

IDAHO WWAMI UPDATE IDAHO'S MEDICAL SCHOOL FOR 45 YEARS

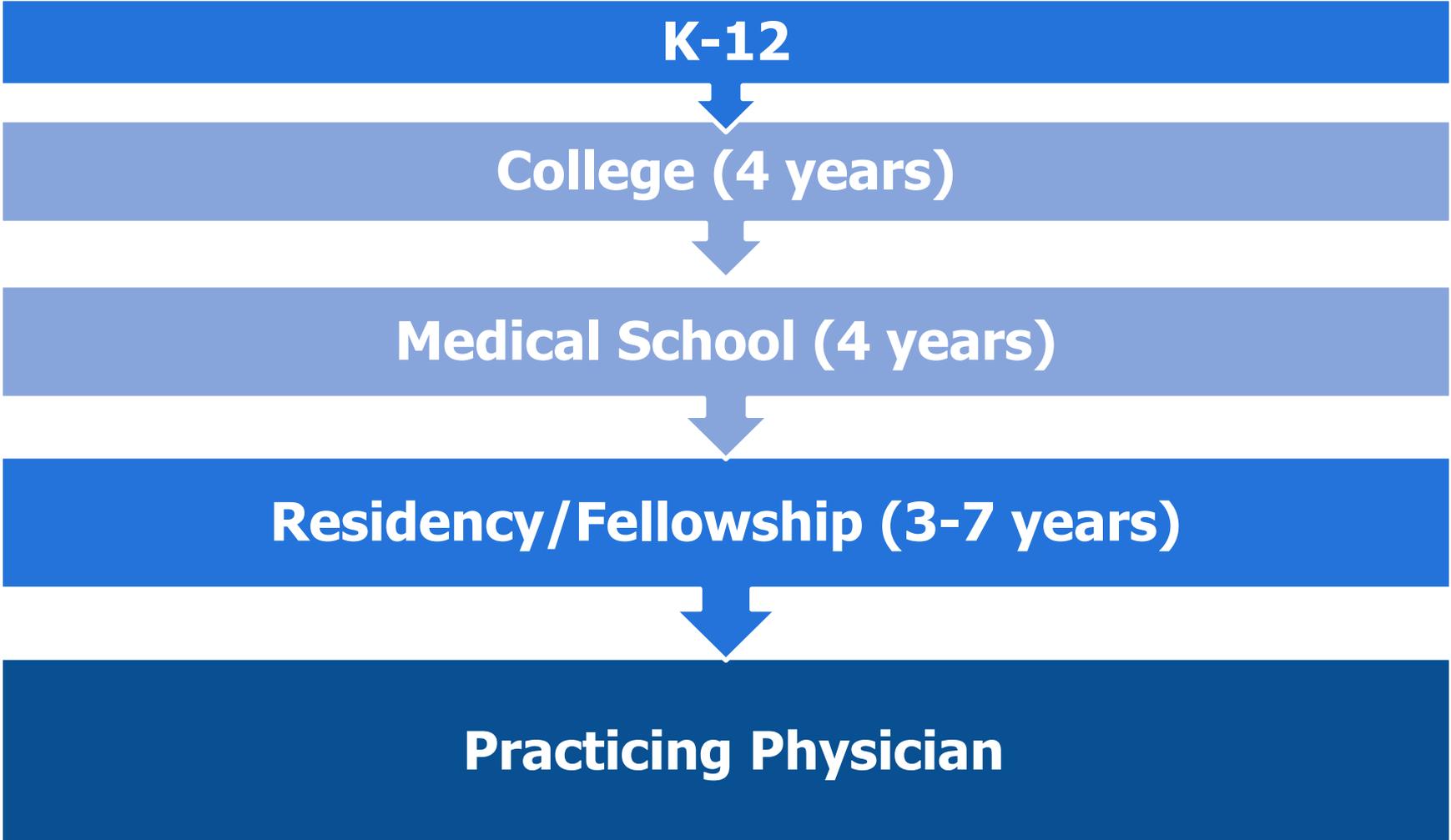
SENATE EDUCATION COMMITTEE

Mary Barinaga, MD



Physician Pipeline

K-12



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graph TD; A[K-12] --> B[College (4 years)]; B --> C[Medical School (4 years)]; C --> D[Residency/Fellowship (3-7 years)]; D --> E[Practicing Physician];
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The diagram illustrates the physician pipeline as a vertical sequence of five stages. Each stage is represented by a horizontal bar, with arrows pointing downwards between them. The stages are: K-12 (dark blue bar), College (4 years) (light blue bar), Medical School (4 years) (light blue bar), Residency/Fellowship (3-7 years) (dark blue bar), and Practicing Physician (darkest blue bar).

