

GRADUATE MEDICAL EDUCATION TRENDS IN NORTHERN NEVADA – 2019

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Graduate Medical Education Trends in Northern Nevada – 2019

Graduate Medical Education Trends in Northern Nevada – 2019 contains current information about physicians (MDs and DOs) who have completed residency and fellowship programs in northern Nevada. This research brief utilizes data from an annual survey of physicians completing graduate medical education (GME) in northern Nevada over the past decade. The survey has been undertaken by the Office of Statewide Initiatives (OSI) at the University of Nevada, Reno School of Medicine since 2004. The OSI survey data contained in this report is supplemented with licensure data from the Nevada State Board of Medical Examiners and the Nevada State Board of Osteopathic Medicine.

**Figure 1: Post-GME Employment, Training, and Location Plans of Physicians
Completing GME in Northern Nevada – 2019**

	Beginning Clinical Practice	Continuing Training	Total
Remaining in Nevada	17 (34.7%)	6 (12.2%)	23 (46.9%)
Leaving Nevada	22 (45.0%)	4 (8.1%)	26 (53.1%)
Total	39 (79.7%)	10 (20.3%)	49 (100.0%)

Figure 1 highlights the post-GME plans of the 49 physicians who graduated from GME programs in northern Nevada in 2019. In 2019, 46.9% of physicians completing GME training report that they will remain in Nevada upon graduation, as compared to a majority of graduates (53.1%) who intend to relocate to another state.

A key finding of this report is that 4 of the 10 physicians pursuing additional training (40.0%) are leaving the state for fellowship and subspecialty training that does not exist or is in short supply in Nevada. This finding suggests that the development of fellowship programs in Nevada holds the potential for increasing the number and percent of GME graduates who ultimately remain in Nevada to begin practice. Finally, 23 physicians or 46.9% of GME graduates from northern Nevada in 2019 will begin clinical practice or continue training in Nevada.

Figure 2 presents the post-residency plans of 323 physicians completing GME in Nevada from 2010 to 2019. Over the past decade, 45.8% of physicians completing GME training in northern Nevada report that they will remain in Nevada upon graduation, as compared to a majority of graduates (54.2%) who intend to relocate to another state. Nevada retained 148 physicians over the past ten years from GME programs in northern Nevada.

Figure 2: Post-GME Employment, Training, and Location Plans of Physicians Completing GME in Northern Nevada – 2010 to 2019

	Beginning Clinical Practice	Continuing Training	Total
Remaining in Nevada	125 (38.7%)	23 (7.1%)	148 (45.8%)
Leaving Nevada	134 (41.5%)	41 (12.7%)	175 (54.2%)
Total	259 (80.2%)	64 (19.8%)	323 (100.0%)

Figure 3 shows that over the past decade, the number of GME graduates in northern Nevada has increased by 96.0% from 25 graduates in 2010 to 49 graduates in 2019. Additionally, the proportion of northern Nevada GME graduates who have remained in Nevada upon graduation has varied from year to year. For example, 59.4% were retained in 2015 as compared to 33.3% in 2018 with the most recent retention rate of 46.9% in 2019. These trend data highlight the substantial proportion of GME graduates leaving the state for additional fellowship training that does not exist in Nevada.

Figure 3: Annual Post-GME Employment, Training, and Location Plans of Physicians Completing GME in Northern Nevada – 2010 to 2019

