



***i-Ready Diagnostic National  
Norms Tables for Reading  
and Mathematics for  
Grades K–8  
2023–2024***

Curriculum Associates Research Report  
May 2023



# ***i-Ready Diagnostic National Norms: Grades K–8***

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## **Research Overview**

This publication features the *i-Ready Diagnostic* national norms for Grades K–8. 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.

## **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.

## **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.

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.

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



### **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 were 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 prior update was in 2015–2016.

### **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](mailto: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 K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=286	<=308	<=339	<=365	<=382	<=401	<=410	<=418	<=431
2	287	309	340	366	383	402	411	419	432
3	292	319	354	381	400	419	431	445	459
4	296	326	363	392	410	432	448	462	475
5	299	331	371	399	418	446	459	474	487
6	301	335	376	404	425	456	468	482	496
7	303	338	381	409	432	463	475	489	504
8	305	342	385	413	440	470	481	496	513
9	307	344	389	416	447	475	486	501	518
10	309	347	393	419	453	479	491	508	523
11	310	350	396	422	458	483	495	513	527
12	312	352	399	425	462	487	499	517	531
13	313	354	401	427	466	491	503	520	535
14	315	356	403	431	469	494	507	524	539
15	316	358	405	434	473	497	512	527	542
16	317	360	407	438	476	500	515	530	544
17	318	361	408	442	478	503	517	532	547
18	319	363	410	445	481	506	519	535	550
19	321	364	411	448	483	509	522	538	553
20	321	366	413	451	485	513	524	540	555
21	322	367	414	454	487	514	527	543	557
22	323	369	416	457	489	516	529	545	560
23	324	370	417	459	491	518	531	547	562
24	325	372	418	461	493	520	533	549	564
25	326	373	420	463	495	521	535	551	566
26	327	375	421	465	497	523	537	553	568
27	327	376	422	467	499	525	539	555	570
28	328	377	424	469	500	527	541	557	571
29	329	378	425	471	503	529	542	559	573
30	330	380	426	473	505	530	544	560	575
31	330	381	428	475	507	532	546	562	577
32	331	382	429	476	509	533	547	564	578
33	332	383	430	478	512	535	549	565	580
34	332	385	432	479	513	536	551	567	582
35	333	386	433	481	514	538	552	568	584
36	333	387	435	482	516	539	554	570	585
37	334	388	437	484	517	541	555	571	587
38	335	390	439	485	518	542	557	573	588
39	335	391	441	486	519	543	558	574	589
40	336	392	443	488	520	545	560	576	591
41	336	393	445	489	522	546	561	577	592
42	337	394	447	491	523	547	562	579	594
43	337	396	449	492	524	549	564	580	596
44	338	397	451	493	526	550	565	582	597
45	338	398	452	495	527	551	566	583	599
46	339	399	454	496	528	553	568	585	601
47	339	400	456	497	529	554	569	586	602
48	340	401	457	499	531	555	570	587	604
49	341	402	459	500	532	556	571	589	605
50	341	403	460	502	533	558	573	590	607
51	342	403	462	504	534	559	574	591	608
52	342	404	463	505	535	560	575	593	610
53	343	405	465	507	536	561	577	594	611
54	344	406	466	509	538	562	578	596	612
55	344	407	468	511	539	563	579	598	614
56	345	407	469	512	540	565	581	599	615
57	346	408	471	513	541	566	582	601	616
58	347	409	472	514	542	567	583	602	618
59	347	409	473	515	543	568	584	604	619
60	348	410	475	516	545	569	586	605	620



Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
61	349	410	476	517	546	570	587	607	621
62	350	411	477	518	547	572	588	608	622
63	351	411	479	519	548	573	589	609	623
64	352	412	480	520	550	574	590	611	625
65	353	413	481	522	551	575	592	612	626
66	354	414	483	523	552	577	593	614	627
67	354	415	484	524	554	578	595	615	628
68	355	415	486	525	555	579	596	616	629
69	356	416	487	527	556	581	598	618	630
70	357	417	489	528	557	582	600	619	631
71	358	418	490	529	559	583	601	620	632
72	359	419	492	531	560	584	603	622	633
73	360	420	493	532	561	586	604	623	634
74	360	421	494	533	562	587	606	624	635
75	361	422	496	534	564	588	607	626	636
76	362	423	497	536	565	589	609	627	637
77	363	424	499	537	566	591	610	628	638
78	364	426	501	538	568	592	612	629	640
79	366	427	503	540	569	594	614	630	641
80	367	429	505	541	571	596	615	632	642
81	368	431	506	542	572	597	617	633	644
82	369	433	508	544	574	599	618	634	645
83	371	435	510	546	575	601	620	636	647
84	373	438	512	547	577	603	621	637	649
85	374	441	514	549	579	605	623	638	650
86	376	444	516	551	581	607	625	640	653
87	378	447	518	553	583	609	626	642	655
88	380	450	520	555	584	611	628	644	658
89	382	453	522	556	586	614	630	645	660
90	384	456	524	558	588	616	632	648	663
91	387	459	527	561	590	618	634	650	665
92	390	463	529	563	593	620	637	653	668
93	393	467	532	566	596	622	639	657	670
94	397	471	535	569	600	624	642	661	673
95	400	476	538	572	604	627	646	664	676
96	404	481	542	576	608	631	650	668	679
97	408	488	547	581	613	635	655	672	684
98	412	496	553	587	619	641	661	678	689
99	>=422	>=508	>=561	>=595	>=627	>=648	>=669	>=687	>=696

**Table 2****Winter *i-Ready Diagnostic* for Reading Percentile to Overall Score Conversion**

For Diagnostics taken between November 16 and March 1

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

Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=296	<=322	<=352	<=372	<=390	<=405	<=412	<=423	<=434
2	297	323	353	373	391	406	413	424	435
3	303	336	369	391	410	428	437	453	464
4	308	344	379	402	422	446	455	470	481
5	313	351	387	410	433	459	467	482	494
6	317	356	394	416	445	469	476	491	504
7	320	361	400	422	453	477	483	499	514
8	323	364	404	427	460	483	489	506	520
9	325	368	407	432	466	488	495	514	525
10	328	371	410	437	472	493	500	518	531
11	330	374	413	443	476	497	505	522	535
12	331	377	415	448	480	501	511	527	540
13	333	379	418	452	483	505	514	530	543
14	335	382	420	456	487	509	517	534	547
15	336	384	422	460	489	513	520	537	550
16	337	386	424	463	492	515	523	540	553
17	339	388	427	466	495	518	526	543	556
18	340	390	429	469	497	520	529	546	559
19	341	392	431	472	500	522	531	548	562
20	342	394	434	474	502	524	534	551	564
21	343	396	436	477	505	527	536	554	566
22	344	397	439	479	507	529	538	556	568
23	346	399	442	481	511	531	541	558	571
24	347	400	445	483	513	533	543	560	573
25	348	402	448	485	514	534	544	562	575
26	349	403	450	487	516	536	546	564	577
27	350	404	453	489	517	538	548	566	579
28	351	405	455	490	519	540	550	568	581
29	352	406	457	492	520	541	552	569	583
30	353	407	459	494	522	543	554	571	584
31	354	408	461	495	523	545	556	573	586
32	355	409	463	497	525	546	557	574	588
33	356	410	465	499	526	547	559	576	589
34	357	410	466	500	528	549	560	578	591
35	358	411	468	502	529	550	562	579	592
36	358	412	470	504	530	552	563	581	594
37	359	413	471	505	532	553	564	583	596
38	360	414	473	507	533	555	566	584	598
39	361	415	474	509	534	556	567	585	600
40	362	415	475	512	536	558	569	587	601
41	363	416	477	513	537	559	570	588	603
42	363	417	478	514	538	560	571	589	605
43	364	418	480	515	540	561	573	591	606
44	365	419	481	516	541	562	574	592	608
45	366	420	482	517	542	564	576	594	609
46	367	420	484	518	543	565	577	595	611
47	368	421	485	519	544	566	578	597	612
48	369	422	487	520	546	567	580	599	613
49	370	423	488	521	547	568	581	600	615
50	371	424	489	522	548	570	582	602	616
51	372	425	490	523	549	571	584	603	617
52	373	426	492	524	551	572	585	605	618
53	374	427	493	526	552	573	586	606	619
54	375	428	494	527	553	574	587	608	621
55	376	429	495	528	554	576	588	609	622
56	377	430	496	529	556	577	590	610	623
57	378	432	497	530	557	578	591	612	624
58	379	433	499	531	558	579	592	613	625
59	380	434	500	532	559	580	593	614	626
60	381	436	502	534	560	582	595	616	627



Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
61	382	438	503	535	561	583	596	617	628
62	384	440	505	536	562	584	598	618	629
63	385	441	506	537	563	585	599	620	630
64	386	443	507	538	565	586	601	621	631
65	387	445	508	539	566	587	602	622	632
66	388	446	509	540	567	588	604	623	633
67	389	448	511	542	568	590	605	624	634
68	391	450	512	543	569	591	607	626	635
69	392	452	513	544	570	592	608	627	636
70	393	453	515	545	572	593	610	628	637
71	394	455	516	546	573	595	611	629	638
72	396	457	517	547	574	597	612	630	639
73	397	458	518	549	575	598	614	631	640
74	398	460	520	550	577	600	615	632	641
75	399	462	521	551	578	601	617	633	643
76	400	464	522	553	579	603	618	634	644
77	401	466	524	554	581	604	619	635	645
78	402	467	525	555	582	606	621	636	647
79	403	469	527	557	583	607	622	637	648
80	404	471	528	558	585	609	623	639	650
81	405	473	530	560	586	611	625	640	651
82	406	475	531	561	587	612	626	641	653
83	407	477	532	563	589	614	628	643	655
84	408	479	534	564	590	616	629	644	657
85	409	481	535	566	592	617	631	646	659
86	410	484	537	567	594	619	633	648	660
87	411	487	539	569	596	620	634	650	662
88	412	489	540	571	598	622	636	652	664
89	413	491	542	573	600	623	638	655	666
90	414	494	544	575	603	625	640	657	669
91	416	497	547	578	605	627	642	660	671
92	418	501	549	580	608	629	645	662	674
93	420	505	552	583	611	631	648	665	677
94	423	508	555	586	614	634	651	668	681
95	426	512	558	589	617	637	655	672	684
96	430	516	562	592	621	641	659	676	688
97	437	521	566	597	625	645	664	681	692
98	449	528	571	603	630	652	670	687	698
99	>=465	>=535	>=579	>=611	>=638	>=661	>=679	>=695	>=704

