

# **Designated Health Professional Shortage Areas Statistics**

As of June 5, 2019

Bureau of Health Workforce  
Health Resources and Services Administration (HRSA)  
U.S. Department of Health & Human Services

# Designated Health Professional Shortage Areas Statistics

**Table 1. Health Professional Shortage Areas: Number, Population, and Additional Practitioners Needed for Geographic Areas, Population Groups, and Facilities as of June 5, 2019**

	Number of Designations <sup>(1)</sup>	Population of Designated HPSAs <sup>(2)</sup>	Percent of Need Met <sup>(3)</sup>	Practitioners Needed to Remove Designations <sup>(7)</sup>
<b>Primary Medical HPSA Totals</b>	<b>7,101</b>	<b>80,358,530</b>	<b>43.99 %<sup>(4)</sup></b>	<b>15,062<sup>(7)</sup></b>
Geographic Area	1,335	31,947,494	58.08 %	4,158
Population Group	1,758	47,069,923	36.01 %	10,026
Facility	4,008	1,341,113	33.21 %	878
<b>Dental Health HPSA Totals</b>	<b>5,869</b>	<b>58,285,401</b>	<b>29.40 %<sup>(5)</sup></b>	<b>10,619<sup>(8)</sup></b>
Geographic Area	599	11,387,005	49.82 %	1,305
Population Group	1,819	45,238,157	24.44 %	8,553
Facility	3,451	1,660,239	31.77 %	761
<b>Mental Health HPSA Totals</b>	<b>5,173</b>	<b>118,030,157</b>	<b>26.13 %<sup>(6)</sup></b>	<b>6,970<sup>(9)</sup></b>
Geographic Area	1,053	80,180,757	30.02 %	3,690
Population Group	478	35,942,221	17.23 %	2,181
Facility	3,642	1,907,179	28.09 %	1,099

# Designated Health Professional Shortage Areas Statistics

**Table 2. Health Professional Shortage Areas: Rural/Non-Rural Classification as of June 5, 2019**

	Number of Designations <sup>(1)</sup>	Percentage of All Designations <sup>(10)</sup>	Population of Designated HPSAs	Practitioners Needed to Remove Designations
<b>Primary Medical HPSA Totals</b>	<b>7,101</b>		<b>80,358,530</b>	<b>15,062</b>
<b>Rural</b>	<b>4,194</b>	<b>59.06 %</b>	<b>23,182,242</b>	<b>3,890</b>
Geographic Area	882	12.42 %	12,993,543	1,687
Population Group	929	13.08 %	9,536,991	1,795
Facility	2,383	33.56 %	651,708	408
<b>Non-Rural</b>	<b>2,437</b>	<b>34.32 %</b>	<b>40,862,632</b>	<b>8,444</b>
Geographic Area	241	3.39 %	11,914,116	1,645
Population Group	571	8.04 %	28,259,111	6,329
Facility	1,625	22.88 %	689,405	470
<b>Partially Rural<sup>(11)</sup></b>	<b>466</b>	<b>6.56 %</b>	<b>16,271,543</b>	<b>2,717</b>
Geographic Area	208	2.93 %	6,997,722	815
Population Group	258	3.63 %	9,273,821	1,902
<b>Unknown<sup>(12)</sup></b>	<b>4</b>	<b>0.06 %</b>	<b>42,113</b>	<b>11</b>
Geographic Area	4	0.06 %	42,113	11
<b>Dental Health HPSA Totals</b>	<b>5,869</b>		<b>58,285,401</b>	<b>10,619</b>
<b>Rural</b>	<b>3,471</b>	<b>59.14 %</b>	<b>19,496,689</b>	<b>3,521</b>
Geographic Area	464	7.91 %	6,500,762	784
Population Group	1,061	18.08 %	12,157,296	2,372
Facility	1,946	33.16 %	838,631	365
<b>Non-Rural</b>	<b>2,052</b>	<b>34.96 %</b>	<b>26,832,398</b>	<b>4,976</b>
Geographic Area	66	1.12 %	2,813,651	284
Population Group	481	8.20 %	23,197,139	4,296
Facility	1,505	25.64 %	821,608	396
<b>Partially Rural</b>	<b>341</b>	<b>5.81 %</b>	<b>11,882,638</b>	<b>2,109</b>
Geographic Area	66	1.12 %	2,025,273	229
Population Group	275	4.69 %	9,857,365	1,880
<b>Unknown</b>	<b>5</b>	<b>0.09 %</b>	<b>73,676</b>	<b>13</b>
Geographic Area	3	0.05 %	47,319	8
Population Group	2	0.03 %	26,357	5

