



Peer Specialist Initiative

DATA BRIEF #1: Integrated Exam Score and Pass Rate

Overview

This data brief reviews the results from the five exams administered for the integrated certified peer specialist pilot from September 2017 through September 2018. Data from the four reentry peer specialists working in partnership with the Wisconsin Department of Corrections are excluded from this data brief.

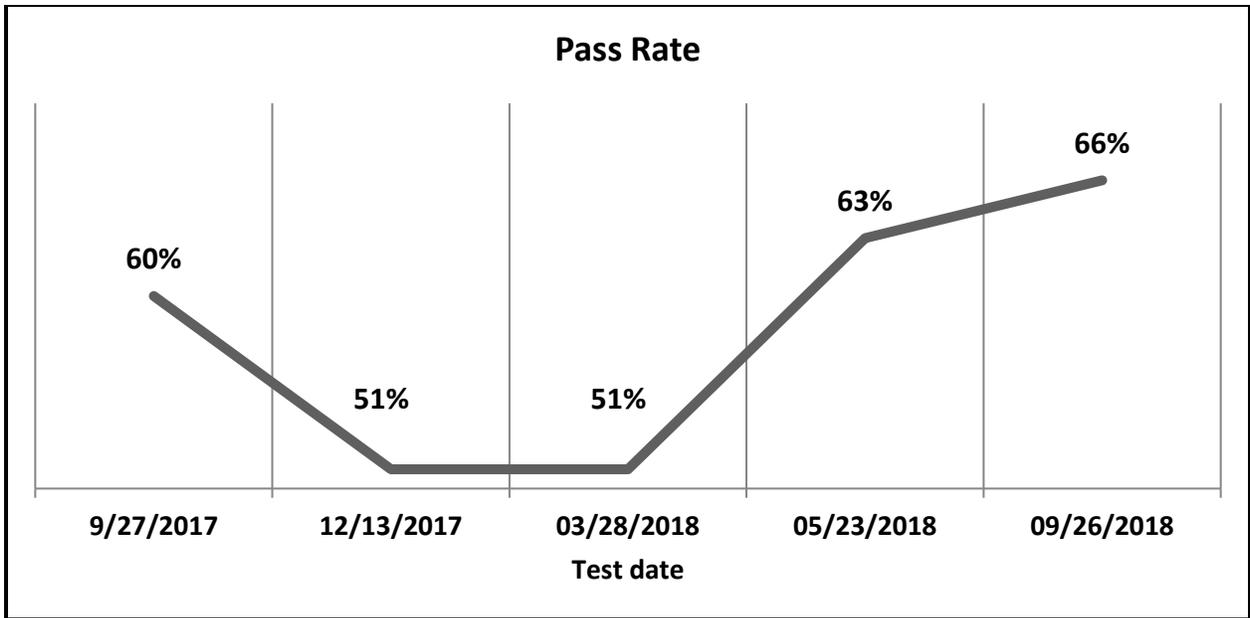
416	406
Number who trained and registered for the exam	Number who sat for the exam at least once.

Statewide pass rate and exam score

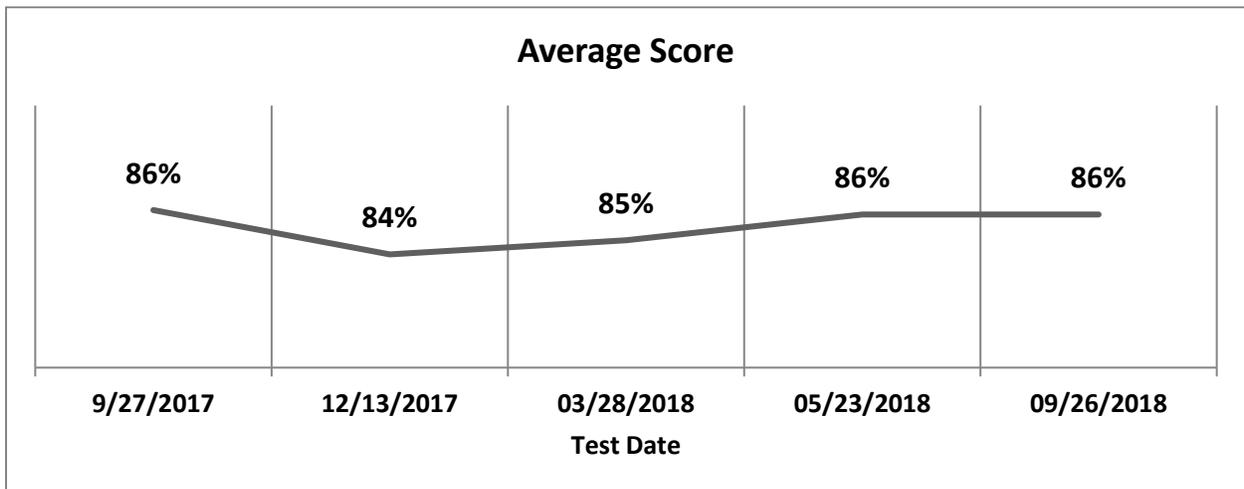
The pass rate is the percent of exams passed out of all of the exams taken. The passing score for the exam is 85%. The average score for all tests taken was 86% and the median was 87%.