College (4 years)

Medical School (4 years)

Residency/Fellowship (3-7 years)

Practicing Physician

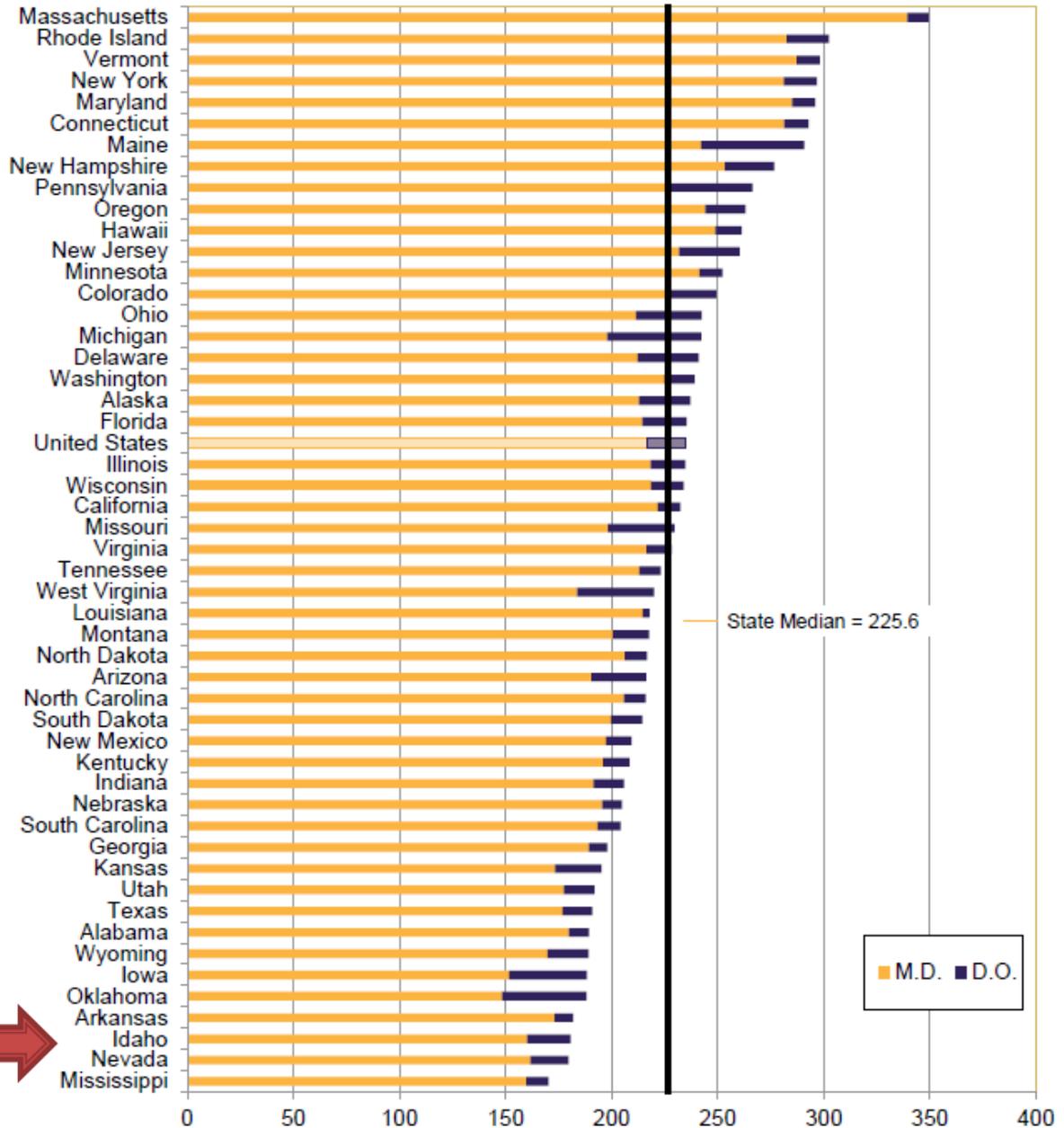
Figure 1.2. Active Patient Care Physicians per 100,000 Population by Degree Type, 2014

