

Measure 3: Candidate Competency at Program Completion (3.3)

Section I. 2020-2021 Praxis II National & State Comparisons

Table headers marked with an asterisk (*) are taken by multiple majors. Data disaggregated by major at the institutional level can be found in Section II. Tests Taken by Multiple Majors

Early Childhood Education

5025: Early Childhood Education							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	5108	169.00	167.18	16.19	159-179	200	100
State	666	168.00	167.25	14.29	160-177	198	100
Institution	76	162.00	160.33	13.10	156 - 169	183	107

Elementary (K-6), Collaborative (Special Education) K-6, Elementary/Collaborative (Special Education) K-6

5903: Elementary Education Multiple Subjects: Mathematics*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1818	167.00	165.23	21.54	155-181	200	100
State	1624	168.00	165.63	21.18	157-180	200	100
Institution	222	166.00	164.30	18.58	157-177	200	104

Elementary (K-6), Collaborative (Special Education) K-6, Elementary/Collaborative (Special Education) K-6

5904: Elementary Education Multiple Subjects: Social Studies*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1851	160.00	159.90	15.78	151-170	200	103
State	1670	159.00	159.42	15.42	151-169	200	103
Institution	237	158.00	157.69	13.29	151-166	192	114

Elementary (K-6), Collaborative (Special Education) K-6, Elementary/Collaborative (Special Education) K-6

5905: Elementary Education Multiple Subjects: Science*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1880	165.00	163.29	16.51	156-174	200	100
State	1692	165.00	163.16	16.17	156-174	200	100
Institution	234	164.00	163.47	13.37	158-173	189	117

Elementary (K-6), Collaborative (Special Education) K-6, Elementary/Collaborative (Special Education) K-6

5205: Teaching Reading: Elementary*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	8481	165.00	165.07	12.27	159-173	199	100
State	1757	163.00	162.78	11.55	159-169	196	106
Institution	336	160.00	158.49	11.69	152-166	186	117

Collaborative (Special Education) K-6, Collaborative (Special Education) 6-12

5354: Special Education: Core Knowledge and Applications*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	6892	172.00	171.02	12.62	164-180	200	100
State	484	170.00	169.65	11.01	162-177	194	120
Institution	77	165.00	163.25	9.56	156-171	182	135

English/Language Arts (6-12)

5038: English Language Arts: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	6363	178.00	176.19	12.88	169-186	200	100

State	336	174.00	173.43	12.12	167-181	200	116
Institution	15	174.00	173.67	11.36	170-180	198	145

Social Studies (6-12)

5081: Social Studies: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	5369	165.00	165.83	15.28	156-176	200	115
State	329	159.00	159.08	14.24	150-168	200	115
Institution	14	158.50	159.00	12.27	155-160	197	139

History (6-12)

5941: World & US History: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1310	160.00	158.82	16.79	148-170	200	104
State	142	151.00	152.18	18.07	142-162	198	104
Institution	11	147.00	151.09	24.47	127-184	191	122

Mathematics (6-12)

5161: Mathematics: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	6129	154.00	152.49	21.66	137-167	200	100
State	274	145.00	144.40	20.87	128-160	200	100
Institution	22	143.00	144.91	19.01	128-163	180	112

Biology (6-12)

5235: Biology: Content Knowledge							
----------------------------------	--	--	--	--	--	--	--

Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	2949	162.00	161.60	15.20	152-172	200	109
State	105	153.00	152.74	17.69	141-165	192	113
Institution	2	*	*	*	*	*	*

Chemistry (6-12)

5245: Chemistry: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1142	158.00	157.71	18.91	145-171	200	100
State	12	151.00	148.50	13.16	139-158	171	122
Institution	0	*	*	*	*	*	*

Physical Education (P-12), Health Education (6-12)

5091: Physical Education: Content Knowledge*							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1880	154.00	153.61	8.03	149-159	176	112
State	346	151.00	150.02	8.48	146-155	175	119
Institution	26	151.00	148.85	8.19	147-154	161	121

Health Education (6-12)

