Primary Care Residency (PCR) Scoring and Evaluation

Department of Health Care Access and Information

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Objectives

The Song-Brown PCR program evaluates applications based on seven 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 medically underserved areas.

- I.3 Placement of graduates in medically underserved areas.

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

- I.2 Percent and number of underrepresented minority graduates.

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

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

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

Calculation:

$$\frac{(800 \text{ x } 2) + (200 \text{ x } 3)}{1000}$$

Severity:

$= 2.2$

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

Calculation:

$$\frac{(7 \times \mathbf{1}) + (3 \times \mathbf{2})}{10} = 1.3$$

Severity:

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 underrepresented minority graduates.

- 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 underrepresented minority graduates)*

  - *Predetermined point system.*

- Part 2: **Number** *(Ex: Number of underrepresented minority graduates)*

  - *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
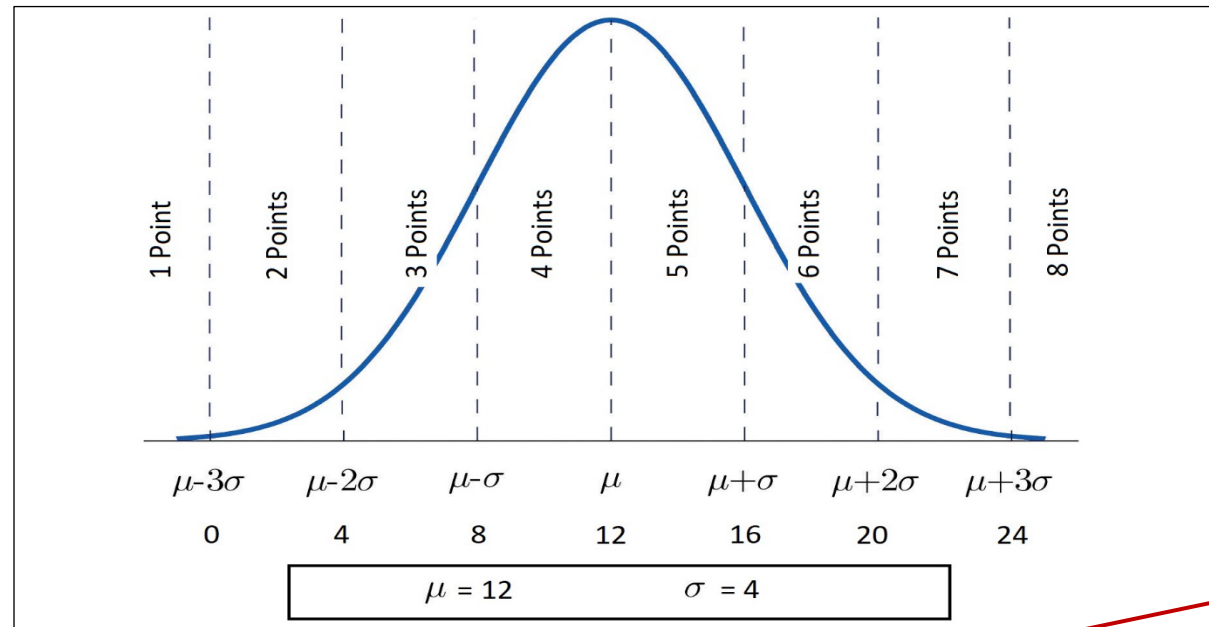
Program X Example:

- The program has 58 percent underrepresented minority graduates.
- 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 underrepresented minority graduates. 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

Chart labels: 1 Point, 2 Points, 3 Points, 4 Points, 5 Points, 6 Points, 7 Points, 8 Points

$\mu-3\sigma$ (0), $\mu-2\sigma$ (4), $\mu-\sigma$ (8), μ (12), $\mu+\sigma$ (16), $\mu+2\sigma$ (20), $\mu+3\sigma$ (24)

$\mu = 12$ $\sigma = 4$

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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

Score for Part 1 (percentages) 58% = 8 points

+

Score for Part 2 (numbers) 15 = 5 points

=

Program X total score for criteria: Part 1 (8 points) + Part 2 (5 points) = 13 points

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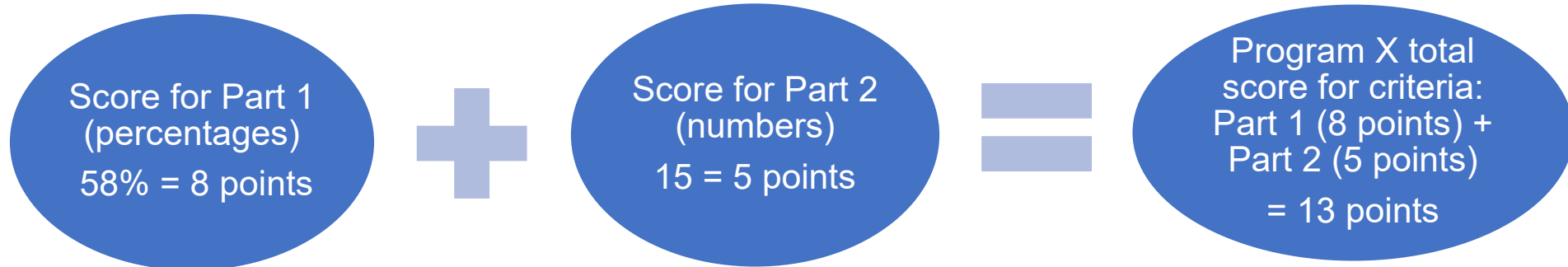
Thank you!

For more information, please contact
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