

Praxis Subject Test Data

University of Montana Western

Education Division

Percentage of Total Volume of Test Takers, by Grade Level

For the academic year 2023-24, the following percentages were recorded on the ETS Data Manager Dashboard page as of 1/1/2025.

Elementary	All Grades (PEH, Music, Art)	School Services (SPED and Library)	Secondary	Early Childhood
32%	25%	12%	23%	8%

For test-taker-groups where N < 5 test takers, pass rates are not reported on the Dashboard and are shown with *.

Overview: Four Years of Praxis Subject Test Data

AY 2020-21 to AY 2023-24

Note: For the exam types listed below, at the top of each table, the passing score range is given first, which earns a teacher candidate 3 points on the MACK (Montana Assessment of Content Knowledge) Verification system. The next score range listed is considered “acceptable,” which earns a candidate 2 points on the MACK. The third score range is one which earns the candidate only 1 point on the MACK, and is carefully examined by the Licensure Director, to decide whether or not the candidate can be recommended for licensure. (Other elements of the MACK—the candidate’s GPA and the Content Knowledge Evaluation Form, scored by the mentor teacher—are taken into consideration.) The final score range shown for each table is considered unacceptable, and receives 0 points on the MACK.

Elementary Education: Content Knowledge—163 – 200; 147 – 162; 130 – 146; <130

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	377	64	340	59	168	163	230	33	68	56
2021-22	303	73	272	66	164	151	169	23	62	35
2022-23	239	68	214	63	163	151	125	26	58	41
2023-24	152	33	145	30	163	151	85	13	59	43

Early Childhood Education—156 – 200; 140 – 155; 125 – 129; < 125

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	53	28	50	26	172	169	42	21	84	81
2021-22	28	16	26	15	172	170	22	11	85	73
2022-23	33	18	30	18	174	173	28	16	93	89
2023-24	16	9	16	9	169	163	14	8	88	89

English Language Arts: Content Knowledge—167 – 200; 150 – 166; 134 – 149; <134

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	64	6	57	6	181	171	52	4	91	67
2021-22	38	6	37	6	180	177	32	5	86	83
2022-23	40	8	37	7	176	167	31	4	84	57
2023-24	30	9	29	8	179	171	26	6	90	75

General Social Studies: Content Knowledge—155 – 200; 140 – 154; 124 – 139; <124

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	39	7	37	6	172	161	33	5	92	83
2021-22	45	5	36	5	167	178	29	5	81	100
2022-23	25	4	20	4	167	*	17	*	85	*
2023-24	19	3	19	3	171	*	16	*	84	*

World & U.S. History: Content Knowledge—146 – 200; 131 – 145; 117 – 130; <117

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	19	4	19	4	161	*	17	*	89	*
2021-22	23	5	22	5	160	153	18	3	82	60
2022-23	22	8	19	5	160	154	15	3	79	60
2023-24	11	4	10	3	151	*	6	*	60	*

Health and Physical Education: Content Knowledge—155 – 200; 140 – 154; 124 – 139; <124

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	31	11	30	11	166	162	26	8	87	73
2021-22	32	15	32	15	167	163	29	12	91	80
2022-23	29	8	29	8	162	164	23	7	79	88
2023-24	29	14	28	14	165	167	22	12	79	86

Business Education: Content Knowledge—154 – 200; 139 – 153; 123 – 138; <123

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	13	11	13	11	180	180	13	11	100	100
2021-22	4	4	4	4	*	*	*	*	*	*
2022-23	8	7	8	7	165	164	8	7	100	100
2023-24	5	5	5	5	163	163	3	3	60	60

Biology: Content Knowledge—151 – 200; 136 – 150; 121 – 135; <121

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	5	3	5	3	166	*	5	*	100	*
2021-22	11	3	11	3	175	*	9	*	82	*
2022-23	2	1	2	1	*	*	*	*	*	*
2023-24	0	0	0	0	-	-	0	0	0	0

Earth and Space Sciences: Content Knowledge—151 – 200; 136 – 150; 121 – 135; <121

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	3	2	2	1	*	*	*	*	8	8
2021-22	5	2	5	2	161	*	4	*	80	8
2022-23	1	0	1	0	*	0	*	0	*	0
2023-24	0	0	0	0	-	-	0	0	0	0

5435-General Science: Content Knowledge—152 – 200; 147 – 151; 122 – 136; <122

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	34	1	32	1	172	*	30	*	94	*
2021-22	31	1	28	1	175	*	26	*	93	*
2022-23	20	2	20	2	173	*	18	*	90	*

5436-General Science: Content Knowledge—141 – 200;

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2023-24	14	0	13	0	170	*	11	*	85	*

5161-Mathematics: Content Knowledge—160 – 200; 144 – 159; 128 – 143; <128

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	40	3	33	3	154	*	12	*	27	*
2021-22	42	7	31	7	154	152	13	2	42	29

5165-Mathematics: Content Knowledge—159 – 200; 144 – 159; 128 – 143; <128

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2022-23	27	5	26	5	169	157	20	2	77	40
2023-24	27	3	22	3	174	*	18	*	82	*

Art: Content Knowledge—158 – 200; 142 – 157; 126 – 141; <126

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	22	4	22	4	167	*	18	*	82	*
2021-22	28	6	28	6	162	150	19	3	68	50
2022-23	15	4	12	3	159	*	7	*	58	*
2023-24	10	5	9	4	161	*	5	*	56	*

Music: Content Knowledge—152 – 200; 137 – 151; 122 – 136; <122

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	34	2	32	2	171	*	31	*	97	*
2021-22	18	1	18	1	170	*	17	*	94	*
2022-23	21	1	18	1	169	*	17	*	94	*
2023-24	8	1	8	1	162	*	6	*	75	*

*Theatre—148 – 200; 133 – 147; 118 – 132; <118

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	2	1	2	1	*	*	*	*	*	*
2021-22	1	1	1	1	*	*	*	*	*	*
2022-23	5	2	5	2	162	*	5	*	100	*
2023-24	1	1	1	1	*	*	*	*	*	*

Teaching Reading—159 -200; 143 – 158; 127 – 142; <127

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	0		0		-					
2021-22	17		16		164		14		88	
2022-23	16		16		170		13		81	
2023-24	5		5		164		5		100	

5354-Special Education: Core Knowledge and Applications—159 – 200; 143 – 158; 127 – 142; <127

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	56	14	54	14	176	175	51	14	94	100
2021-22	54	21	54	21	172	173	47	17	87	81
2022-23	39	10	38	9	175	171	35	7	92	78
2023-24	31	12	30	12	175	167	29	11	97	92

Library Media Specialist—150 – 200; 135 – 149; 120 – 134; <120

Year	# Exams		Individuals		Mean Score		# Passing		% Passing	
	State	UMW	State	UMW	State	UMW	State	UMW	State	UMW
2020-21	43	6	42	5	167	163	40	4	95	80
2021-22	39	4	37	4	163	*	35	*	95	*
2022-23	24	8	23	8	164	167	22	8	96	100
2023-24	0	0	0	0	-	-	0	0	0	0