

Health Care Issues in Nevada

Primary Care Shortages and Expanded Insurance Coverage

John Packham, PhD

Director of Health Policy Research

Office of Statewide Initiatives

University of Nevada School of Medicine

April 28, 2014



University of Nevada
School of Medicine

Forces Driving Health Workforce Demand

- Demographic change
- The economy
- ACA, health insurance coverage expansions
- Population health
- Health care system change
- Science and technological change
- State and federal policy

Tsunami of Demand for Health Care (and Health Care Professionals) in Nevada

- Projected insurance coverage expansion by 2020
 - Medicaid & Nevada Checkup: + 197,000
 - Silver State Health Insurance Exchange: + 141,000
 - Employer-Sponsored Plans & Medicare: + 256,000
- Associated increase in health workforce demand – especially, primary care physicians and providers

Insurance Coverage Expansions Since October 1, 2013 – US

- Sub 26ers: 1.6 to 3.1 million
- Medicaid/CHIP: 5.2 to 7.3 million
- Private QHP Enrollment: 7.2 to 9.8 million
- **Grand Total: 14.0 to 20.3 million (as of 4/15/14)** of 45-50 million Pre-ACA uninsured
- Up to 13.9 million more have possible gained coverage off the exchanges or through employers

Source: www.ACASignups.net

Insurance Coverage Expansions Since October 1, 2013 – Nevada

- Sub 26ers: 33,000
- Medicaid/CHIP: 63,000
- Medicaid “Woodwork”: 25,000
- Private QHP Enrollment: 32,000
- **Grand Total: 125,000 to 150,000 (as of 4/15/14)** of 600,000 Pre-ACA uninsured in Nevada
- Footnote: Covered California reported enrollment of 1.2 million and Medi-Cal reported enrollment of 1.9 million through 3/31/14



"Is there a doctor who accepts Medicaid in the house?"

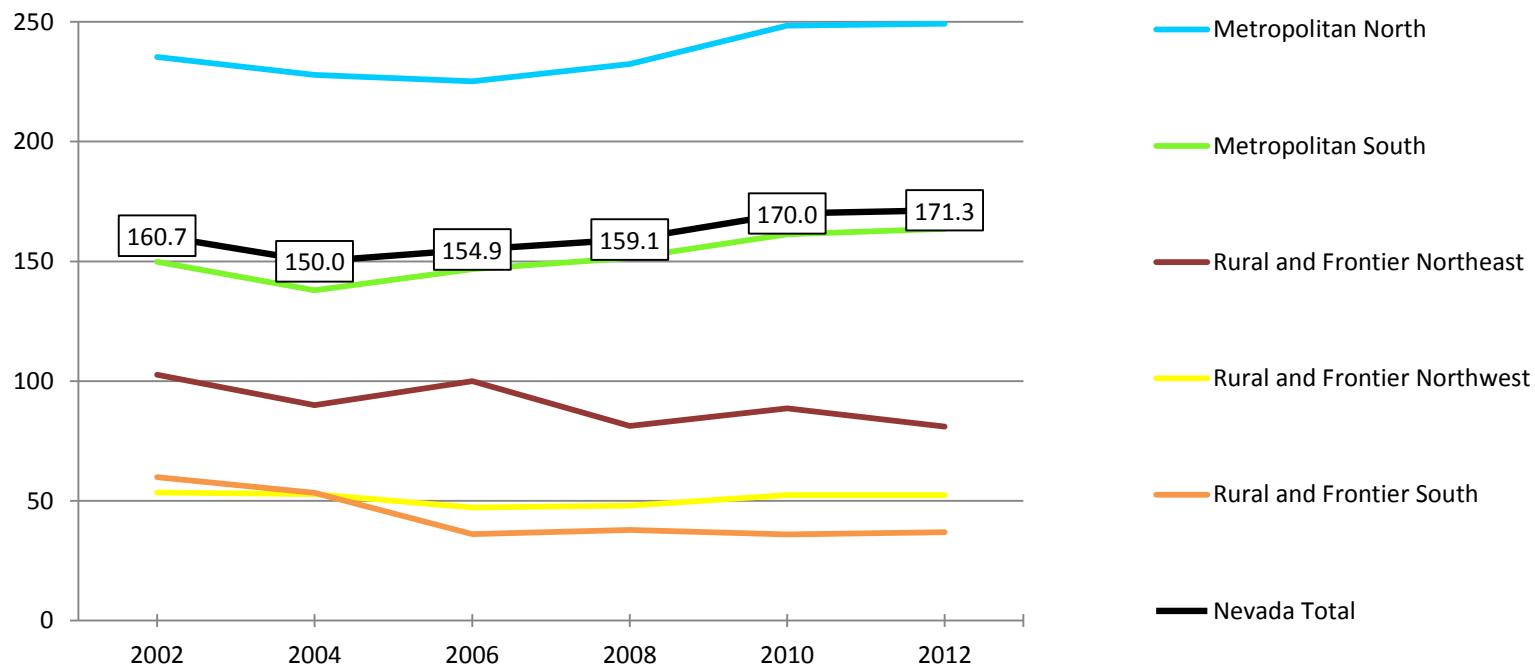
Forces Affecting Health Workforce Supply

- Higher education programs and capacity
- K-12 education pipeline
- Health professions licensing and regulation
- State policy and budget – esp. funding for higher education health education programs and undergraduate medical education (UME)
- Federal policy – esp. support for health workforce education/training and graduate medical education (GME)

