



University of Alaska

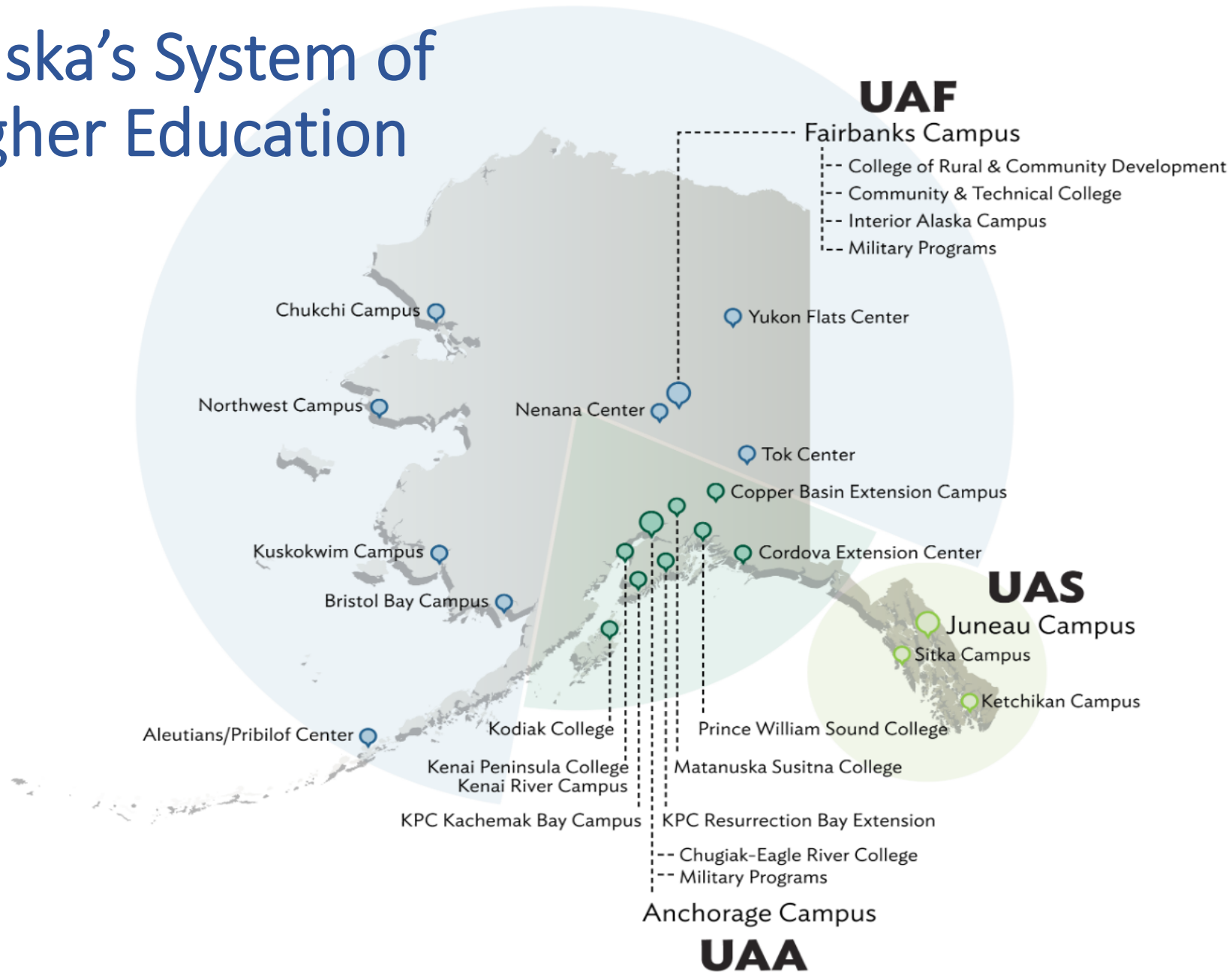
Reskilling & Upskilling for Alaskans

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Associate Vice President

Senate Education Committee

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Alaska's System of Higher Education



