

# Overview of the Health Workforce Supply in Nevada

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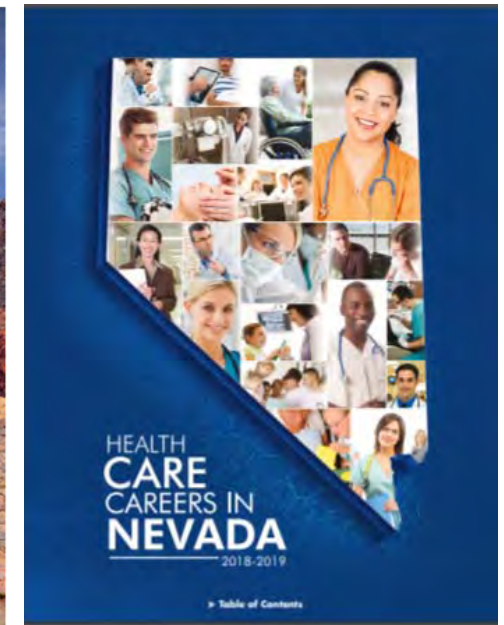
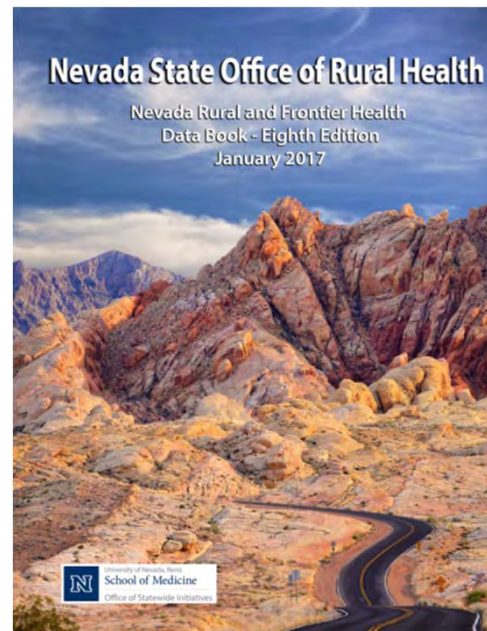
## Health Workforce Research Undertaken by the UNR Med Office of Statewide Initiatives

- *Federally-supported Research and Policy Analysis*
  - Applied health services research and Flex-supported data collection and analysis for Nevada's rural hospitals and communities
- *Health Workforce Research and Policy Program*
  - Data collection and analysis on health workforce supply and demand in Nevada

# Current data from the *Nevada Instant Atlas, Health Care Careers in Nevada, and the Nevada Rural and Frontier Health Data Book – Eighth Edition*

