

Designated Health Professional Shortage Areas Statistics

Fourth Quarter of Fiscal Year 2018
Designated HPSA Quarterly Summary

As of September 30, 2018

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 September 30, 2018

	Number of Designations ⁽¹⁾	Population of Designated HPSAs ⁽²⁾	Percent of Need Met ⁽³⁾	Practitioners Needed to Remove Designations
Primary Medical HPSA Totals	6,890	75,218,285	43.97 %⁽⁴⁾	14,136⁽⁷⁾
Geographic Area	1,304	30,873,199	57.63 %	4,059
Population Group	1,644	42,958,232	36.04 %	9,146
Facility	3,942	1,386,854	31.30 %	931
Dental HPSA Totals	5,732	56,708,760	29.23 %⁽⁵⁾	10,425⁽⁸⁾
Geographic Area	593	11,128,172	50.15 %	1,268
Population Group	1,755	43,726,281	24.62 %	8,248
Facility	3,384	1,854,307	26.53 %	909
Mental Health HPSA Totals	5,035	110,441,350	25.56 %⁽⁶⁾	6,628⁽⁹⁾
Geographic Area	1,035	78,160,223	30.36 %	3,581
Population Group	428	30,111,667	16.66 %	1,866
Facility	3,572	2,169,460	22.48 %	1,181

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Table 2. Health Professional Shortage Areas: Rural/Non-Rural Classification as of September 30, 2018

	Number of Designations ⁽¹⁾	Percentage of All Designations ⁽¹⁰⁾	Population of Designated HPSAs	Practitioners Needed to Remove Designations
Primary Medical HPSA Totals	6,890		75,218,285	14,136
Rural	4,080	59.22 %	22,074,706	3,817
Geographic Area	857	12.44 %	12,334,140	1,642
Population Group	880	12.77 %	9,058,130	1,729
Facility	2,343	34.01 %	682,436	446
Non-Rural	2,355	34.18 %	37,460,159	7,676
Geographic Area	238	3.45 %	11,692,054	1,608
Population Group	518	7.52 %	25,063,687	5,583
Facility	1,599	23.21 %	704,418	485
Partially Rural⁽¹¹⁾	451	6.55 %	15,641,307	2,632
Geographic Area	205	2.98 %	6,804,892	798
Population Group	246	3.57 %	8,836,415	1,834
Unknown⁽¹²⁾	4	0.06 %	42,113	11
Geographic Area	4	0.06 %	42,113	11
Dental HPSA Totals	5,732		56,708,760	10,425
Rural	3,396	59.25 %	19,035,301	3,483
Geographic Area	460	8.03 %	6,375,833	755
Population Group	1,027	17.92 %	11,741,806	2,298
Facility	1,909	33.30 %	917,662	430
Non-Rural	1,998	34.86 %	25,940,857	4,860
Geographic Area	64	1.12 %	2,680,471	280
Population Group	459	8.01 %	22,323,741	4,101
Facility	1,475	25.73 %	936,645	479
Partially Rural⁽¹¹⁾	333	5.81 %	11,658,926	2,069
Geographic Area	66	1.15 %	2,024,549	225
Population Group	267	4.66 %	9,634,377	1,844
Unknown⁽¹²⁾	5	0.09 %	73,676	13
Geographic Area	3	0.05 %	47,319	8
Population Group	2	0.03 %	26,357	5
Mental Health HPSA Totals	5,035		110,441,350	6,628

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	Number of Designations ⁽¹⁾	Percentage of All Designations ⁽¹⁰⁾	Population of Designated HPSAs	Practitioners Needed to Remove Designations
Rural	2,690	53.43 %	25,790,098	1,865
Geographic Area	623	12.37 %	22,546,458	1,245
Population Group	102	2.03 %	2,204,826	171
Facility	1,965	39.03 %	1,038,814	449
Non-Rural	1,919	38.11 %	34,467,192	2,342
Geographic Area	131	2.60 %	17,997,419	690
Population Group	181	3.59 %	15,339,127	920
Facility	1,607	31.92 %	1,130,646	732
Partially Rural⁽¹¹⁾	423	8.40 %	49,943,816	2,406
Geographic Area	279	5.54 %	37,571,079	1,644
Population Group	144	2.86 %	12,372,737	762
Unknown⁽¹²⁾	3	0.06 %	240,244	15
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 September 30, 2018