Idaho ranks #48
in US for practicing
physicians per 100K
population

Idaho has 180.7
practicing physicians
per 100K population

US average is 225.6
practicing physicians
per 100K population

27% of Idaho's
practicing physicians
are over age 60 years



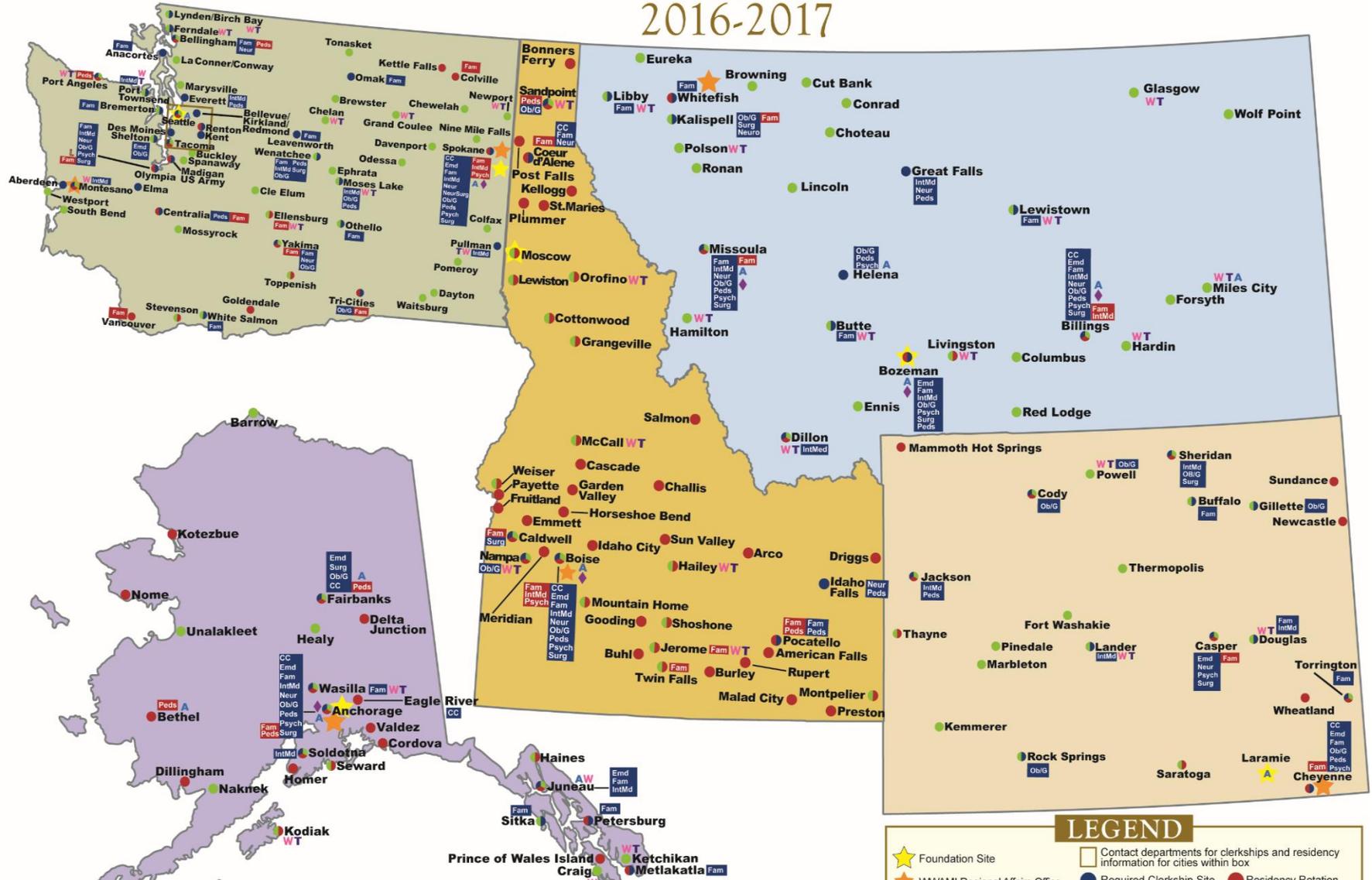
Sources: July 1, 2014, population estimates are from the U.S. Census Bureau (Release date: December 2014). Physician data are from the 2015 AMA Physician Masterfile (December 31, 2014). Physicians whose school type was unavailable (n=14) are excluded.

Idaho State Board of Education Medical Education Subcommittee

Top 2 priorities in 2009 recommendations

- Expand the development of residency programs (GME) in Idaho
- Increase WWAMI class size from 20 to 40 students per year

WWAMI Program Site Map 2016-2017



*Alaska not to scale.