Health Workforce Supply in Nevada

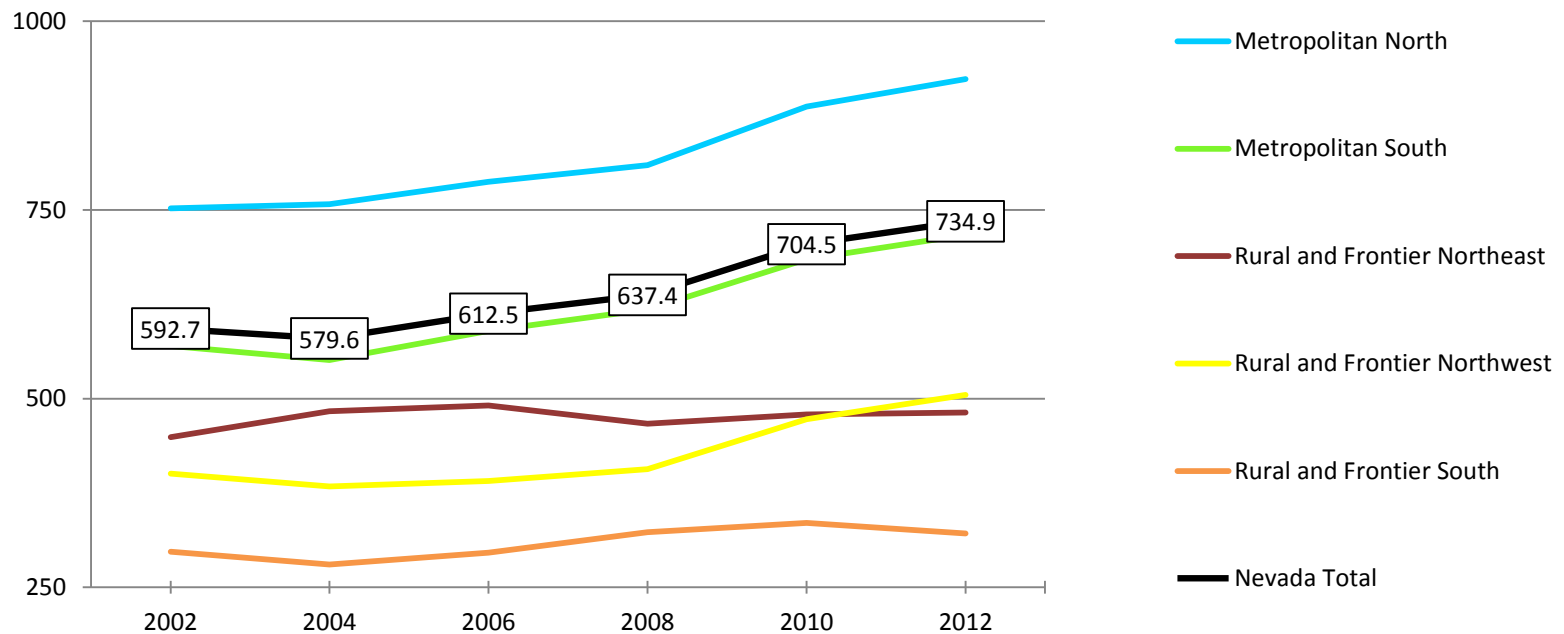
- Steady growth in the number of licensed health professionals
- “Treading water” in the number of licensed health professionals per capita
- Persistent specialty shortages and geographic maldistribution of physicians and most other health professionals
- Severe health workforce shortages compounded by an aging health workforce, ensuing ACA-related demand, and an improving economy

Number of Licensed Allopathic Physicians (MDs) per 100,000 Population in Nevada – 2002 to 2012



Source: Nevada State Board of Medical Examiners (2002, 2004, 2006, 2008, 2010, 2012), Nevada State Demographer's Office (2002, 2004, 2006, 2008, 2010, 2012).

Number of Licensed Registered Nurses (RNs) per 100,000 Population in Nevada – 2002 to 2012



Source: Nevada State Board of Nursing (2002, 2004, 2006, 2008, 2010, 2012), Nevada State Demographer's Office (2002, 2004, 2006, 2008, 2010, 2012).

Physician Workforce Rankings

- Physicians, MDs – 45th among US states
- Physicians, DOs – 18th
- Physicians , MD & DO – 45th
- Patient Care Physicians – 44th
- Primary Care Physicians – 46th
- Patient Care Primary Care Physicians – 46th
- Residents & Fellows – 46th
- Residents & Fellows in Primary Care – 46th

Source: American Medical Association (2012), O'Leary Morgan and Morgan (2012), National Center for the Analysis of Healthcare Data (2012).

