium	0.143	Low
1768	14	0.559	Medium	0.161	Low
1776	15	0.582	Medium	0.177	Low
1784	16	0.606	Medium	0.195	Low
1791	17	0.626	Medium	0.212	Low
1798	18	0.646	Medium	0.230	Low
1805	19	0.666	High	0.248	Low
1812	20	0.686	High	0.268	Low
1818	21	0.703	High	0.285	Low
1825	22	0.722	High	0.306	Low
1831	23	0.738	High	0.324	Low
1837	24	0.754	High	0.344	Medium
1843	25	0.769	High	0.363	Medium
1849	26	0.784	High	0.383	Medium
1854	27	0.796	High	0.400	Medium
1860	28	0.810	High	0.421	Medium
1867	29	0.826	High	0.446	Medium
1870	30	0.832	High	0.456	Medium
1876	31	0.845	High	0.478	Medium
1881	32	0.855	High	0.496	Medium
1886	33	0.864	High	0.514	Medium
1891	34	0.874	High	0.532	Medium
1896	35	0.882	High	0.550	Medium
1901	36	0.891	High	0.567	Medium
1906	37	0.899	High	0.585	Medium
1911	38	0.906	High	0.603	Medium
1915	39	0.912	High	0.617	Medium
1920	40	0.919	High	0.634	Medium
1925	41	0.925	High	0.651	Medium
1930	42	0.931	High	0.668	High
1934	43	0.936	High	0.681	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
1939	44	0.941	High	0.697	High
1943	45	0.945	High	0.710	High
1948	46	0.950	High	0.725	High
1953	47	0.954	High	0.740	High
1957	48	0.958	High	0.752	High
1962	49	0.962	High	0.766	High
1966	50	0.965	High	0.777	High
1971	51	0.968	High	0.791	High
1976	52	0.971	High	0.804	High
1980	53	0.973	High	0.814	High
1085	54	0.002	High	0.814	High
1989	55	0.978	High	0.835	High
1994	56	0.980	High	0.846	High
1999	57	0.982	High	0.856	High
2003	58	0.984	High	0.864	High
2008	59	0.985	High	0.874	High
2013	60	0.987	High	0.883	High
2017	61	0.988	High	0.890	High
2022	62	0.990	High	0.898	High
2027	63	0.991	High	0.906	High
2032	64	0.992	High	0.913	High
2037	65	0.993	High	0.920	High
2041	66	0.993	High	0.925	High
2046	67	0.994	High	0.931	High
2051	68	0.995	High	0.937	High
2056	69	0.995	High	0.942	High
2062	70	0.996	High	0.948	High
2067	71	0.997	High	0.952	High
2072	72	0.997	High	0.956	High
2078	73	0.997	High	0.961	High
2083	74	0.998	High	0.964	High
2089	75	0.998	High	0.968	High
2095	76	0.998	High	0.972	High
2100	77	0.999	High	0.974	High
2106	78	0.999	High	0.977	High
2113	79	0.999	High	0.980	High
2119	80	0.999	High	0.982	High
2125	81	0.999	High	0.984	High
2132	82	0.999	High	0.986	High
2139	83	1	High	0.988	High
2146	84	1	High	0.990	High
2154	85	1	High	0.991	High
2162	86	1	High	0.993	High
2170	87	1	High	0.994	High

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Partially Met Expectations	Probability	Approached Expectations
2178	88	1	High	0.995	High
2187	89	1	High	0.996	High
2197	90	1	High	0.997	High
2208	91	1	High	0.997	High
2219	92	1	High	0.998	High
2231	93	1	High	0.998	High
2245	94	1	High	0.999	High
2260	95	1	High	0.999	High
2278	96	1	High	0.999	High
2299	97	1	High	1	High
2326	98	1	High	1	High
2364	99	1	High	1	High

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 19: 5th Grade Non-ELL Students Probability for Performance Levels 4 and 5

