Selected edTPA Data

PILOT STUDY RESULTS
SPRING '13

Explanation

Twenty-nine candidates participated in a national scoring pilot study during spring semester 2013. Results summaries are shown here. The complete study including a narrative and method section is available on request.

Table 1 shows hypothetical pass rates based on the national sample. A best guess is that 39 will be selected when Minnesota establishes cut scores during the summer of '14. The potential cut scores shown in this and related tables represent one SEM above (42) and below (37) the median value selected by the national panel (39)

Table 1. Pass rates by area (minus world languages).

Field	N	M	N Pass (42)	% Pass (42)	N Pass (39)	% Pass (39)	N Pass (37)	% Pass (37)
Elementary Literacy	5	30.2	0	----	1	20.0	1	20.0
Elementary Mathematics	11	40.9	4	36.4	9	81.2	10	90.9
Elementary	16	35.2	4	25.0	10	62.5	11	68.7
Early Childhood (CFS)	3	40.7	1	33.3	2	66.7	2	66.7
Secondary English Language Arts	2	37.0	0	----	1	50.0	1	50.0
Physical Education	2	38.5	0	----	1	50.0	1	50.0
Performing Arts	1	37.0	0	----	0	----	1	50.0
Social Studies	2	35.0	0	----	1	50.0	1	50.0
Science	1	40.0	0	----	1	100.0	1	100.0
Visual Arts	2	50.5	1	50.0	2	100.0	2	100.0
Secondary-K-12	10	39.9	1	10.0	6	60.0	8	80.0
ALL SCSU	29	38.5	7	24.1	19	65.5	21	72.4
National Sample	----	42.8	----	57.9	----	70.5	----	78.0

St. Cloud state's domains cores in spring 2013 matched the national rank order, but came in at lower values. These data are shown in Table 2.

Table 2. Scores by domain (all SCSU).

Area/Task	SCSU Sample Spring '13		National Sample Spring '13	
	Mean	SD	Mean	SD
Planning Instruction	13.57	3.29	15.06	3.15
Instructing	13.47	2.54	14.35	2.77
Assessing Instruction	11.37	3.21	13.36	3.39

INTERNAL SCORING
Fall '13

Explanation

These data relate to scores on the edTPA collected during Fall of 2013 and scored internally. Elementary, early childhood and special education utilized the internal (3 level) scoring rubric, while secondary and K-12 scorers (University Supervisors) employed an existing "unit " (4-level (0-3)scoring rubric. The instruments are available upon request. Also, the full report with narrative is available upon request.

Table 1. Score by individual rubric: ***All Elementary, special education, and early childhood participants***.

Rubric	Task	Explanation[1]	N	Mean	SD	Percent at Or Above 2
1	Planning	Planning: Planning for Subject-Specific Understandings	32	2.22	.71	84.4
2	Planning	Planning: Planning to Support Varied Student Learning Needs	32	2.09	.59	87.5
3	Planning	Analyzing Teaching: Using Knowledge of Students to Inform Teaching and Learning	32	2.00	.57	84.4
4	Planning	Academic Language: Identifying and Supporting Language Demands	31	2.16	.69	83.9
5	Planning	Planning: Planning Assessments to Monitor and Support Student Learning	31	1.87	.62	74.2
6	Instructing	Instruction: Learning Environment	31	2.10	.47	93.5
7	Instructing	Instruction: Engaging Students in Learning	30	2.20	.55	93.3
8	Instructing	Instruction: Deepening Student Learning	31	2.03	.55	87.1
9	Instructing	Instruction: Subject-Specific Pedagogy: Using Representations	31	2.06	.63	83.9
10	Instructing	Analyzing Teaching: Analyzing Teaching Effectiveness	30	1.90	.48	83.9
11	Assessing	Assessment: Analysis of Student Learning	29	2.10	.62	86.2
12	Assessing	Assessment: Providing Feedback to Guide Learning	30	1.87	.57	76.7
13	Assessing	Assessment: Student Use of Feedback	29	2.00	.65	79.3
14	Assessing	Academic Language: Analyzing Students' Language Use and Subject-Specific Learning	29	1.97	.57	82.8
15	Assessing	Analyzing Teaching: Using Assessment to Inform Instruction	30	1.97	.67	76.7
	TOTAL		---			

[1]The rubrics differ slightly by discipline; please check the *Handbooks*.