5551: Health Education							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1010	166.00	164.71	12.70	156-174	196	122
State	77	155.00	156.08	12.65	149-166	186	122
Institution	19	150.00	149.26	10.48	139-157	171	127

Art (P-12)

5134: Art: Content Knowledge							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	1673	163.00	162.44	13.64	156-171	200	109
State	56	161.50	159.63	14.22	153-168	182	122
Institution	7	164.00	161.00	5.71	154-166	167	151

Technical Education: Secondary Instructor

5624: Principles of Learning & Teaching: Grades 7-12							
Variables	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
National	10284	175.00	174.00	12.04	167-183	200	100
State	67	169.00	168.46	16.16	163-178	198	100
Institution	8	173.00	169.88	11.26	162-178	185	149

Section II. Tests Taken by Multiple Majors

Major	Code
Elementary Education (K-6)	ELE
Elementary/Collaborative Special Education (K-6)	ECK6
Collaborative Special Education (K-6)	SEK
Collaborative Special Education (6-12)	SE6
Early Childhood Education (P-3)	ECE
Physical Education (P-12)	PED
Health (6-12) & Physical Education (P-12)	HPED

5903: Elementary Education Multiple Subjects: Mathematics

5903: Elementary Education Multiple Subjects: Mathematics							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
ELE	174	167.5	165.64	17.69	158-177	200	113
ECK6	35	164	162.63	17.04	158-172	188	108
SEK	9	159	153.67	24.03	135-172	184	104
SE6+	4	*	*	*	*	*	*

*No data reported for fewer than 5 test-takers

†Collaborative Special Education 6-12 candidates (SE6) are not required to take this exam. Some candidates do take the exam for different reasons (e.g. they are considering changing to a different major and take the Praxis to determine feasibility)

5904: Elementary Education Multiple Subjects: Social Studies

5904: Elementary Education Multiple Subjects: Social Studies							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
ELE	181	158	157.76	12.77	152-165	189	114
ECK6	41	163	163.07	11.23	157-172	192	135
SEK	10	146	149.20	13.41	140-164	170	131

SE6†	5	160	152.60	18.25	160-164	167	117
------	---	-----	--------	-------	---------	-----	-----

†Collaborative Special Education 6-12 candidates (SE6) are not required to take this exam. Some candidates do take the exam for different reasons (e.g. they are considering changing to a different major and take the Praxis to determine feasibility)

5905: Elementary Education Multiple Subjects: Science

5905: Elementary Education Multiple Subjects: Science							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
ELE	174	164	162.66	13.53	157-171	189	117
ECK6	44	165.5	167.30	11.13	162-177	187	127
SEK	12	162	159.83	14.25	154-167	179	134
SE6†	4	*	*	*	*	*	*

*No data reported for fewer than 5 test-takers

†Collaborative Special Education 6-12 candidates (SE6) are not required to take this exam. Some candidates do take the exam for different reasons (e.g. they are considering changing to a different major and take the Praxis to determine feasibility)

5205: Teaching Reading: Elementary

5205: Teaching Reading: Elementary							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
ELE	191	162	159.99	10.79	155-168	181	121
ECE	82	159	154.83	12.04	149-163	174	117
ECK6	49	163	160.92	12.15	156-168	186	128
SEK	11	160	156.27	14.35	147-165	181	128
SE6†	3	*	*	*	*	*	*

*No data reported for fewer than 5 test-takers

†Collaborative Special Education 6-12 candidates (SE6) are not required to take this exam. Some candidates do take the exam for different reasons (e.g. they are considering changing to a different major and take the Praxis to determine feasibility)

5354: Special Education: Core Knowledge and Applications

5354: Special Education: Core Knowledge and Applications							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
ECK6	44	165	164.07	9.23	159-171	182	135
SE6	26	165	163.38	9.01	155-171	180	149
SEK	7	165	162.29	7.32	162-168	171	150

5091: Physical Education: Content Knowledge

5091: Physical Education: Content Knowledge							
Major	Number Of Test Takers	Median	Mean	Standard Deviation	Average Performance Range	Highest Observed Score	Lowest Observed Score
PED	11	151	149.5	6.93	148-154	161	135
HPED	15	151	148.47	9.19	147-153	159	121