Primary Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽³⁾	Practitioners Needed to Remove Designations ⁽⁶⁾
HPSA Total	6,890	1,304	1,644	3,942	75,218,285	0.43 %	14,136
Region I	253	21	49	183	1,301,333	0.30 %	312
Connecticut	43	0	22	21	442,392	0.00 %	149
Maine	66	12	8	46	78,132	0.35 %	16
Massachusetts	67	4	9	54	504,948	0.36 %	110
New Hampshire	30	2	6	22	96,029	0.60 %	14
Rhode Island	14	1	3	10	167,510	0.65 %	21
Vermont	33	2	1	30	12,322	0.53 %	2
Region II	259	12	89	158	6,288,922	0.22 %	1,640
New Jersey	35	0	0	35	28,823	0.54 %	13
New York	180	9	72	99	4,462,511	0.29 %	1,044
Puerto Rico	39	0	17	22	1,690,470	0.01 %	554
U.S. Virgin Islands	5	3	0	2	107,118	0.18 %	29
Region III	471	82	108	281	4,195,165	0.47 %	775
Delaware	15	2	4	9	237,967	0.32 %	58
District of Columbia	15	3	3	9	248,519	0.27 %	64
Maryland	52	7	20	25	975,941	0.42 %	218
Pennsylvania	157	16	25	116	537,175	0.42 %	123
Virginia	111	48	17	46	1,579,909	0.61 %	195
West Virginia	121	6	39	76	615,654	0.44 %	117
Region IV	1,311	268	456	587	20,454,304	0.44 %	3,815
Alabama	111	41	28	42	2,260,715	0.57 %	321
Florida	263	15	112	136	5,835,892	0.22 %	1,577
Georgia	235	55	97	83	3,217,771	0.42 %	627
Kentucky	174	48	38	88	1,131,223	0.54 %	166
Mississippi	117	53	26	38	1,746,844	0.41 %	341
North Carolina	182	20	62	100	1,873,279	0.46 %	323
South Carolina	92	14	29	49	1,928,557	0.68 %	206
Tennessee	137	22	64	51	2,460,023	0.69 %	254

Designated Health Professional Shortage Areas Statistics

Primary Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽³⁾	Practitioners Needed to Remove Designations ⁽⁶⁾
Region V	1,126	190	233	703	11,395,125	0.55 %	1,673
Illinois	225	40	75	110	3,264,455	0.53 %	494
Indiana	127	30	35	62	2,118,245	0.76 %	164
Michigan	365	25	58	282	3,006,918	0.42 %	577
Minnesota	123	29	20	74	445,707	0.46 %	78
Ohio	153	41	17	95	1,411,273	0.55 %	207
Wisconsin	133	25	28	80	1,148,527	0.58 %	153
Region VI	957	239	198	520	9,931,548	0.53 %	1,558
Arkansas	89	14	40	35	503,091	0.50 %	87
Louisiana	139	41	26	72	2,215,039	0.64 %	253
New Mexico	104	29	10	65	1,048,498	0.23 %	261
Oklahoma	183	13	62	108	1,275,119	0.56 %	196
Texas	442	142	60	240	4,889,801	0.53 %	761
Region VII	589	61	187	341	3,124,164	0.27 %	746
Iowa	126	28	29	69	626,490	0.54 %	91
Kansas	151	17	60	74	786,579	0.44 %	142
Missouri	207	8	98	101	1,697,303	0.10 %	509
Nebraska	105	8	0	97	13,792	0.20 %	4
Region VIII	500	161	97	242	2,685,076	0.41 %	525
Colorado	120	24	36	60	1,085,993	0.34 %	260
Montana	117	25	31	61	412,474	0.35 %	85
North Dakota	74	44	1	29	182,572	0.33 %	36
South Dakota	91	35	13	43	236,885	0.41 %	45
Utah	56	14	13	29	589,200	0.60 %	77
Wyoming	42	19	3	20	177,952	0.54 %	22
Region IX	953	202	133	618	12,127,782	0.43 %	2,319
Arizona	191	53	37	101	2,971,289	0.40 %	603
California	635	121	81	433	7,574,394	0.43 %	1,440
Hawaii	27	4	2	21	183,754	0.72 %	14