# Designated Health Professional Shortage Areas Statistics

<b>Mental Health HPSA Totals</b>	<b>5,173</b>		<b>118,030,157</b>	<b>6,970</b>
<b>Rural</b>	<b>2,737</b>	<b>52.91 %</b>	<b>26,141,890</b>	<b>1,866</b>
Geographic Area	627	12.12 %	22,809,036	1,278
Population Group	111	2.15 %	2,413,966	185
Facility	1,999	38.64 %	918,888	403
<b>Non-Rural</b>	<b>1,992</b>	<b>38.51 %</b>	<b>39,845,325</b>	<b>2,612</b>
Geographic Area	137	2.65 %	18,516,792	721
Population Group	212	4.10 %	20,340,242	1,195
Facility	1,643	31.76 %	988,291	696
<b>Partially Rural</b>	<b>441</b>	<b>8.53 %</b>	<b>51,802,698</b>	<b>2,477</b>
Geographic Area	287	5.55 %	38,809,662	1,689
Population Group	154	2.98 %	12,993,036	788
<b>Unknown</b>	<b>3</b>	<b>0.06 %</b>	<b>240,244</b>	<b>15</b>
Geographic Area	2	0.04 %	45,267	2
Population Group	1	0.02 %	194,977	13

# Designated Health Professional Shortage Areas Statistics

Table 3. Primary Care Health Professional Shortage Areas, by State, as of June 5, 2019

Primary Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(3)</sup>	Practitioners Needed to Remove Designation <sup>(6)</sup>
<b>HPSA Total</b>	<b>7,101</b>	<b>1,335</b>	<b>1,758</b>	<b>4,008</b>	<b>80,358,530</b>	<b>43.99 %</b>	<b>15,062</b>
<b>Region I</b>	<b>255</b>	<b>21</b>	<b>51</b>	<b>183</b>	<b>1,311,651</b>	<b>31.02 %</b>	<b>311</b>
Connecticut	43	0	22	21	442,392	0.24 %	149
Maine	66	12	8	46	79,195	36.88 %	16
Massachusetts	67	4	9	54	503,473	37.65 %	108
New Hampshire	30	2	6	22	96,317	59.46 %	14
Rhode Island	14	1	3	10	167,510	65.94 %	21
Vermont	35	2	3	30	22,764	61.80 %	3
<b>Region II</b>	<b>280</b>	<b>12</b>	<b>102</b>	<b>166</b>	<b>7,832,523</b>	<b>21.58 %</b>	<b>2,069</b>
New Jersey	38	0	0	38	31,747	20.79 %	25
New York	198	9	85	104	6,004,903	26.46 %	1,475
Puerto Rico	39	0	17	22	1,690,276	1.92 %	554
U.S. Virgin Islands	5	3	0	2	105,597	58.13 %	15
<b>Region III</b>	<b>486</b>	<b>82</b>	<b>122</b>	<b>282</b>	<b>4,451,035</b>	<b>48.45 %</b>	<b>806</b>
Delaware	15	2	4	9	237,967	32.40 %	58
District of Columbia	15	3	3	9	247,613	27.86 %	63
Maryland	64	7	32	25	1,213,054	43.92 %	255
Pennsylvania	158	16	25	117	532,342	44.98 %	119
Virginia	111	48	17	46	1,579,466	61.19 %	194
West Virginia	123	6	41	76	640,593	46.39 %	117
<b>Region IV</b>	<b>1,372</b>	<b>282</b>	<b>486</b>	<b>604</b>	<b>21,738,447</b>	<b>44.97 %</b>	<b>4,030</b>
Alabama	119	44	30	45	2,557,267	58.75 %	354
Florida	280	17	125	138	6,263,307	22.11 %	1,687
Georgia	238	56	97	85	3,239,479	43.14 %	625
Kentucky	184	49	46	89	1,289,561	55.08 %	187