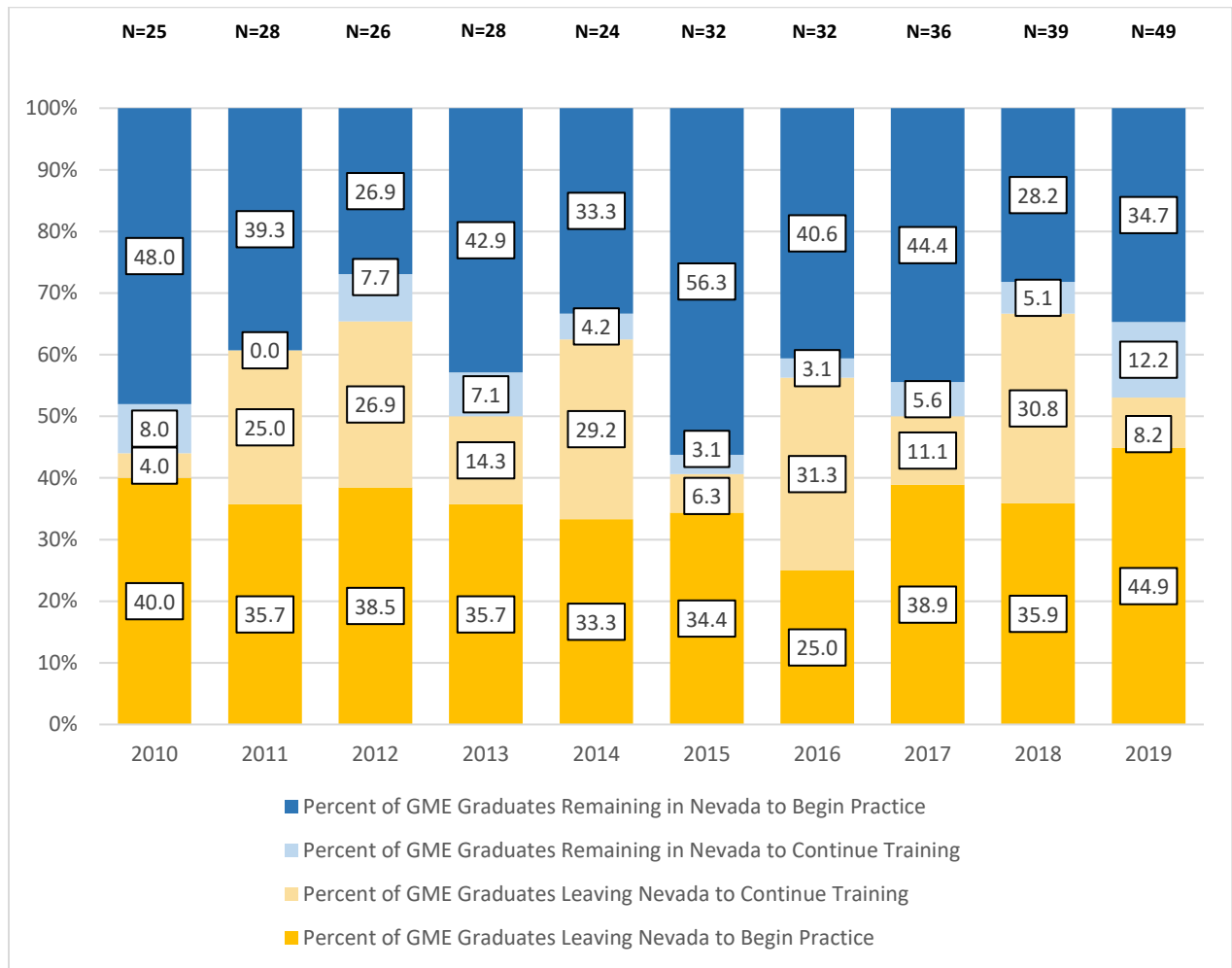


Figure 4 presents data on the post-residency plans of physicians completing primary care residency programs – Family Medicine, Internal Medicine, and Pediatrics – in northern Nevada from 2010 to 2019. Over the past decade, the number of primary care GME graduates in northern Nevada has increased by 164.3% from 14 graduates in 2010 to 37 graduates in 2019. With the increase in physician enrollment in GME programs in northern Nevada, the number of physicians retained increased 99.6% over the same period from 8 primary care physicians in 2010 to 16 primary care physicians in 2019.

