

Primary Care Residency (PCR) Scoring and Evaluation

Department of Health Care Access and Information

July 2023

Objectives

The Song-Brown PCR program evaluates applications based on several criteria. This Scoring and Evaluation guide provides detail on the scoring methodology for **four** of the most questioned criteria*:

Evaluation criteria scored on **severity of unmet need**:

- I.1 Clinical training sites in areas of unmet need.
- I.3 Graduates in areas of unmet need.

Evaluation criteria scored in **two parts and with a bell curve**:

- I.2 Percent and number of graduates underrepresented in medicine.
- II.2 Percent and number of graduates in primary care ambulatory settings five years' post residency.

*Please refer to Attachments A and B in the PCR Grant Guide for Scoring Criteria explanation.

Defining Severity of Unmet Need

- Each training site and graduate placement receives a severity value depending on its location or facility type.
- The highest value receives a score when a site or graduate has more than one value [e.g., is in a Health Professional Shortage Area (HPSA) and a Primary Care Shortage Area (PCSA)].

Severity	HPSA Scores (1-25)	PCSA Scores (5-10)	Site Designation
0	No	No	No
1	1 - 5	5	--
2	6 - 9	6	--
3	10 - 13	7	Yes
4	14 - 17	8	--
5	18+	9+	--

HPSA and PCSA Scores Website

Address Coordinates 14500 Olympic Dr, Clearlake, CA 95422 Go

14500 OLYMPIC DR, CLEARLAKE, CA 95422
Map | 38.962472,-122.6394904 | Accuracy: ROOFTOP

MSSA ID	MSSA Definition	Census Tract	Census Key	County	MUA	MUP	PCSA	RNSA
71.1	Rural	7.01	06033000701	Lake	No	No	Yes (6)	Yes (High)

HPSA Primary Care		HPSA Mental Health		HPSA Dental Health	
HPSA Source Id	1063761828	HPSA Source Id	7065297125	HPSA Source Id	6068920450
Designated	Yes	Designated	Yes	Designated	Yes
Designated on	3/14/2017	Designated on	12/3/2015	Designated on	8/28/2020
Formal Ratio	3902:1	Formal Ratio		Formal Ratio	36312:1
Population Below Poverty (%)	34.9	Population Below Poverty (%)	24.3	Population Below Poverty (%)	29.9
Designation Population	22397.0	Designation Population	31800.0	Designation Population	16569.0
Estimated Underserved Population	5177	Estimated Underserved Population	31800	Estimated Underserved Population	14744
Estimated Served Population	17220	Estimated Served Population	0	Estimated Served Population	1825
Priority Score	12	Priority Score	20	Priority Score	20

Find HPSA and PCSA scores on the HCAI geo web page at <https://geo.hcai.ca.gov/hpsa-search>

Training Sites Severity Index

- An applicant's **training site severity index** is the weighted average (by hours) of the severity of its training sites in areas of unmet need.

Training Site Index Example:

Severity Level	0	1	2	3	4	5	Total
Total Resident Hours			800	200			1,000

$$\begin{array}{r} \text{Calculation:} \\ (800 \times 2) + (200 \times 3) \\ \hline 1000 \\ \text{Severity:} \\ = 2.2 \end{array}$$

Training Sites Scoring Rubric

- A program's **training site severity index** corresponds with a score.
- Example: Program X's training site severity index is 2.2 which resulted in a score of 12 :

Training Site Severity Index	Score
0	0
1	10
2	12
3	14
4	18
5	20

Graduates Severity Index

- An applicant's **graduate severity index** is the weighted average (by number of graduates) of the severity of its graduates in areas of unmet need.

Severity Level	0	1	2	3	4	5	Total
Total Graduates		7	3				10

$$\begin{array}{r} \text{Calculation:} \\ (7 \times 1) + (3 \times 2) \\ \hline 10 \end{array} \qquad \text{Severity:} \\ = 1.3$$

Graduates Scoring Rubric

- A program's **graduate severity index** corresponds with a score.
- Example: Program X's graduate severity index is 1.3 which resulted in a score of 10:

Graduate Severity Index	Score
0 - 0.49	0
0.50 - 0.99	8
1.00 - 1.49	10
1.50 - 1.99	12
2.00 - 2.99	16
3+	20

Evaluation Criteria scored on Percent and Number

The following evaluation criteria are scored in two parts and with a bell curve:

- I.2 Percent and number of graduates underrepresented in medicine.
- II.2 Percent and number of graduates in primary care ambulatory settings five years' post residency.

Scoring of these criteria consists of two parts:

- Part 1: **Percent** (*Ex: Percent of graduates underrepresented in medicine*)
 - *Predetermined point system.*
- Part 2: **Number** (*Ex: Number of graduates underrepresented in medicine*)
 - *Scored on a bell curve.*

Application Evaluation Criteria: Scoring Methodology Part 1: Percent

- Scoring Methodology Part 1: Predetermined point system.
 - The range of percentages the program falls within determines points for Percentage.

