

MASTER OF SCIENCE IN ANALYTICS

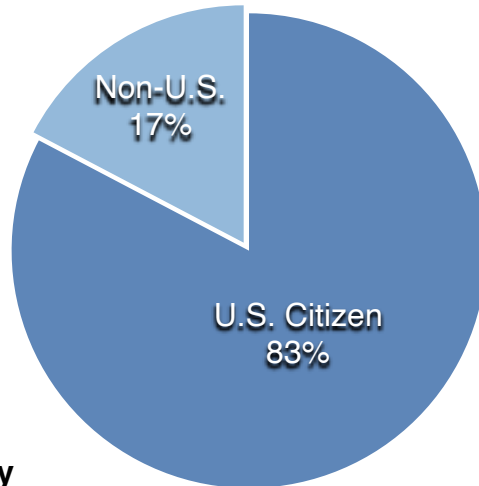
2022 ALUMNI REPORT

Number of graduates (97% graduation rate):	1,225
Percent employed in the profession:	97%
Number of employers:	438
Percent employed in the U.S.:	97%
Percent employed in North Carolina:	48%
Average / median age:	33 / 31
Percent who are U.S. citizens:	83%
Percent who are women:	40%
Employed at graduation:	94%
Average Starting Salary (current dollars)	\$109,900
Promoted since graduation (within 3 years on the job):	53%
Average time to first job promotion (months):	27
Transitioned employment one or more times:	60%
Estimated annual payroll in 2021 (in millions):	\$126.9

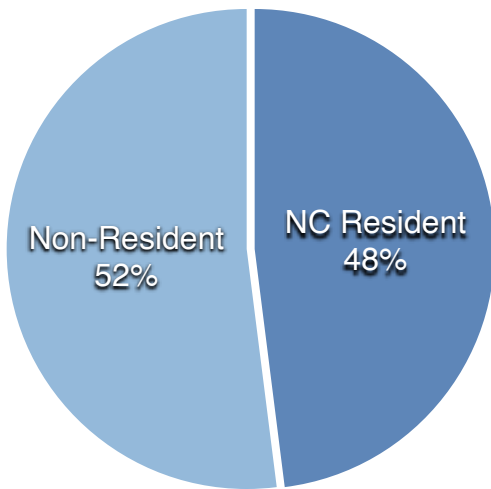
Reported as of December 1, 2022; Includes graduating classes of '08 through '22.