Figure 4 highlights over the past decade, primary care retention rates have exceeded 50% in four of the past five years. In 2019, 43.2% of physicians completing primary care GME programs report that they will remain in Nevada upon graduation, as compared to 56.7% of primary care GME graduates who plan to relocate to another state to begin practice or pursue additional fellowship training.

Figure 4: Annual Post-GME Employment, Training, and Location Plans of Physicians Completing Primary Care Residency Programs in Northern Nevada – 2010 to 2019

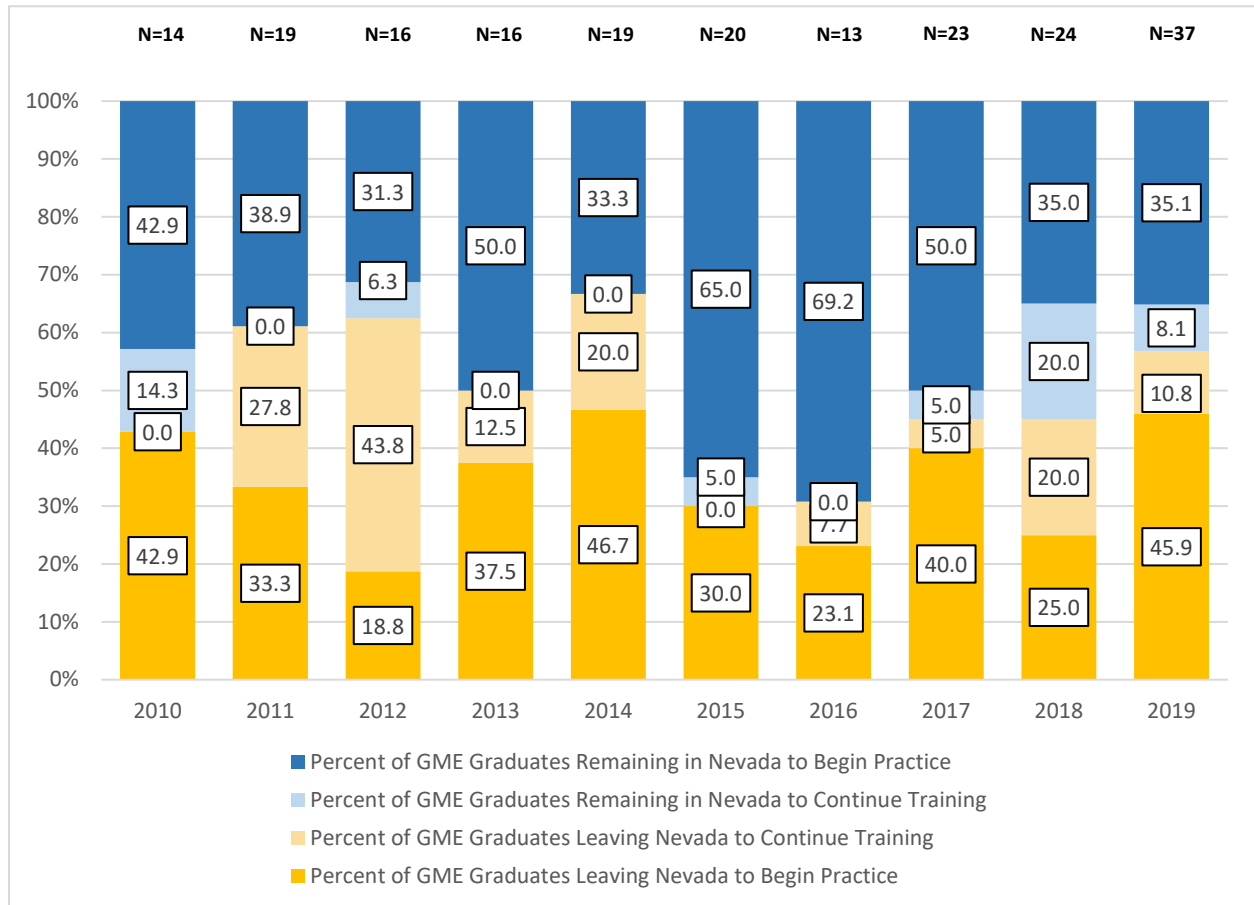


Figure 5 summarizes the average level of debt of all physicians completing GME in northern Nevada over the past five years. In 2019, the average debt was \$183,500. Excluding physicians with no level of debt (40.0% of graduates), the remaining physicians are carrying some level of debt averaging \$306,500. The level of debt for those reporting any debt has exceeded \$250,000 for the past five years.