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Primary Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(3)</sup>	Practitioners Needed to Remove Designation <sup>(6)</sup>
Mississippi	119	53	26	40	1,744,855	41.30 %	340
North Carolina	189	23	66	100	2,020,404	46.67 %	341
South Carolina	92	14	29	49	1,927,094	68.99 %	204
Tennessee	151	26	67	58	2,696,480	67.67 %	292
<b>Region V</b>	<b>1,151</b>	<b>193</b>	<b>244</b>	<b>714</b>	<b>11,875,429</b>	<b>55.19 %</b>	<b>1,746</b>
Illinois	232	40	77	115	3,321,396	55.48 %	480
Indiana	133	32	35	66	2,155,278	76.55 %	169
Michigan	366	25	61	280	3,272,342	40.40 %	647
Minnesota	126	30	22	74	511,888	48.32 %	86
Ohio	161	41	21	99	1,465,014	55.56 %	211
Wisconsin	133	25	28	80	1,149,511	58.95 %	153
<b>Region VI</b>	<b>994</b>	<b>248</b>	<b>218</b>	<b>528</b>	<b>10,877,600</b>	<b>54.32 %</b>	<b>1,656</b>
Arkansas	91	14	42	35	524,329	53.42 %	84
Louisiana	145	44	29	72	2,350,856	66.28 %	258
New Mexico	105	30	10	65	1,088,121	22.98 %	270
Oklahoma	184	13	62	109	1,276,291	57.11 %	194
Texas	469	147	75	247	5,638,003	54.75 %	850
<b>Region VII</b>	<b>601</b>	<b>64</b>	<b>195</b>	<b>342</b>	<b>3,365,811</b>	<b>28.96 %</b>	<b>787</b>
Iowa	130	29	32	69	651,570	55.33 %	95
Kansas	158	18	65	75	995,681	44.63 %	180
Missouri	207	8	98	101	1,696,769	10.07 %	508
Nebraska	106	9	0	97	21,791	36.62 %	4
<b>Region VIII</b>	<b>510</b>	<b>162</b>	<b>103</b>	<b>245</b>	<b>2,879,734</b>	<b>42.69 %</b>	<b>554</b>
Colorado	122	24	37	61	1,107,244	34.48 %	263
Montana	118	25	31	62	412,474	35.28 %	85
North Dakota	76	44	3	29	188,627	33.35 %	37
South Dakota	92	35	14	43	238,804	41.54 %	45
Utah	58	15	13	30	744,682	59.87 %	100
Wyoming	44	19	5	20	187,903	53.81 %	24

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Primary Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(3)</sup>	Practitioners Needed to Remove Designation <sup>(6)</sup>
<b>Region IX</b>	<b>979</b>	<b>203</b>	<b>143</b>	<b>633</b>	<b>12,311,687</b>	<b>43.48 %</b>	<b>2,330</b>
Arizona	201	53	41	107	2,970,118	41.74 %	577
California	649	121	86	442	7,751,024	43.26 %	1,476
Hawaii	28	5	2	21	188,754	73.57 %	14
Nevada	82	16	13	53	949,520	47.76 %	170
American Samoa	2	1	0	1	55,009	5.45 %	17
Federated States of Micronesia	8	3	1	4	101,519	0.00 %	34
Guam	2	1	0	1	178,457	72.28 %	16
Marshall Islands	2	1	0	1	53,158	0.00 %	18
Northern Mariana Islands	3	1	0	2	53,366	72.13 %	4
Republic of Palau	2	1	0	1	10,762	0.00 %	4
<b>Region X</b>	<b>473</b>	<b>68</b>	<b>94</b>	<b>311</b>	<b>3,714,613</b>	<b>35.24 %</b>	<b>773</b>
Alaska	86	15	0	71	105,032	26.34 %	24
Idaho	99	14	29	56	490,174	49.24 %	81
Oregon	125	12	33	80	909,657	51.36 %	150
Washington	163	27	32	104	2,209,750	25.22 %	518