Physician Workforce by Medical Specialty

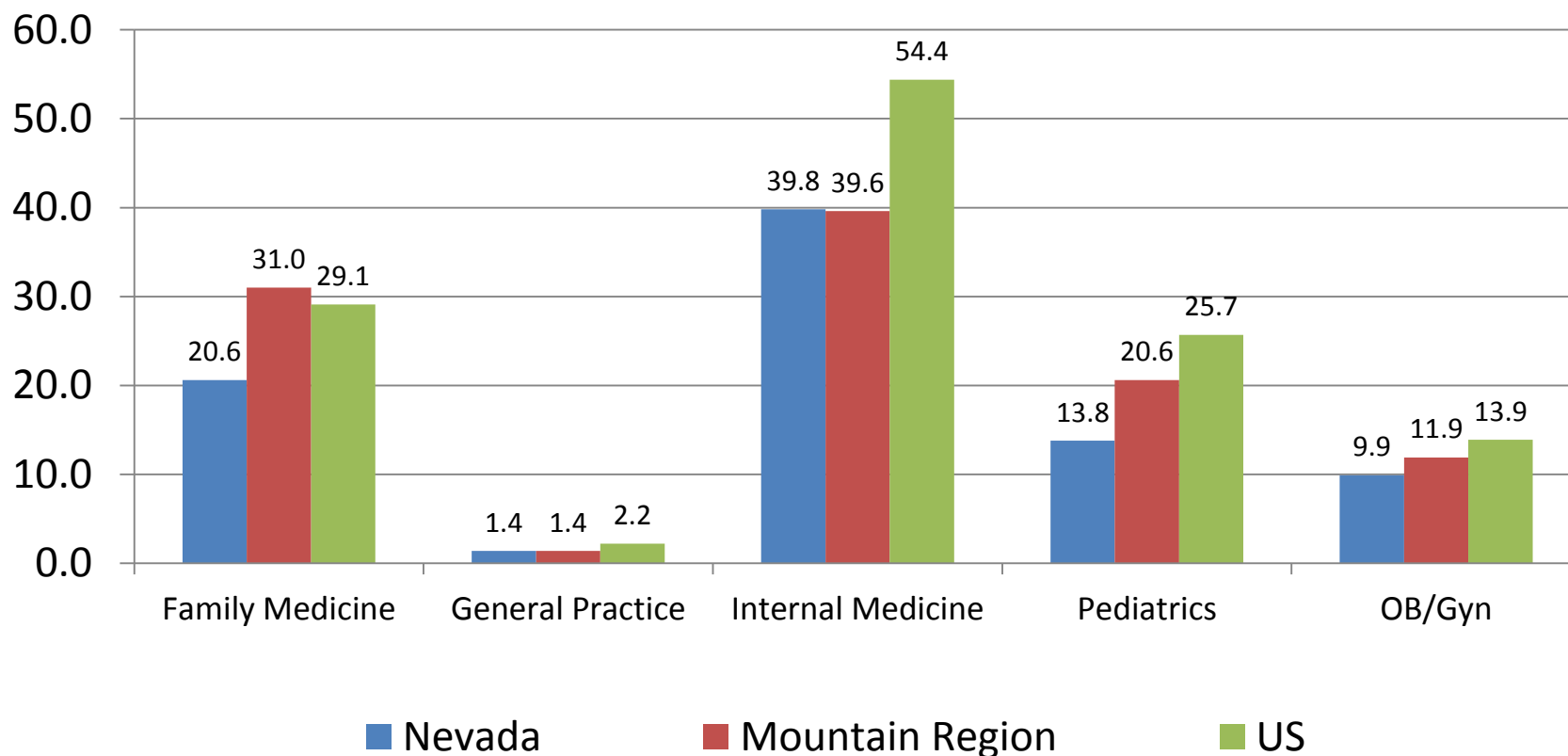
- General and Family Practitioners – 46th
- Pediatricians – 46rd
- Obstetricians and Gynecologists – 40th
- Ophthalmologists – 48nd
- Orthopedic Surgeons – 51st
- General Surgeons – 51st
- Specialty Surgeons – 51st

Source: American Medical Association (2012), O'Leary Morgan and Morgan (2012), National Center for the Analysis of Healthcare Data (2012).



Primary Care

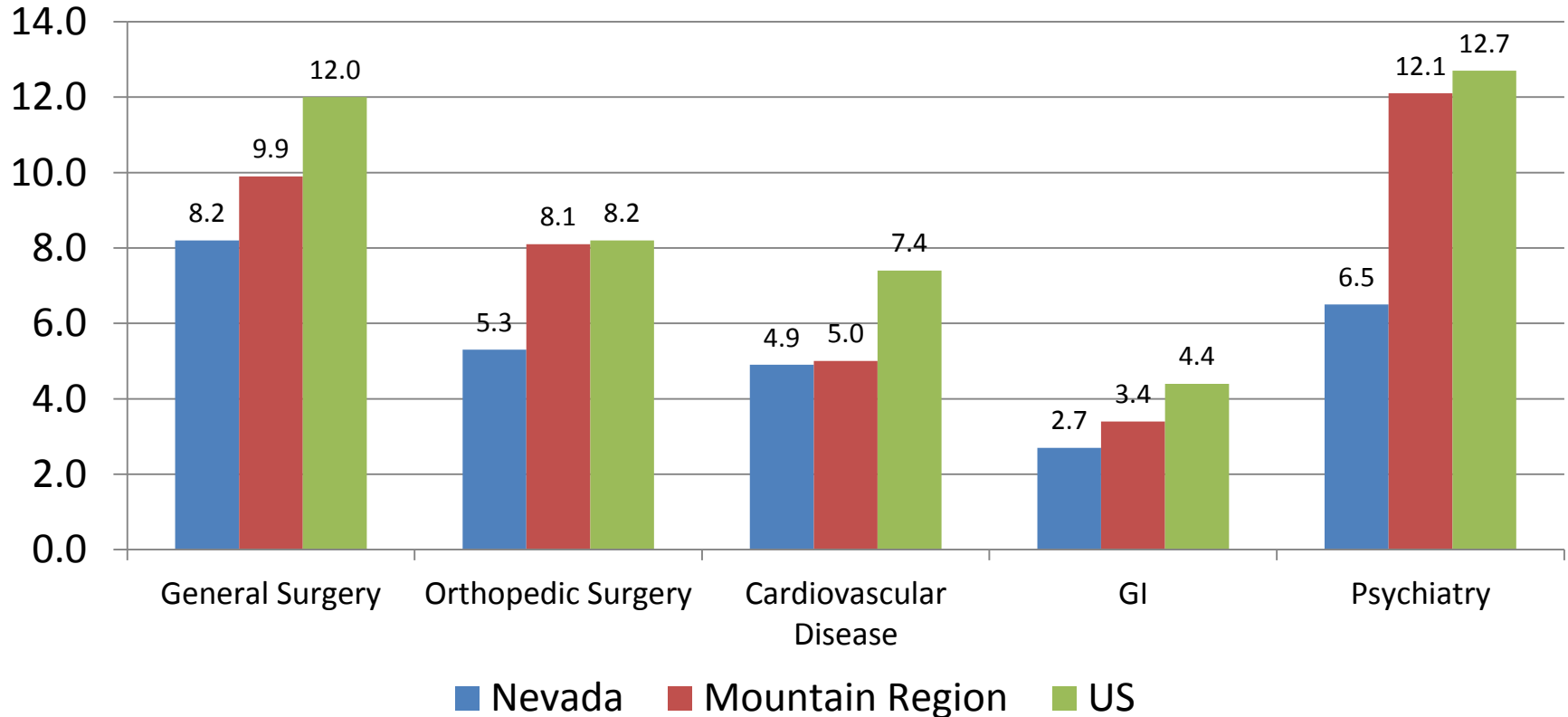
Number of MDs per 100,000 Population – 2012



