Health Care Issues in Nevada
Primary Care Shortages and Expanded Insurance Coverage

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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

Source: www.ACASignups.net
"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

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

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

Primary Care
Number of MDs per 100,000 Population – 2012

<table>
<thead>
<tr>
<th>Profession</th>
<th>Nevada</th>
<th>Mountain Region</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Medicine</td>
<td>20.6</td>
<td>31.0</td>
<td>29.1</td>
</tr>
<tr>
<td>General Practice</td>
<td>1.4</td>
<td>1.4</td>
<td>2.2</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>39.8</td>
<td>39.6</td>
<td>54.4</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>13.8</td>
<td>20.6</td>
<td>25.7</td>
</tr>
<tr>
<td>OB/Gyn</td>
<td>9.9</td>
<td>11.9</td>
<td>13.9</td>
</tr>
</tbody>
</table>

Source: AMA. *Physician Characteristics and Distribution in the US (2014).*
## Medical and Surgical Specialties

### Number of MDs per 100,000 Population – 2012

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Nevada</th>
<th>Mountain Region</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Surgery</td>
<td>8.2</td>
<td>9.9</td>
<td>12.0</td>
</tr>
<tr>
<td>Orthopedic Surgery</td>
<td>5.3</td>
<td>8.1</td>
<td>8.2</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>4.9</td>
<td>5.0</td>
<td>7.4</td>
</tr>
<tr>
<td>GI</td>
<td>2.7</td>
<td>3.4</td>
<td>4.4</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>6.5</td>
<td>12.1</td>
<td>12.7</td>
</tr>
</tbody>
</table>

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

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

“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
# UNSOM Match Results by Location and Specialty – 2014

<table>
<thead>
<tr>
<th>Location/Specialty</th>
<th>Primary Care Specialties</th>
<th>Other Specialties</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nevada</td>
<td>8 (14.8)</td>
<td>4 (7.4)</td>
<td>12 (22.2)</td>
</tr>
<tr>
<td>Out of State</td>
<td>14 (25.9)</td>
<td>28 (51.9)</td>
<td>42 (77.8)</td>
</tr>
<tr>
<td>Total</td>
<td>22 (40.7)</td>
<td>32 (69.3)</td>
<td>54 (100.0)</td>
</tr>
<tr>
<td>Location/Specialty</td>
<td>Primary Care Specialties</td>
<td>Other Specialties</td>
<td>Total</td>
</tr>
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<tr>
<td>Nevada</td>
<td>60 (10.8)</td>
<td>34 (6.1)</td>
<td>94 (16.9)</td>
</tr>
<tr>
<td>Out of State</td>
<td>163 (29.3)</td>
<td>300 (53.9)</td>
<td>463 (83.1)</td>
</tr>
<tr>
<td>Total</td>
<td>223 (40.0)</td>
<td>334 (60.0)</td>
<td>557 (100.0)</td>
</tr>
</tbody>
</table>

UNSOM Match Results by Location and Specialty – 2005 to 2014
# UNSOM GME Graduation and Retention 2013

<table>
<thead>
<tr>
<th>Location/Specialty</th>
<th>Patient Care</th>
<th>Continuing GME or Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nevada</td>
<td>28 (26.9)</td>
<td>3 (2.9)</td>
<td>31 (29.8)</td>
</tr>
<tr>
<td>Out of State</td>
<td>45 (43.3)</td>
<td>28 (26.9)</td>
<td>73 (70.2)</td>
</tr>
<tr>
<td>Total</td>
<td>73 (70.2)</td>
<td>31 (29.8)</td>
<td>104 (100.0)</td>
</tr>
</tbody>
</table>
# UNSOM Graduation and Retention

## 2004 to 2013

<table>
<thead>
<tr>
<th>Location/Specialty</th>
<th>Patient Care</th>
<th>Continuing GME or Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nevada</td>
<td>296 (42.1)</td>
<td>51 (7.2)</td>
<td>347 (49.3)</td>
</tr>
<tr>
<td>Out of State</td>
<td>245 (34.8)</td>
<td>112 (15.9)</td>
<td>357 (50.7)</td>
</tr>
<tr>
<td>Total</td>
<td>541 (76.8)</td>
<td>163 (23.1)</td>
<td>704 (100.0)</td>
</tr>
</tbody>
</table>
Health Care Employment in the US – 2005 to 2014

Number of Jobs (Millions)

Health Care Employment in Nevada – 2005 to 2014

Number of Jobs (Thousands)

Health Care Employment in Las Vegas – 2005 to 2014

Number of Jobs (Thousands)

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)


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