# Designated Health Professional Shortage Areas Statistics

Table 4. Dental Health Health Professional Shortage Areas, by State, as of June 5, 2019

Dental Health	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(4)</sup>	Practitioners Needed to Remove Designation <sup>(7)</sup>
<b>HPSA Total</b>	<b>5,869</b>	<b>599</b>	<b>1,819</b>	<b>3,451</b>	<b>58,285,401</b>	<b>29.40 %</b>	<b>10,619</b>
<b>Region I</b>	<b>237</b>	<b>18</b>	<b>52</b>	<b>167</b>	<b>1,254,889</b>	<b>37.33 %</b>	<b>203</b>
Connecticut	37	0	19	18	395,968	0.00 %	101
Maine	74	13	21	40	295,798	40.10 %	40
Massachusetts	59	3	4	52	325,244	76.12 %	21
New Hampshire	24	0	3	21	29,796	40.46 %	5
Rhode Island	14	0	4	10	178,655	34.89 %	34
Vermont	29	2	1	26	29,428	53.66 %	2
<b>Region II</b>	<b>224</b>	<b>6</b>	<b>49</b>	<b>169</b>	<b>2,751,592</b>	<b>24.35 %</b>	<b>561</b>
New Jersey	40	0	0	40	51,911	36.36 %	24
New York	155	2	49	104	2,580,740	23.48 %	515
Puerto Rico	24	1	0	23	12,965	16.56 %	4
U.S. Virgin Islands	5	3	0	2	105,976	32.39 %	18
<b>Region III</b>	<b>453</b>	<b>44</b>	<b>167</b>	<b>242</b>	<b>5,549,846</b>	<b>35.91 %</b>	<b>910</b>
Delaware	10	0	3	7	178,124	6.84 %	50
District of Columbia	11	0	2	9	82,914	2.41 %	21
Maryland	59	11	28	20	1,248,023	17.76 %	241
Pennsylvania	166	2	56	108	2,008,468	47.91 %	285
Virginia	92	22	38	32	1,301,884	43.36 %	177
West Virginia	115	9	40	66	730,433	29.35 %	136
<b>Region IV</b>	<b>1,153</b>	<b>140</b>	<b>479</b>	<b>534</b>	<b>18,388,459</b>	<b>24.73 %</b>	<b>3,555</b>
Alabama	76	0	43	33	1,828,616	20.57 %	376
Florida	241	3	111	127	5,574,335	13.32 %	1,264
Georgia	196	41	83	72	2,057,577	23.19 %	409



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Dental Health	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(4)</sup>	Practitioners Needed to Remove Designation <sup>(7)</sup>
Kentucky	127	14	33	80	633,113	49.19 %	78
Mississippi	112	56	23	33	1,801,422	45.83 %	248
North Carolina	165	3	75	87	2,474,835	19.22 %	506
South Carolina	85	20	18	47	1,650,619	40.95 %	248
Tennessee	151	3	93	55	2,367,942	29.34 %	426
<b>Region V</b>	<b>1,030</b>	<b>18</b>	<b>422</b>	<b>590</b>	<b>9,935,710</b>	<b>26.37 %</b>	<b>1,884</b>
Illinois	171	4	78	89	2,358,299	37.35 %	376
Indiana	104	2	53	49	1,346,130	30.57 %	246
Michigan	345	1	116	228	2,469,547	5.56 %	598
Minnesota	126	9	56	61	708,959	15.69 %	151
Ohio	155	2	69	84	1,824,747	34.32 %	306
Wisconsin	129	0	50	79	1,228,028	36.12 %	207
<b>Region VI</b>	<b>756</b>	<b>148</b>	<b>157</b>	<b>451</b>	<b>6,690,735</b>	<b>42.65 %</b>	<b>1,024</b>
Arkansas	84	8	50	26	641,228	37.13 %	100
Louisiana	124	35	25	64	2,190,516	53.44 %	258
New Mexico	84	21	16	47	891,071	21.44 %	174
Oklahoma	164	6	57	101	894,393	35.52 %	166
Texas	300	78	9	213	2,073,527	45.20 %	326
<b>Region VII</b>	<b>494</b>	<b>41</b>	<b>194</b>	<b>259</b>	<b>2,862,135</b>	<b>19.40 %</b>	<b>570</b>
Iowa	121	8	54	59	534,250	35.36 %	92
Kansas	123	22	54	47	594,586	24.49 %	103
Missouri	173	11	84	78	1,730,257	12.54 %	375
Nebraska	77	0	2	75	3,042	60.53 %	0
<b>Region VIII</b>	<b>381</b>	<b>80</b>	<b>96</b>	<b>205</b>	<b>2,182,317</b>	<b>42.47 %</b>	<b>323</b>
Colorado	100	20	29	51	862,703	36.87 %	146
Montana	98	10	31	57	351,150	31.98 %	61
North Dakota	42	23	0	19	98,871	33.66 %	12
South Dakota	61	18	11	32	143,923	27.12 %	29
Utah	52	5	21	26	676,020	59.09 %	70