Source: AMA. *Physician Characteristics and Distribution in the US* (2014).

Medical and Surgical Specialties

Number of MDs per 100,000 Population – 2012



Source: AMA. *Physician Characteristics and Distribution in the US* (2014).



Physician Workforce in Nevada by Self-Designated Medical Specialty – 2012

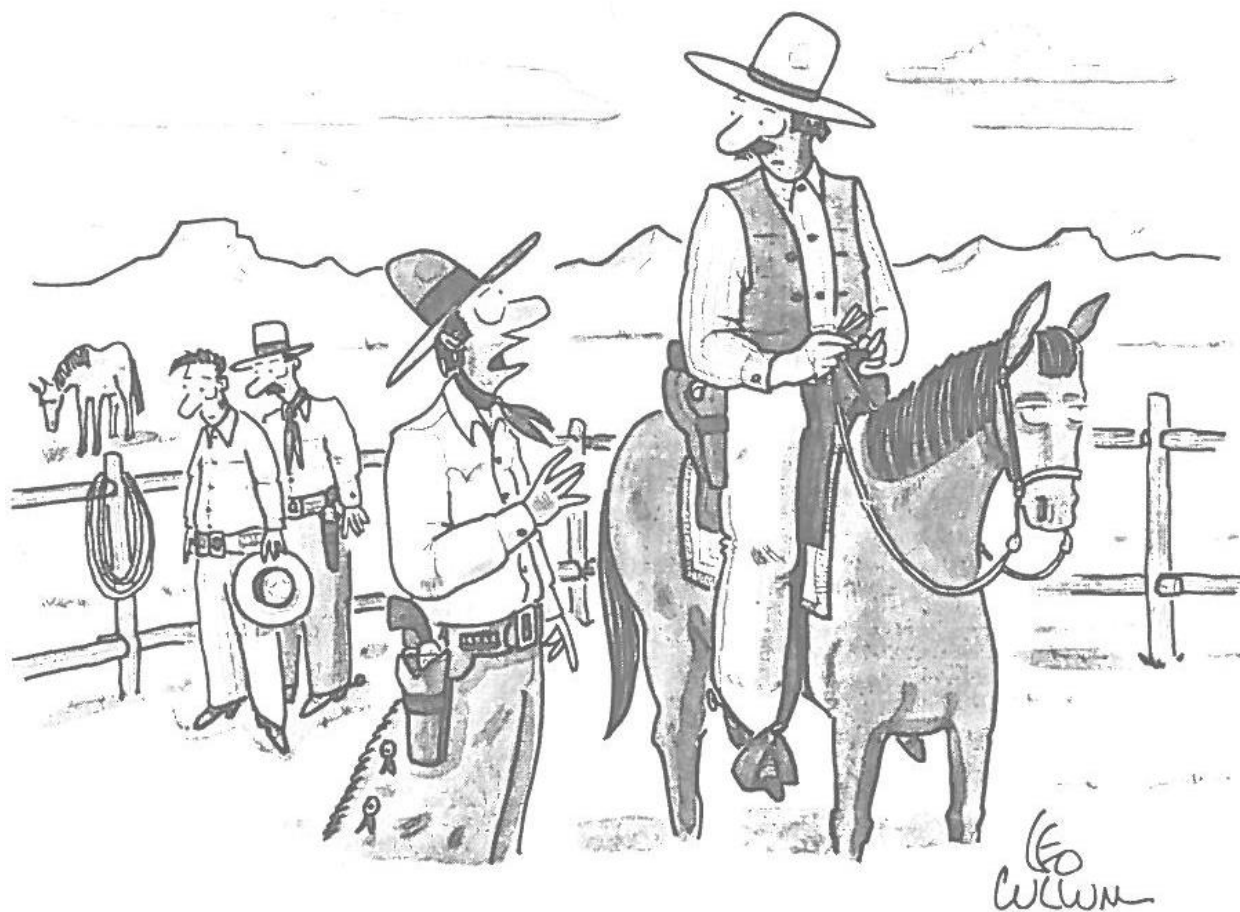
- Of 38 specialty areas, only three specialty areas possess a higher number of MDs per capita in Nevada versus the Mountain Region
 - Forensic Medicine
 - Internal Medicine
 - Transplant Surgery

Source: AMA. *Physician Characteristics and Distribution in the US* (2014).