Figure 5: Educational Debt of Physicians Completing GME Programs in Northern Nevada – 2015 to 2019 (Thousands of Dollars)

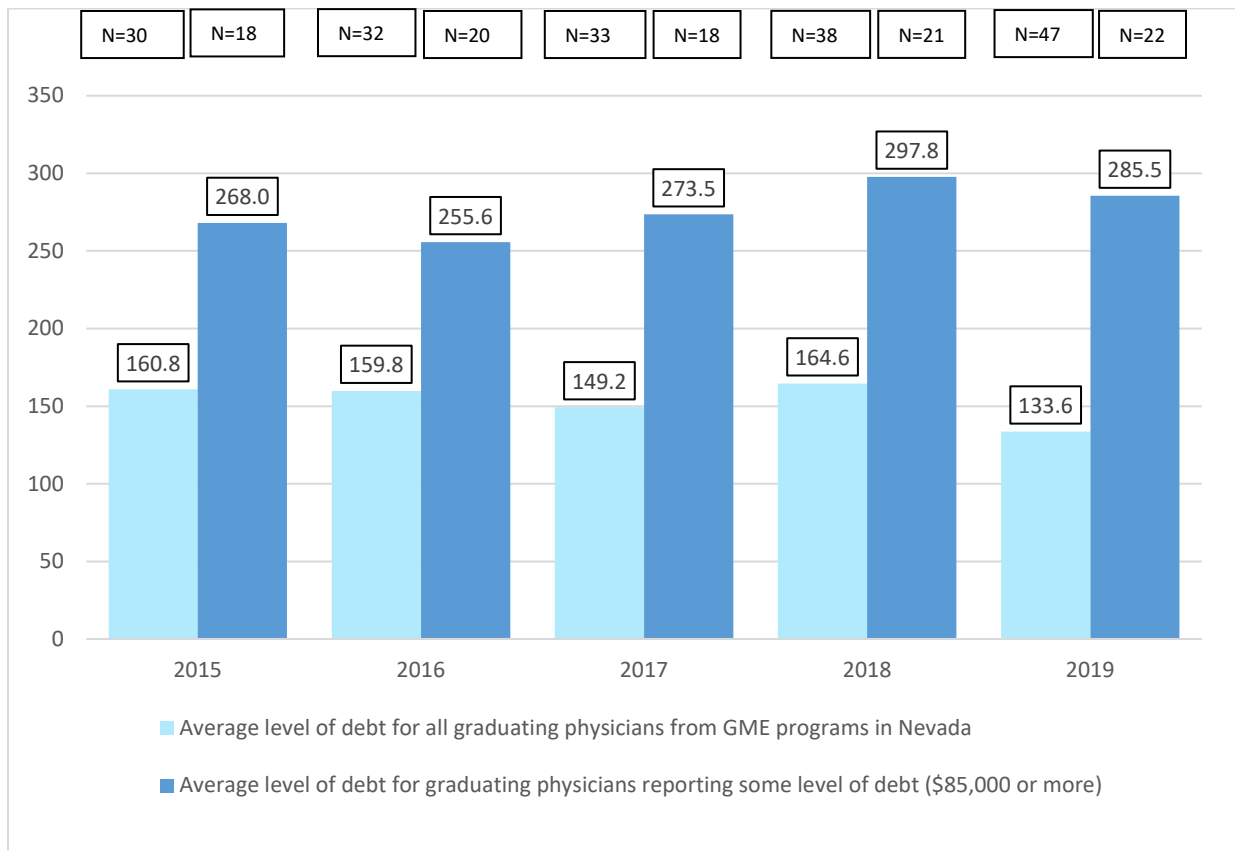


Figure 6 provides a profile of physicians in 2019 completing GME programs in northern Nevada. Data show that fewer of the physicians have debt (46.8%) and one in seven are from Nevada. Unique to international medical school graduates is the MBBS degree (33.3%) in addition to the MD (58.3%) and DO (8.3%) medical degree. US/American medical school graduates are either MDs or DOs as there are no international schools of osteopathy. There are more male physicians than female physicians. Interestingly, there appears a relationship between physicians with no debt (53.2%) and international medical school graduates (56.3%).

Figure 6: Profile of Physicians Completing GME Programs in Northern Nevada – 2019