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Dental Health	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(4)</sup>	Practitioners Needed to Remove Designation <sup>(7)</sup>
Wyoming	28	4	4	20	49,650	51.72 %	5
<b>Region IX</b>	<b>747</b>	<b>69</b>	<b>108</b>	<b>570</b>	<b>4,998,541</b>	<b>31.12 %</b>	<b>920</b>
Arizona	184	38	48	98	2,418,151	33.18 %	421
California	449	14	41	394	1,209,590	32.02 %	244
Hawaii	23	1	2	20	107,328	56.49 %	11
Nevada	71	7	16	48	877,695	32.99 %	152
American Samoa	2	1	0	1	55,009	0.00 %	14
Federated States of Micronesia	8	4	0	4	102,843	0.00 %	26
Guam	2	0	1	1	82,842	5.79 %	20
Marshall Islands	3	2	0	1	80,955	0.00 %	18
Northern Mariana Islands	3	1	0	2	53,366	0.00 %	11
Republic of Palau	2	1	0	1	10,762	0.00 %	3
<b>Region X</b>	<b>394</b>	<b>35</b>	<b>95</b>	<b>264</b>	<b>3,671,177</b>	<b>24.31 %</b>	<b>669</b>
Alaska	70	13	0	57	115,203	32.97 %	18
Idaho	95	6	36	53	498,559	45.25 %	67
Oregon	105	1	36	68	1,134,788	20.37 %	229
Washington	124	15	23	86	1,922,627	20.46 %	355

# Designated Health Professional Shortage Areas Statistics

Table 5. Mental Health Care Health Professional Shortage Areas, by State, as of June 5, 2019

Mental Health Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(5)</sup>	Practitioners Needed to Remove Designation <sup>(8)</sup>
<b>HPSA Total</b>	<b>5,173</b>	<b>1,053</b>	<b>478</b>	<b>3,642</b>	<b>118,030,157</b>	<b>26.13 %</b>	<b>6,970</b>
<b>Region I</b>	<b>202</b>	<b>21</b>	<b>11</b>	<b>170</b>	<b>2,161,243</b>	<b>29.20 %</b>	<b>144</b>
Connecticut	35	3	5	27	1,090,301	14.07 %	79
Maine	51	12	0	39	261,782	33.58 %	29
Massachusetts	58	1	5	52	274,388	33.44 %	17
New Hampshire	21	3	0	18	92,600	45.19 %	3
Rhode Island	13	2	1	10	442,172	57.16 %	16
Vermont	24	0	0	24		---	
<b>Region II</b>	<b>294</b>	<b>14</b>	<b>76</b>	<b>204</b>	<b>8,090,161</b>	<b>21.00 %</b>	<b>579</b>
New Jersey	41	0	0	41	55,401	48.52 %	15
New York	204	10	63	131	6,269,034	19.34 %	457
Puerto Rico	44	1	13	30	1,661,225	14.57 %	98
U.S. Virgin Islands	5	3	0	2	104,501	60.95 %	9
<b>Region III</b>	<b>413</b>	<b>60</b>	<b>66</b>	<b>287</b>	<b>6,510,139</b>	<b>30.24 %</b>	<b>504</b>
Delaware	15	0	1	14	94,672	16.27 %	18
District of Columbia	10	1	0	9	133,945	5.31 %	28
Maryland	61	10	19	32	1,617,985	27.61 %	106
Pennsylvania	127	23	2	102	1,725,287	38.88 %	104
Virginia	83	17	9	57	2,223,679	40.10 %	120
West Virginia	117	9	35	73	714,571	17.09 %	128
<b>Region IV</b>	<b>810</b>	<b>132</b>	<b>141</b>	<b>537</b>	<b>27,797,754</b>	<b>23.36 %</b>	<b>1,872</b>
Alabama	57	14	7	36	2,931,685	24.06 %	158
Florida	183	17	41	125	6,261,413	16.43 %	400
Georgia	99	18	8	73	4,815,508	39.21 %	189

