

HPSA SCORES

- Primary Medical Care
- Dental Care
- Mental Health

HPSA SCORES

- HPSA Scores are critical for U.S. HRSA administered programs, such as:
 - National Health Service Corps (NHSC) Loan Repayment
 - NHSC Scholar Placements
 - NHSC Student to Service Program
 - Nurse Corps Loan Repayment

SCORING: PRIMARY MEDICAL CARE

Factor 1: Population to Physician Ratio

	<u>Population to Physician Ratio</u>	<u>Score</u> (x 2)
$\geq 10,000:1$ and the de-designation threshold is ≥ 0	or there are no physicians and a population $\geq 2,500$	5
$< 10,000:1$ but $\geq 5,000:1$ and the de-designation threshold is ≥ 0	or there is no physicians and a population $\geq 2,000$	4
$< 5,000:1$ but $\geq 4,000:1$ and the de-designation threshold is ≥ 0	or there is no physicians and a population $\geq 1,500$	3
$< 4,000:1$ but $\geq 3,500:1$ and the de-designation threshold is ≥ 0	or there is no physicians and a population $\geq 1,000$	2
$< 3,500:1$ but $\geq 3,000:1$ and the de-designation threshold is ≥ 0	or there is no physicians and a population ≥ 500	1

De-designation threshold = the number of physicians to de-designate a HPSA based on a 3,000:1 ratio

SCORING: PRIMARY MEDICAL CARE

Factor 2: 100% of Poverty Level

<u>100 Percent of Poverty Rate</u>	<u>Score</u>
$\geq 50\%$	5
$< 50\%$ but $\geq 40\%$	4
$< 40\%$ but $\geq 30\%$	3
$< 30\%$ but $\geq 20\%$	2
$< 20\%$ but $\geq 15\%$	1

SCORING: PRIMARY MEDICAL CARE

Factor 3: Infant Health Index (choose largest)

<u>Infant Mortality Rate</u>	<u>Low Birth Weight Rate</u>	<u>Score</u>
≥ 20.0	or $\geq 13\%$	5
< 20 but ≥ 18	or < 13 but $\geq 11\%$	4
< 18 but ≥ 15	or < 11 but $\geq 10\%$	3
< 15 but ≥ 12	or < 10 but $\geq 9\%$	2
< 12 but ≥ 10	or < 9 but $\geq 7\%$	1

SCORING: PRIMARY MEDICAL CARE

Factor 4: Average Travel Time or Distance to Nearest Source of Non-Designated Accessible Care (choose largest)

<u>Time</u>	<u>Distance</u>	<u>Score</u>
≥ 60 minutes	≥ 50 miles	5
< 60 but ≥ 50 minutes	< 50 but ≥ 40 miles	4
< 50 but ≥ 40 minutes	< 40 but ≥ 30 miles	3
< 40 but ≥ 30 minutes	< 30 but ≥ 20 miles	2
< 30 but ≥ 20 minutes	< 20 but ≥ 10 miles	1

SCORING: DENTAL CARE

Factor 1: Population to Dentist Ratio

	<u>Population to Dental Ratio</u>	<u>Score</u> (x2)
$\geq 10,000:1$ and a de-designation threshold of ≥ 0	or there is no dentists and a population $\geq 3,000$	5
$< 10,000:1$ but $\geq 8,000:1$ and a de-designation threshold of ≥ 0	or there is no dentists and a population $\geq 2,500$	4
$< 8,000:1$ but $\geq 6,000:1$ and a de-designation threshold of ≥ 0	or there is no dentists and a population $\geq 2,000$	3
$< 6,000:1$ but $\geq 5,000:1$ and a de-designation threshold of ≥ 0	or there is no dentists and a population $\geq 1,500$	2
$< 5,000:1$ but $\geq 4,000:1$ and a de-designation threshold of ≥ 0	or there is no dentists and a population $\geq 1,000$	1

SCORING: DENTAL CARE

Factor 2: 100 Percent of Poverty Rate

<u>100% of Poverty Rate</u>	<u>Score</u> (x2)
$\geq 50\%$	5
< 50 but $\geq 40\%$	4
< 40 but $\geq 30\%$	3
< 30 but $\geq 20\%$	2
< 20 but $\geq 15\%$	1

Factor 3: Fluoridated Water

Water Not Fluoridated = Score of 1 point

SCORING: DENTAL CARE

Factor 4: Average Travel Time or Distance to Nearest Source of Non-Designated Accessible Care
(choose largest)

<u>Time</u>	<u>Distance</u>	<u>Score</u>
≥ 90 minutes	> 60 miles	5
< 90 but ≥ 75 minutes	< 60 but ≥ 50 miles	4
< 75 but ≥ 60 minutes	< 50 but ≥ 40 miles	3
< 60 but ≥ 45 minutes	< 40 but ≥ 30 miles	2
< 45 but ≥ 30 minutes	< 30 but ≥ 20 miles	1

SCORING: MENTAL CARE

Geographic: The Population-to-Provider Ratio for a Mental Health HPSA or Auto-HPSA is scored according to the values in the following tables, depending on which providers are included.