## NEVADA INSTANT ATLAS

Nevada's County-Level Health Database

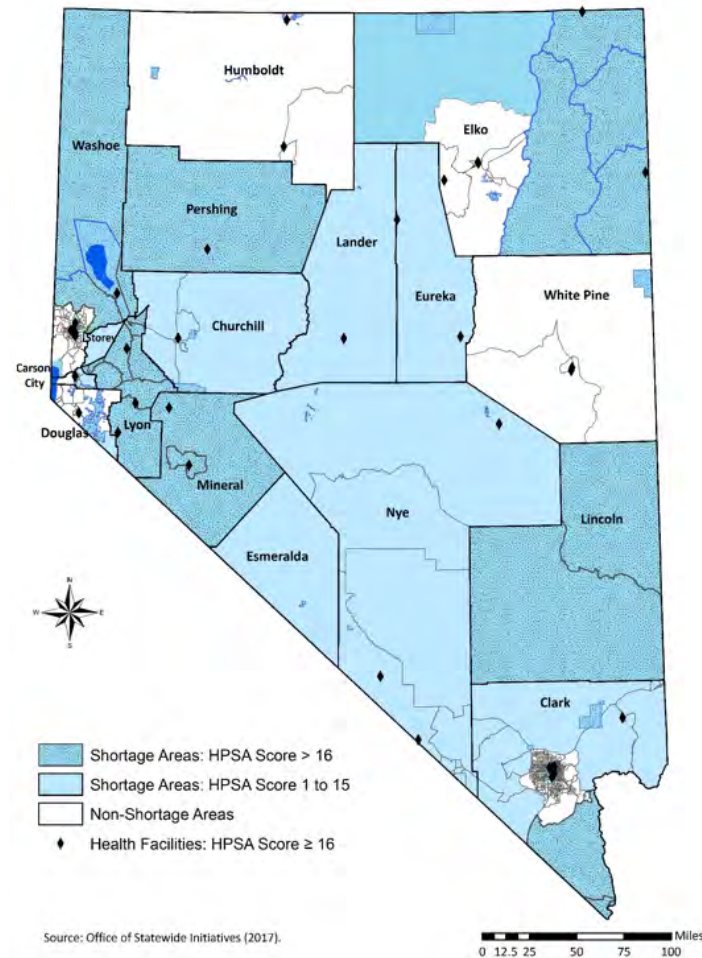


<https://med.unr.edu/statewide/instant-atlas>

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

# Primary Care Health Professional Shortage Areas (HPSAs)

- 985,416 Nevadans reside in a primary care HPSA (34.1%)
- 781,031 urban residents in Nevada (31.2% of urban residents) live in a primary care HPSA, including 584,434 residents of Clark County
- 204,385 rural residents (53.3% of rural residents) live in a primary care HPSA
- 9 single-county primary care HPSAs



# Physician and Primary Care Workforce in Nevada – 2016

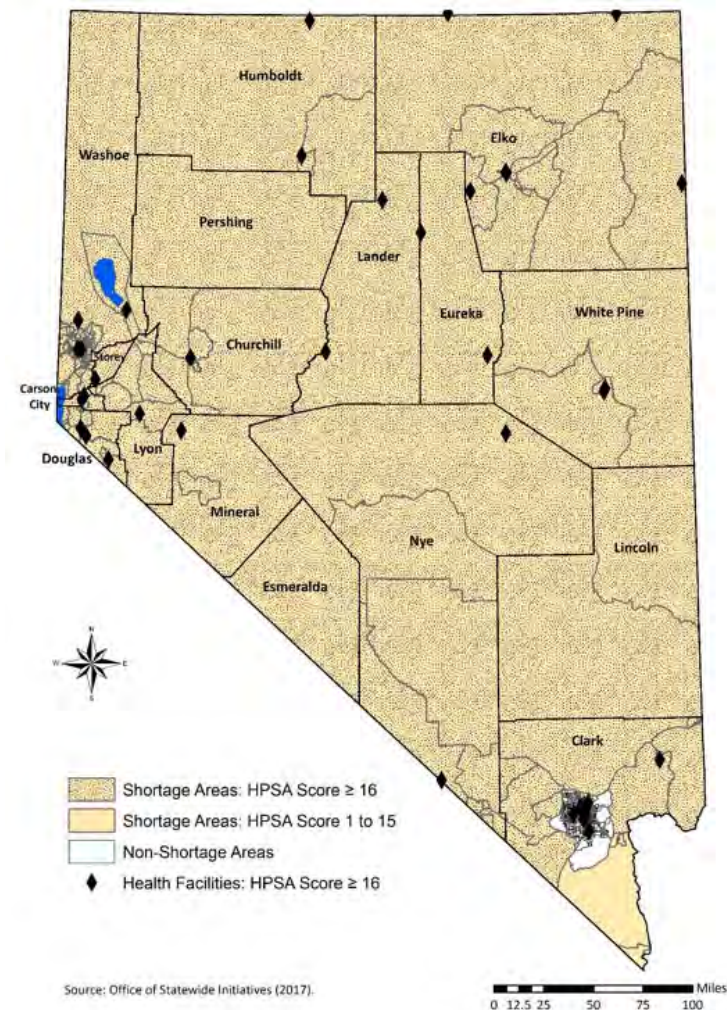
Profession	Number per 100,000 Population		
	Rural & Frontier	Urban	Nevada
Allopathic Physicians (MD)	70.5	188.6	176.8
Osteopathic Physicians (DO)	15.9	24.2	23.4
Primary Care Physicians (MD & DO)	36.1	74.5	70.6
Adv Practitioners of Nursing (APN)	25.0	42.8	41.0
Physician Assistants (PA)	23.6	25.6	28.6

Source: Office of Statewide Initiatives, University of Nevada, Reno School of Medicine. *Nevada Instant Atlas*  
<https://med.unr.edu/statewide/instant-atlas>.



# Mental Health Professional Shortage Areas (HPSAs)

- 1.5 million Nevadans reside in a mental HPSA (53.3%)
- 1.3 million urban residents in Nevada (43.5% of urban residents) live in a mental HPSA, including 759,156 residents of Clark County
- 286,251 rural residents (100.0% of rural residents) live in a mental HPSA
- 16 single-county mental HPSAs



Source: Office of Statewide Initiatives, University of Nevada, Reno School of Medicine. *Nevada Instant Atlas*  
<https://med.unr.edu/statewide/instant-atlas>.

