

Fall 2013 International Comparisons

The data presented are overall means and standard deviations by grade level and content areas, sorted by regional associations. This summary report is produced twice per school year after end of the fall and spring testing windows.

The total of test administrations in Fall 2013 were 422,895 in:

- Mathematics, 140,674
- Reading, 140, 617
- Language Usage, 116,540
- General Science, 24,120
- Science Concepts and Processes, 944.

Tables include the following information:

1. Number of students tested in each grade/subject
2. Mean RIT score
3. Standard deviation of the RIT score

The information is presented in these groupings:

1. All International Students – all A/OS, Non A/OS, and unaffiliated schools
2. All A/OS Schools - Overseas American-Sponsored Elementary and Secondary Schools assisted by the U.S. Department of State Office of Overseas Schools
3. All Non A/OS Schools – Schools not assisted by US Department of State’s Office of Overseas Schools
4. Data by member schools of geographical regions:
 - Association of American Schools in South America (AASSA)
 - Association of International Schools in Africa (AISA)
 - Central and Eastern European Schools Association (CEESA)
 - East Asia Regional Council of Overseas Schools (EARCOS)
 - European Council of International Schools (ECIS)
 - Mediterranean Association of International Schools (MAIS)
 - Near East South Asia Council of Overseas Schools (NESA)
 - Association of American Schools of Central America, Colombia, the Caribbean and Mexico (Tri-Association)

* *Many schools are affiliated with more than one regional association. Students of schools that are members of multiple associations are included in each association’s total.*

Frequently Asked Questions

1. What is this report?

This report is an aggregated statistical analysis of MAP data from international schools. It provides a consistent means of comparisons of specific sub-groups of by subject and grade. This allows partners to compare their MAP results with other schools within their region or membership organization.

2. Why are these sets of data called *International Comparisons* and not *International Norms*?

There is an important statistical difference between the way the international data was compiled and the way USA norms are compiled. In developing our norms, large representative samples of test data are selected to assure that demographic groups and geographic regions in the USA are equally represented in the data set. NWEA uses approximately 5 million test results for this kind of study. Employing this method the means, standard deviations, and growth targets are not skewed by over representation of any one group or region. Norms are used to describe what the likely data would be if all students in the US were tested. The International Comparisons are not statistical constructs like norms but are an accurate reflection of the students who actually tested. USA norm data is used in all NWEA MAP reports to help partners target growth for students.

3. How were these *International Comparisons* calculated?

All MAP scores for international students are aggregated by school, region, and membership organizations without attempting to balance by region or demographic group. The number of students tested is not large enough to support developing balanced samples. Means and standard deviations are calculated from all international students test data and are descriptive of the actual performance. All comparisons made using the data are valid.

4. How can these *International Comparisons* be used?

The International Comparisons can be used to compare schools to other schools within a region, across regions, or across membership organizations. Another use of these comparisons would be to compare these international students to similarly performing students from the USA norms. International schools may use the USA norms study (<http://www.nwea.org/support/article/normative-data-2011>) as a comparison to their students.

In addition to comparisons to USA means, international schools can use the growth data available in the USA norms to compare the rate of student growth, and set growth targets.

5. How often are the *International Comparisons* calculated?

The comparisons are calculated twice each year, in the spring and fall. This allows for the most recent data on which to compare individual schools and regions. Every three years we collect, aggregate, and report fall and spring test data to provide a method for longitudinal comparisons.