ALUMNI DEMOGRAPHICS

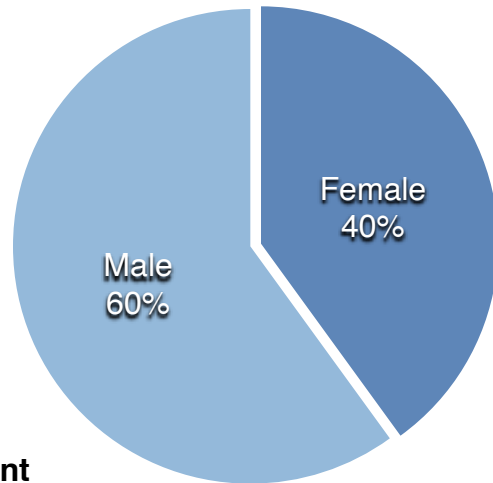
Citizenship



Current Residency

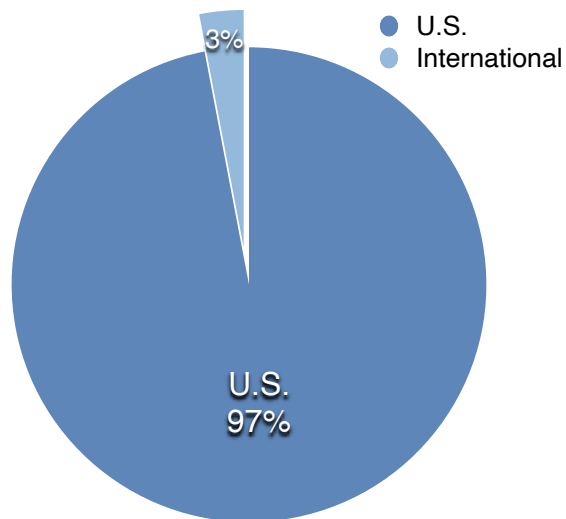


Gender

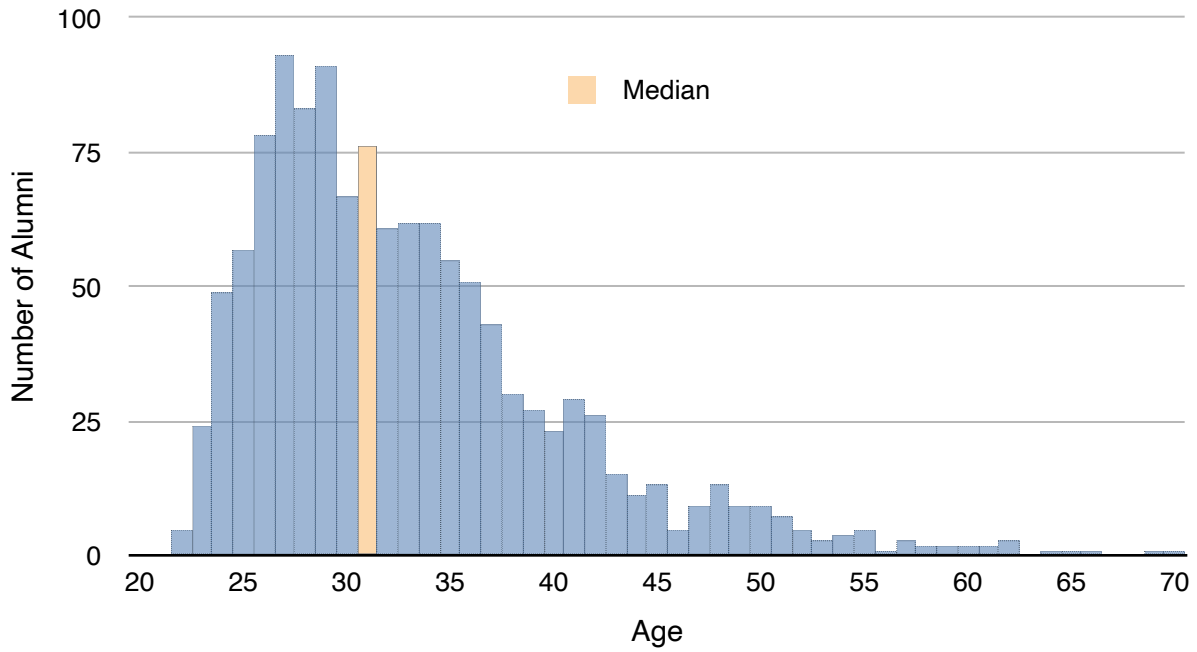


ALUMNI

U.S. Employment



Distribution by Age

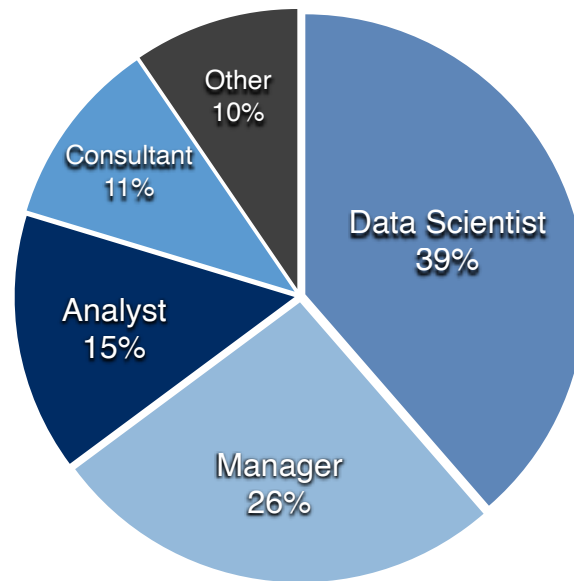


66 Countries of Origin

- | | | |
|--------------------|-------------|----------------|
| Afghanistan | France | Poland |
| Argentina | Germany | Romania |
| Armenia | Ghana | Russia |
| Australia | Greece | Saudi Arabia |
| Bangladesh | Hungary | Serbia |
| Belarus | India | Singapore |
| Belgium | Indonesia | South Korea |
| Belize | Iran | Spain |
| Bermuda | Israel | Sri Lanka |
| Brazil | Italy | Syria |
| Bulgaria | Jamaica | Taiwan |
| Canada | Jordan | Thailand |
| China | Kenya | Turkey |
| Colombia | Kyrgyzstan | Turkmenistan |
| Costa Rica | Latvia | Uganda |
| Croatia | Mexico | Ukraine |
| Czech Republic | Nepal | United Kingdom |
| Dominican Republic | Nicaragua | United States |
| Ecuador | Nigeria | Uruguay |
| Egypt | Pakistan | Uzbekistan |
| Eritrea | Peru | Venezuela |
| Ethiopia | Philippines | Vietnam |