# Mental and Behavioral Health Workforce in Nevada – 2008 to 2016

Profession	Number		Change – 2008 to 2016	
	2008	2016	Number	Per Capita
Alcohol, Drug, & Gambling Counselors	1,233	1,224	-9	-3.2
Clinical Professional Counselors	28	99	71	2.4
Licensed Clinical Social Workers (LCSW)	543	698	155	4.0
Marriage & Family Therapists	635	734	99	1.2
Psychiatrists	152	190	38	0.8
Psychologists	311	390	79	2.0

Source: Office of Statewide Initiatives, University of Nevada, Reno School of Medicine. *Nevada Instant Atlas*  
<https://med.unr.edu/statewide/instant-atlas>.

# Mental and Behavioral Health Workforce in Nevada – 2016

Profession	Number per 100,000 Population		
	Rural & Frontier	Urban	Nevada
Alcohol, Drug, & Gambling Counselors	48.8	41.5	42.1
Clinical Professional Counselors	3.5	3.4	3.4
Licensed Clinical Social Workers (LCSW)	14.3	25.1	24.0
Marriage & Family Therapists	16.4	26.3	25.2
Psychiatrists	0.1	7.1	6.8
Psychologists	4.2	14.5	13.4

Source: Office of Statewide Initiatives, University of Nevada, Reno School of Medicine. *Nevada Instant Atlas*  
<https://med.unr.edu/statewide/instant-atlas>.



# Policy Levers to Improve Health Workforce Supply in Nevada

- Expand higher education programs, capacity, and budget, esp. NSHE, WICHE
- Associated K-12 pipeline programs, work of AHECs
- Health professions licensing and regulation, e.g., scope of practice for APRNs and PAs
- Expand state and federal scholarship and student loan repayment programs, esp. NHSC
- Increase state and federal support for GME, targeted residency and fellowship program development

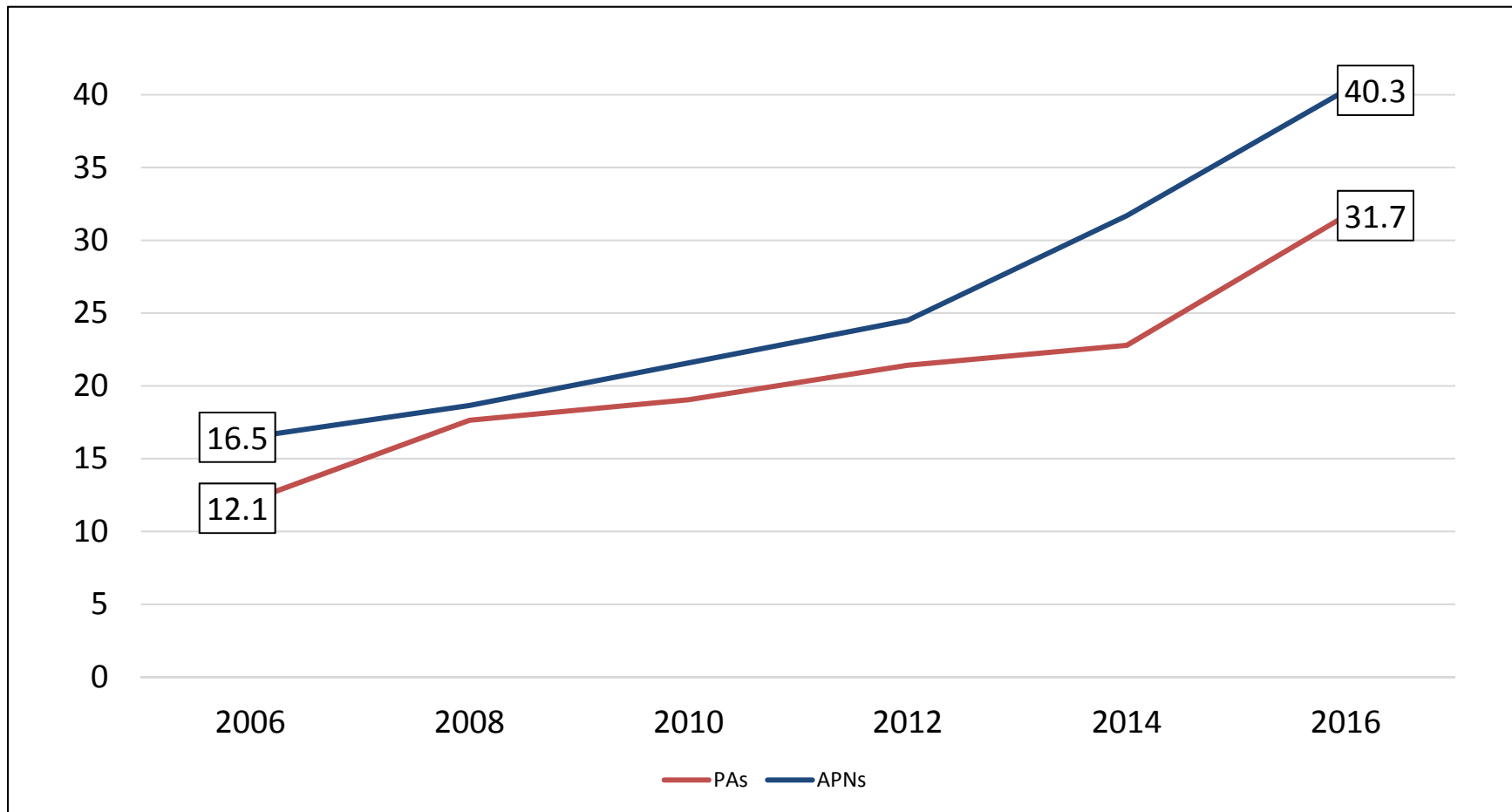
# Number of Health Care Education Graduates in Nevada – 2010 to 2015