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Mental Health Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(5)</sup>	Practitioners Needed to Remove Designation <sup>(8)</sup>
Kentucky	107	23	5	79	2,153,975	30.13 %	116
Mississippi	52	16	0	36	2,805,221	24.32 %	385
North Carolina	168	24	52	92	2,551,061	14.84 %	139
South Carolina	72	10	14	48	2,880,235	36.87 %	129
Tennessee	72	10	14	48	3,398,656	11.69 %	356
<b>Region V</b>	<b>823</b>	<b>181</b>	<b>35</b>	<b>607</b>	<b>19,754,607</b>	<b>27.02 %</b>	<b>1,064</b>
Illinois	130	32	4	94	4,842,920	23.43 %	221
Indiana	80	22	0	58	3,738,073	34.60 %	160
Minnesota	68	9	0	59	1,999,163	33.39 %	79
Michigan	283	48	15	220	4,270,475	23.22 %	221
Ohio	123	20	11	92	2,575,843	36.64 %	124
Wisconsin	139	50	5	84	2,328,133	19.66 %	259
<b>Region VI</b>	<b>803</b>	<b>284</b>	<b>44</b>	<b>475</b>	<b>19,946,072</b>	<b>30.77 %</b>	<b>989</b>
Arkansas	47	5	10	32	1,258,483	33.15 %	61
Louisiana	129	54	11	64	3,456,459	23.90 %	169
New Mexico	73	16	2	55	1,251,275	12.30 %	75
Oklahoma	119	4	9	106	1,563,013	23.23 %	96
Texas	435	205	12	218	12,416,842	34.93 %	588
<b>Region VII</b>	<b>335</b>	<b>42</b>	<b>23</b>	<b>270</b>	<b>5,991,693</b>	<b>24.64 %</b>	<b>305</b>
Iowa	72	15	0	57	1,610,233	39.24 %	53
Kansas	72	19	3	50	1,395,358	31.79 %	55
Missouri	110	3	20	87	1,947,108	7.24 %	171
Nebraska	81	5	0	76	1,038,994	50.82 %	26
<b>Region VIII</b>	<b>343</b>	<b>91</b>	<b>17</b>	<b>235</b>	<b>7,741,631</b>	<b>32.21 %</b>	<b>389</b>
Colorado	93	11	8	74	2,664,404	29.98 %	132
Montana	83	21	7	55	601,906	12.94 %	72
North Dakota	51	26	0	25	291,463	18.75 %	20
South Dakota	51	14	1	36	456,245	11.63 %	43
Utah	41	14	1	26	3,166,426	49.72 %	97

