

RELATING STS' ILLINOIS LEARNING STANDARDS BATTERY (ILSB) PERFORMANCE TO ILLINOIS' PRAIRIE STATE ACHIEVEMENT EXAM (PSAE) PERFORMANCE

In the fall of the 2002-2003 school year, a select group of Illinois School Districts provided STS with their results from the spring 2002 Illinois PSAE assessments. That select group also administered STS' ILSB in the spring of 2001. A total of ten districts from various counties were involved.

Of those districts, students' results were matched by name between the ILSB and PSAE assessments for the grades and subtests that could be compared. This resulted in 2,827 pairs of matched scores.

RELATIONSHIP BETWEEN STS' ILSB AND ILLINOIS' PSAE

Table 1 below shows the summarized concurrent correlations:

**TABLE 1
PREDICTIVE VALIDITY COEFFICIENTS**

Correlations between	Grade	Combined Study
ILSB Language vs. PSAE Reading	11	.79
ILSB Reading vs. PSAE Reading	11	.74
ILSB Mathematics vs. PSAE Mathematics	11	.86
ILSB Science vs. PSAE Science	11	.78
ILSB Social Studies vs. PSAE Social Sciences	11	.81

COMPARISON OF ASSESSMENT NORMS PROVIDED FOR EACH

The Illinois PSAE assessment program utilizes a *Standard Score (SS)*, with a scale ranging from 120 to 200. STS' ILSB provides a number of normative scores, with the estimated national percentile rank (NP) provided for all subjects at grade 10.

With normative results available from both assessment programs for all grades and subjects reported in the preceding section, it was possible to "equate" the two systems of norms through the use of the traditional "equi-percentile" equating procedure.

USING RESULTS TO COMPARE 'CUT-SCORES'

School districts in Illinois set their "cut-scores" for local assessments independently. In fact, the state recommends using local factors in determining such cut-scores. As a result, one would not expect classifications of students into "meets" or other "performance levels" to be consistent from local to statewide programs. Nevertheless, it might prove worthwhile to make such comparisons when possible.

The results given on the back side of this page can be used to determine STS' cut-scores comparable to those used by the state program. Since the state requires a minimum SS of 156 to "meet the standard" for Math, the comparable STS percentile of 65 would be required for the same assessment. Since the state also gives the percentages of individuals within any given performance level, it is possible to use the equivalence tables to determine the percent for the local assessment within the same performance levels.

*Values in the .80's are approaching the levels obtained from many studies involving alternate forms of the same tests.