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Primary Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽³⁾	Practitioners Needed to Remove Designations ⁽⁶⁾
Nevada	81	16	12	53	946,585	0.47 %	170
American Samoa	2	1	0	1	55,009	0.05 %	17
Federated States of Micronesia	8	3	1	4	103,528	0.00 %	34
Guam	2	1	0	1	178,457	0.72 %	16
Marshall Islands	2	1	0	1	50,638	0.00 %	17
Northern Mariana Islands	3	1	0	2	53,366	0.72 %	4
Republic of Palau	2	1	0	1	10,762	0.00 %	4
Region X	471	68	94	309	3,714,866	0.35 %	773
Alaska	84	15	0	69	105,032	0.26 %	24
Idaho	99	14	29	56	489,987	0.49 %	81
Oregon	125	12	33	80	909,657	0.51 %	150
Washington	163	27	32	104	2,210,190	0.25 %	518

Designated Health Professional Shortage Areas Statistics

Table 4. Dental Health Professional Shortage Areas, by State, as of September 30, 2018

Dental Health	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁴⁾	Practitioners Needed to Remove Designations ⁽⁷⁾
HPSA Total	5,732	593	1,755	3,384	56,708,760	0.29 %	10,425
Region I	237	18	52	167	1,275,874	0.35 %	216
Connecticut	37	0	19	18	395,968	0.00 %	101
Maine	74	13	21	40	295,798	0.40 %	40
Massachusetts	59	3	4	52	345,672	0.66 %	34
New Hampshire	24	0	3	21	30,353	0.40 %	5
Rhode Island	14	0	4	10	178,655	0.34 %	34
Vermont	29	2	1	26	29,428	0.53 %	2
Region II	210	6	36	168	2,487,360	0.23 %	515
New Jersey	40	0	0	40	45,705	0.25 %	23
New York	141	2	36	103	2,324,001	0.23 %	473
Puerto Rico	24	1	0	23	13,159	0.16 %	4
U.S. Virgin Islands	5	3	0	2	104,495	0.42 %	15
Region III	436	43	154	239	5,242,803	0.36 %	860
Delaware	10	0	3	7	178,124	0.06 %	50
District of Columbia	11	0	2	9	83,820	0.09 %	20
Maryland	46	10	16	20	927,014	0.19 %	175
Pennsylvania	163	2	56	105	2,021,477	0.46 %	298
Virginia	91	22	37	32	1,294,150	0.43 %	176
West Virginia	115	9	40	66	738,218	0.28 %	141
Region IV	1,126	139	471	516	18,227,893	0.24 %	3,548
Alabama	69	0	43	26	1,820,988	0.20 %	372
Florida	235	2	108	125	5,449,967	0.13 %	1,242
Georgia	195	41	82	72	2,071,643	0.22 %	421
Kentucky	123	14	30	79	620,601	0.49 %	76
Mississippi	110	56	23	31	1,805,889	0.45 %	251
North Carolina	164	3	74	87	2,447,039	0.19 %	511
South Carolina	85	20	18	47	1,656,370	0.40 %	251
Tennessee	145	3	93	49	2,355,396	0.28 %	424