Occupation Degree	AY 09-10	AY 10-11	AY 11-12	AY 12-13	AY 13-14	AY 14-15	AY 15-16	Number	Percent
Doctor's Programs – Allopathic (MD)	55	55	56	60	55	70	65	10	18.2
Doctor's Programs – Osteopathic (DO)	120	115	125	128	135	129	124	4	3.3
Doctor's Programs – Dentistry	78	74	82	74	73	139	143	65	83.3
Doctor's Programs – Pharmacy	193	204	227	226	233	260	239	46	23.8
Doctor's Programs – Physical Therapy	25	30	53	65	68	64	35	10	40.0
Doctor's Programs – Psychology	20	20	24	28	33	29	22	2	10.0
Master's Programs – Advanced Practice RN	61	24	39	16	22	26	23	-38	-62.5
Master's Programs – Marriage and Family Therapists	4	55	76	30	26	47	15	11	275.0
Master's Programs – Mental Health Counseling					19	1	2	-17	-89.5
Master's Programs – Physician Assistant	52	54	53	53	53	57	58	6	11.5
Master's Programs – Public Health	40	48	51	40	46	43	38	-2	-4.7
Master's Programs – Social Work	89	91	77	85	88	98	115	26	29.2
Bachelor's Programs – Nursing	456	433	511	534	482	523	637	181	39.7
Bachelor's Programs – Dental Hygiene	6	20	14	11	13	23	11	5	83.3
Associate's Programs – Nursing	160	185	184	195	212	175	179	19	11.9
Associate's Programs – Dental Hygiene	21	28	10	21	14	15	12	-9	-42.9

Source: Office of Statewide Initiative analysis of Integrated Postsecondary Data System (2018).

<https://nces.ed.gov/ipeds/use-the-data>

# Licensed Advanced Practitioners of Nursing (APNs) and Physician Assistants (PAs) per 100,000 Population in Nevada – 2006 to 2016



Source: Office of Statewide Initiatives, University of Nevada, Reno School of Medicine. *Nevada Instant Atlas*  
<https://med.unr.edu/statewide/instant-atlas>.

# What It Takes to be Average

Licensed Health Professional	Nevada Rank	U.S. per Capita	Nevada per Capita	Difference	Projected Shortage
Patient Care Physicians (MD and DO)	48	296.3	204.6	91.7	2,650
Primary Care Physicians (MD and DO)	50	121.7	88.0	33.7	974
Advanced Practice RNs	51	76.1	39.6	36.5	1,054
Physician Assistants	38	34.0	26.0	8.0	231
Registered Nurses	48	854.3	673.5	180.5	5,225
Dentists	32	65.6	59.1	6.5	188
Psychiatrists (MD and DO)	47	10.9	6.7	4.2	121
Psychologists	38	61.9	38.4	23.5	679
Pharmacists	51	88.9	67.3	21.6	624
Physical Therapy	45	65.2	43.6	22.6	653
Mental Health Counselors	45	67.0	38.7	28.3	818
Social Workers (Healthcare)	51	48.4	17.0	31.4	907

Source: Office of Statewide Initiative analysis of Area Health Resource File HRSA (2018).  
<https://datawarehouse.hrsa.gov/topics/ahrf.aspx>

# Contact Information

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