**Table 3****Spring *i-Ready Diagnostic* for Reading Percentile to Overall Score Conversion**

For Diagnostics taken between March 2 and the end of the school year

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

Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=305	<=332	<=364	<=378	<=393	<=408	<=413	<=424	<=434
2	306	333	365	379	394	409	414	425	435
3	315	348	381	398	413	433	440	455	465
4	322	359	393	409	425	453	458	473	483
5	328	366	401	417	439	466	471	485	497
6	332	372	406	424	451	476	480	494	507
7	336	377	411	430	460	483	487	502	516
8	339	381	415	438	467	489	494	511	523
9	342	386	419	446	473	494	500	516	529
10	344	390	422	452	478	499	505	522	535
11	347	393	425	457	482	504	512	526	540
12	349	396	429	462	486	510	515	531	544
13	352	399	432	466	490	514	519	535	548
14	354	401	436	470	493	517	522	538	552
15	356	403	440	473	496	519	526	542	556
16	358	405	444	476	499	522	529	545	559
17	359	407	448	479	502	525	532	548	562
18	361	408	451	481	505	527	535	551	564
19	362	410	454	484	509	530	537	554	567
20	364	411	457	486	512	532	540	556	569
21	366	412	460	488	514	534	542	559	572
22	367	413	462	491	516	537	544	561	574
23	368	415	465	493	517	539	547	563	577
24	370	416	467	494	519	541	549	565	579
25	371	417	469	496	521	543	551	567	581
26	373	418	471	498	523	544	553	569	583
27	374	420	472	500	524	546	555	571	585
28	375	421	474	502	526	548	557	573	587
29	376	422	476	505	528	550	559	575	589
30	378	423	477	507	530	551	561	577	590
31	379	424	479	509	531	553	562	579	592
32	380	425	481	512	533	555	564	580	594
33	381	427	482	513	534	556	565	582	596
34	383	428	484	514	536	558	567	584	598
35	384	430	485	515	538	559	569	586	600
36	385	431	487	517	539	561	570	587	602
37	386	433	488	518	541	562	572	588	604
38	387	434	490	519	542	563	573	590	605
39	389	436	491	520	543	564	575	591	607
40	390	438	492	522	545	566	576	593	609
41	391	440	493	523	546	567	578	595	610
42	392	442	494	524	547	569	579	597	612
43	394	443	496	526	549	570	581	598	613
44	395	445	497	527	550	571	582	600	615
45	396	447	498	528	551	572	583	602	616
46	397	448	500	530	553	574	585	603	617
47	398	450	501	531	554	575	586	605	618
48	399	451	502	532	555	576	587	606	620
49	400	453	504	533	557	577	588	608	621
50	401	454	505	534	558	579	590	609	622
51	402	456	506	536	559	580	591	610	623
52	402	457	507	537	560	581	592	612	624
53	403	458	509	538	561	583	594	613	625
54	404	460	510	539	563	584	595	615	627
55	405	461	511	540	564	585	597	616	628
56	406	463	512	541	565	586	598	617	629
57	406	464	513	542	566	587	600	618	630
58	407	466	514	544	567	588	601	620	631
59	408	467	516	545	569	589	603	621	632
60	408	468	517	546	570	591	604	622	633





Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
61	409	470	518	547	571	592	606	623	634
62	409	471	519	548	572	593	607	625	635
63	410	472	520	549	573	594	608	626	636
64	410	474	521	551	574	596	610	627	637
65	411	475	522	552	575	597	611	628	638
66	411	476	523	553	577	599	613	629	639
67	412	478	525	554	578	601	614	630	640
68	413	479	526	555	579	602	615	631	641
69	414	480	527	557	581	604	617	632	642
70	414	482	528	558	582	605	618	633	643
71	415	483	530	559	583	606	619	634	644
72	416	485	531	560	584	608	621	635	645
73	417	487	532	561	585	609	622	636	647
74	418	488	533	563	587	611	623	637	648
75	419	490	535	564	588	612	624	638	649
76	420	491	536	565	589	614	626	640	650
77	421	492	537	567	590	615	627	641	651
78	422	494	538	568	592	616	628	642	653
79	423	495	540	570	593	618	630	644	654
80	424	497	541	571	595	619	631	645	655
81	425	500	543	572	596	620	633	647	657
82	427	502	544	574	598	622	634	648	658
83	428	504	546	576	600	623	636	649	660
84	430	506	547	577	602	624	637	651	661
85	432	507	549	579	603	626	639	653	663
86	434	509	551	581	605	627	641	654	664
87	437	511	553	583	607	629	642	656	666
88	440	514	554	585	610	631	644	658	667
89	443	516	556	586	612	633	646	660	669
90	447	518	558	588	614	635	648	662	671
91	451	520	561	590	617	637	651	664	673
92	455	523	563	592	620	639	653	666	675
93	459	526	565	595	622	642	655	669	678
94	464	529	568	599	625	645	658	671	681
95	469	532	571	602	628	648	661	674	684
96	475	535	575	606	631	652	665	678	688
97	482	539	579	611	636	657	669	682	692
98	492	544	585	617	641	663	675	687	698
99	>=504	>=553	>=592	>=625	>=648	>=671	>=682	>=695	>=704