# Designated Health Professional Shortage Areas Statistics

Mental Health Care	Total Designations <sup>(1)</sup>	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met <sup>(5)</sup>	Practitioners Needed to Remove Designation <sup>(8)</sup>
Wyoming	24	5	0	19	561,187	31.46 %	25
<b>Region IX</b>	<b>784</b>	<b>154</b>	<b>50</b>	<b>580</b>	<b>14,114,395</b>	<b>25.61 %</b>	<b>811</b>
Arizona	177	64	15	98	2,865,520	11.57 %	181
California	500	67	31	402	8,077,374	30.60 %	426
Hawaii	28	5	2	21	188,665	19.71 %	7
Nevada	58	8	1	49	2,445,591	29.40 %	146
American Samoa	2	1	0	1	55,009	0.00 %	12
Federated States of Micronesia	8	4	0	4	102,843	0.00 %	23
Guam	3	1	1	1	242,200	35.80 %	8
Marshall Islands	2	1	0	1	53,158	0.00 %	3
Northern Mariana Islands	3	1	0	2	53,366	0.00 %	3
Republic of Palau	3	2	0	1	30,669	0.00 %	2
<b>Region X</b>	<b>366</b>	<b>74</b>	<b>15</b>	<b>277</b>	<b>5,922,462</b>	<b>17.60 %</b>	<b>313</b>
Alaska	76	18	0	58	276,673	22.98 %	10
Idaho	62	6	1	55	1,276,991	24.03 %	56
Oregon	95	15	8	72	1,528,647	22.97 %	82
Washington	133	35	6	92	2,840,151	11.26 %	165

# Designated Health Professional Shortage Areas Statistics

## Endnotes

- (1) The number of designations includes HPSAs that are proposed for withdrawal (P) and HPSAs that have no data (N). Designations are not withdrawn until a Federal Register Notice is published, generally once a year on or around July 1.
- (2) The figure reported for the Population of Designated Facility HPSAs for both Primary Care and Dental reflects the number of internees in designated correctional facilities. The figure reported for the Population of Designated Facility HPSAs for Mental Health reflects the number of internees in designated correctional facilities, as well as the average daily inpatient census for state and county mental hospitals designated after September 1, 2015. For reports generated prior to September 1, 2015, the Population of Designated Facility HPSAs for all disciplines included populations served by other public or non-profit facilities. These are facilities that qualify for HPSA designation by demonstrating that even though they are not located in a geographic or population HPSA, they serve the populations of geographic and population HPSAs. As a result, these populations were potentially double counted.
- (3) The figure reported for Percent of Need Met for facility HPSAs includes correctional facilities and state mental hospitals. It excludes facilities not located in a HPSA that are designated based on providing services to the population of a geographic or population HPSA. It also excludes facilities automatically designated based on statute, including health center program grantees, Federally Qualified Health Center Look Alikes, Indian Health Service facilities, and rural health clinics that meet National Health Service Corps (NHSC) site requirements.
- (4) The percent of need met is computed by dividing the number of primary care physicians available to serve the population of the area, group, or facility by the number of primary care physicians that would be necessary to reduce the population to provider ratio below the threshold for designation so that it would eliminate the designation as a primary care HPSA. Federal regulations stipulate that, in order to be considered as having a shortage of providers, a designation must have a population-to-provider ratio that meets or exceeds a certain threshold. For primary care geographic designations, the population to provider ratio must be at least 3,500 to 1. For primary care population designations or geographic designations in areas with unusually high needs, the threshold is 3,000 to 1. For correctional facilities, the threshold is 1,000:1 and takes into account the average length of stay, and whether or not intake examinations are routinely performed.
- (5) The percent of need met is computed by dividing the number of dentists available to serve the population of the area, group, or facility by the number of dentists that would be necessary to reduce the population to provider ratio below the threshold for designation so that it would eliminate the designation as a dental HPSA. Federal regulations stipulate that, in order to be considered as having a shortage of providers, a designation must have a population-to-provider ratio that meets or exceeds a certain threshold. For dental geographic designations, the ratio must be at least 5,000 to 1. For dental population designations or geographic designations in areas with unusually high needs, the threshold is 4,000 to 1. For correctional facilities, the threshold is 1,500:1 and takes into account the average length of stay, and whether or not intake examinations are routinely performed.