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Dental Health	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁴⁾	Practitioners Needed to Remove Designations ⁽⁷⁾
Region V	994	18	405	571	9,651,796	0.26 %	1,818
Illinois	166	4	78	84	2,384,772	0.41 %	356
Indiana	87	2	40	45	1,125,483	0.30 %	210
Michigan	343	1	115	227	2,454,698	0.05 %	596
Minnesota	124	9	56	59	710,530	0.15 %	152
Ohio	145	2	67	76	1,764,676	0.32 %	300
Wisconsin	129	0	49	80	1,211,637	0.36 %	204
Region VI	739	146	152	441	6,248,835	0.42 %	968
Arkansas	84	8	50	26	648,937	0.36 %	105
Louisiana	118	33	21	64	1,892,833	0.54 %	223
New Mexico	82	21	16	45	891,071	0.21 %	174
Oklahoma	163	6	57	100	890,462	0.34 %	166
Texas	292	78	8	206	1,925,532	0.46 %	300
Region VII	494	41	194	259	2,865,644	0.19 %	571
Iowa	121	8	54	59	535,912	0.35 %	92
Kansas	123	22	54	47	594,586	0.24 %	103
Missouri	173	11	84	78	1,732,104	0.12 %	376
Nebraska	77	0	2	75	3,042	0.60 %	0
Region VIII	371	79	90	202	2,068,508	0.42 %	306
Colorado	98	20	28	50	808,368	0.37 %	137
Montana	93	10	27	56	296,625	0.29 %	54
North Dakota	41	22	0	19	96,632	0.34 %	12
South Dakota	61	18	11	32	143,923	0.27 %	29
Utah	50	5	20	25	673,310	0.59 %	69
Wyoming	28	4	4	20	49,650	0.51 %	5
Region IX	734	68	106	560	4,968,717	0.30 %	952
Arizona	183	38	47	98	2,454,477	0.30 %	455
California	438	14	40	384	1,193,697	0.31 %	251
Hawaii	23	1	2	20	110,229	0.52 %	13

Designated Health Professional Shortage Areas Statistics

Dental Health	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁴⁾	Practitioners Needed to Remove Designations ⁽⁷⁾
Nevada	71	7	16	48	877,695	0.32 %	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	0.05 %	20
Marshall Islands	2	1	0	1	27,797	0.00 %	7
Northern Mariana Islands	3	1	0	2	53,366	0.00 %	11
Republic of Palau	2	1	0	1	10,762	0.00 %	3
Region X	391	35	95	261	3,671,330	0.24 %	671
Alaska	69	13	0	56	115,246	0.31 %	19
Idaho	95	6	36	53	498,559	0.45 %	67
Oregon	105	1	36	68	1,134,788	0.20 %	229
Washington	122	15	23	84	1,922,737	0.20 %	356

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Table 5. Mental Health Care Health Professional Shortage Areas, by State, as of September 30, 2018

Mental Health Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁵⁾	Practitioners Needed to Remove Designations ⁽⁸⁾
HPSA Total	5,035	1,035	428	3,572	110,441,350	0.25 %	6,628
Region I	201	21	11	169	2,176,268	0.28 %	151
Connecticut	34	3	5	26	1,084,864	0.15 %	76
Maine	51	12	0	39	261,782	0.33 %	29
Massachusetts	58	1	5	52	294,816	0.25 %	27
New Hampshire	21	3	0	18	92,634	0.45 %	3
Rhode Island	13	2	1	10	442,172	0.57 %	16
Vermont	24	0	0	24			
Region II	267	14	55	198	5,425,227	0.19 %	378
New Jersey	38	0	0	38	32,755	0.71 %	4
New York	182	10	44	128	3,836,012	0.15 %	276
Puerto Rico	42	1	11	30	1,451,959	0.13 %	89
U.S. Virgin Islands	5	3	0	2	104,501	0.60 %	9
Region III	400	59	58	283	6,163,036	0.29 %	486
Delaware	15	0	1	14	94,481	0.06 %	18
District of Columbia	10	1	0	9	133,945	0.05 %	28
Maryland	54	9	13	32	1,356,453	0.28 %	88
Pennsylvania	122	23	1	98	1,660,052	0.35 %	103
Virginia	82	17	8	57	2,198,881	0.39 %	119
West Virginia	117	9	35	73	719,224	0.16 %	130
Region IV	792	129	137	526	26,927,453	0.23 %	1,860
Alabama	54	14	7	33	2,929,127	0.24 %	158
Florida	179	17	41	121	6,280,224	0.16 %	404
Georgia	99	18	8	73	4,834,543	0.38 %	199
Kentucky	106	23	5	78	2,160,036	0.29 %	120
Mississippi	47	13	0	34	2,381,982	0.24 %	366
North Carolina	167	24	51	92	2,522,692	0.13 %	149
South Carolina	69	10	11	48	2,418,422	0.37 %	108
Tennessee	71	10	14	47	3,400,427	0.11 %	356