UA's Critical Workforce Mission

- Alaska's most comprehensive provider of workforce training
- UA offers more than 200 programs in workforce development
 - Non-credit industry recognized certifications, endorsements, certificates
 - Associate Degrees
 - Bachelor, Masters and Doctorate Degrees
- Programs in high-demand industries needed for Alaska's economic growth



Value of Postsecondary Education

- Median earnings jump from:
 - \$35,328 for high school graduates
 - \$44,619 for Alaskans with an associate degree
 - \$57,708 for those with a bachelor's degree
 - \$77,402 for holders of graduate or professional degrees
- Lower unemployment rates
- Provide skills required for new and advancing careers



UA Workforce Reports – Industries Highlighted



Administration & Finance



Aviation



Construction



Fisheries & Marine Science



Health



Information Technology



Mining



Oil & Gas



Teacher Education

Available at: www.alaska.edu/research/wd/reports.php



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of ALASKA
Many Traditions One Alaska

UA Workforce Reports

THE IT INDUSTRY AND UA GRADUATES FAST FACTS

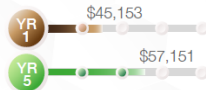


The University of Alaska has identified 14 programs whose graduates are important to the information technology (IT) industry in Alaska. Detailed below are their employment and wage outcomes, plus other information that can be used to assess UA programs and their usefulness to one of the state's key industries.

Graduates from key UA programs

INFORMATION TECHNOLOGY

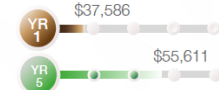
77.1% working in AK
within a year of
graduating



26.6% wage growth

COMPUTER & NETWORKING TECH

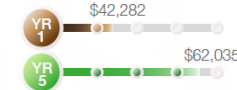
80.2% working in AK
within a year of
graduating



48.0% wage growth

COMPUTER SCIENCE & ENGINEERING

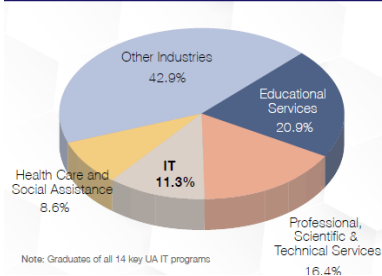
72.3% working in AK
within a year of
graduating



46.7% wage growth

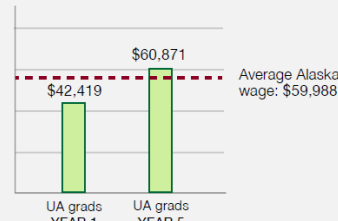
Note: Data reflects the actual employment and wage data of all graduates working in Alaska, and is not limited to those employed in IT

The industries where first-year graduates work



Note: Graduates of all 14 key UA IT programs

Program grads' average wages



Average Alaska wage: \$59,988

The IT Industry and UA Graduates: Fast Facts, January 2021 Page 1

THE IT INDUSTRY AND UA GRADUATES FAST FACTS



Do these programs boost the Alaska hire rate?

95.5%

of working graduates
are Alaska residents



For comparison, residency is ...

- 79.3% for all Alaska workers
- 90.5% for all IT* services workers

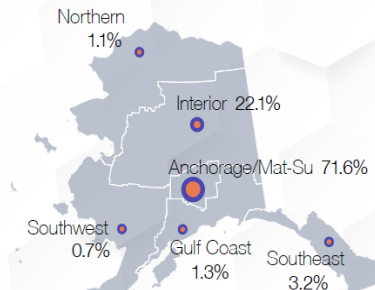
* (Professional, Scientific, & Technical Services)

Over the last three years, the IT industry hired ...

- 151** Computer User Support
- 108** Computer Network Support
- 87** Network/Computer System Administrators
- 72** Software Developers
- 70** Computer, Automated Teller, and Office Machine Repairers

Notes: These occupations have had the most hires in the past three years among occupations that require postsecondary education. Hires include all hires, not just UA grads, to identify where demand is greatest.

Where do UA's IT program grads work?