**ILL PSAE Scaled Scores to STS National Percentiles
Grade 10 ILSB to Grade 11 PSAE**

Read		Lang		Math				Science				Soc. Science			
PSAE		ILSB		PSAE		ILSB		PSAE		ILSB		PSAE		ILSB	
SS	NP	SS	NP	SS	NP	SS	NP	SS	NP	SS	NP	SS	NP	SS	NP
120	6	120	2	120	2	120	2	120	2	120	2	120	2	120	2
121	8	121	2	121	5	121	2	121	2	121	2	121	2	121	2
122	8	122	2	122	6	122	6	122	2	122	2	122	2	122	2
123	8	123	3	123	6	123	6	123	3	123	3	123	2	123	2
124	8	124	3	124	7	124	7	124	3	124	3	124	2	124	2
125	8	125	4	125	7	125	7	125	4	125	4	125	2	125	2
126	9	126	4	126	8	126	8	126	4	126	4	126	5	126	5
127	9	127	5	127	8	127	8	127	5	127	5	127	5	127	5
128	9	128	6	128	9	128	9	128	6	128	6	128	6	128	6
129	10	129	7	129	10	129	10	129	7	129	7	129	7	129	7
130	10	130	8	130	10	130	10	130	8	130	8	130	8	130	8
131	10	131	9	131	12	131	12	131	9	131	9	131	10	131	10
132	12	132	12	132	14	132	14	132	12	132	12	132	11	132	11
133	15	133	14	133	15	133	15	133	14	133	14	133	12	133	12
134	16	134	16	134	16	134	16	134	16	134	16	134	14	134	14
135	17	135	17	135	17	135	17	135	17	135	17	135	16	135	16
136	18	136	18	136	19	136	19	136	18	136	18	136	17	136	17
137	18	137	19	137	21	137	21	137	19	137	19	137	18	137	18
138	20	138	21	138	22	138	22	138	21	138	21	138	20	138	20
139	21	139	23	139	23	139	23	139	23	139	23	139	21	139	21
140	23	140	24	140	24	140	24	140	24	140	24	140	22	140	22
141	25	141	25	141	25	141	25	141	25	141	25	141	25	141	25
142	27	142	27	142	27	142	27	142	27	142	27	142	27	142	27
143	31	143	28	143	30	143	30	143	28	143	28	143	28	143	28
144	33	144	30	144	32	144	32	144	30	144	30	144	30	144	30
145	34	145	33	145	36	145	36	145	33	145	33	145	32	145	32
146	37	146	36	146	39	146	39	146	36	146	36	146	35	146	35
147	38	147	37	147	41	147	41	147	37	147	37	147	38	147	38
148	39	148	39	148	44	148	44	148	39	148	39	148	41	148	41
149	42	149	41	149	45	149	45	149	41	149	41	149	43	149	43
150	45	150	44	150	49	150	49	150	44	150	44	150	46	150	46
151	50	151	47	151	53	151	53	151	47	151	47	151	49	151	49
152	51	152	51	152	56	152	56	152	51	152	51	152	52	152	52
153	54	153	53	153	58	153	58	153	53	153	53	153	56	153	56
154	57	154	56	154	60	154	60	154	56	154	56	154	58	154	58
155	59	155	60	155	62	155	62	155	60	155	60	155	60	155	60
156	61	156	62	156	65	156	65	156	62	156	62	156	64	156	64
157	62	157	66	157	68	157	68	157	66	157	66	157	66	157	66
158	65	158	70	158	71	158	71	158	66	158	66	158	70	158	70
159	66	159	72	159	74	159	74	159	70	159	70	159	72	159	72
160	68	160	74	160	75	160	75	160	71	160	71	160	74	160	74
161	72	161	75	161	79	161	79	161	74	161	74	161	75	161	75
162	74	162	76	162	81	162	81	162	77	162	77	162	76	162	76
163	76	163	78	163	82	163	82	163	78	163	78	163	78	163	78
164	79	164	82	164	83	164	83	164	82	164	82	164	82	164	82
165	81	165	83	165	85	165	85	165	83	165	83	165	83	165	83
166	83	166	84	166	87	166	87	166	85	166	85	166	84	166	84
167	85	167	87	167	89	167	89	167	86	167	86	167	87	167	87
168	86	168	90	168	90	168	90	168	88	168	88	168	90	168	90
169	88	169	91	169	91	169	91	169	89	169	89	169	90	169	90
170	90	170	93	170	93	170	93	170	90	170	90	170	91	170	91
171	92	171	93	171	94	171	94	171	92	171	92	171	93	171	93
172	93	172	94	172	94	172	94	172	93	172	93	172	93	172	93
173	94	173	95	173	95	173	95	173	94	173	94	173	94	173	94
174	95	174	96	174	96	174	96	174	95	174	95	174	95	174	95
175	95	175	97	175	96	175	96	175	97	175	97	175	96	175	96
176	95	176	97	176	97	176	97	176	97	176	97	176	97	176	97
177	96	177	98	177	98	177	98	177	98	177	98	177	97	177	97
178	96	178	98	178	98	178	98	178	98	178	98	178	98	178	98
179	97	179	98	179	98	179	98	179	98	179	98	179	98	179	98
180	97	180	99	180	99	180	99	180	98	180	98	180	98	180	98
181	98	181	99	181	99	181	99	181	99	181	99	181	98	181	98
182	98	182	99	182	99	182	99	182	99	182	99	182	99	182	99
183	98	183	99	183	99	183	99	183	99	183	99	183	99	183	99
184	99	184	99	184	99	184	99	184	99	184	99	184	99	184	99
185	99	185	99	185	99	185	99	185	99	185	99	185	99	185	99
...	99	...	99	...	99	...	99	...	99	...	99	...	99	...	99
200	99	200	99	200	99	200	99	200	99	200	99	200	99	200	99

Academic Warning

Below Standards

Meets Standards

Exceeds Standards