Current Position by Major Category



Selected Positions

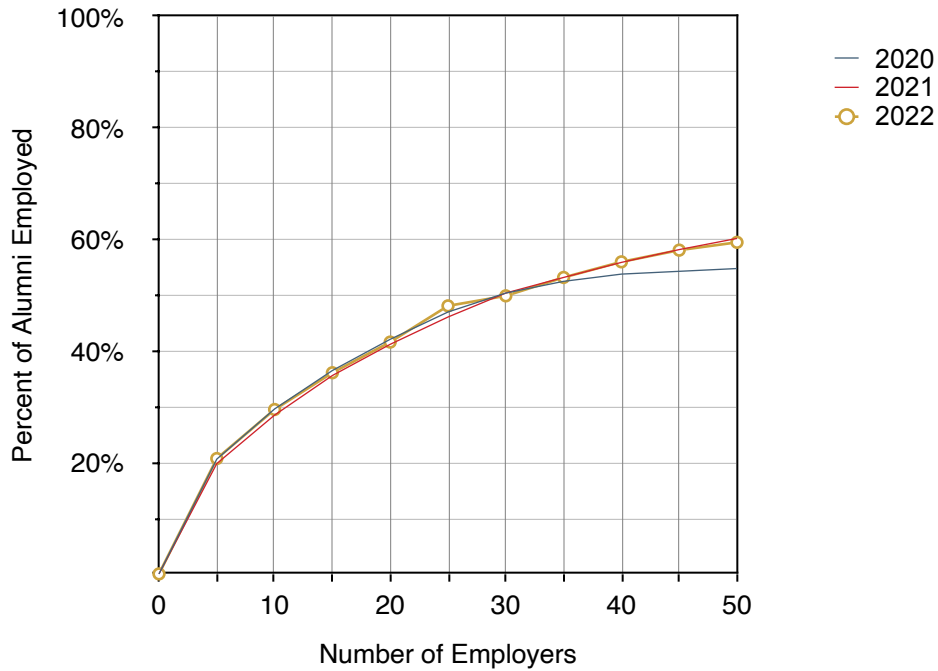
- | | |
|--|---|
| AI/ML Data Scientist | Manager, Data and Analytics |
| AI Technology Lead | Manager, Data Engineering |
| Analytics and Modeling Manager | Manager, Data Science |
| Analytics Consultant | Manager, Decision Analytics |
| Associate Data Scientist | Manager, Machine Learning |
| Business Intelligence Engineer | Manager, Quantitative Modeling |
| Chief Data Officer | Principal Analytics Engineer |
| Chief Product Officer | Principal Data Scientist |
| Co-Founder | Product Manager |
| Consultant | Research Data Scientist |
| Data & Applied Scientist | Senior Analytics Consultant |
| Data Engineer | Senior Analytics Manager |
| Data Science Manager | Senior Associate Data Scientist |
| Data Science Senior Manager | Senior Consultant |
| Data Scientist | Senior Data Scientist |
| Data Scientist Consultant | Senior Data Science Consultant |
| Data Scientist Lead | Senior Machine Learning Engineer |
| Data Scientist Manager | Senior Manager, Artificial Intelligence |
| Data Scientist Senior Consultant | Senior Manager, Data & Analytics |
| Director, Advanced Analytics | Senior Manager, Data Science |
| Director, Data Science | Senior Manager, Global Data Science |
| Director, Football Research | Senior VP, Compliance Governance |
| Director, Data Analytics and Engineering | Senior VP, Model Scoring & Data Analytics |
| Head of Applied Data Science | Staff Data Scientist |
| Head of Data | Vice President, Analytics |
| Lead Data Engineer | Vice President, Data Scientist |
| Lead Data Scientist | Vice President, Decision Science |
| Lead Machine Learning Engineer | Vice President, Lead Data Scientist |
| Machine Learning Engineer | Vice President, Head of Business Intelligence |
| Manager, Advanced Analytics | |
| Manager, Analytical Consulting | |

Top-40 Employers of Alumni

Accenture	Elder Research	Microsoft
Amazon	Elevate Credit	Pendo
Ankura	EY	PenFed Credit Union
Apple	Fidelity Investments	Red Hat
Bain & Company	Fifth Third Bank	RTI International
Bank of America	FRG	SAS
Blue Cross NC	Google	The Home Depot
Capital One	Guidehouse	The Walt Disney Company
Cigna/Evernorth	IBM	Truist
Cisco	JPMorgan Chase	US Federal Government
Credit Karma	LendingTree	Verizon
Databricks	Lowe's Companies	Wells Fargo
Dataiku	M&T Bank	
Deloitte	Meta	