UW Medicine
UW SCHOOL OF MEDICINE



LEGEND

- ★ Foundation Site
- ★ WWAMI Regional Affairs Office
- ◆ WWAMI TRACK
- A Areal Health Education Center (AHEC)
- W WWAMI Rural Integrated Training Experience (WRITE)
- T Targeted Rural Underserved Track (TRUST)
- L Longitudinal Integrated Clerkship (LIC)
- Rural/Underserved Opportunities Program (RUOP)
- Contact departments for clerkships and residency information for cities within box
- Required Clerkship Site
- Residency Rotation
- Residency Program
- Required Clerkship Sites
 - CC - Chronic Care
 - Emd - Emerg Medicine
 - Fam - Family Medicine
 - IntMd - Internal Medicine
 - Neur - Neurology
 - NeuroSurg - Neurosurgery
 - Ob/G - Ob/Gyn
 - Peds - Pediatrics
 - Psych - Psychiatry
 - Surg - Surgery
- Residency Programs
 - Fam - Family Medicine
 - IntMd - Internal Medicine
 - Peds - Pediatrics
 - Psych - Psychiatry

IDAHO

WWAMI Program Site Map

2016-2017



LEGEND

★ Foundation Site	● Required Clerkship Site	● Residency Rotation
★ WWAMI Regional Affairs Office	■ Required Clerkship Sites	■ Residency Program
◆ WWAMI TRACK	CC - Chronic Care	Residency Programs Fam - Family Medicine IntMd - Internal Medicine Peds - Pediatrics Psych - Psychiatry
▲ Area Health Education Center (AHEC)	Emd - Emerg Medicine	
W WWAMI Rural Integrated Training Experience (WRITE)	Fam - Family Medicine	
T Targeted Rural Underserved Track (TRUST)	IntMd - Internal Medicine	
● Rural/Underserved Opportunities Program (RUOP)	Neur - Neurology	
	Ob/G - Ob/Gyn	
	Peds - Pediatrics	
	Psych - Psychiatry	
	Surg - Surgery	