Physician Workforce in Nevada by Self-Designated Medical Specialty – 2012

- Of 38 specialty areas, only two specialty areas possesses a higher number of MDs per capita in Nevada versus the US
 - Forensic Medicine
 - Aerospace Medicine
- Across all specialty areas, the number of MDs per capita in Nevada is 83% of regional rates and 68% of national rates

Source: AMA. *Physician Characteristics and Distribution in the US* (2014).

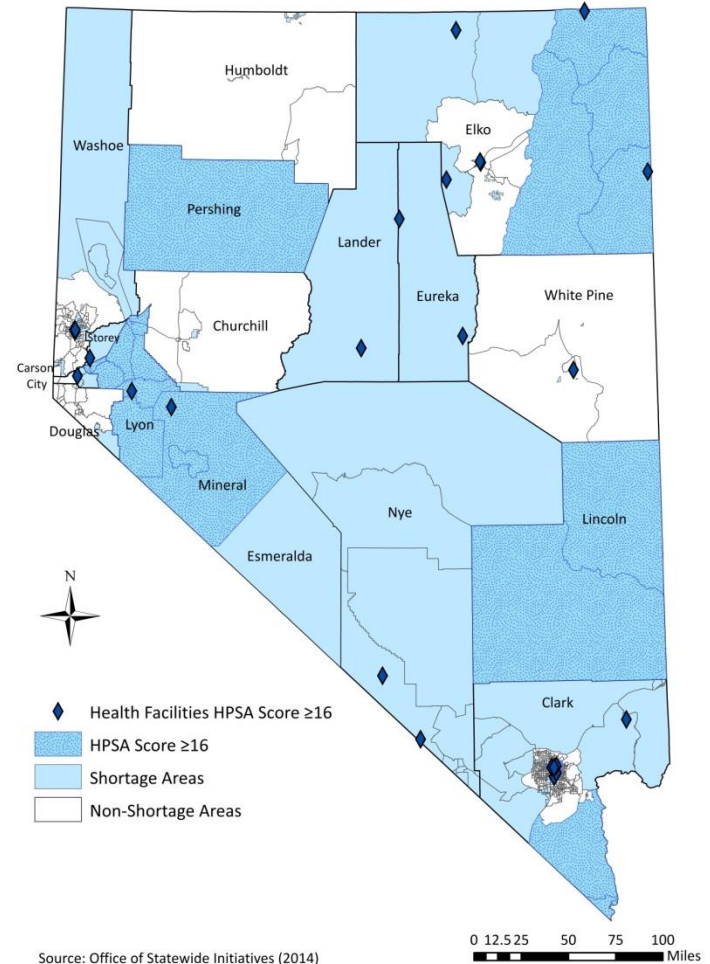


"Slim has a dry scaly patch on his neck! Ride to town and bring the dermatologist."

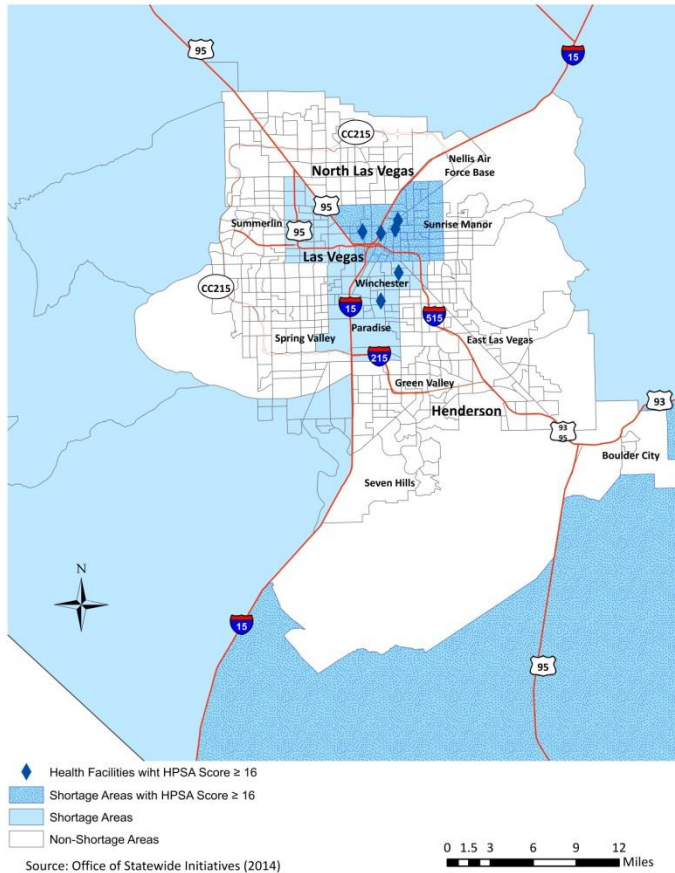
Primary Care Workforce Shortages in Nevada

- Most regions of rural and frontier Nevada are primary care HPSAs
- 141,810 rural residents (52%) live in a primary care HPSA
- 782,000 urban residents (32%) live in a primary care HPSA, including 576,000 residents of Clark County