All International Students Tested Using Either Web Based or Client Server MAP in Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	148.69	13.453	1930	146.72	11.26	1943	151.15		1						
1	166.48	15.62	4702	162.27	15.2	4544	180.18	19.667	20						
2	180.76	14.825	9200	175.92	16.832	9010	176.07	16.476	5753	179.13	12.592	589			
3	193.19	14.279	16884	188.42	16.749	17065	190.35	16.445	15074	188.69	11.984	2239	188.84	10.569	105
4	204.33	14.997	17969	197.73	16.501	18107	199.98	15.664	15566	194.37	12.102	2555	194.71	9.4988	100
5	214.69	16.402	17473	205.48	16.665	17706	207.41	15.272	15308	200.49	12.036	2650	197.85	10.017	137
6	221.06	15.882	17147	210.93	16.358	17072	212.6	14.471	15089	204.46	12.123	3468	203.11	9.4232	126
7	227.49	16.689	17536	215.95	16.041	17005	216.92	13.962	15183	209.19	12.445	3747	208.12	10.449	147
8	234.83	16.884	16612	220.95	15.425	16318	221.12	12.971	14553	212.82	12.481	3585	211.89	9.6219	143
9	239.35	17.805	12802	224.09	15.702	12808	223.22	13.21	10751	216.45	12.906	3073	215.42	10.93	135
10	243.42	19.103	8292	226.14	16.238	8715	224.82	13.333	7279	215.26	14.21	1608	219.78	11.602	51
11	239.74	19.885	1510	223.35	17.051	1641	223.62	14.463	1468	218.32	12.326	451			
12	243.5	21.548	547	226.78	16.039	626	227.5	13.103	495	218.55	15.07	155			

All AOS Affiliated International Students Tested Using Either Web Based or Client Server MAP in Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	149.28	12.406	560	146.83	11.097	573									
1	167.6	14.667	1137	163.88	14.224	1140	190.52	3.8636	2						
2	185.43	12.465	3216	181.33	14.51	3250	181.17	14.752	1580	181.14	10.76	57			
3	197.79	12.055	6622	194.61	14.172	6760	196.36	13.518	5371	191.57	10.272	433	188.84	10.569	105
4	209.69	12.441	7254	204.15	12.959	7345	205.77	12.046	5752	197.59	9.7074	455	194.71	9.4988	100
5	220.52	14.07	7070	211.53	13.553	7300	212.63	11.896	5771	204.15	9.6394	496	200.85	8.2813	96
6	226.38	13.114	7277	216.67	13.141	7052	217.57	11.213	5912	207.23	9.6125	738	206.76	7.3905	81
7	232.83	13.985	7434	221.27	13.054	7172	221.24	10.925	6117	211.65	10.575	823	210.82	9.4807	96
8	239.51	14.696	7002	225.89	12.61	7016	225.06	10.484	5958	215.22	10.692	818	211.85	9.9421	95
9	244.22	15.628	5169	229.18	13.144	5261	226.76	10.799	3975	219.96	10.475	610	217.29	11.228	95
10	249.79	17.077	3023	232.82	12.834	3237	229.05	10.859	2395	220.22	11.412	257			
11	246.22	16.73	362	229.6	14.745	440	228.16	11.811	371	220.17	11.021	91			
12	248.84	16.563	101	231.88	13.081	97	231.26	10.69	97	222.26	14.25	26			

All Non AOS Affiliated International Students Tested on Client Server or Web Based MAP During Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	148.50	13.90	1352	146.67	11.33	1370	151.15		1						
1	166.25	15.93	3437	162.03	15.43	3298	179.03	20.43	18						
2	178.40	15.45	5784	173.18	17.28	5588	175.21	16.82	3753	181.63	12.75	405			
3	190.53	14.79	9796	184.58	17.08	9924	187.65	16.96	9025	188.84	12.09	1673			
4	201.02	15.49	10263	193.64	17.19	10349	197.24	16.37	9222	194.51	12.31	1950			
5	211.13	16.65	9940	201.57	17.29	9976	204.95	15.98	8918	200.28	12.20	2021	190.82	10.30	41
6	217.49	16.56	9466	207.15	17.15	9680	209.97	15.19	8642	204.27	12.38	2596	196.56	9.20	45
7	224.10	17.36	9604	212.26	16.91	9511	214.39	14.91	8584	208.83	12.80	2803	203.03	10.37	51
8	231.86	17.43	9092	217.43	16.25	8998	218.77	13.65	8097	212.54	12.75	2651	211.98	9.06	48
9	236.19	18.41	7446	220.62	16.29	7445	221.25	13.96	6597	215.89	13.19	2397	210.98	8.82	40
10	239.86	19.21	5065	222.48	16.53	5349	222.97	13.79	4687	215.21	14.19	1243	219.78	11.60	51
11	237.54	20.39	1133	221.04	17.26	1194	222.08	14.95	1090	217.85	12.61	360			
12	242.24	22.40	444	225.88	16.37	527	226.59	13.52	395	217.81	15.17	129			