Sections I.2

Percentage	Points
<1%	0
1-16 %	2
17-33%	4
34-50.99%	6
51-67.99%	8
68-84.99%	10
85-100%	12

Section II.2

Percentage	Points
<1%	0
1-16.99 %	1.5
17-33.99%	3
34-50.99%	4.5
51-67.99%	6
68-84.99%	7.5
85-100%	9

Application Evaluation Criteria: Scoring Methodology Part 1: Percent

Program X Example:

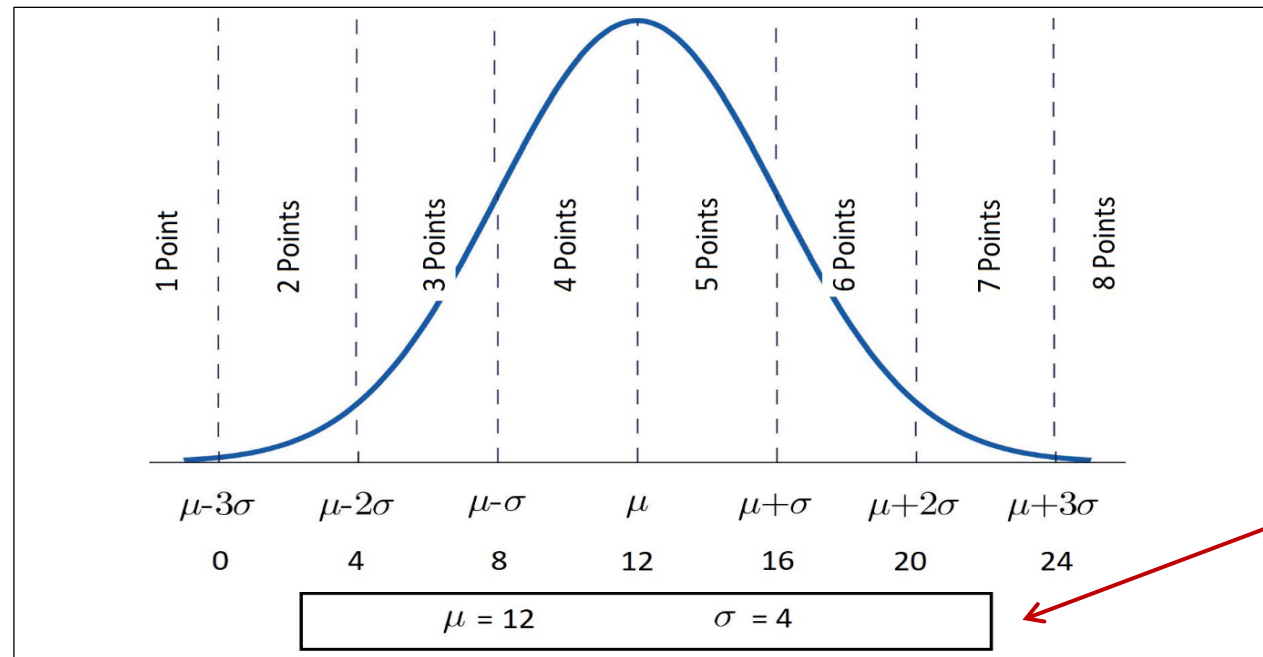
- The program has 58 percent of graduates underrepresented in medicine.
- The percentage methodology shows that the program will receive 8 points.

Section I.2

Percentage	Points
<1%	0
1-16 %	2
17-33%	4
34-50.99%	6
51-67.99%	8
68-84.99%	10
85-100%	12

Application Evaluation Criteria: Scoring Methodology Part 2: Number

- The program's placement in a normal distribution determines the points.
- *Example:* Program X has 15 graduates underrepresented in medicine. According to the curve, the program will receive five points.



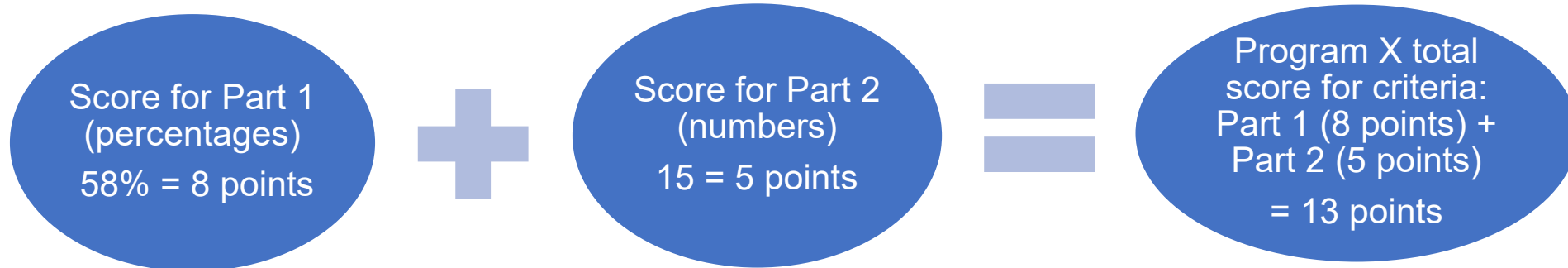
This bell curve is an example. Numbers change each cycle depending on the applicant pool

μ = Mean σ = Standard Deviation

Application Evaluation Criteria: Scoring Methodology Total Score:

- Scoring Methodology Total Score: Combined Scores of Part 1 and Part 2.
 - Combine the individual Part 1 and Part 2 scores to determine the applicant's total score.
 - For example, Program X received 8 points for Part 1 and 5 points for Part 2, the program will receive a score of 13 points.

Percent and number of underrepresented minority graduates



Thank you!

For more information, please contact
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