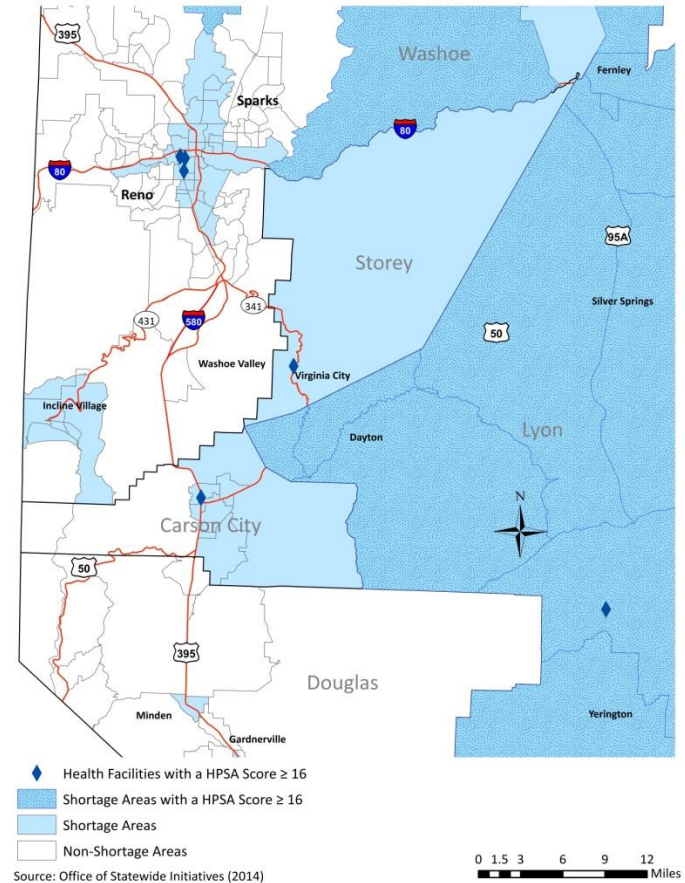
Map 1
Primary Medical Care Health Professional
Shortage Areas in Nevada – 2014



Map 2
Primary Medical Care Health Professional Shortage Areas
in Metropolitan Clark County – 2014



Map 3
Primary Medical Care Health Professional Shortage Areas
in Metropolitan Northern Nevada – 2014



UNSOM Match Results by Location and Specialty – 2014

Location/Specialty	Primary Care Specialties	Other Specialties	Total
Nevada	8 (14.8)	4 (7.4)	12 (22.2)
Out of State	14 (25.9)	28 (51.9)	42 (77.8)
Total	22 (40.7)	32 (69.3)	54 (100.0)

UNSOM Match Results by Location and Specialty – 2005 to 2014

Location/Specialty	Primary Care Specialties	Other Specialties	Total
Nevada	60 (10.8)	34 (6.1)	94 (16.9)
Out of State	163 (29.3)	300 (53.9)	463 (83.1)
Total	223 (40.0)	334 (60.0)	557 (100.0)