All AASSA Affiliated International Students Tested on Client Server or Web Based MAP During Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	151.34	11.855	319	147.48	10.363	319									
1	167.37	14.679	822	163.22	13.723	729									
2	183.77	12.387	1621	178.88	13.909	1521	179.51	14.747	787	183.3	10.052	39			
3	194.22	11.155	2759	190.23	14.253	2697	193.29	13.893	2534	191.21	8.1854	186			
4	204.55	11.944	2969	199.97	13.954	2966	202.74	12.801	2746	196.85	8.5765	297			
5	214.36	13.109	3120	207.37	14.038	3136	209.5	12.361	2884	201.67	10.998	486	190.82	10.297	41
6	221.15	12.455	2881	212.99	13.537	2928	214.58	11.618	2690	206.26	10.191	392	196.61	9.2974	44
7	227.33	13.014	3162	217.19	13.412	3179	217.84	11.491	2952	210.99	10.666	511	203.03	10.373	51
8	233.86	13.47	2934	222.24	12.998	2985	221.79	11.143	2753	213.89	9.5324	451	212.16	9.073	47
9	237.17	14.151	2489	224.96	13.416	2633	224.07	11.426	2343	214.47	10.531	448	210.98	8.8246	40
10	243.16	15.521	1741	228.51	13.542	1830	226.47	11.669	1680	219.61	10.562	348	219.78	11.602	51
11	243.06	17.004	209	231.1	13.679	267	228.18	12.094	236	226.1	8.8225	15			
12	241.37	16.436	45	229.68	12.327	95	228.48	10.596	95						

All AISA Affiliated International Students Tested on Client Server or Web Based MAP During Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
13	148.15	9.77	20	147.51	12.51	32						
1	170.61	17.95	108	168.53	16.18	111	193.25		1			
2	183.47	11.97	324	181.23	15.51	322	181.93	14.93	148			
3	195.35	12.07	497	192.40	14.63	502	192.81	14.34	297	193.00	9.60	118
4	206.89	11.77	581	202.79	12.91	579	202.61	11.95	375	198.17	8.99	131
5	216.77	13.48	550	210.12	13.84	549	210.92	12.51	350	203.94	10.30	129
6	221.97	12.77	475	213.72	14.47	476	215.45	11.93	312	206.53	10.77	178
7	227.77	12.89	469	218.68	13.73	467	219.39	10.92	319	210.74	10.09	194
8	233.36	14.90	457	223.34	12.86	457	222.03	11.17	309	214.93	10.87	205
9	243.42	14.87	305	230.31	12.61	309	228.04	10.02	281	223.01	9.54	154
10	245.96	15.88	131	231.53	12.37	132	228.44	9.42	100	221.21	10.47	55
11	244.63	17.78	35	234.51	8.62	35	226.44	11.04	19	221.53	9.08	22
12	248.35	16.05	4	231.52	19.96	4	227.45	13.73	4			

All CEESA Affiliated Students Tested on Client Server or Web Based MAP Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	144.83	12.57	67	141.50	10.42	67						
1	163.84	14.32	227	159.35	14.11	227	173.25	20.55	2			
2	183.35	12.84	559	179.52	15.50	555	181.33	15.78	280	175.87	8.85	18
3	195.70	11.71	985	192.68	14.19	978	195.07	13.88	778	189.34	10.24	56
4	207.68	11.89	1127	202.30	13.66	1134	205.03	12.46	870	196.78	8.86	59
5	219.73	13.59	1026	211.41	13.31	1037	213.27	11.88	780	204.86	8.94	42
6	226.63	12.91	1052	215.19	13.85	998	216.79	11.42	795	208.02	9.31	59
7	232.28	13.65	1013	219.60	13.87	960	219.63	12.09	766	208.93	11.78	119
8	239.30	14.25	1022	224.93	12.77	956	224.43	10.38	764	214.46	11.99	114
9	244.75	16.65	608	227.72	14.22	610	225.86	11.50	504	218.04	11.63	105
10	249.67	17.35	456	230.50	13.82	448	227.39	11.74	356	219.85	11.18	93
11	251.02	16.40	79	229.69	13.52	78	229.53	9.71	79	218.52	12.55	26
12	249.89	18.88	39	231.37	14.46	40	232.51	11.24	40	221.71	14.54	22