**Table 4**

**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 K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=298	<=312	<=333	<=354	<=371	<=384	<=391	<=401	<=406
2	299	313	334	355	372	385	392	402	407
3	302	319	344	366	382	397	404	413	418
4	305	323	350	372	389	404	412	419	425
5	307	327	354	376	394	409	416	425	432
6	308	330	358	379	399	413	420	430	438
7	310	333	362	383	402	417	424	435	441
8	311	336	365	385	405	420	428	438	444
9	312	338	367	387	408	422	431	441	447
10	313	340	369	390	410	425	434	444	450
11	314	342	371	392	412	428	437	446	453
12	315	343	373	393	414	430	439	448	456
13	316	345	374	395	415	433	441	450	459
14	317	346	375	397	417	435	443	452	461
15	318	347	376	398	419	437	445	454	463
16	319	349	378	399	421	438	446	457	464
17	319	350	379	400	422	440	448	459	466
18	320	351	380	401	423	442	449	461	467
19	321	352	381	403	425	443	451	462	469
20	322	353	382	404	426	444	452	463	471
21	323	354	383	405	428	445	454	465	473
22	323	355	384	406	429	446	455	466	474
23	324	356	385	407	430	447	457	467	476
24	325	357	386	408	432	448	458	469	477
25	325	358	387	409	433	450	460	470	478
26	326	358	387	410	434	451	461	471	480
27	327	359	388	411	435	452	462	473	481
28	328	360	389	411	436	453	463	474	482
29	328	362	390	412	436	454	463	475	483
30	329	363	390	413	437	455	464	476	484
31	330	364	391	413	438	456	465	477	486
32	330	365	392	414	439	457	466	479	486
33	331	366	392	415	440	457	467	480	487
34	332	366	393	416	440	458	468	481	488
35	332	367	393	416	441	459	469	482	489
36	333	368	394	417	442	460	470	483	490
37	334	368	395	418	443	461	471	484	491
38	334	369	395	419	443	462	472	485	491
39	335	370	396	420	444	462	473	486	492
40	335	370	396	420	445	463	474	486	493
41	336	371	397	421	446	464	475	487	494
42	337	371	398	422	446	464	476	488	495
43	337	372	398	423	447	465	477	488	495
44	338	373	399	424	448	466	477	489	496
45	339	373	399	424	449	467	478	490	497
46	339	374	400	425	449	467	479	490	497
47	340	374	401	426	450	468	480	491	498
48	341	375	401	427	451	469	481	492	499
49	341	375	402	427	451	470	482	493	500
50	342	376	402	428	452	470	483	493	501
51	342	376	403	429	453	471	484	494	502
52	343	377	404	430	454	472	484	495	502
53	343	378	404	430	454	473	485	496	503
54	344	378	405	431	455	474	486	496	504
55	345	379	406	432	456	474	487	497	505
56	345	379	406	433	457	475	487	498	505
57	346	380	407	433	457	476	488	498	507
58	346	381	408	434	458	477	489	499	508
59	347	381	408	434	459	477	489	500	509
60	347	382	409	435	460	478	490	501	510



Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
61	348	383	410	435	461	479	491	502	511
62	348	384	410	436	461	479	491	502	512
63	349	384	411	436	462	480	492	503	512
64	349	385	411	437	463	480	493	503	513
65	350	386	412	438	463	481	493	504	514
66	351	386	412	438	464	482	494	505	514
67	351	387	413	439	465	482	495	505	515
68	352	387	413	440	465	483	495	506	516
69	352	388	414	441	466	483	496	507	517
70	353	388	414	441	466	484	497	508	518
71	354	389	415	442	467	485	497	509	519
72	355	389	416	443	468	485	498	510	520
73	355	390	417	443	469	486	499	511	521
74	356	390	417	444	469	487	500	512	522
75	357	391	418	444	470	487	501	512	524
76	357	391	419	445	471	488	502	513	525
77	358	392	420	446	471	489	503	514	525
78	359	392	421	446	472	490	503	514	526
79	360	393	422	447	473	491	504	515	527
80	361	393	423	448	474	492	505	516	529
81	361	394	424	449	474	493	506	517	530
82	362	395	425	450	475	494	507	518	531
83	363	396	426	450	476	494	508	519	533
84	364	397	427	451	477	495	509	521	534
85	365	398	429	452	478	496	510	523	536
86	366	399	430	453	479	497	511	524	538
87	367	400	431	454	480	499	512	525	539
88	368	401	432	455	481	500	513	527	541
89	370	402	434	456	482	502	514	529	543
90	371	404	435	456	483	503	515	530	545
91	372	406	437	457	485	504	516	532	547
92	374	407	439	459	486	506	517	534	549
93	375	409	442	460	488	508	519	536	551
94	377	411	443	462	490	511	521	539	553
95	379	413	445	464	492	513	524	542	555
96	382	416	446	466	494	515	527	546	557
97	385	420	448	470	497	517	531	549	560
98	388	425	452	475	502	520	535	554	565
99	>=392	>=431	>=458	>=480	>=508	>=524	>=540	>=558	>=572

**Table 5**

**Winter *i-Ready Diagnostic* for Mathematics Percentile to Overall Score Conversion**

For Diagnostics taken between November 16 and March 1

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

Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=306	<=323	<=348	<=365	<=380	<=392	<=396	<=402	<=406
2	307	324	349	366	381	393	397	403	407
3	311	333	359	376	393	405	408	415	419
4	314	340	365	384	400	413	416	422	427
5	317	344	370	389	406	418	421	428	435
6	319	348	374	393	410	422	426	434	440
7	321	351	377	396	414	426	430	438	444
8	323	354	379	399	417	430	434	441	447
9	325	356	381	402	419	434	438	444	451
10	326	358	383	404	421	437	440	447	454
11	328	360	385	406	424	439	442	449	458
12	330	362	387	408	426	441	444	452	461
13	331	364	388	410	428	442	446	455	463
14	332	365	390	412	430	444	448	458	465
15	333	367	391	413	432	446	450	460	467
16	335	368	392	415	434	447	452	462	469
17	336	369	393	416	435	449	454	464	471
18	337	370	394	417	437	450	457	465	473
19	338	371	395	419	438	452	459	467	474
20	339	372	396	420	439	453	460	468	476
21	340	373	397	421	440	455	462	470	477
22	341	374	398	422	441	456	463	471	479
23	342	375	399	423	442	458	464	473	480
24	343	376	399	424	443	459	465	474	482
25	344	377	400	425	444	460	467	475	483
26	344	378	401	426	445	461	468	477	485
27	345	379	402	427	446	462	469	478	486
28	346	379	403	428	447	463	470	479	487
29	346	380	404	429	448	464	471	480	488
30	347	381	405	430	449	465	472	482	489
31	348	382	406	431	450	466	473	483	490
32	348	383	406	432	451	466	474	484	491
33	349	383	407	433	452	467	475	485	491
34	350	384	408	434	453	468	476	486	492
35	350	385	409	435	454	469	477	487	493
36	351	385	410	435	455	470	478	488	494
37	352	386	410	436	456	470	479	488	495
38	352	386	411	437	457	471	480	489	496
39	353	387	411	437	458	472	481	490	496
40	354	388	412	438	459	473	482	491	497
41	354	388	413	439	460	474	483	491	498
42	355	389	413	440	460	474	484	492	499
43	356	389	414	440	461	475	485	493	500
44	357	390	414	441	462	476	486	494	501
45	357	390	415	441	462	477	487	495	502
46	358	391	415	442	463	477	487	495	503
47	358	391	416	443	464	478	488	496	503
48	359	392	417	443	464	479	489	497	504
49	360	392	417	444	465	480	489	498	505
50	360	393	418	444	465	480	490	499	506
51	361	393	419	445	466	481	491	500	507
52	362	394	419	445	466	482	491	500	508
53	362	394	420	446	467	482	492	501	510
54	363	395	421	446	467	483	493	502	511
55	364	396	421	447	468	484	493	503	512
56	364	396	422	448	469	485	494	503	512
57	365	397	423	448	469	485	495	504	513
58	365	397	423	449	470	486	495	505	514
59	366	398	424	449	470	487	496	506	515



Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
60	367	399	425	450	471	487	497	506	515
61	367	399	425	451	472	488	498	507	516
62	368	400	426	451	472	489	499	508	517
63	368	400	427	452	473	489	499	509	518
64	369	401	428	452	473	490	500	510	519
65	370	402	429	453	474	491	501	511	521
66	370	403	430	453	475	492	502	511	522
67	371	403	430	454	475	492	503	512	523
68	372	404	431	454	476	493	503	513	524
69	372	405	432	455	477	494	504	513	524
70	373	406	433	455	478	494	505	514	525
71	374	406	434	456	478	495	505	515	526
72	374	407	434	457	479	495	506	516	527
73	375	408	435	457	480	496	507	517	528
74	376	409	436	458	481	497	508	518	530
75	376	409	437	458	482	498	509	519	531
76	377	410	438	459	482	499	510	520	532
77	378	411	439	460	483	500	511	521	533
78	379	412	440	460	484	501	512	522	534
79	379	413	441	461	485	501	513	524	536
80	380	413	442	462	486	502	513	525	537
81	381	414	443	463	486	503	514	526	539
82	382	415	443	463	487	504	515	527	540
83	383	417	444	464	488	505	516	529	541
84	384	418	445	465	489	506	517	530	543
85	384	419	445	465	490	507	518	532	544
86	385	420	446	466	491	508	519	533	546
87	386	422	447	467	492	510	521	535	547
88	387	423	448	468	494	511	523	536	549
89	388	425	449	469	495	512	524	538	551
90	389	426	450	471	496	513	526	540	552
91	390	428	451	473	498	514	528	542	554
92	391	430	453	474	499	516	530	544	556
93	392	431	455	476	501	517	532	546	557
94	394	433	456	478	502	518	534	548	559
95	396	435	458	480	504	521	536	551	562
96	398	437	460	482	507	523	538	553	565
97	401	440	462	486	511	526	541	556	569
98	405	444	466	490	514	530	544	559	574
99	>=414	>=449	>=471	>=496	>=518	>=535	>=550	>=566	>=579