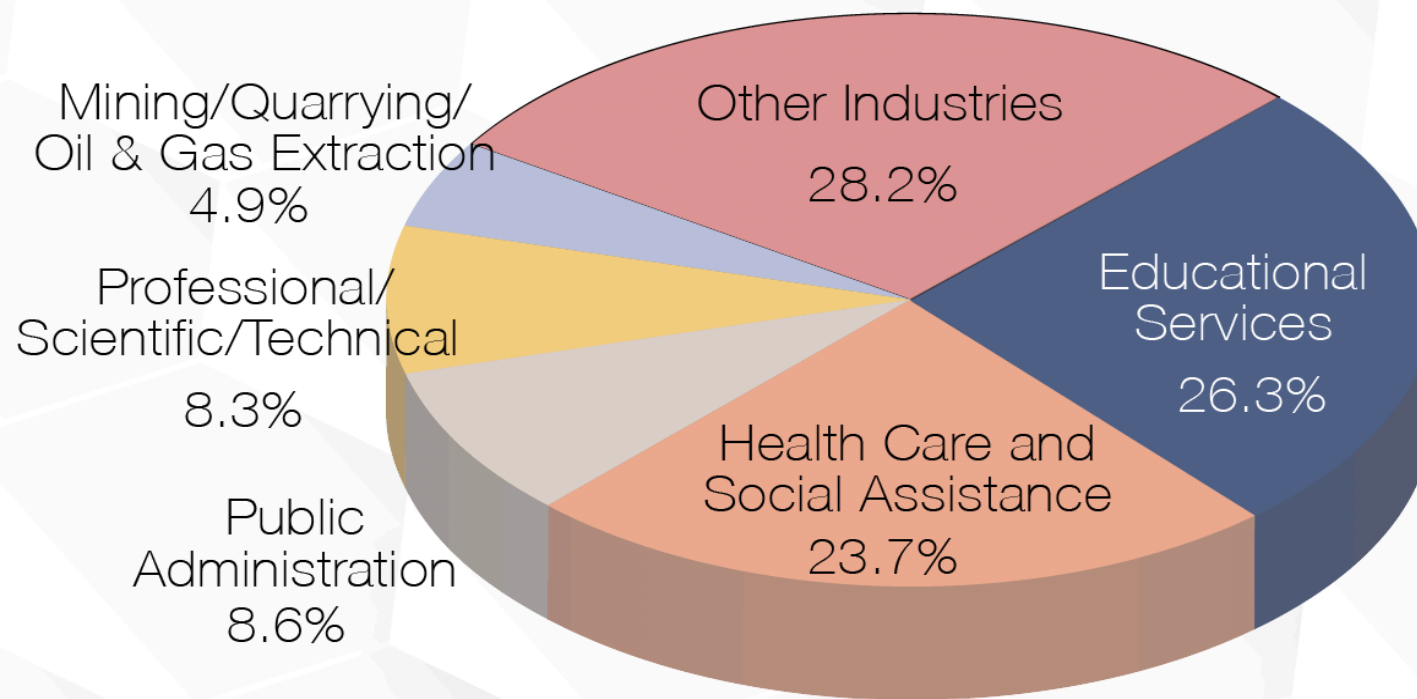


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Summary of First-Year Employment

