

External Validation Data

The Individual Student Longitudinal Improvement Plan has been under development for more than fifteen years. However, only in the last eighteen months have the tutorials put on line so students have a way to directly address the errors that were identified for them.

For school districts have been involved as the ISLIP program evolved. They are

Pleasantdale district in Burr Ridge.
Kenilworth District (Sears School) in Kenilworth
Butler District in Oak Brook
Rondout district in Rondout

The ISLIP program has been developed using the Iowa Tests of Basic Skills. The ITBS is uniquely structured to clearly identify the error baggage which has shown to have, if not corrected, a strong negative impact on future improvement. ITBS scores in these cooperating districts have clearly increased over the past five years. But the nagging question is always: Does the same improvement appear in the results from a completely independent test?

Fortunately, such an independent measure is available. In Illinois, all students take the state test, called the ISAT. The ISAT has both a Reading and a Math test.

The ISAT does not have state norms, so percentile ranks are not available. However, three measures common measures are available across the last five years. They are:

At the mid-range level, the average standard score for each year. The ISAT has a continuous, three-digit standard score beginning around 120 in grade 3 up to near 400 in grade 8.

At the lowest level, the No Child Left Behind legislation require the state to report on the number of student who do not attain proficiency levels.

These four are all very high-performing districts, so that number of students below the proficiency cut-score is also quite low.

At the upper level, the ISAT reports on level above the "Proficiency Level" which is called "Excellence."

The two tables below show the average scores for these four districts. The question: Does the success in bringing student performance increases on the ITBS itself transfer to an independent measure?

The answer: an emphatic yes. A best-fitting straight line slope was computed for each of the five year periods. The slopes ranged from double-digit values down to just a little over zero. But without exception, every single slope was positive. The ISLIP works.

MATH							
Measure	Grade	Y2007	Y2008	Y2009	Y2010	Y2011	
Mean Scaled Score	3	237	237.3	239	239.3	238.8	0.438
No. below Proficient	3	0.75	0.75	0.5	0.5	0.25	Low 2011
% at Excellent	3	71.75	73.75	75.75	76.5	79.25	3.22
Measure		Y2007	Y2008	Y2009	Y2010	Y2011	
Mean Scaled Score	4	249.5	247	248	246	247.8	0.67
No. below Proficient	4	0.5	1.75	0.75	1.25	0.5	Low 2011
% at Excellent	4	57	48.25	52.5	49.5	49.75	4.883
Measure		Y2007	Y2008	Y2009	Y2010	Y2011	
Mean Scaled Score	5	259.3	262.3	258.8	260.3	263.3	1.5
No. below Proficient	5	3	1.5	3.5	2.25	1.75	Low 2011
% at Excellent	5	42	38.25	37.75	38.5	39	1.132
Measure		Y2007	Y2008	Y2009	Y2010	Y2011	
Mean Scaled Score	6	270.3	271.5	274.8	272.8	278	3.692
No. below Proficient	6	4.25	2.5	1.5	2	1.25	Low 2011
% at Excellent	6	40.25	46.25	48.5	49.25	54	10.03
Measure		Y2007	Y2008	Y2009	Y2010	Y2011	Low 2011
Mean Scaled Score	7	287.5	284.5	285	289.3	288.3	1.708
No. below Proficient	7	1	2.5	2.5	1.25	1	Low 2011
% at Excellent	7	58.75	55	61.5	57.5	62.75	3.858
Measure		Y2007	Y2008	Y2009	Y2010	Y2011	
Mean Scaled Score	8	296	300.5	295.5	294.5	301.5	4.02
No. below Proficient	8	2.5	1.25	2.5	1.5	1	Low 2011
% at Excellent	8	58.5	66.25	58	60	66	6.6