UW Medicine

UW SCHOOL OF MEDICINE

University of Idaho
A LEGACY OF LEADING

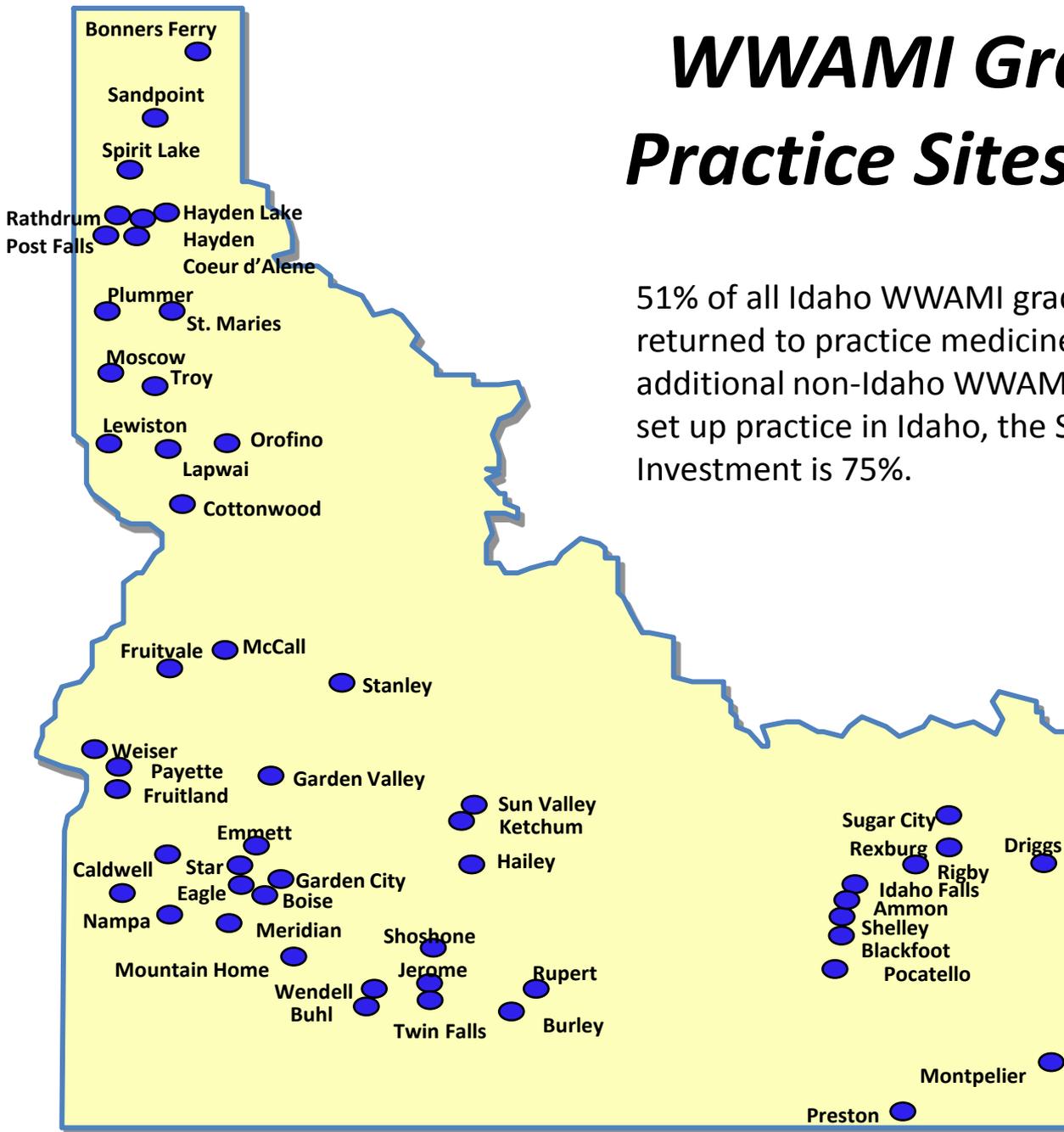


Quality and Impact of WWAMI

- **#1** ranked medical school for primary care, family medicine, and rural medicine according to US News and World Report 2017 rankings
- **51%** Retention Rate for Idaho graduates
- **75%** Return on Investment for WWAMI graduates
- More than **2/3** of state appropriations spent in Idaho
- For each dollar invested in WWAMI, Idaho gets **\$5.10** back into the state economy

WWAMI Graduates Practice Sites in Idaho

51% of all Idaho WWAMI graduates have returned to practice medicine in Idaho. With additional non-Idaho WWAMI graduates who set up practice in Idaho, the State's Return on Investment is 75%.



UWSOM Curriculum

Scientific Foundations Phase	Clinical Foundations Phase	Career Explore & Focus Phase
Integrated blocks medical science in clinical context	Required clerkships Integrated basic science	Career exploration
Clinical experience longitudinal clerkship	Specific rotations in Seattle	Specialty-specific preparation Scholarship
UI/Palouse	Seattle, Idaho, and/or Region	Seattle, Idaho, and/or Region

Scientific Foundations Phase



Idaho WWAMI Community Preceptors

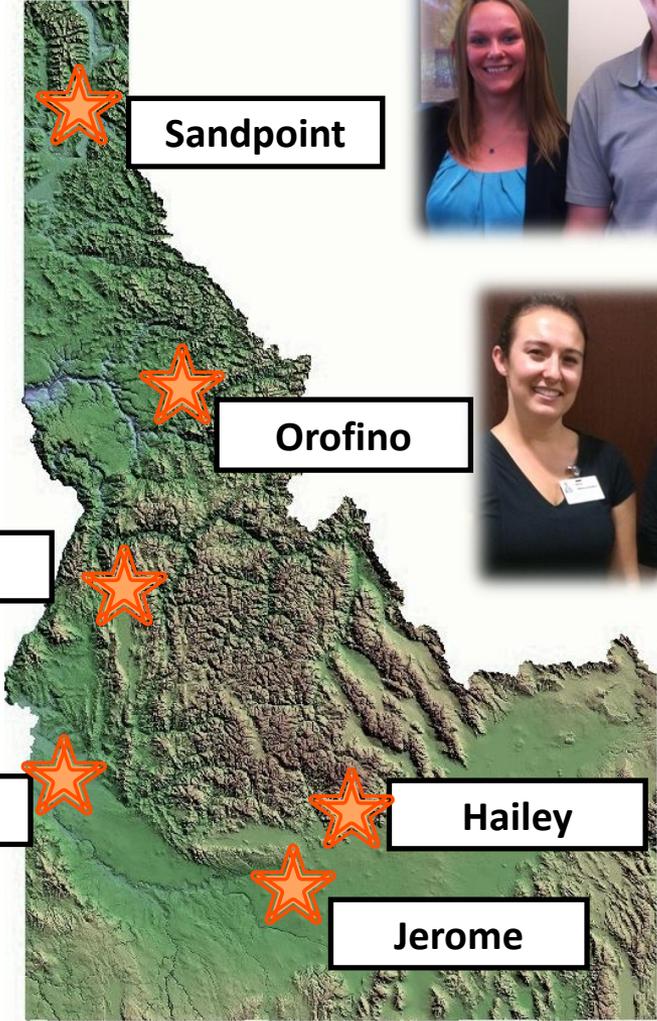


TRUST

Targeted Rural Underserved Track

- Selects Idaho students with rural/underserved background, experiences and interest
- Matches one Idaho student with one rural/underserved community in Idaho
- Prepares students for residencies in primary care and rural/underserved practice