Table 2 shows domain scores by program. The full report, as noted above, is available upon request.

Table 2. Domain scores by program.

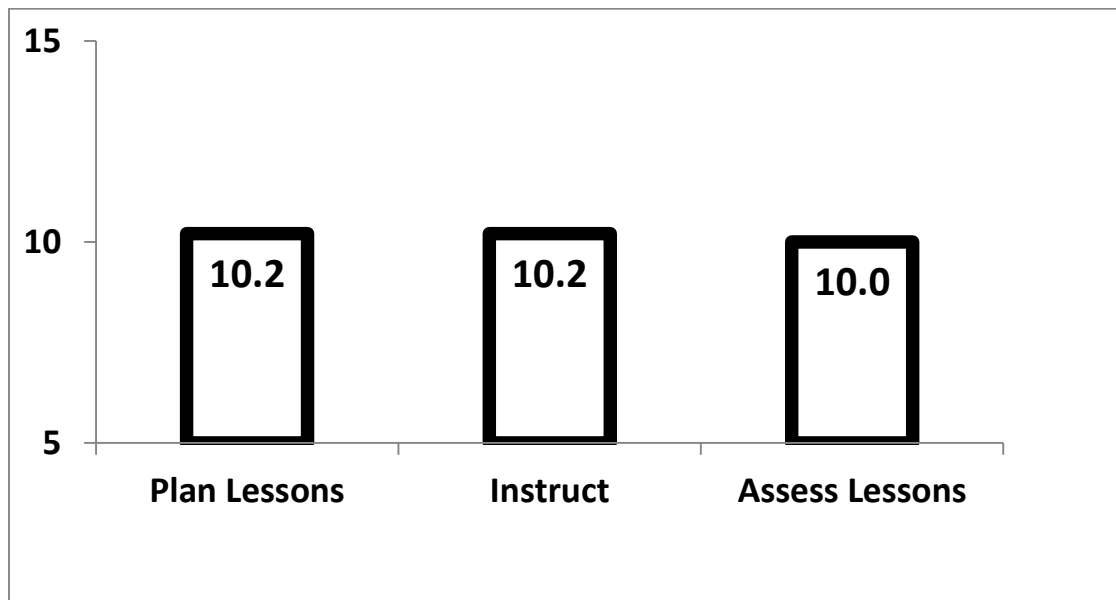| Domain	All Candidates N ~ 30		Early Childhood N~ 6		Elementary Literacy N~ 8		Elementary Mathematics N = 9		Special Education N ~ 8	
	Mean	**SD**	**Mean**	**SD**	**Mean**	**SD**	**Mean**	**SD**	**Mean**	**SD**
TOTAL (of 45)	30.7	6.5	38.4	4.4	30.4	1.5	31.1	5.6	22.6	5.3
Ability to Plan Instruction (of 15)	10.2	2.5	13.4	1.9	10.6	1.2	10.4	1.5	7.5	1.8
Ability to Instruct/ Deepening Student Learning (of 15)	10.2	2.1	12.2	1.9	10.0	.0	10.8	2.4	8.4	1.8
Ability to Assess Instruction (of 15)	10.0	2.6	13.2	1.7	9.8	.5	9.9	2.3	6.8	1.9

Figure 1. Domain scores

Table 3.A. Score by Rubric and Program (secondary and K-12, Part 1).

	N	TOTAL Score (0-18)		Unit Rationale (0-3)		Unit Objectives (0-3)		Assessment (0-3)	
	N	**M**	**SD**	**M**	**SD**	**M**	**SD**	**M**	**SD**
All Students	38	15.53	2.11	2.77	.424	2.65	.48	2.44	.50
Social Studies	18	14.88	2.33	2.69	.48	2.50	.52	2.31	.48
Science	3	15.67	2.08	2.67	.58	2.33	.58	3.00	.00
Physical Education	4	15.67	2.52	2.67	.58	3.00	.00	2.33	.58
Communication/ Arts/ Literature	8	15.86	2.19	2.88	.35	2.75	.46	2.50	.53
Teachers of English as a Second Language	6	15.67	2.52	2.67	.52	2.83	.41	2.17	.41
Mathematics Education	3	16.67	1.53	3.00	.00	2.67	.58	3.00	.00
World language	3	17.0	----	3.00	.00	2.50	.71	3.00	.00
Visual arts	2	16.50	.71	3.00	.00	3.00	.00	2.00	.00

Table 3.B. Score by Rubric and Program (secondary and K-12, Part 2).

