

North Dakota A+

Interim 1 Score Norms 2024-2025

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 begin with data from the 2024-2025 ND A+ Interims.

The norms in Table 1 represent the average scores observed across North Dakota districts testing in the fall administration of 2024. The norms can be interpreted as follows, using third grade math as an example.

- Average observed 6th grade math score was 604.6 in interim 1.
- Standard deviation was 50.6.

This distribution represents a normal distribution, meaning that 68% of sixth grade students scored between 554.2 to 655.4 (604.6 – 50.6, 604.6 + 50.6). Table 4 shows the average scales scores and standard errors for interim 1.

Table 1 – Average Scale Score Comparison

Interim 1 Administration			
Subject	Grade	Average Scale Score	Standard Deviation
Math	K	149.6	11.6
	1	256.7	14.0
	2	250.8	14.2
	3	511.7	53.4
	4	556.3	58.2
	5	601.3	57.9
	6	604.8	50.6
	7	625.3	47.3
	8	634.7	48.9
	ALG1	1277.6	20.0
	ALG2	1375.3	21.3
	GEO1	1294.3	21.9
	MAT10	1313.2	28.2
Reading	K	141.4	9.8
	1	253.4	13.7
	2	246.6	12.4
	3	530.7	52.2
	4	565.7	56.6
	5	606.5	54.5
	6	628.8	56.1
	7	651.0	56.1
	8	675.3	55.9
	9	1295.1	26.1
	10	1293.9	23.1