



***i-Ready Diagnostic* National
Norms Tables for Reading
and Mathematics for
Grades 9–10 (Fall)**

2023–2024

Curriculum Associates Research Report
May 2023



i-Ready Diagnostic National Norms: Grades 9–10 (Fall)

Curriculum Associates Research Report | May 2023

Research Overview

This publication contains the *i-Ready Diagnostic* national norms for Grades 9–10 for the fall. These norms are based on data from the 2018–2019 school year and apply to the 2022–2023 school year. As is common for national norms, it is expected that these norms will remain in use for a number of school years, although Curriculum Associates will continue to monitor the norms each year to determine when new norms are needed. Curriculum Associates will also work to eventually release national norms for other high school testing windows and grades.

What are *i-Ready Diagnostic* norms?

Norms within *i-Ready* provide a way for educators to compare how their students are performing relative to other students across the country.

How do you interpret *i-Ready Diagnostic* national norms?

Norms are percentiles, comparing each student’s performance with a set of nationally representative samples of students in the same grade level who took the Diagnostic at the same time of year. For example, a student whose fall Diagnostic norm is 90 scored better than 90% of a nationally representative group of students who took the Diagnostic in the fall.

Normative scores, together with other types of scores such as *i-Ready Diagnostic* criterion-referenced scores (i.e., grade-level placements for reading and mathematics and for domains) help educators gain a more complete picture of student performance. Whereas *i-Ready’s* normative scores communicate how students perform compared to other students, criterion-referenced scores communicate what students know and can do against grade-level standards.

National norms corresponding to overall scale scores are available for both the *i-Ready Diagnostics* for Reading and Mathematics.

Where are the national norms located in *i-Ready*?

The *i-Ready Diagnostic* normative scores are labeled as “percentile ranks” in *i-Ready* and are located in various places on the *i-Ready* platform, such as the Diagnostic Results (Class) report and the Diagnostic Results (Student) report. Percentile ranks are also available in the Diagnostic Results export.

Currently *i-Ready Diagnostic* only has national norms in high school for Grades 9–10 in the fall. For other high school grades and testing windows, the “percentile ranks” will appear blank. Curriculum Associates has an ongoing research effort underway to eventually release national norms for other high school testing windows and grades.



What dates are used for *i-Ready's* norming windows?

The *i-Ready Diagnostic* assessment has three norming windows: fall, winter, and spring. The normative percentile rank associated with a given *i-Ready Diagnostic* scale score will differ across normative testing windows. Norms are currently only available for Grades 9–10 for the fall norming window.

The Grades 9–10 norms use the same norming windows as Grades 3–8. The national norming windows were slightly adjusted in recognition of when districts tend to have students take the *i-Ready Diagnostic* assessment. The old and new norming window dates are listed below.

	Fall Norming Window	Winter Norming Window	Spring Norming Window
New Norming Window Dates (Starting with the 2020–2021 School Year)	Beginning of School Year to November 15	November 16 to March 1*	March 2 to End of School Year*
Old Norming Window Dates (Prior to the 2020–2021 School Year)	Beginning of School Year to November 30	December 1 to March 15*	March 16 to End of School Year*

**i-Ready Diagnostic* currently does not have norms for Grades 9–10 for the winter and spring.

How often are *i-Ready Diagnostic* norms updated?

Consistent with well-established practices in educational assessment, the *i-Ready* national norms are evaluated every year to determine if an update is needed. The newest norms are those for the 2020–2021 school year, which are based on student data from the 2018–2019 school year and are appropriate for the 2022–2023 school year. The 2020–2021 school year was the first year in which high school norms have been released for *i-Ready Diagnostic*.

When will *i-Ready Diagnostic* norms be updated again?

Curriculum Associates evaluates norms every year to determine if new norms are needed and will update the norms when necessary to ensure *i-Ready Diagnostic* norms continue to reflect student performance across the nation.

For more information:

To learn more about *i-Ready Diagnostic* norms, please contact an *i-Ready* Educational Consultant or Account Manager, or email info@cainc.com.

Table 1**Fall *i-Ready Diagnostic* for Reading Percentile to Overall Score Conversion**

For Diagnostics taken between the beginning of the school year and November 15

Note: Analyses were based on the 2018–2019 academic year.