# Designated Health Professional Shortage Areas Statistics

## Endnotes

- (6) The percent of need met is computed by dividing the number of mental health providers available to serve the population of the area, group, or facility by the number of mental health providers that would be necessary to reduce the population to provider ratio below the threshold for designation so that it would eliminate the designation as a mental health HPSA. Federal regulations stipulate that, in order to be considered as having a shortage of providers, a designation must have a population-to-provider ratio that meets or exceeds a certain threshold. Mental health designations may qualify for designation based on the population to psychiatrist ratio, the population to core mental health provider (psychiatrists, clinical psychologists, clinical social workers, psychiatric nurse specialists, and marriage and family therapists) ratio, or the population to both psychiatrist and core mental health provider ratios. For mental health geographic designations based on the ratio of population to psychiatrist ratio, the designation must have a ratio of 30,000 to 1, while for population designations or geographic designations in areas with unusually high needs, the threshold is 20,000 to 1. For mental health geographic designations based on the ratio of population to core mental health providers, the designation must have a ratio of 9,000 to 1, while for population designations or geographic designations in areas with unusually high needs, the threshold is 6,000 to 1. For mental health geographic designations based on the ratios of both population to psychiatrist and population to core mental health providers, the designation must have ratios of 20,000 to 1 (psychiatrists) and 6,000 to 1 (core mental health providers), while for population designations or geographic designations in areas with unusually high needs, the thresholds are 15,000 to 1 (psychiatrists) and 4,500 to 1 (core mental health providers). For correctional facilities, the threshold is 2,000:1 and takes into account the average length of stay, and whether or not intake examinations are routinely performed. For state mental hospitals, the calculation is based on workload units, which are a function of the average daily inpatient census and the number and type of admissions. For correctional facilities and state mental hospitals, psychiatrists are the only provider type counted.
- (7) The number of additional primary care physicians needed to achieve a population-to-primary care physician ratio below the thresholds necessary for designation in all designated primary care HPSAs that would result in their removal from designation. The formula used to designate primary care HPSAs does not take into account the availability of additional primary care services provided by nurse practitioners and physician assistants in an area. The figure reported for Practitioners Needed To Remove Designations for facility HPSAs includes correctional facilities. It excludes facilities not located in a HPSA that are designated based on providing services to the population of a geographic or population HPSA. It also excludes facilities automatically designated based on statute, including health center program grantees, Federally Qualified Health Center Look Alikes, Indian Health Service facilities, and rural health clinics that meet NHSC site requirements.
- (8) The number of additional dentists needed to achieve a population-to-dentist ratio below the thresholds necessary for designation in all designated dental HPSAs that would result in their removal from designation. The figure reported for Practitioners Needed To Remove Designations for facility HPSAs includes correctional facilities. It excludes facilities not located in a HPSA that are designated based on providing services to the population of a geographic or population HPSA. It also excludes facilities automatically designated based on statute, including health center program grantees, Federally Qualified Health Center Look Alikes, Indian Health Service facilities, and rural health clinics that meet NHSC site requirements.
- (9) The number of additional mental health providers needed to achieve a population-to-provider ratio below the thresholds necessary for designation in all designated mental health HPSAs that would result in their removal from designation. While the regulations allow mental health HPSA designations to be based on the psychiatrist to population ratio, the core mental health provider to population ratio, or both in conjunction, most mental health HPSA designations are currently based on the psychiatrists only to population ratio. If a HPSA designation is based on the ratio of population to psychiatrists only, it does not take into account the availability of additional mental health services provided by other mental health providers in the area, such as clinical psychologists, clinical social workers, psychiatric nurse specialists, and marriage and family therapists. The figure reported for Practitioners Needed To Remove Designations for facility HPSAs includes correctional facilities and state mental hospitals. It excludes facilities not located in a HPSA that are designated based on providing services to the population of a geographic or population HPSA. It also excludes facilities automatically designated based on statute, including health center program grantees, Federally Qualified Health Center Look Alikes, Indian Health Service facilities, and rural health clinics that meet NHSC site requirements.

# Designated Health Professional Shortage Areas Statistics

## Endnotes

- (10) Percentages of all designations classified as rural/non-rural are calculated by dividing the number of designations for the specified subcategory by the total number of designations for each discipline type and multiplying the result by 100. Due to decimal rounding, percentage totals may not equal exactly 100%.
- (11) Partially rural designations are those made up of geographic components that have a mixture of rural, non-rural, and unknown statuses.
- (12) Designations of unknown rural status may include 1) facility HPSAs whose precise location could not be located on a map (i.e. geocoded) or 2) geographic or population group HPSAs that are made up of some or all areas for which rural status is undefined. Rural status may be undefined where rural information or underlying geographic reference data for administrative boundaries is unavailable for the specified geographic area.