	N	Lesson Plans (0-3)		Resources and References (0-3)		Unit Assessment (0-3)	
	N	**M**	**SD**	**M**	**SD**	**M**	**SD**
All Students	38	2.57	.545	2.58	.545	2.58	.54
Social Studies	18	2.50	.63	2.38	.50	2.50	.63
Science	3	2.33	.58	2.33	.58	3.00	.00
Physical Education	4	2.67	.58	2.33	.58	2.67	.58
Communication/ Arts/ Literature	8	2.62	.52	2.57	.53	2.75	.46
Teachers of English as a Second Language	6	2.50	.55	2.67	.58	2.33	.52
Mathematics Education	3	2.67	.58	2.67	.58	2.67	.58
World language	3	2.67	.58	2.50	.71	2.50	.70
Visual arts	2	3.00	.00	3.00	.00	2.50	.71

Table 4. Number and proportion passing by program

	N Passing (Scores Greater than 9.5)	Percent Passing
All Students	37	97.4
Social Studies	15	93.8
Science	3	100.0
Physical Education	3	100.0
Communication/ Arts/ Literature	7	100.0
Teachers of English as a Second Language	3	100.0
Mathematics Education	3	100.0
World language	1	100.0
Visual arts	2	100.0

EXTERNAL RESULTS
SPRING '14

Explanation
The data for 82 candidates were available As of July 1, 2014. These data were pulled from the institutional Pearson site and analyzed. A full report is available upon request.

Table 1. Overall and domain scores (Spring, 2014).

Area	N	Domain 1: Ability to Plan Lessons (5-25)	Domain 2: Ability to Instruct (5-25)	Domain 3: Ability to Assess Student Performance (5-25)	Total Score (15-75)	State Average
All Candidates (minus World Lang. [different scale])	78	14.50	14.14	13.01	41.65	
Elementary Literacy	24[1]	12.62	13.65	12.18	38.36	41.6
Elementary Mathematics	22	15.34	15.52	13.36	44.07	44.0
Commun Arts & Lit	3	16.00	14.67	14.67	45.33	45.8
Social Studies	5	14.20	11.50	11.10	36.80	44.1
Mathematics	6	16.17	14.33	15.50	46.00	44.8
Science	5	16.00	15.50	14.50	43.10	44.7
Physical Education	5	16.70	16.50	14.60	47.80	41.6
Visual Arts	3	16.67	14.67	13.00	44.33	44.9
Music	2	14.75	15.25	14.25	44.25	Low N
	--	One fewer rubrics for WL (4-20)		One fewer rubrics for WL (4-20)	Two fewer rubrics for WL (13-65)	-----
World Languages	3	10.00	10.83	11.50	32.33	39.7

[1]Note that 25 candidates uploaded edTPAs by July 1, but one had limited data

The estimated pass rates based on a national study are provided in Table 2. The construction of this table is explained above in the discussion of the Spring 2013 pilot study.

Table 2. *Estimated* pass rates by area as of July 1 2014).

Field[1]	N	N Pass (42)	% Pass (42)	N Pass (39)	% Pass (39)	N Pass (37)	% Pass (37)
All SCSU	78	52	67	56	72	75	96
Elementary Literacy	25	12	48	13	52	15	60
Elementary Mathematics	22	17	77	18	82	19	86
Elementary	47	29	62	31	66	34	72
Secondary English Language Arts	3	2	67	2	67	2	67
Physical Education	5	5	100	5	100	5	100
Music	2	2	100	2	100	2	100
Social Studies	5	2	40	2	40	2	40
Science	5	3	60	4	80	5	80
Visual Arts	3	2	67	3	100	3	100
Secondary-K-12	23	16	70	18	78	19	83

[1]No early childhood majors during spring semester; special education scored internally; no estimated cut score for World Language

Domain scores compared with Minnesota averages are shown below in Table 3 and Figure1.

Table 2. Scores by domain (all SCSU).

Area/Task	Mean[1] SCSU (1-15)	Mean State (1-15)
Planning Instruction	14.5	15.2
Instructing	14.1	14.6
Assessing Instruction	13.7	13.7

[1]Variance estimates available upon request

Figure 2. EdTPA scores by institutional versus state data (July 1, 2014)