393 out of 406	Percentage who passed: 63%
	Average score: 86%
Number who only took the exam once.	

- 282 (61%) out of all 461 exams taken were passed.
- 282 (69%) out of all 406 individuals who took the exam eventually achieved a passing score.
- 124 (31%) who took the exam (once or retaken) never passed.
- 179 (39%) of all exams taken (once or retaken) were failed



Exam date	Count exams		
	Passed	Failed	Total
09/27/2017	27	18	45
12/13/2017	22	21	43
03/28/2018	33	32	65
05/23/2018	85	49	134
09/26/2018	115	59	174
Total	282	179	461



Retaken exams

<h1>60 out of 406</h1> <p>Number who retook the exam at least once.</p>	Percentage who retook the exam once: 12%
	Percentage who retook the exam twice: 2%
	Percentage who retook the exam three times: 1%

The percentage of retaken exams that resulted in passing score was 53%. The average score on retaken exams was 83%.

Pass rate and exam score by course

There were 32 courses offered during this time period. Twenty-three of these trainings had at least 10 students.

There was some variation in average score and pass rate by course. Below are the five courses which differed most from the average score and pass rate and had at least 10 students.

CPS Exam Average Score and Pass Rate by Course

Course number (coded)	Count Exams (Approx.)	Average Score (%)	Pass Rate (%) ¹
Course A	24	81	38
Course B	18	89	78
Course C	23	82	43
Course D	10	91	100
Course E	12	81	33
Statewide Average (Weighted)	-	86	62

Dark Grey	= An outlier that is substantially below the statewide average score and pass rate ²
Light Grey	= An outlier that is substantially above the statewide average score and pass rate ²

¹ There may be multiple exams contributing to the pass rate for an individual due to retakes. For example, if a person fails their first exam and then retakes and passes their second exam they will contribute a pass rate of 50% (1/2=.5).

² "Substantially" refers to a group's scores falling one standard deviation from the average scores and/or rates. Standard deviation is a measure of the difference between a group's scores and the average scores. A majority of scores will be within one standard deviation, which means that they are similar to the average score. Scores which are outside one standard deviation can be considered outliers and substantially different from the average.

Pass rate and exam score by county of exam taker

Exam takers came from 59 counties across Wisconsin. There were only 12 counties with 10 or more exam takers. Out of these, Dunn County was the only county that differed most from the average score and pass rate. The performance of their 12 participants exceeded other counties with an average score of 92% and a pass rate of 92%. Some other counties with 10 or more exam takers only had pass rates that differed most from the average. These counties performed higher and included Bayfield, with 12 exam takers and a pass rate of 75% and Kenosha, with 11 exam takers and a pass rate of 73%.

Pass rate and exam score by exam center³

Exam Center	Count (Approx.)	Average Score (%)	Pass Rate (%) ³
Access to Independence	108	85	64
Center for Independent Living Western WI	29	90	79
DOC paper mail to location	2	97	50
Independence First	127	85	56
Independent Living Resources	41	86	52
Midstate Independent Living Center	17	82	59
North Country Independent Living	52	86	67
Options for Independent Living	54	85	59
Society's Assets	29	84	62
Statewide Average (Weighted)	-	86	61

Dark Grey

= An outlier that is substantially below the statewide average score or pass rate²

Light Grey

= An outlier that is substantially above the statewide average score or pass rate²

³ Exam center is not necessarily related to training location and provider.

Pass rate by age group ⁴

Age Range (years)	Count (Approx.)	Average Score (%)	Pass Rate (%)
18-26	35	85	63
27-36	123	86	61
37-46	109	87	71
47-56	123	84	52
57+	70	85	63
Statewide Average (Weighted)	-	86	61

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Pass rate and exam score by scope of practice

- 14% of all exam takers had a substance use disorder scope of practice.
- 58% of all exam takers had both a substance use disorder and mental health scope of practice.

Scope of Practice	Count (Approx.)	Average Score (%)	Pass Rate (%) ³
Mental Health	128	87	69
Mental Health/Substance Use Disorder	264	86	61
Substance Use Disorder	66	83	48
Statewide Average (Weighted)	-	85	61

Dark Grey	= An outlier that is substantially below the statewide average score and pass rate ²
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⁴ Variation in pass rate across age groups does not appear to be related to county, program type, scope of practice, or course number.