

Monitoring Growth in Student Achievement

In 2002, the Northwest Evaluation Association completed a norming study designed to describe student achievement status and growth along the RIT scales. The study included over 1.05 million students from 323 school districts in 24 states who were administered Achievement Level Tests and Measures of Academic Progress (MAP) tests. These assessment instruments are uniquely designed to provide accurate measurement of student achievement and student growth across time.

Achievement and growth for the students involved in the norming study are described in the tables below and on the back. The mean (average) and median achievement values are based on all students in the study for that season. The median is the 50th percentile rank; half the students for the grade scored above this level and half scored below. The mean growth values are based only on students with scores from each of the testing seasons used to estimate growth.

The values in these tables are based on the performance of students from a wide variety of schools and school districts. As we improve education, we expect that students in our districts will achieve at higher levels and grow more rapidly. The RIT scores and mean growth values in these tables should be considered as *typical* or *indicative* of student performance at each grade level. They should *not* be considered as long-term goals, stopping points or expectations.

Mathematics Achievement and Growth

Grade	Fall		Spring		Ending Grade	Mean Growth		
	Median	Mean	Median	Mean		Fall to Spring	Fall to Fall	Spring to Spring
2	178	177.6	189	188.2	2	15.7	n/a	n/a
3	191	189.7	201	199.7	3	11.8	13.4	12.8
4	201	200.4	209	208.6	4	8.9	12.0	9.3
5	209	208.9	217	216.4	5	8.8	9.3	9.2
6	216	215.2	222	221.9	6	8.1	7.3	6.4
7	222	220.9	228	227.5	7	6.9	8.5	6.9
8	228	227.2	235	234.0	8	7.1	7.7	8.1
9	231	229.8	244	240.9	9	5.8	6.2	7.8
10	235	232.7	251	248.2	10	4.8	4.9	2.4

(over for Reading and Language Usage)

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12909 SW 68th Pkwy, Suite 400
Portland, Oregon 97223-8323
503/624-1951
Fax 503/639-7873
www.nwea.org

Reading Achievement and Growth

Grade	Fall		Spring		Ending Grade	Mean Growth		
	Median	Mean	Median	Mean		Fall to Spring	Fall to Fall	Spring to Spring
2	179	177.7	188	186.6	2	14.9		n/a
3	191	188.7	199	197.2	3	10.4	14.1	11.9
4	200	198.0	206	204.3	4	7.4	10.7	7.6
5	207	205.2	212	210.3	5	6.3	8.0	7.0
6	212	210.5	217	215.2	6	5.3	6.1	5.3
7	216	214.4	221	218.9	7	4.3	5.3	4.3
8	220	218.3	225	222.8	8	4.2	4.6	4.3
9	223	221.0	226	224.2	9	2.9	3.8	3.0
10	225	223.1	226	224.3	10	2.6	3.6	3.3

Language Usage Achievement and Growth

Grade	Fall		Spring		Ending Grade	Mean Growth		
	Median	Mean	Median	Mean		Fall to Spring	Fall to Fall	Spring to Spring
2	180	180.0	190	189.0	2	n/a	n/a	n/a
3	194	191.6	201	199.0	3	9.3	n/a	10.7
4	203	200.9	207	205.5	4	6.5	9.6	7.5
5	209	207.3	213	211.5	5	5.8	6.4	6.4
6	214	212.2	217	215.3	6	4.5	5.1	4.3
7	217	215.2	220	218.4	7	3.6	3.8	3.6
8	220	218.7	223	221.3	8	3.5	3.2	3.4
9	222	220.4	224	223.4	9	2.4	2.6	2.4
10	224	222.2	224	222.5	10	1.9	1.9	1.2