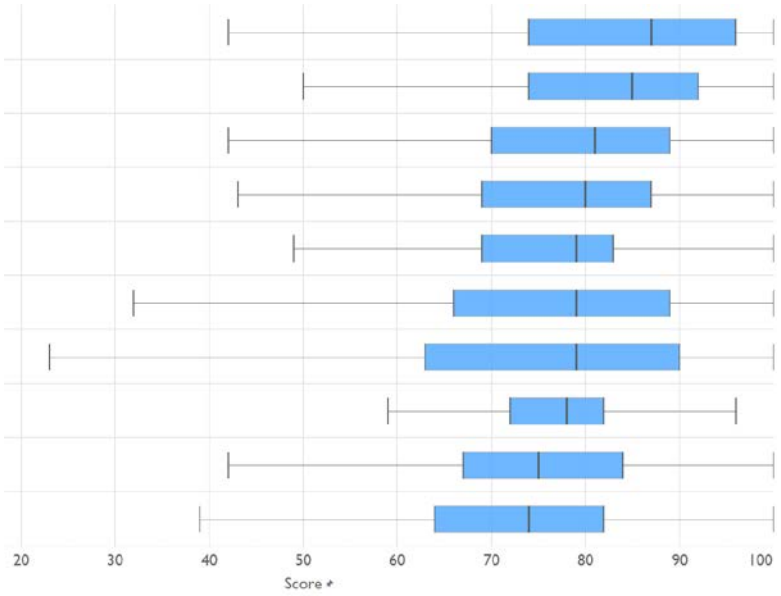
Regents Assessment Analysis

Regents Performance, WNY, June 2017

This box and whisker graph shows the students' score performance for all Western New York regents exams administered in June, 2017.

The black bar indicates the median score for the group.

The blue box indicates the performance range for the middle half of the population tested (the second and third quartiles).



Median Scores

US History (86)

ELA (85)

Physics (81)

Living Env (80)

Algebra I (79)

Earth Science (79)

Global (79)

Algebra II (78)

Chemistry (75)

Geometry (74)

Gap Analysis Examples

No Item Map

			District n=4									BOCES n=77
			#					%				
		% Points Earned	1	2	3	4	No Response	1	2	3	4	No Response	Gap to BOCES
-													
-	A-01	100%	4	0	0	0	0	100%	0%	0%	0%	0%	13%
	A-02	75%	0	1	3	0	0	0%	25%	75%	0%	0%	-8%
	A-03	100%	0	4	0	0	0	0%	100%	0%	0%	0%	10%
	A-04	100%	4	0	0	0	0	100%	0%	0%	0%	0%	5%

This is a basic gap analysis. It shows the difference in performance, by item, between the district students and those in the BOCES. Adding item map information would help identify areas of strength and those in need of improvement.

Numeric Sort

				District n = 80					Region n = 15,867					Gaps
Q #	Identifier	Reference Table	Student Selections	% Correct	1	2	3	4	% Correct	1	2	3	4	Gap to Region
A-01	4PS.3.1b		1 2 3 4	100%	0% 0	0% 0	100% 80	0% 0	96%	1%	0%	96%	2%	4%
A-02	4PS.3.1h		1 2 3 4	99%	1% 1	99% 79	0% 0	0% 0	95%	5%	95%	0%	0%	4%
A-03	4PS.3.1e	Periodic Table	1 2 3 4	91%	91% 73	5% 4	4% 3	0% 0	91%	91%	6%	3%	0%	0%
A-04	4PS.3.1f		1 2 3 4	84%	10% 8	84% 67	1% 1	5% 4	86%	5%	86%	2%	7%	-2%

Sort by Standard

WNYRIC Version

			District n = 80					Region n = 15,867					Gaps
			% Correct	1	2	3	4	% Correct	1	2	3	4	Gap to Region
10: Nuclear Chemistry			**10: Nuclear Chemistry**										
Key Idea - Energy exists in many forms, and when these forms change energy is conserved.			**Key Idea - Energy exists in many forms, and when these forms change energy is conserved.**										
Performance Indicator - Explain the benefits and risks of radioactivity.			**Performance Indicator - Explain the benefits and risks of radioactivity.**										
MU - 4PS.4.4a Each radioactive isotope has a specific mode and rate of decay (half-life).	B1-46	1234	74%	5% 4	74% 59	13% 10	9% 7	70%	5%	70%	16%	9%	4%
MU - 4PS.4.4b Nuclear reactions include natural and artificial transmutation, fission, and fusion.	B1-48	1234	50%	15% 12	23% 18	13% 10	50% 40	52%	10%	25%	14%	52%	-2%
MU - 4PS.4.4c Nuclear reactions can be represented by equations that include symbols which represent atomic nuclei (with the mass number and atomic number), subatomic particles (with mass number and charge), and/or emissions such as gamma radiation.	B1-47	1234	63%	18% 14	63% 50	15% 12	5% 4	78%	13%	78%	7%	2%	-15%

Sort by Standard

Common Data View

			District n=2										Region n=491
			#					%					
		% Points Earned	1	2	3	4	No Response	1	2	3	4	No Response	Gap to REGION
01: Atomic Concepts													
Performance Indicator - Explain the properties of materials in terms of the arrangement and properties of the atoms that compose them.													
MU - 4PS.3.1a The modern model of the atom has evolved over a long period of time through the work of many scientists.	A-02	50%	0	0	1	1	0	0%	0%	50%	50%	0%	-18%
MU - 4PS.3.1c Subatomic particles contained in the nucleus include protons and neutrons.	A-01	0%	0	0	1	1	0	0%	0%	50%	50%	0%	-85%
MU - 4PS.3.1j When an electron in an atom gains a specific amount of energy, the electron is at a higher energy state (excited state).	B1-32	0%	0	0	0	2	0	0%	0%	0%	100%	0%	-65%