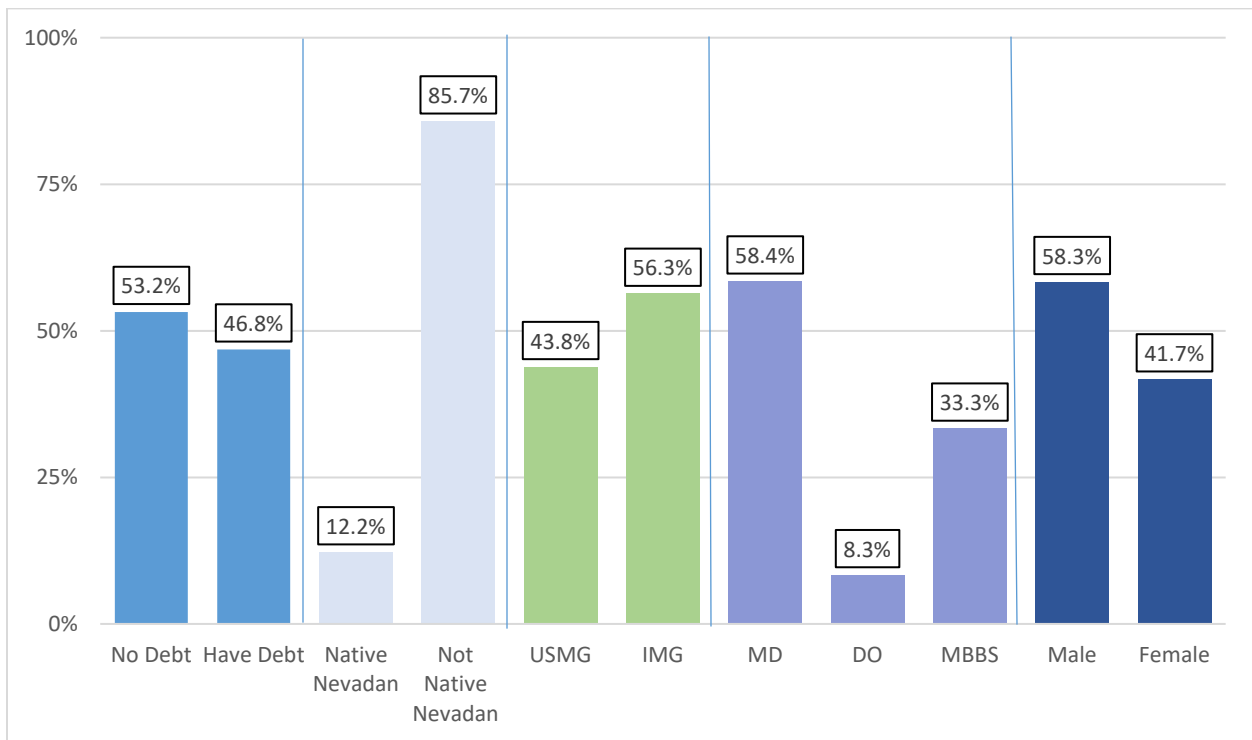
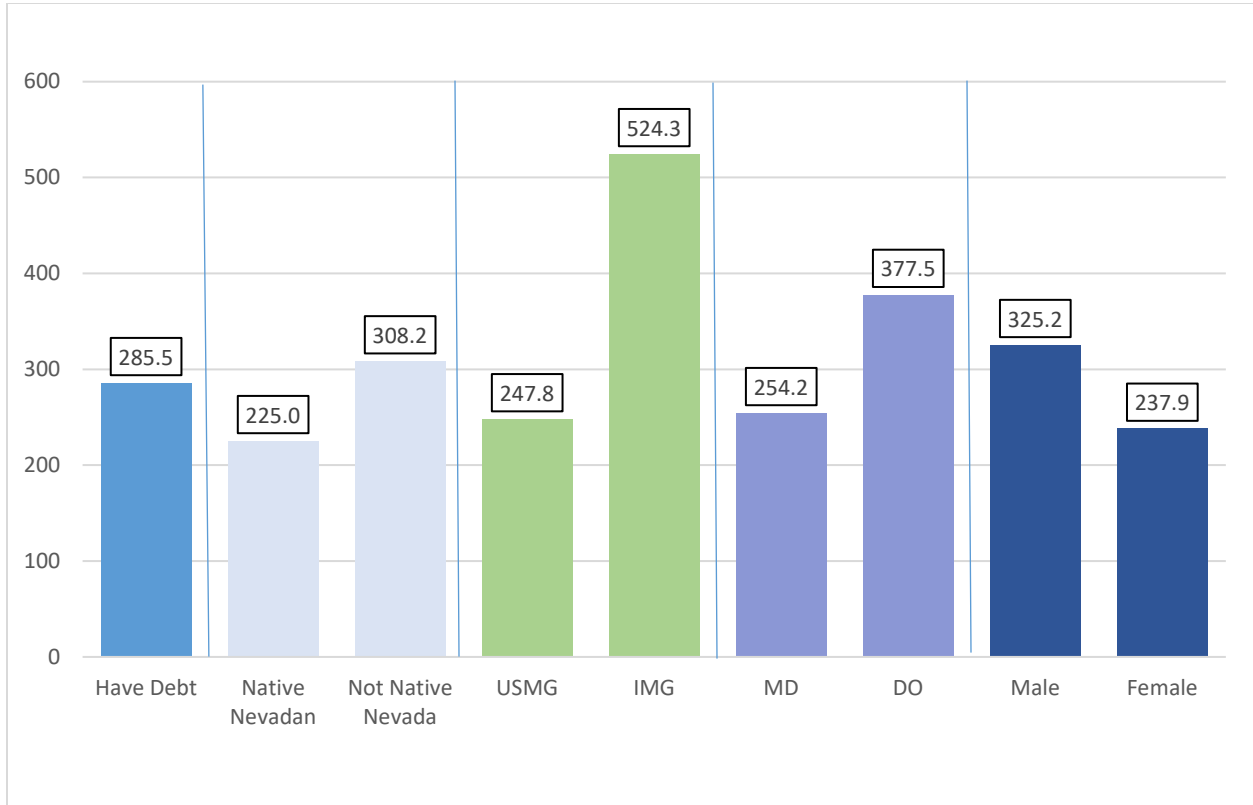


Figure 7 shows variation in debt among graduating physicians reporting some level of debt in northern Nevada. On average, there are higher levels of debt for international medical school graduates, osteopathic physicians and male physicians. The high international medical school graduates' debt is due to a small sample size.

Figure 7: Average Debt of Physicians with Debt Completing GME Programs in Northern Nevada – 2019 (Thousands of Dollars)



For additional information about the physician workforce in Nevada and the health work force in Nevada, please visit the Nevada Health Workforce Research Center at

<https://med.unr.edu/statewide/nhwrc>



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