

2017 Hawai'i Nursing Workforce Supply Survey Special Report Employment of Hawai'i's APRNs in Underserved and Shortage Areas

Table 1a. APRNs Employed in HRSA-Defined Primary Care Provider Shortage Areas

	Primary Employer County				
	Total	Honolulu	Hawai'i	Maui	Kaua'i
All APRNs					
Employed in Shortage Area	15.4%	0.0%	100.0%	25.0%	0.0%
Employed Outside Shortage Area	84.6%	100.0%	0.0%	75.0%	100.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
NPs					
Employed in Shortage Area	15.5%	0.0%	100.0%	21.2%	0.0%
Employed Outside Shortage Area	84.5%	100.0%	0.0%	78.8%	100.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

Note. Nurses who completed the 2017 Nursing Workforce Supply Survey reported their primary employment location by zip code. The Health Resources & Services Administration (HRSA) does not define shortage areas or medically underserved areas/populations by zip code. Percentages presented in Tables 1 and 2 are based on approximate correspondence between employment zip codes and HRSA-defined shortage areas and underserved areas/populations. HRSA's shortage areas can be viewed using their mapping tool located at <https://datawarehouse.hrsa.gov/tools/maptool.aspx>.

The following employment zip codes were classified as primary care provider shortage areas: City & County of Honolulu: 96717 (Hau'ula), 96730 (Ka'a'awa), 96731 (Kahuku), 96762 (Lā'ie); Hawai'i County: All zip codes; Maui County: 96742 (Kalaupapa), 96748 (Kaunakakai), 96757 (Kualapu'u), 96753 (Kihei/Wailea), 96761 (Lahaina), 96708 (Haiku), 96713 (Hāna), 96790 (Kula); Kaua'i County: None.

Table 1b. Primary Practice Specialty among APRNs Employed in Primary Care Provider Shortage Areas

	All APRNs	NPs
% Not Employed in Primary Care-Related Specialties	42.5%	37.5%
% Employed in Primary Care-Related Specialties	57.5%	62.5%
Total	100.0%	100.0%
Distribution of Primary Care-Related Specialties		
<i>% Employed in Adult Health</i>	9.5%	11.4%
<i>% Employed in Community Health</i>	2.4%	2.9%
<i>% Employed in Family Health</i>	42.9%	45.7%
<i>% Employed in Gerontology</i>	7.1%	5.7%
<i>% Employed in Mental Health</i>	14.3%	11.4%
<i>% Employed in Pediatrics</i>	14.3%	17.1%
<i>% Employed in Women's Health</i>	9.5%	5.7%
Total	100.0%	100.0%

Table 2a. APRNs Employed in HRSA-Defined Medically Underserved Areas/Populations

	Primary Employer County				
	Total	Honolulu	Hawai'i	Maui	Kaua'i
All APRNs					
Employed in MUA/MUP	29.7%	4.8%	100.0%	100.0%	100.0%
Employed Outside MUA/MUP	70.3%	95.2%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
NPs					
Employed in MUA/MUP	32.6%	6.5%	100.0%	100.0%	100.0%
Employed Outside MUA/MUP	67.4%	93.5%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

Note. The following employment zip codes were classified as underserved areas/populations: City & County of Honolulu: 96717 (Hau'ula), 96730 (Ka'a'awa), 96731 (Kahuku), 96762 (Lā'ie), 96792 (Wai'anae), 96795 (Waimānalo); Hawai'i, Maui, and Kaua'i Counties: All zip codes.

Table 2b. Primary Practice Specialty among APRNs Employed in Medically Underserved Areas/Populations

	All APRNs	NPs
% Not Employed in Primary Care-Related Specialties	36.2%	30.5%
% Employed in Primary Care-Related Specialties	63.8%	69.5%
Total	100.0%	100.0%
Distribution of Primary Care-Related Specialties		
<i>% Employed in Adult Health</i>	15.6%	17.1%
<i>% Employed in Community Health</i>	1.1%	1.2%
<i>% Employed in Family Health</i>	38.9%	40.2%
<i>% Employed in Gerontology</i>	8.9%	8.5%
<i>% Employed in Mental Health</i>	12.2%	9.8%
<i>% Employed in Pediatrics</i>	8.9%	9.8%
<i>% Employed in Women's Health</i>	14.4%	13.4%
Total	100.0%	100.0%

Table 3a. APRNs Employed in OMB-Defined Rural vs. Urban Counties

	All APRNs	NPs
Employed in Urban Counties	75.2%	73.4%
Employed in Rural Counties	24.8%	26.6%
<i>% of Rural-Employed RNs Working in Hawai'i Co.</i>	50.8%	48.5%
<i>% of Rural-Employed RNs Working in Maui Co.</i>	32.3%	32.7%
<i>% of Rural-Employed RNs Working in Kaua'i Co.</i>	16.9%	18.8%
Total	100.0%	100.0%

Note. U.S. Census Bureau defines rurality by census place or census area which do not have direct correspondence to zip codes. Counties are the smallest unit of geography available in the Nursing Workforce Supply Survey data for which a definition of "rural" is available. The Office of Management and Budget defines counties as metropolitan or non-metropolitan (i.e., rural). All counties except the City & County of Honolulu are classified by OMB as non-metropolitan. Maps from the Economic Research Service providing various definitions of rurality for Hawai'i are available at https://www.ers.usda.gov/webdocs/DataFiles/53180/25566_HI.pdf?v=39329.

Table 3b. Primary Practice Specialty among APRNs Employed in Rural Counties

	All APRNs	NPs
% Not Employed in Primary Care-Related Specialties	39.5%	33.7%
% Employed in Primary Care-Related Specialties	60.5%	66.3%
Total	100.0%	100.0%
Distribution of Primary Care-Related Specialties		
<i>% Employed in Adult Health</i>	14.7%	16.4%
<i>% Employed in Community Health</i>	1.3%	1.5%
<i>% Employed in Family Health</i>	38.7%	40.3%
<i>% Employed in Gerontology</i>	10.7%	10.4%
<i>% Employed in Mental Health</i>	12.0%	9.0%
<i>% Employed in Pediatrics</i>	9.3%	10.4%
<i>% Employed in Women's Health</i>	13.3%	11.9%
<i>Total</i>	<i>100.0%</i>	<i>100.0%</i>

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