The industries where first-year graduates work

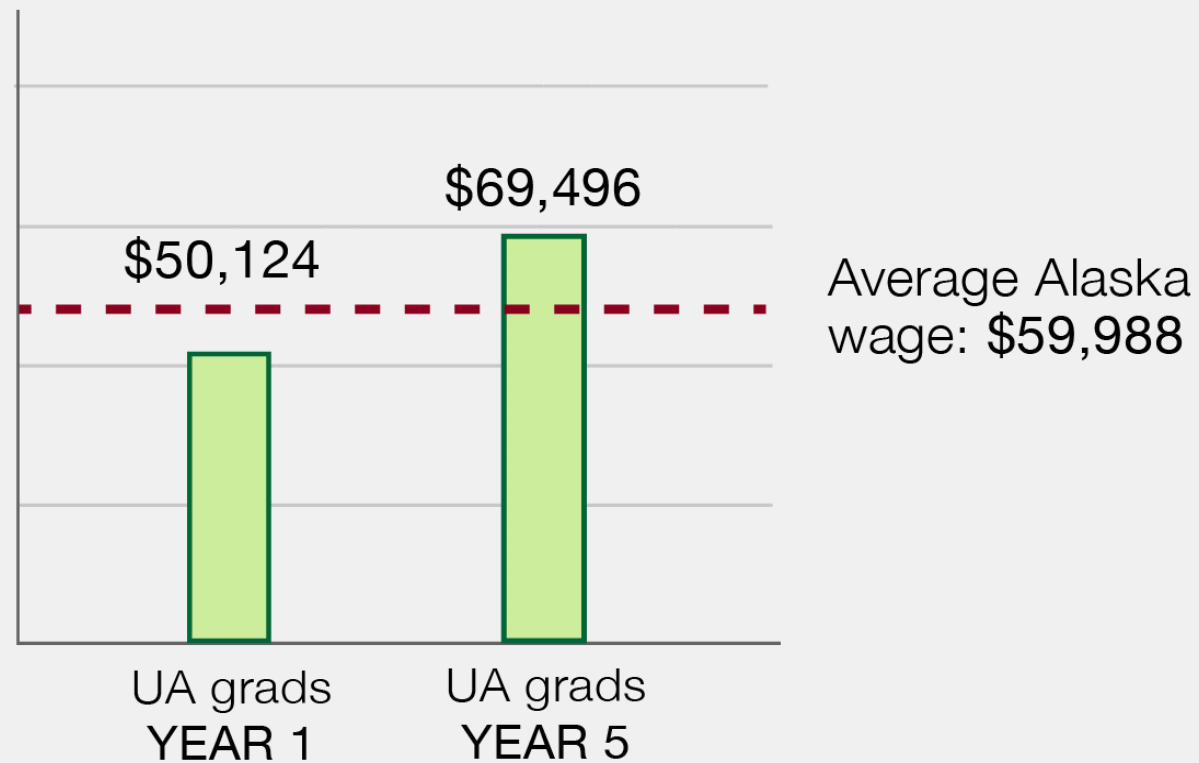


Aggregate of all 17,725 UA graduates included in the 9 industry workforce reports



Average Wages of UA Graduates

UA grads' average wages



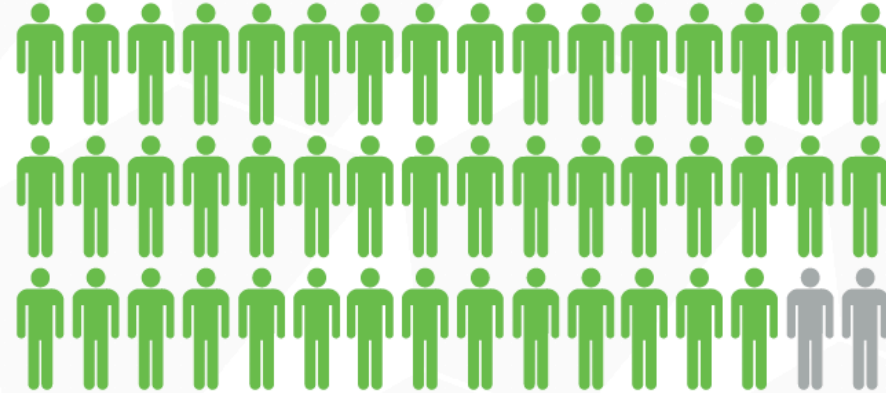
Aggregate of all 17,725 UA graduates included in the 9 industry workforce reports