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Mental Health Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁵⁾	Practitioners Needed to Remove Designations ⁽⁸⁾
Region V	792	178	26	588	19,062,897	0.26 %	1,024
Illinois	123	32	4	87	4,871,763	0.25 %	216
Indiana	76	22	0	54	3,738,068	0.34 %	159
Michigan	278	48	13	217	4,132,859	0.23 %	212
Minnesota	67	9	0	58	2,000,050	0.33 %	79
Ohio	114	19	7	88	2,235,622	0.30 %	111
Wisconsin	134	48	2	84	2,084,535	0.19 %	247
Region VI	781	277	41	463	17,325,173	0.30 %	888
Arkansas	47	5	10	32	1,266,192	0.31 %	65
Louisiana	126	51	11	64	3,143,641	0.21 %	162
New Mexico	71	16	2	53	1,251,275	0.12 %	75
Oklahoma	118	4	9	105	1,556,744	0.20 %	95
Texas	419	201	9	209	10,107,321	0.35 %	491
Region VII	333	42	22	269	5,985,690	0.24 %	305
Iowa	72	15	0	57	1,610,233	0.39 %	53
Kansas	70	19	2	49	1,387,508	0.31 %	55
Missouri	110	3	20	87	1,948,955	0.07 %	171
Nebraska	81	5	0	76	1,038,994	0.50 %	26
Region VIII	340	91	17	232	7,742,007	0.32 %	384
Colorado	92	11	8	73	2,665,379	0.29 %	131
Montana	82	21	7	54	602,361	0.13 %	71
North Dakota	51	26	0	25	291,463	0.18 %	20
South Dakota	51	14	1	36	456,245	0.11 %	43
Utah	40	14	1	25	3,165,372	0.50 %	94
Wyoming	24	5	0	19	561,187	0.31 %	25
Region IX	767	151	47	569	13,742,861	0.24 %	838
Arizona	176	64	15	97	2,968,874	0.07 %	235
California	485	64	29	392	7,678,250	0.30 %	419
Hawaii	28	5	2	21	191,566	0.17 %	9

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Mental Health Care	Total Designations ⁽¹⁾	Geographic Area	Population Group	Facility	Population of Designated HPSAs	Percent of Need Met ⁽⁵⁾	Practitioners Needed to Remove Designations ⁽⁸⁾
Nevada	58	8	1	49	2,445,591	0.29 %	146
American Samoa	2	1	0	1	55,009	0.00 %	12
Federated States of Micronesia	8	4	0	4	107,020	0.00 %	6
Guam	2	1	0	1	159,358	0.58 %	3
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
Region X	362	73	14	275	5,890,738	0.16 %	314
Alaska	75	18	0	57	276,716	0.20 %	10
Idaho	62	6	1	55	1,276,767	0.21 %	57
Oregon	93	14	7	72	1,498,333	0.23 %	81
Washington	132	35	6	91	2,838,922	0.10 %	166

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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.
- (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.

Designated Health Professional Shortage Areas Statistics

Endnotes

- (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.
- (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.