Percentile	Grade 9	Grade 10
1	<=431	<=460
2	432	461
3	459	487
4	475	505
5	487	518
6	496	526
7	504	532
8	513	539
9	518	544
10	523	548
11	527	553
12	531	558
13	535	561
14	539	564
15	542	569
16	544	573
17	547	575
18	550	578
19	553	580
20	555	582
21	558	585
22	560	587
23	563	589
24	566	591
25	569	593
26	571	595
27	574	597
28	576	600
29	579	601
30	581	604
31	583	605
32	585	607
33	587	608
34	589	610
35	590	612
36	592	613
37	594	614
38	596	616
39	599	617
40	601	619
41	603	620
42	604	621
43	606	622
44	608	623
45	610	624
46	612	625
47	613	626
48	615	627
49	616	629
50	617	630

Percentile	Grade 9	Grade 10
51	619	631
52	620	632
53	621	633
54	622	634
55	624	635
56	625	636
57	627	637
58	628	638
59	629	638
60	630	639
61	631	640
62	632	642
63	634	643
64	635	644
65	635	646
66	636	647
67	637	648
68	638	650
69	639	651
70	640	653
71	641	654
72	643	656
73	644	658
74	646	659
75	647	661
76	649	662
77	650	664
78	652	666
79	654	667
80	657	669
81	659	670
82	661	672
83	663	673
84	664	675
85	666	677
86	668	680
87	670	683
88	673	685
89	675	687
90	677	689
91	679	692
92	682	694
93	685	696
94	687	700
95	690	704
96	695	708
97	699	712
98	704	716
99	>=712	>=728

Table 2**Fall *i-Ready Diagnostic* for Mathematics Percentile to Overall Score Conversion**

For Diagnostics taken between the beginning of the school year and November 15

Note: Analyses were based on the 2018–2019 academic year.

Percentile	Grade 9	Grade 10
1	<=403	<=415
2	404	416
3	414	427
4	420	436
5	425	443
6	430	448
7	435	452
8	438	455
9	442	460
10	445	462
11	447	464
12	449	467
13	451	469
14	453	472
15	455	474
16	457	476
17	460	478
18	462	479
19	463	481
20	464	482
21	466	484
22	467	485
23	469	486
24	470	487
25	471	488
26	473	488
27	474	489
28	476	490
29	477	491
30	478	492
31	479	492
32	481	493
33	482	494
34	483	495
35	484	496
36	485	496
37	486	497
38	487	498
39	488	499
40	489	499
41	489	500
42	490	501
43	491	502
44	492	502
45	492	503
46	493	504
47	494	506
48	495	507
49	496	508
50	496	509

Percentile	Grade 9	Grade 10
51	497	510
52	498	511
53	499	512
54	500	513
55	500	514
56	501	516
57	502	517
58	503	518
59	504	519
60	505	520
61	506	521
62	507	522
63	508	522
64	509	523
65	510	524
66	511	525
67	512	526
68	514	527
69	515	527
70	516	528
71	518	529
72	519	529
73	520	530
74	521	531
75	522	532
76	523	533
77	524	534
78	525	535
79	526	536
80	528	537
81	529	538
82	530	538
83	531	539
84	532	540
85	534	542
86	535	543
87	537	545
88	538	547
89	540	548
90	542	550
91	545	551
92	547	553
93	549	554
94	551	556
95	554	559
96	557	562
97	561	567
98	567	573
99	>=575	>=578



Technical Note: The Relationship between the Percentile Ranks in *i-Ready* Reports and Percentile Ranks in This Document

The original norming analysis conducted by Curriculum Associates resulted in tables that provide the percentile rank associated with each *i-Ready Diagnostic* scale score. The following rules were applied when translating these results into tables that provide the *i-Ready Diagnostic* scale score associated with each percentile rank:

- Where multiple *i-Ready Diagnostic* scale scores exist for a single percentile, use the lowest score corresponding for that percentile.
- Where a percentile exists with no corresponding *i-Ready* score, use the *i-Ready* score from the next percentile up that does have a score.