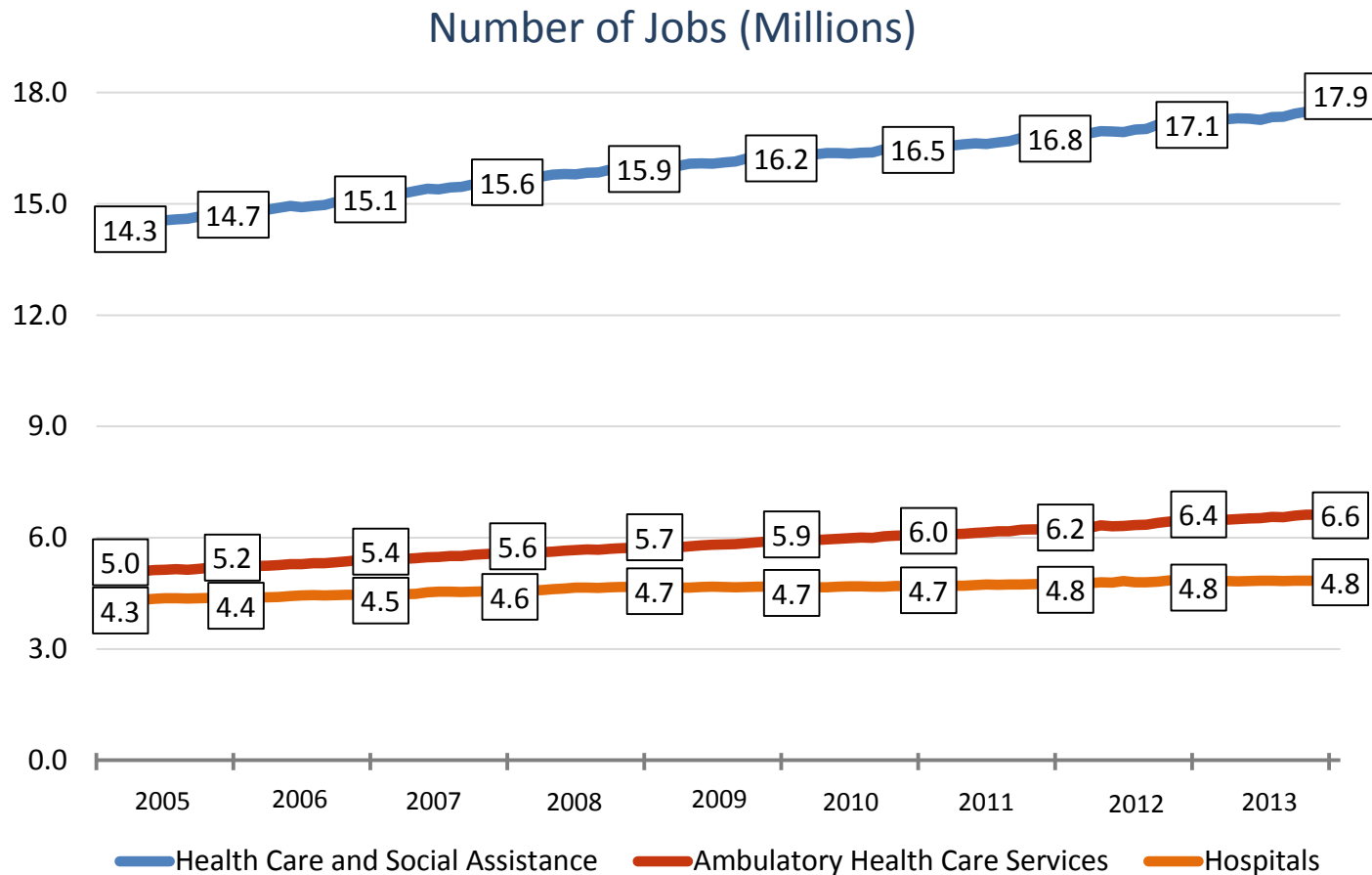
UNSOM GME Graduation and Retention 2013

Location/Specialty	Patient Care	Continuing GME or Other	Total
Nevada	28 (26.9)	3 (2.9)	31 (29.8)
Out of State	45 (43.3)	28 (26.9)	73 (70.2)
Total	73 (70.2)	31 (29.8)	104 (100.0)

UNSOM Graduation and Retention 2004 to 2013

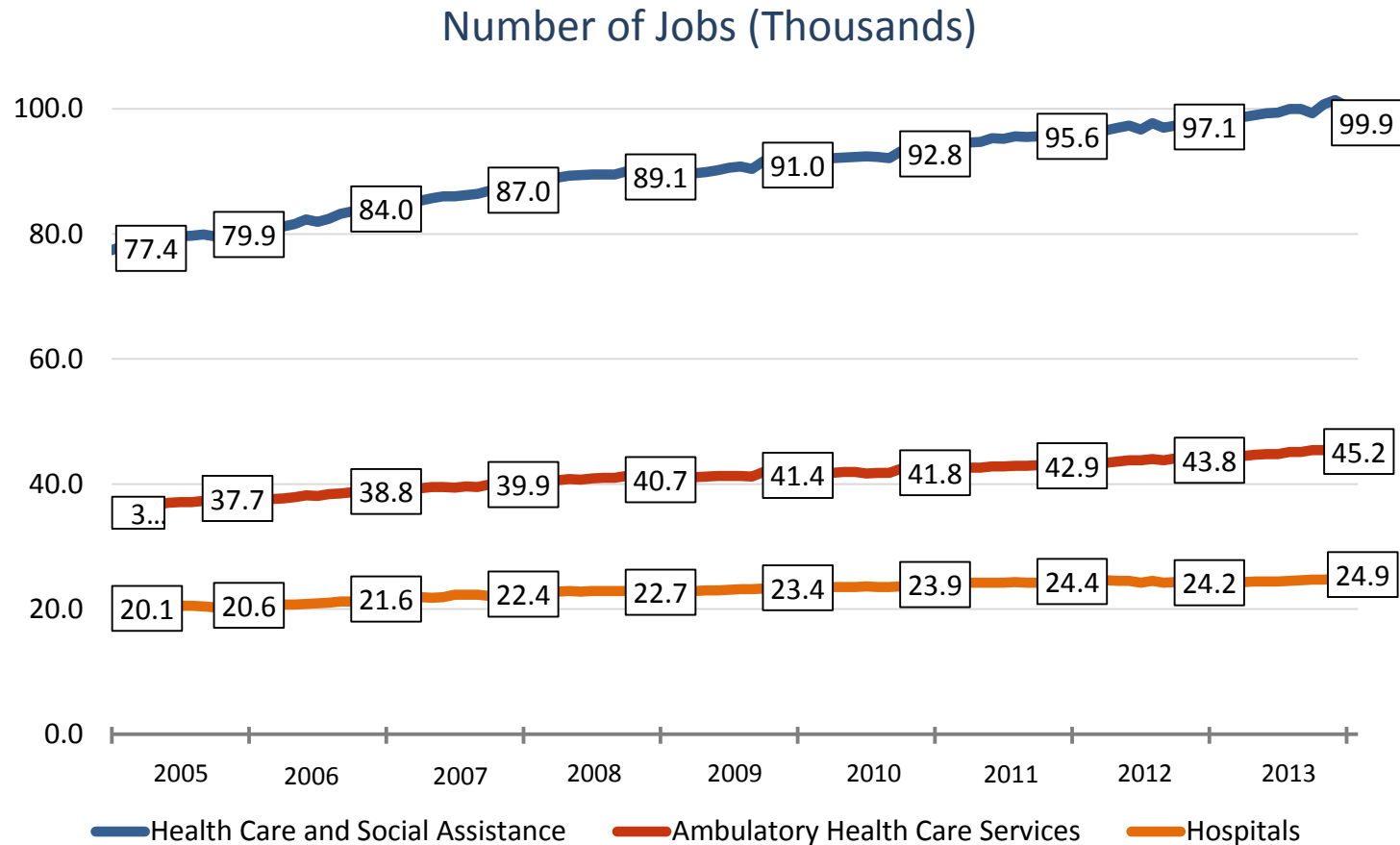
Location/Specialty	Patient Care	Continuing GME or Other	Total
Nevada	296 (42.1)	51 (7.2)	347 (49.3)
Out of State	245 (34.8)	112 (15.9)	357 (50.7)
Total	541 (76.8)	163 (23.1)	704 (100.0)

Health Care Employment in the US – 2005 to 2014



Source: Nevada Department of Employment, Training, and Rehabilitation (2014).