All EARCOS Affiliated International Students Tested on Client Server or Web Based MAP in Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	153.48	15.81	264	151.94	13.51	272	151.15		1			
1	173.64	16.10	491	169.77	17.16	474	152.53	4.71	2			
2	187.26	14.12	874	184.02	15.60	881	186.77	15.96	647	183.21	14.25	60
3	201.45	12.52	2653	197.37	13.80	2664	199.77	13.82	2138	194.09	11.28	224
4	213.96	13.47	2920	206.09	13.36	2924	208.30	12.51	2359	201.80	11.22	212
5	225.17	15.14	3048	213.53	13.84	3098	214.93	12.23	2460	204.70	11.30	218
6	230.55	13.82	3141	218.07	13.94	2938	219.30	11.84	2667	207.60	10.64	359
7	237.96	15.04	3360	222.77	13.90	3121	223.32	11.70	2845	211.23	12.44	465
8	245.46	15.31	3139	226.64	13.64	3153	226.47	11.33	2896	216.83	11.40	434
9	250.33	16.85	1964	228.44	14.20	2000	226.96	11.97	1469	220.20	11.60	262
10	255.23	18.63	1306	231.41	14.43	1471	229.25	11.67	1071	216.37	13.94	93
11	249.62	21.64	152	222.06	16.29	203	223.01	14.64	186	221.28	9.07	12
12	260.94	21.04	35	226.99	15.68	65	227.98	15.55	69	216.33	8.88	9

All ECIS Affiliated International Students Tested on Client Server or Web Based MAP Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	143.20	10.30	157	143.92	9.88	151									
1	164.69	13.13	367	160.95	13.46	276									
2	184.29	13.48	981	179.95	14.53	900	180.22	15.40	342	176.87	14.86	5			
3	196.92	12.40	2868	193.57	14.22	2859	196.17	13.64	2334	191.54	10.19	222	188.84	10.57	105
4	209.40	12.46	3149	203.36	13.47	3046	206.15	12.36	2396	196.60	10.30	199	194.71	9.50	100
5	220.42	14.46	3068	210.75	13.91	3030	212.84	11.85	2527	201.96	9.81	246	200.85	8.28	96
6	226.05	13.16	3156	215.61	13.55	3124	216.95	11.64	2531	207.57	10.43	396	206.76	7.39	81
7	232.58	14.52	3045	220.71	13.65	2970	221.15	11.29	2484	212.03	10.94	454	210.82	9.48	96
8	239.25	14.96	2940	224.96	13.19	2905	224.47	10.90	2386	215.98	10.99	423	211.85	9.94	95
9	245.13	15.93	2181	229.09	13.52	2226	226.43	10.55	1527	220.51	11.07	484	217.29	11.23	95
10	249.76	18.36	1394	232.14	14.12	1542	227.03	11.85	844	216.22	13.30	98			
11	231.03	19.40	35	213.35	18.89	32	217.28	13.88	33	214.37	14.87	32			
12				232.11	12.74	14									