Percent of UA Graduates Working in Alaska

96.3%

of working graduates
are Alaska residents



For comparison, residency for
all Alaska workers is

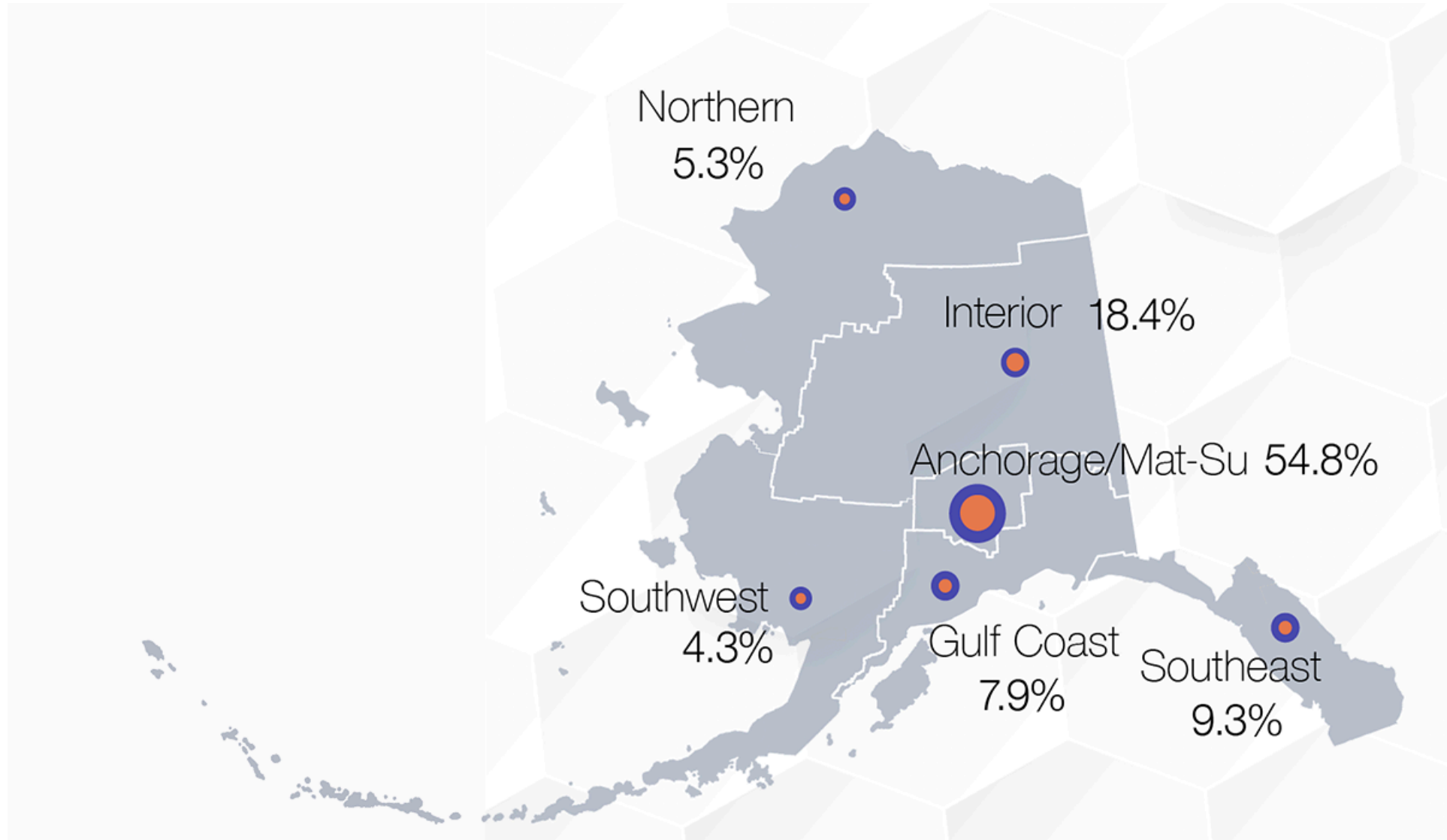
79.3%

Aggregate of all 17,725 UA graduates included in the 9 industry workforce reports



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Where UA Graduates Work in Alaska



Aggregate of all 17,725 UA graduates included in the 9 industry workforce reports



Conclusion

UA supports Essential Worker Grant Program (SB 10)

- Providing postsecondary education funding
- Reskill and upskill Alaskans
- Support Alaska's economic recovery

Thank you

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Workforce Development

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<http://www.alaska.edu/research/wd/>