

North Dakota A+ Interim 1 and Interim 2 Scale Score Norms 2025-2026

Pearson is working closely with NDDPI to reimagine the approach used to report percentiles for ease of interpretation and use. The current direction we are exploring involves combining data across ND A+ interim administrations to create percentiles for each interim (i.e., Interim 1/fall percentiles, Interim 2/winter percentiles, etc.) that will be updated by adding additional interim results until those values are stable. The percentiles will be updated with additional student data annually, after the next corresponding interim administration (e.g., combine INT1 2024 with INT1 2025). Percentiles reported for subsequent interim administration would be based on this scale, with the aim that the reported percentiles would be more consumable by reflecting a single percentile value, rather than the percentile ranges that were initially provided. This approach will continue with data from the 2025-2026 ND A+ Interims.

Table 1 shows the norms calculated during the fall 2025 interim 1 administration as compared to the winter 2025 interim 1 administration. Table 2 shows the norms calculated using combined results from the winter 2024-2025 interim 2 administration and winter 2025-2026 interim 2 administration. Table 3 shows the norms calculated during the winter 2024-2025 interim 2 administration as compared to the winter 2025-2026 interim 2 administration. After the full 2025-2026 interim assessment cycle, the data will be reviewed to consider the timeline for a transition to state norms and percentiles.

The norms in Table 1 show the average scale scores, and standard errors for those scores, observed across North Dakota districts testing during interim 1 and interim 2. The norms can be interpreted as follows, using *six grade math* as an example.

- Average observed average six grade math score was 619.7 in interim 2, winter 2025-2026.
- Standard deviation was 56

This distribution represents a normal distribution, meaning that on average sixth grade students scored between 563.7 to 675.7 ($619.7 - 56$, $619.7 + 56$).

Table 1 – Average Scale Score Comparison

		Fall 2025 Interim 1 Administration			Winter 2025-2026 Interim 2 Administration		
Subject	Grade	Student Count	Average Scale Score	Standard Deviation	Student Count	Average Scale Score	Standard Deviation
Math	K	3018	148.9	11.0	2553	158.1	14.3
	1	3428	257.1	14.3	2869	263.7	15.1
	2	3471	250.8	14.4	3057	259.6	17.4
	3	4095	511.0	53.6	4389	543.6	63.3
	4	4246	556.6	58.0	4516	581.9	63.1
	5	4242	597.6	56.9	4436	620.6	63.4
	6	5254	603.5	49.8	5485	619.7	56
	7	5485	625.4	47.3	5615	631	50.9
Math High School	8	5425	634.1	48.9	5584	644.6	52.1
	ALG1	4982	1264.9	17.1	4921	1266.1	21
	ALG2	820	1375.3	19.0	836	1376.4	14.7
	GEO1	696	1294.5	21.9	701	1278.5	23.8
Reading	MAT10	5390	1318.2	22.7	5093	1312.5	23.5
	K	3147	141.7	10.3	2731	146.3	11.1
	1	3525	252.2	13.3	3038	258.9	13.5
	2	3623	248.0	12.0	3207	250.5	10.8

	3	4240	528.6	51.5	4520	539.6	52.8
	4	4380	566.0	56.4	4639	574.6	55.8
	5	4381	607.2	56.9	4578	614.5	55.8
	6	5303	629.2	55.7	5474	638	52.6
	7	5519	651.1	55.6	5519	658.7	54.8
	8	5452	675.0	57.4	5484	683.3	56.5
	9	5685	1295.3	25.3	5523	1290	24.3
	10	5339	1299.3	25.8	5099	1293	25.5

Table 2 – Average Scale Score Combining Winter 2024-2025 Interim 2 and Winter 2025-2026 Interim 2 student data

Combined Winter 2024-2025 and 2025-2026 Interim 2 Administrations				
Subject	Grade	Student Count	Average Scale Score	Standard Deviation
Math	K	4979	159.93	14.40
	1	5308	261.69	15.22
	2	5872	256.18	16.32
	3	8256	543.20	63.62
	4	8355	581.03	63.37
	5	8232	621.54	63.68
	6	10688	618.65	56.33
	7	10942	631.64	50.70
	8	10543	645.73	52.61
Math High School	ALG1	8899	1266.04	18.87
	ALG2	1757	1376.06	14.94
	GEO1	1317	1278.49	23.00
	MAT10	9331	1313.39	24.74
Reading	K	5140	146.32	11.22
	1	5535	258.83	13.53
	2	6049	249.88	10.83
	3	8463	539.81	52.77
	4	8524	575.34	56.38
	5	8380	617.87	54.81
	6	10744	636.86	52.91
	7	11132	658.49	54.07
	8	10420	684.97	58.35
Reading High School	9	9968	1289.07	24.68
	10	9433	1293.12	23.68

Table 3- Average Scale Score Comparing Winter 2024-2025 Interim 2 and Winter 2025-2026 Interim 2 student data

		Winter 2024-2025 Interim 2 Administration			Winter 2025-2026 Interim 2 Administration		
Subject	Grade	Student Count	Average Scale Score	Standard Deviation	Student Count	Average Scale Score	Standard Deviation
Math	K	2426	161.8	14.3	2553	158.1	14.3
	1	2439	259.3	15.0	2869	263.7	15.1
	2	2815	252.5	14.1	3057	259.6	17.4
	3	3867	542.8	64.0	4389	543.6	63.3
	4	3839	580.0	63.7	4516	581.9	63.1
	5	3796	622.7	64.0	4436	620.6	63.4
	6	5203	617.5	56.7	5485	619.7	56
	7	5327	632.3	50.5	5615	631	50.9
	8	4959	647.0	53.1	5584	644.6	52.1
Math High School	ALG1	3978	1265.9	15.8	4921	1266.1	21
	ALG2	921	1375.7	15.2	836	1376.4	14.7
	GEO1	616	1278.4	22.1	701	1278.5	23.8
	MAT10	4238	1314.5	26.1	5093	1312.5	23.5
Reading	K	2409	146.4	11.4	2731	146.3	11.1
	1	2497	258.8	13.6	3038	258.9	13.5
	2	2842	249.2	10.9	3207	250.5	10.8
	3	3943	540.0	52.8	4520	539.6	52.8
	4	3885	576.2	57.1	4639	574.6	55.8
	5	3802	621.9	53.3	4578	614.5	55.8
	6	5270	635.7	53.3	5474	638	52.6
	7	5613	658.2	53.3	5519	658.7	54.8
	8	4936	686.8	60.3	5484	683.3	56.5
	9	4445	1287.8	25.1	5523	1290	24.3
	10	4334	1293.3	21.3	5099	1293	25.5