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1554	1	<0.001	Low	<0.001	Low
1573	2	<0.001	Low	<0.001	Low
1611	3	<0.001	Low	<0.001	Low
1638	4	<0.001	Low	<0.001	Low
1660	5	0.001	Low	<0.001	Low
1677	6	0.001	Low	<0.001	Low
1693	7	0.001	Low	<0.001	Low
1706	8	0.002	Low	<0.001	Low
1719	9	0.003	Low	<0.001	Low
1730	10	0.003	Low	<0.001	Low
1740	11	0.004	Low	<0.001	Low
1750	12	0.006	Low	<0.001	Low
1759	13	0.007	Low	<0.001	Low
1768	14	0.009	Low	<0.001	Low
1776	15	0.011	Low	<0.001	Low
1784	16	0.013	Low	<0.001	Low
1791	17	0.015	Low	<0.001	Low
1798	18	0.018	Low	<0.001	Low
1805	19	0.020	Low	<0.001	Low
1812	20	0.024	Low	<0.001	Low
1818	21	0.027	Low	<0.001	Low
1825	22	0.031	Low	<0.001	Low
1831	23	0.036	Low	<0.001	Low
1837	24	0.040	Low	<0.001	Low
1843	25	0.045	Low	<0.001	Low
1849	26	0.051	Low	<0.001	Low
1854	27	0.056	Low	<0.001	Low
1860	28	0.063	Low	<0.001	Low
1867	29	0.071	Low	<0.001	Low
1870	30	0.075	Low	0.001	Low
1876	31	0.084	Low	0.001	Low
1881	32	0.091	Low	0.001	Low
1886	33	0.099	Low	0.001	Low
1891	34	0.108	Low	0.001	Low
1896	35	0.117	Low	0.001	Low
1901	36	0.127	Low	0.001	Low
1906	37	0.137	Low	0.001	Low
1911	38	0.148	Low	0.002	Low
1915	39	0.157	Low	0.002	Low
1920	40	0.169	Low	0.002	Low
1925	41	0.181	Low	0.002	Low
1930	42	0.194	Low	0.002	Low
1934	43	0.205	Low	0.003	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
1939	44	0.219	Low	0.003	Low
1943	45	0.231	Low	0.003	Low
1948	46	0.245	Low	0.004	Low
1953	47	0.261	Low	0.004	Low
1957	48	0.273	Low	0.004	Low
1962	49	0.289	Low	0.005	Low
1966	50	0.303	Low	0.005	Low
1971	51	0.319	Low	0.006	Low
1976	52	0.337	Medium	0.006	Low
1980	53	0.350	Medium	0.007	Low
1085	54	0.350	Medium	0.007	Low
1989	55	0.382	Medium	0.008	Low
1994	56	0.400	Medium	0.009	Low
1999	57	0.418	Medium	0.010	Low
2003	58	0.433	Medium	0.011	Low
2008	59	0.451	Medium	0.012	Low
2013	60	0.470	Medium	0.013	Low
2017	61	0.484	Medium	0.013	Low
2022	62	0.502	Medium	0.015	Low
2027	63	0.520	Medium	0.016	Low
2032	64	0.538	Medium	0.017	Low
2037	65	0.556	Medium	0.019	Low
2041	66	0.570	Medium	0.020	Low
2046	67	0.587	Medium	0.021	Low
2051	68	0.604	Medium	0.023	Low
2056	69	0.621	Medium	0.025	Low
2062	70	0.641	Medium	0.027	Low
2067	71	0.656	Medium	0.029	Low
2072	72	0.672	High	0.031	Low
2078	73	0.690	High	0.033	Low
2083	74	0.705	High	0.036	Low
2089	75	0.721	High	0.038	Low
2095	76	0.738	High	0.041	Low
2100	77	0.751	High	0.044	Low
2106	78	0.766	High	0.047	Low
2113	79	0.782	High	0.051	Low
2119	80	0.796	High	0.055	Low
2125	81	0.809	High	0.059	Low
2132	82	0.823	High	0.064	Low
2139	83	0.837	High	0.069	Low
2146	84	0.849	High	0.074	Low
2154	85	0.863	High	0.081	Low
2162	86	0.875	High	0.088	Low
2170	87	0.886	High	0.095	Low

ISIP™ READING AND CMAS ELA LINKING STUDY

ISIP Score	Percentile Rank	Probability	Met Expectations	Probability	Exceeded Expectations
2178	88	0.897	High	0.103	Low
2187	89	0.908	High	0.112	Low
2197	90	0.919	High	0.123	Low
2208	91	0.929	High	0.136	Low
2219	92	0.939	High	0.150	Low
2231	93	0.948	High	0.166	Low
2245	94	0.957	High	0.187	Low
2260	95	0.965	High	0.211	Low
2278	96	0.973	High	0.242	Low
2299	97	0.980	High	0.281	Low
2326	98	0.986	High	0.337	Medium
2364	99	0.993	High	0.422	Medium

ISIP™ READING AND CMAS ELA LINKING STUDY

Table 20: ISIP Cut Scores at Low, Medium, and High Probabilities of Obtaining CMAS ELA Performance Level

Grade	Students	Level 2 (Partially Met)			Level 3 (Approached)			Level 4 (Met) or Higher		
		Low	Medium	High	Low	Medium	High	Low	Medium	High
3	All	<217	217–232	>232	<231	231–244	>244	<245	245-258	>258
	ELL	<212	212–228	>228	<224	224–243	>243	<245	245-263	>263
	non-ELL	<224	224–235	>235	<235	235–245	>245	<246	246-256	>256
4	All	<1570	1570–1711	>1711	<1751	1751–1861	>1861	<1901	1901-1996	>1996
	ELL	<1483	1483–1668	>1668	<1718	1718–1861	>1861	<1915	1915-2024	>2024
	non-ELL	<1647	1647–1754	>1754	<1785	1785–1870	>1870	<1897	1897-1991	>1991
5	All	<1677	1677–1791	>1791	<1831	1831–1925	>1925	<1976	1976-2072	>2072
	ELL	<1660	1660–1784	>1784	<1831	1831–1930	>1930	<2003	2003-2106	>2106
	non-ELL	<1693	1693–1805	>1805	<1837	1837–1930	>1930	<1976	1976–2072	>2072