Idaho TRUST Continuity Communities



McCall

Orofino

Nampa

Hailey

Jerome

Sandpoint

Idaho's GME (residencies) in 2017

Family medicine:

- Boise (16 per year)
- Pocatello (7 per year)
- Coeur d' Alene (6 per year)

Idaho has 42 first year residency positions

Internal Medicine

- Boise (9 per year)

Psychiatry

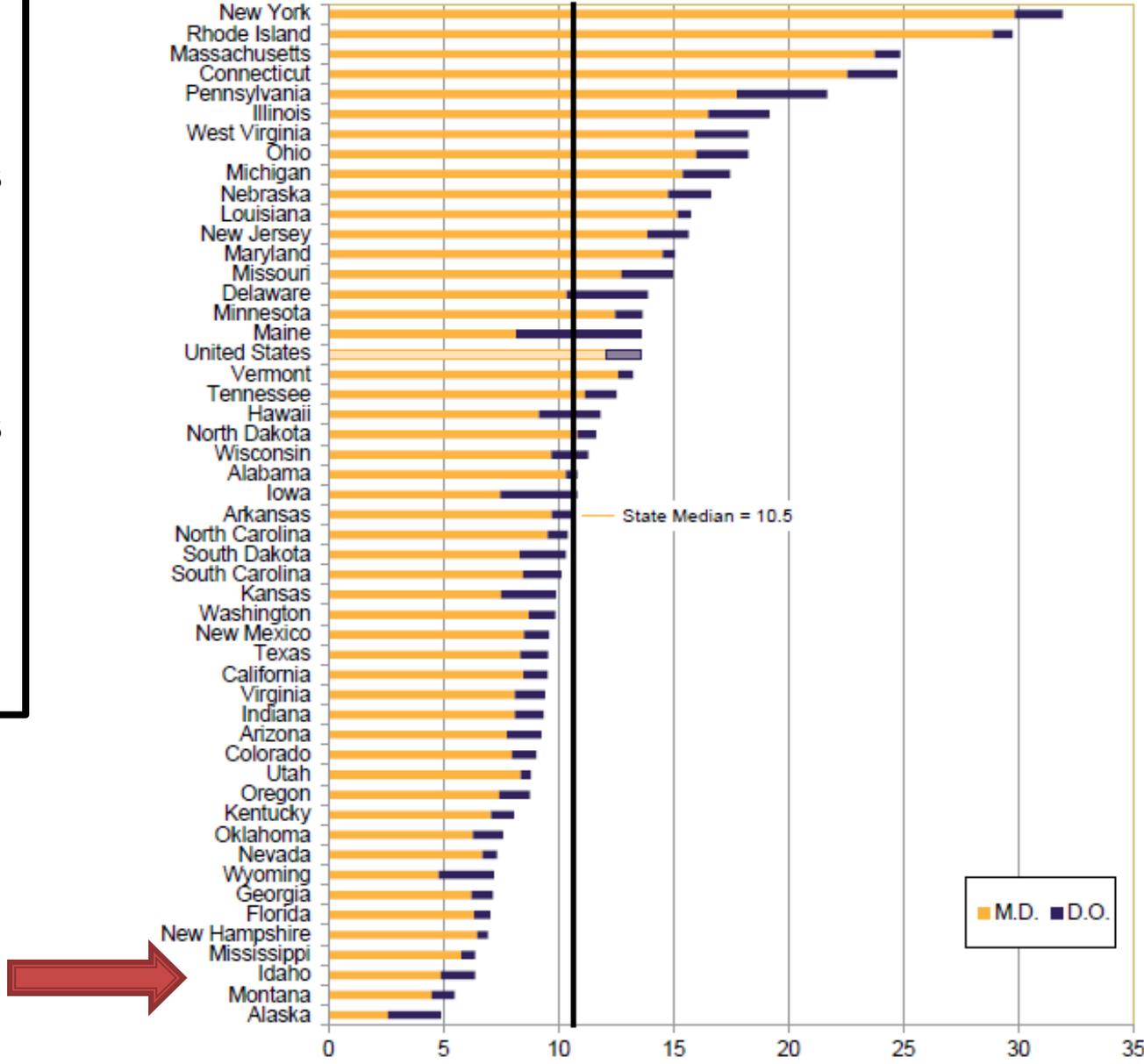
- Boise (4 per year)

Figure 3.2. Residents and Fellows on Duty as of December 31, 2014, in ACGME-Accredited Primary Care Programs per 100,000 Population by Degree Type

Idaho ranks **#47** in US for the total number of residency positions per 100K population