**Table 6**

**Spring *i-Ready Diagnostic* for Mathematics Percentile to Overall Score Conversion**

For Diagnostics taken between March 2 and the end of the school year

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

Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
1	<=313	<=332	<=355	<=370	<=385	<=396	<=399	<=403	<=407
2	314	333	356	371	386	397	400	404	408
3	320	344	367	382	398	409	412	417	420
4	324	350	374	391	405	417	418	424	429
5	328	355	378	397	412	422	424	431	437
6	331	359	382	401	416	427	430	437	442
7	334	363	386	404	419	432	435	441	446
8	336	366	388	408	423	436	439	445	450
9	339	369	391	411	426	439	442	448	453
10	341	370	393	413	429	442	444	451	457
11	343	372	395	415	432	444	447	454	461
12	345	374	397	417	435	446	449	457	463
13	346	375	398	419	437	448	451	460	466
14	347	377	400	421	439	450	454	462	468
15	349	378	401	423	441	452	457	464	470
16	350	380	402	425	443	454	459	466	472
17	351	381	403	426	444	456	461	467	474
18	352	382	405	428	446	458	462	469	476
19	354	383	406	429	447	460	464	471	478
20	355	385	407	431	448	461	466	473	480
21	356	386	408	433	450	462	467	475	481
22	357	387	410	434	451	463	468	476	483
23	358	388	411	435	453	464	470	478	485
24	359	389	411	436	455	465	471	479	486
25	360	390	412	437	456	467	472	480	487
26	361	391	413	438	457	468	474	482	488
27	362	391	414	439	459	469	475	483	489
28	363	392	415	440	460	470	476	485	490
29	363	393	416	441	461	471	477	486	491
30	364	393	416	441	462	472	479	487	492
31	365	394	417	442	463	473	480	488	493
32	366	395	418	443	463	474	481	489	494
33	367	396	419	444	464	475	483	490	495
34	367	397	420	445	465	476	484	491	495
35	368	397	421	446	466	477	485	491	496
36	369	398	422	446	467	478	486	492	497
37	369	399	423	447	468	479	487	493	498
38	370	399	424	448	469	480	488	494	499
39	371	400	424	449	469	481	488	495	500
40	371	401	425	450	470	482	489	496	501
41	372	401	426	451	471	483	490	496	502
42	373	402	427	452	472	484	491	497	503
43	373	402	428	452	472	485	491	498	503
44	374	403	428	453	473	486	492	499	504
45	375	404	429	454	474	487	493	500	506
46	375	404	430	455	475	488	494	501	507
47	376	405	431	456	476	488	495	502	508
48	376	406	432	457	477	489	495	502	509
49	377	407	433	458	478	490	496	503	511
50	378	407	434	458	479	490	497	504	512
51	378	408	434	459	480	491	498	505	513
52	379	409	435	460	480	492	499	506	514
53	379	409	436	461	481	493	500	507	514
54	380	410	436	461	482	493	501	508	515
55	381	411	437	462	482	494	501	509	516
56	381	411	438	462	483	495	502	510	517
57	382	412	439	463	484	495	503	511	518
58	383	413	440	464	485	496	503	512	519
59	383	413	441	464	485	496	504	513	521
60	384	414	442	465	486	497	505	513	522

Percentile	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
61	385	415	442	466	486	498	505	514	523
62	385	416	443	466	487	498	506	515	524
63	386	416	443	467	488	499	507	515	525
64	386	417	444	467	488	500	508	516	525
65	386	418	445	468	489	501	509	517	526
66	387	418	445	469	490	502	510	518	527
67	387	419	446	470	491	503	511	519	528
68	388	420	446	470	491	504	512	520	530
69	388	421	447	471	492	505	513	521	531
70	389	422	447	472	493	505	513	522	532
71	390	423	448	473	494	506	514	523	533
72	390	424	449	473	494	507	514	524	534
73	391	425	450	474	495	508	515	525	535
74	391	425	450	475	496	509	516	526	536
75	392	426	451	476	497	510	517	527	538
76	392	427	452	477	498	511	518	528	539
77	393	428	452	478	499	512	519	529	540
78	394	429	453	478	500	512	520	531	541
79	395	430	454	479	501	513	522	532	542
80	396	430	455	480	502	514	523	533	544
81	396	431	456	481	502	515	524	535	545
82	397	432	456	482	503	515	526	536	547
83	398	433	457	483	504	516	527	538	548
84	399	434	458	484	506	517	529	539	549
85	400	435	459	485	508	518	531	541	551
86	401	436	459	486	510	519	532	543	552
87	402	437	460	487	511	521	533	545	554
88	403	438	461	488	512	522	535	546	555
89	405	439	462	489	513	524	537	548	556
90	406	441	463	491	514	525	538	550	558
91	408	442	464	492	515	527	541	551	560
92	410	444	465	494	516	530	543	553	562
93	413	445	467	496	516	531	545	555	565
94	416	447	468	497	518	532	546	557	568
95	418	449	471	499	519	534	548	558	571
96	421	451	474	501	521	535	549	561	574
97	424	454	476	503	523	537	552	564	577
98	428	458	479	506	525	539	555	569	580
99	>=435	>=463	>=484	>=513	>=530	>=544	>=559	>=575	>=585

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**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. When translating these results into tables that provide the *i-Ready Diagnostic* scale score associated with each percentile rank the following rules were applied.

- 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.