

Pearson Exams Analysis: Completers 2018-2021

Licensure Test Scores and Pass Rates (Pearson)

Description:

To be licensed in the state of Indiana, a program completer must take and pass state-mandated content and pedagogy exams for their licensure area. Exams were administered through Pearson Assessment until September 1, 2021. Exam scores are reported annually, comparing the EPP with the state of Indiana on: average test scores, number of candidates taking each exam, and the passing rate.

		State Average	Marian University	N	Pass Rate	State Average	Marian University	N	Pass Rate	State Average	Marian University
Average Scaled/Standard Score of Program Completers' Indiana CORE Assessments (Pearson): Content and Pedagogical Knowledge		Scale Score 2020-2021		2020-2021		Scale Score 2019-2020		2019-2020		Scale Score 2018-2019	
Test Number	Test Name (code)										
Average Scaled/Standard Score of Program Completers': Core Academic Skills Assessment (CASA)											
001	CASA Reading	242	247			241	246			239	241
002	CASA Math	233	232			234	230			232	231
003	CASA Writing	230	233			230	235			230	236
Average Scaled/Standard Score of Program Completers: Pedagogy/Developmental (Pearson)											
004	Early Childhood Education	230				230				230	
005	Elementary Education	243	243	31	90.32%	243	243	31	90.32%	243	243
006	Secondary Education	253	259	34	94.12%	253	259	34	94.12%	253	259
007	P-12 Education	249	258	27	96.30%	249	258	27	96.30%	249	258
Average Scaled/Standard Score of Program Completers': Content (Pearson) Assessments											
008	Business	218	<10	1	100%	209				221	
019	English Learners	238	<10	7	85.71%	236	<10	9	66.67%	233	
021	English Language Arts	226	217	16	75.00%	224	218	11	63.64%	219	218
025	Exceptional Needs—Mild Intervention	242	239	25	84.00%	244	246	33	84.85%	240	239
026	Fine Arts—General Music	231	<10	2	100%	225	<10	3	66.67%	229	
027	Fine Arts—Instrumental Music	216	<10	2	100%	217	<10	4	50.00%	217	
034	Middle School Mathematics	225	<10	5	60.00%	225	<10	7	57.14%	228	
035	Mathematics	221	193	10	70.00%	220	<10	8	62.50%	219	
036	Middle School Science	204	<10	1	100%	207	<10	3	33.33%	210	
043	Science—Chemistry	237	<10	5	80.00%	236	<10	2	50.00%	236	
045	Science—Life Science	227	<10	5	40.00%	221	<10	5	20.00%	226	216
050	Social Studies—Government and Citizenship	237	<10	2	50.00%	232	<10	3	66.67%	240	
051	Social Studies—Historical Perspectives	212	<10	5	60.00%	211	<10	4	25.00%	214	
052	Social Studies—Psychology	225				221	<10	1	100%	232	
059	World Languages—Spanish	244	<10	2	100%	243	239	5	80.00%	249	
060	Elementary Education Gen. Subtest 1: Reading and English Language Arts	223	229	47	70.23%	222	227	31	70.97%	223	230
061	Elementary Education Gen. Subtest 2: Mathematics	235	234	46	67.39%	231	233	29	65.52%	235	225
062	Elementary Education Gen. Subtest 3: Science, Health, and Physical Education	235	235	42	83.33%	234	239	32	71.88%	235	236
063	Elementary Education Gen. Subtest 4: Social Studies and Fine Arts	219	225	45	69.57%	219	226	39	66.67%	219	225
064	Exceptional Needs—Mild Intervention: Reading Instruction	211	213	24	66.67%	208	207	34	55.88%	200	188
066	Health	242	<10	2	50.00%	229	<10	4	25.00%	236	
067	Physical Education	237	<10	3	66.67%	237	<10	4	66.67%	233	

*Program Completers as identified in Title II Report(s) (*Academic year is defined as September 1 - August 31.)
 Calculations are made for Average Scores, Average Before Passing, and Percent Pass on First Attempt as follows:
 Average Scores = Total scores for all attempts by Program Completers DIVIDED BY Total Number of Attempts
 Average Before Passing = Number of all passing attempts DIVIDED BY Number of attempts
 Average Percentage Who Pass on First Attempt = Number of Completers (Number Test takers) that passed the test on the initial attempt
 DIVIDED BY Number of Completers (Number Test takers)

*PRAXIS I or CASA not required if candidate meets one of the following alternatives: a.) ACT with a score of at least 24 based on Math, Reading, Grammar, and Science; b.) SAT with a score of at least 1100 based on Critical Reading and Math; c.) GRE with a score of at least 1100 based on Verbal and Quantitative prior to 8/1/11; d.) GRE with a score of at least 301 based on Verbal and Quantitative on or after 8/1/11; e.) Praxis I composite score of at least 527 based on Reading, Writing, and Math if taken prior to 9/1/13; or f.) Master's or higher degree earned from a regionally accredited institution.

Analysis:

- Marian completers had higher passing rates in 2020-2021 than the previous cycle on Test 005: Elementary Pedagogy and Test 007: P-12 Pedagogy.
- Marian completers had lower passing rates on Test 006: Secondary Pedagogy in 2020-2021.
- Marian completer passing rates increased on 17 content tests and were steady on another in 2020-2021 compared to the previous cycle.

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- Marian completer rates decreased on three content areas, including: Test 025: Exceptional Needs-Mild Intervention, Test 050: Social Studies-Government and Citizenship, and Test 060: Elementary Education General Subtest 1-Reading and English Language Arts.

Interpretation:

Although passing rates declined on Test 006: Secondary Pedagogy and Test 060: Elementary Education General Subtest 1-Reading and English Language Arts, the EPP's average score exceeded the state average score. These findings indicate that the EPP's completers are better prepared on average, but that a gap exists in the test preparation of all completers.

Action:

In 2021-2022, EPP faculty started hosting study sessions to help candidates review and prepare for licensure exams, specifically for elementary content exams, pedagogy exams, and mathematics. These strategies will be monitored for their effectiveness.