Idaho has **6.4** total residency positions per 100K

National average is **22.2** total residency positions per 100K



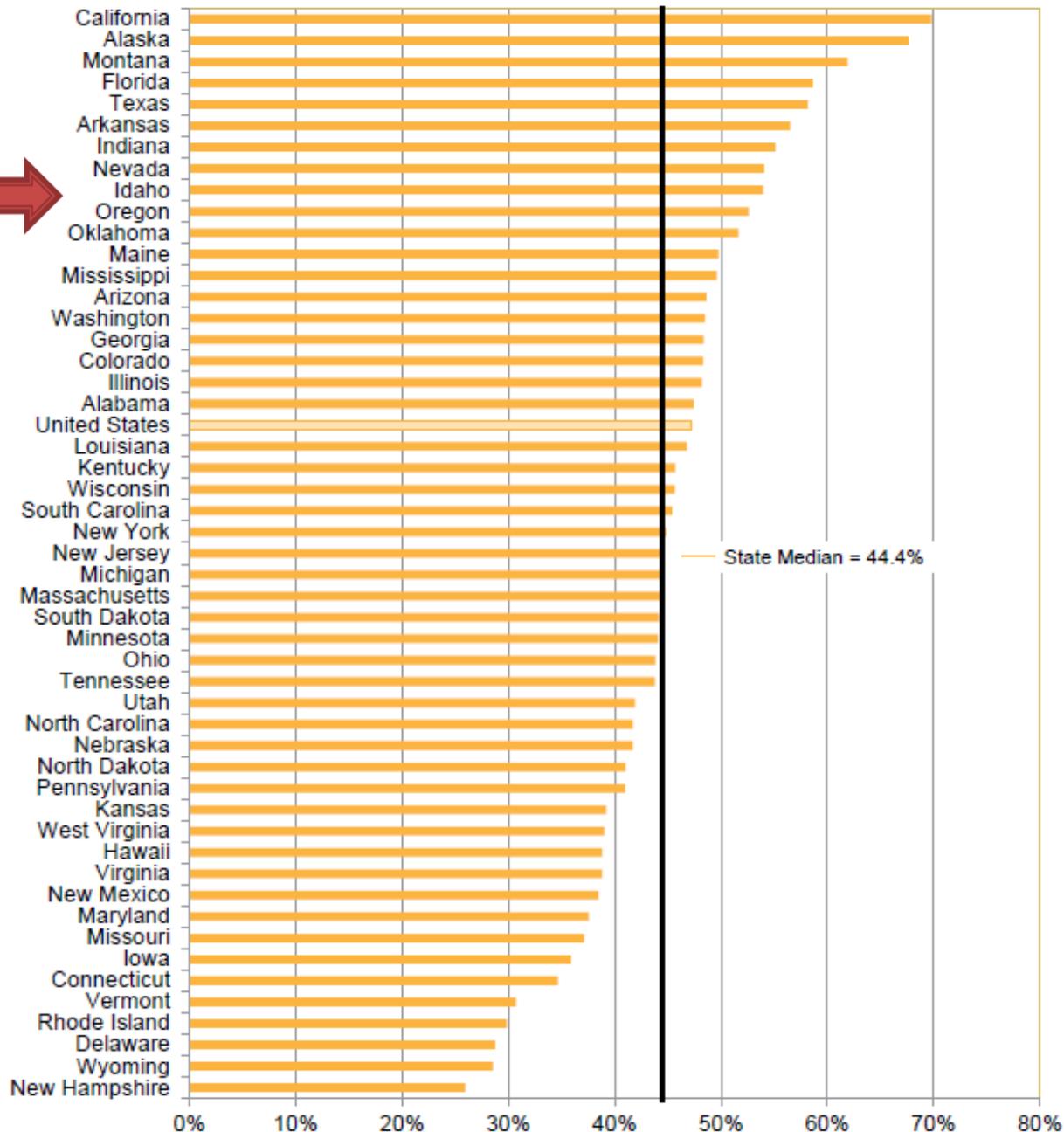
Sources: July 1, 2014, population estimates are from the U.S. Census Bureau (Release date: December 31, 2014). Resident physician data are from the 2014 AAMC/AMA National GME Census (data extracted in August 2015).