All MAIS Affiliated International Students Tested in Fall 2013

Grade	Mathematics			Reading			Language Usage		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	142.93	10.10	121	144.40	9.46	115			
1	161.74	13.52	137	161.45	13.52	135			
2	181.47	12.64	308	178.44	14.30	305	177.28	14.78	133
3	193.01	11.68	629	191.14	14.64	627	192.82	14.32	590
4	205.55	11.67	707	200.42	13.00	699	203.34	12.74	605
5	216.34	12.69	733	209.19	13.26	727	211.09	11.79	667
6	221.50	12.47	721	212.32	13.68	676	214.00	12.37	598
7	228.81	14.02	818	218.79	13.37	736	219.99	11.32	663
8	233.85	13.53	798	221.12	12.80	730	222.19	10.27	640
9	239.53	14.44	604	225.51	12.78	648	225.23	10.92	555
10	243.74	14.68	345	228.34	13.53	357	227.53	10.53	279
11	231.82		1				220.69		1
12				232.11	12.74	14			

All NESA Affiliated International Students Tested on Client Server or Web Based MAP Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
K	147.73	13.60	104	145.98	10.53	104									
1	166.69	13.76	566	163.52	13.94	532									
2	183.66	13.36	1383	179.84	15.13	1388	178.29	14.89	832	178.10	10.78	85			
3	196.36	12.82	2898	192.31	15.07	3211	194.83	13.71	2962	192.61	10.09	651	188.84	10.57	105
4	207.41	14.48	3104	201.82	14.37	3167	204.43	12.91	2910	199.33	10.25	600	194.71	9.50	100
5	218.20	16.18	3058	208.87	15.11	3191	211.00	12.84	2928	204.49	9.92	563	200.85	8.28	96
6	224.50	15.04	3275	215.31	13.99	3317	216.37	11.57	3010	208.44	9.93	830	206.76	7.39	81
7	230.88	15.43	3371	220.29	13.54	3382	220.20	11.09	2995	213.15	10.21	815	210.82	9.48	96
8	237.48	16.09	3278	224.72	13.51	3266	224.01	10.85	2933	216.66	10.91	812	211.85	9.94	95
9	243.42	17.08	2873	228.37	14.35	2869	225.26	11.75	2118	220.72	11.97	759	217.29	11.23	95
10	246.76	18.87	1498	231.10	14.43	1659	226.49	11.70	1105	220.95	10.69	65			
11	239.31	20.80	97	220.98	18.13	152	224.30	13.81	99	216.09	10.44	19			
12	239.37	24.85	33	224.16	19.18	46	233.89	11.31	23	221.28	15.53	16			

All TRI Association Affiliated International Students Tested on Client Server or Web Based MAP Fall 2013

Grade	Mathematics			Reading			Language Usage			General Science			Concepts & Processes		
	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count	Mean	S.D.	Count
13	146.94	12.005	483	144.99	9.9261	484									
1	167.35	13.723	1099	163.21	12.319	1009	151.26		1						
2	183.03	11.596	2194	177.98	13.699	2098	178.67	13.635	1243	178.1	9.4423	95			
3	193.33	10.984	3420	188.88	14.195	3352	191.52	13.947	3079	186.7	10.252	436			
4	203.55	11.686	3579	198.26	14.104	3607	200.76	12.879	3216	193.65	10.235	436			
5	212.82	12.239	3784	205.23	14.315	3799	207.74	12.276	3334	200.51	11.057	563	190.82	10.297	41
6	219.28	12.463	3531	211.57	13.602	3529	213.24	11.72	3142	203.84	11.142	656	196.56	9.1977	45
7	225.2	13.112	3794	215.52	13.763	3699	216.54	11.565	3287	209.33	11.397	788	203.03	10.373	51
8	232.25	13.522	3538	221.22	13.203	3482	220.96	11.093	3016	212.77	10.078	649	211.98	9.0559	48
9	236.87	14.006	3140	225.31	12.9	3130	224.02	10.847	2735	215.47	11.24	725	210.98	8.8246	40
10	241.11	15.594	1968	228.51	12.941	1971	226.34	11.097	1617	216.83	11.674	355	219.78	11.602	51
11	237.2	16.14	416	225.61	14.606	370	225.6	10.469	365	217.57	12.469	171			
12	243.57	21.377	177	224.84	17.226	167	226.17	12.256	179	218.02	15.95	55			