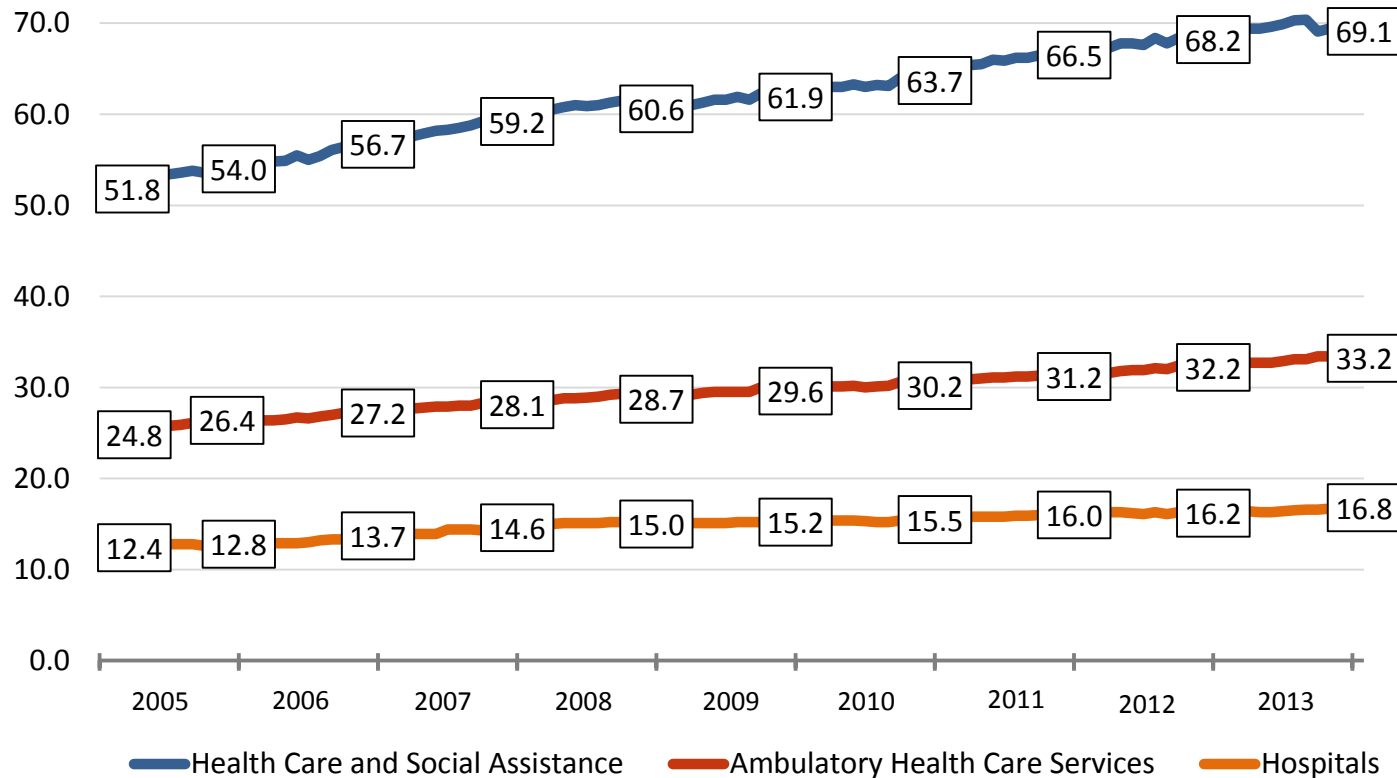
Health Care Employment in Nevada – 2005 to 2014



Source: Nevada Department of Employment, Training, and Rehabilitation (2014).

Health Care Employment in Las Vegas – 2005 to 2014

Number of Jobs (Thousands)



Source: Nevada Department of Employment, Training, and Rehabilitation (2014).

Recap of Policy Levers to Address Health Workforce Shortages in Nevada and the US

- Higher education programs and capacity
- K-12 education pipeline
- Health professions licensing and regulation
- State policy and budget – esp. funding for higher education health education programs, UME, loan repayment and forgiveness policy
- Federal policy – esp. support for health workforce education and training, GME

Recent and Upcoming Reports from the UNSOM Office of Statewide Initiatives

- *Health Workforce Recruitment and Retention in Nevada* – (Forthcoming June 2014)
- *Nursing Workforce in Nevada – Findings from the National Council of State Boarding of Nursing's National Workforce Survey of RNs* (Forthcoming April 2014)
- *The Contribution of the University of Nevada School of Medicine to the Nevada Economy* (April 2014)
- *Nevada Residency and Fellowship Training Outcomes, 2004 to 2013 – Key Findings from the Annual UNSOM Resident Exit Survey* (February 2014)
- *Physician Workforce in Nevada – 2013 Edition* (January 2014)
- *Health Career Careers in Nevada – 2014-2015 Edition* (December 2013)

John Packham, PhD
Director of Health Policy Research
Office of Statewide Initiatives
University of Nevada School of Medicine
(775) 784-1235

jpackham@medicine.nevada.edu

<http://www.medicine.nevada.edu/statewide/>



University of Nevada
School of Medicine