Figure 4.3. Physicians Retained from Graduate Medical Education (GME), 2014

Idaho ranks **#9**
in the US for
residency
(GME) retention

54% of
physicians who
do residency
within Idaho
stay in Idaho to
practice

US average
residency
retention: **44.4%**

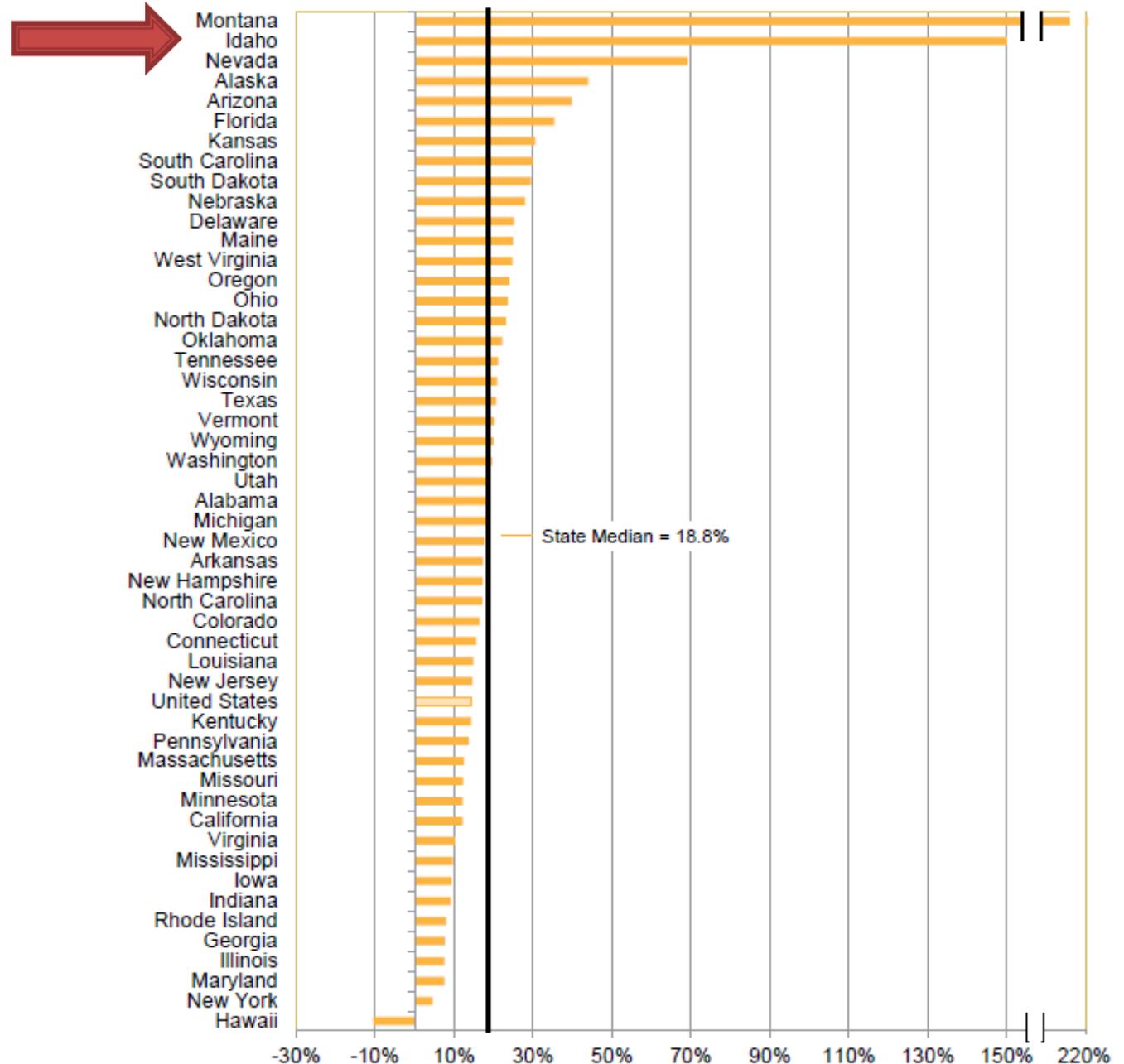


Source: AMA Physician Masterfile (December 31, 2014).

Figure 3.5. Percentage Change in Number of Residents and Fellows in ACGME-Accredited Programs, 2004–2014

Idaho ranks **#2** in the US for increase in total numbers of residency positions from 2004-2014

150% increase in total Idaho positions (US average **18.9%**)



Source: 2004 and 2014 AAMC/AMA National GME Census (data extracted in August 2015).

Idaho Residency (GME) Take Home Points

- Idaho has a physician workforce shortage
- Idaho has an aging physician workforce
- Idaho needs:
 - more residency positions
 - more types of residencies (general surgery, etc.)
- If you complete residency in Idaho, there is a high likelihood you will stay and practice in Idaho
- Residencies are a wise investment for Idaho

WWAMI: Idaho's Medical School in Action



THANK YOU!

Questions?

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