No Psychiatrists

Ratio	Score
≥3,000:0 and <4,500:0	1
≥4,500:0 and <6,000:0	2
≥6,000:0 and <7,500:0	3
≥7,500:0 and <9,000:0	4
≥9,000:0 and <12,000:0	5
≥12,000:0 and <15,000:0	6
≥15,000:0 and <18,000:0	7

Psychiatrists Only

Ratio	Score
≥30,000:1 and <35,000:1	1
≥35,000:1 and <40,000:1	2
≥40,000:1 and <45,000:1	3
≥45,000:1 and <50,000:1	4
≥50,000:1 and <55,000:1	5
≥55,000:1 and <60,000:1	6
≥60,000:1	7

SCORING: MENTAL CARE

Geographic with High Needs: The Population-to-Provider Ratio for a Mental Health HPSA or Auto-HPSA is scored according to the values in the following tables, depending on which providers are included.

No Psychiatrists

Ratio	Score
≥1,500:0 and <3,000:0	1
≥3,000:0 and <4,500:0	2
≥4,500:0 and <6,000:0	3
≥6,000:0 and <7,500:0	4
≥7,500:0 and <9,000:0	5
≥9,000:0 and <12,000:0	6
≥12,000:0 and <15,000:0	7

Psychiatrists Only

Ratio	Score
≥20,000:1 and <25,000:1	1
≥25,000:1 and <30,000:1	2
≥30,000:1 and <35,000:1	3
≥35,000:1 and <40,000:1	4
≥40,000:1 and <45,000:1	5
≥45,000:1 and <50,000:1	6
≥50,000:1	7

SCORING: MENTAL CARE

Population: The population used for the Mental Health Population HPSA is the population specified in the designation. The Population-to-Provider Ratio for a Mental Health population HPSA is scored according to the values in the tables below, depending on which providers are included.

No Psychiatrists	
Ratio	Score
≥1,500:0 and <3,000:0	1
≥3,000:0 and <4,500:0	2
≥4,500:0 and <6,000:0	3
≥6,000:0 and <7,500:0	4
≥7,500:0 and <9,000:0	5
≥9,000:0 and <12,000:0	6
≥12,000:0 and <15,000:0	7

Psychiatrists Only	
Ratio	Score
≥20,000:1 and <25,000:1	1
≥25,000:1 and <30,000:1	2
≥30,000:1 and <35,000:1	3
≥35,000:1 and <40,000:1	4
≥40,000:1 and <45,000:1	5
≥45,000:1 and <50,000:1	6
≥50,000:1	7

PERCENT OF POPULATION WITH INCOMES AT OR BELOW FEDERAL POVERTY LEVEL

The HPSA scoring thresholds are consistent across all disciplines for the percent of the population at or below the Federal Poverty Level. The system will assign a point value according to the table below for this portion of the HPSA score calculation.

Score for % Population with Income at or Below 100% FPL	Points
$P \geq 50\%$	5
$50\% > P \geq 40\%$	4
$40\% > P \geq 30\%$	3
$30\% > P \geq 20\%$	2
$20\% > P \geq 15\%$	1
$P < 15\%$	0

YOUTH AND ELDERLY RATIOS

Across all Mental Health HPSA score calculations a scoring factor for both the elderly and youth ratio in the designation area is used. The ratios are defined as follows:

$$\text{Elderly Ratio} = \frac{\# \text{ Population Age 65 and over}}{\text{Total Population Age 18} - 64}$$

$$\text{Youth Ratio} = \frac{\# \text{ Population Age 18 and under}}{\text{Total Population Age 18} - 64}$$

Elderly Ratio	Points
$R \geq 0.25:1$	3
$0.25:1 > R \geq 0.15:1$	2
$0.15:1 > R \geq 0.10:1$	1

Youth Ratio	Points
$R \geq 0.6:1$	3
$0.6:1 > R \geq 0.4:1$	2
$0.4:1 > R \geq 0.2:1$	1

ALCOHOL AND SUBSTANCE ABUSE PREVALENCE

Across all Mental Health HPSA score calculations, a measure of substance and alcohol abuse is factored into the HPSA score. This optional data is provided by the user on the Supplemental Information Form of the application by indicating that the proposed designation's substance or alcohol abuse rate is in the worst quartile of the nation, state, or regional level. The proposed designation HPSA score is affected as follows:

Alcohol Abuse Prevalence	Points
Area's rate is in worst quartile for nation, region, or state	1

Substance Abuse Prevalence	Points
Area's rate is in worst quartile for nation, region, or state	1

NEAREST NON DESIGNATED PROVIDER

The system will calculate the time and distance to the nearest source of care by using the shortest path analysis discussed above in the travel time and NND section. The system will look for the nearest provider regardless if the RSA's scoring is based on Core Mental Health or Psychiatrists. Mental Health NND travel time is then generated. The following table displays the scoring thresholds based on Mental Health NND Travel Time:

Score for Travel Time or Distance to NND	Points
≥ 60 minutes	5
< 60 minutes and ≥50 minutes	4
< 50 minutes and ≥ 40 minutes	3
< 40 minutes and ≥ 30 minutes	2
< 30 minutes and > 20 minutes	1

REFERENCE LINKS

HPSA & MUA/MUP Training Manuals and Worksheets:

<https://oshpd.ca.gov/HWDD/CalPCO.html>

MSSA and Census Data, and HPSA maps:

<https://oshpd.ca.gov/HWDD/CalPCO.html>

PCO Website:

<https://oshpd.ca.gov/HWDD/CalPCO.html>

HRSA website for HPSA and MUA/MUP search:

<https://datawarehouse.hrsa.gov/tools/analyzers/hpsafind.aspx>

National Health Service Corps Job Center:

<https://nhscjobs.hrsa.gov/external/search/index.seam>