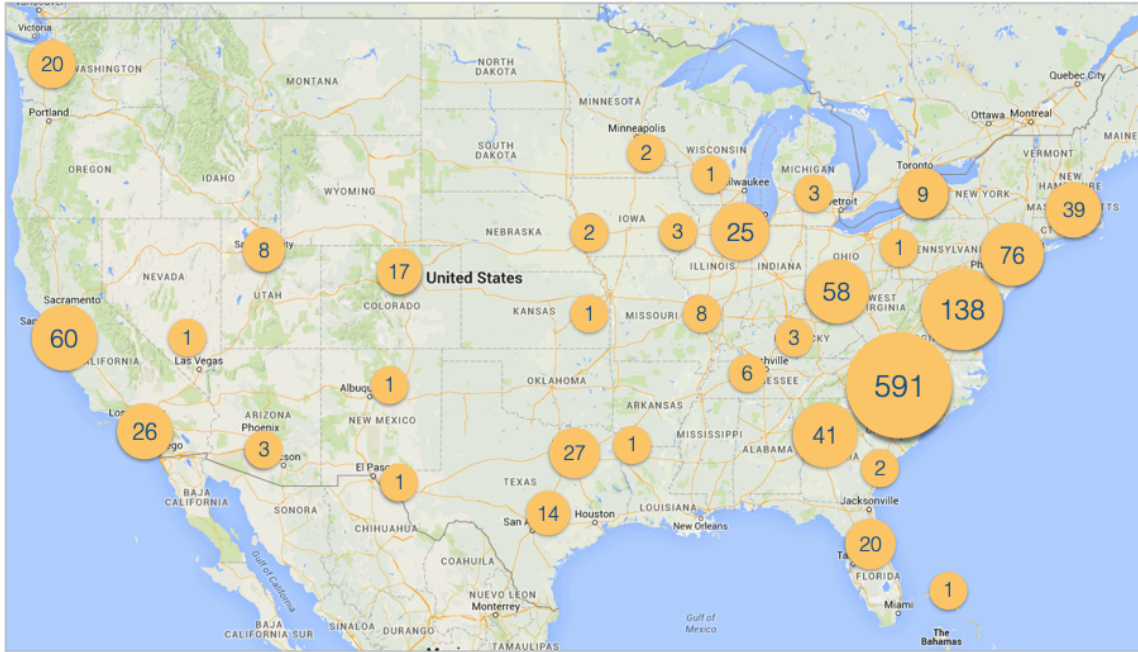
Note: There are 438 employers of alumni in total.

Alumni Concentration Among the Top-50 Employers

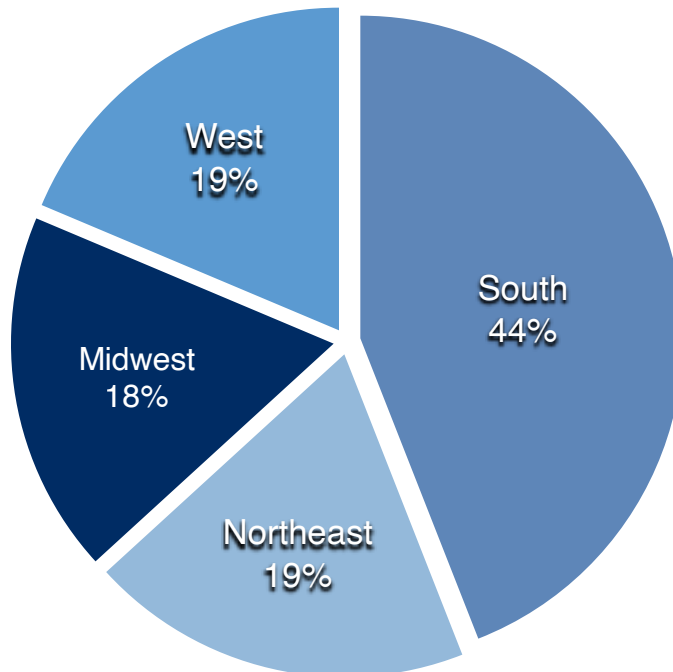


Note: The top-30 employers account for half of all employment among alumni.

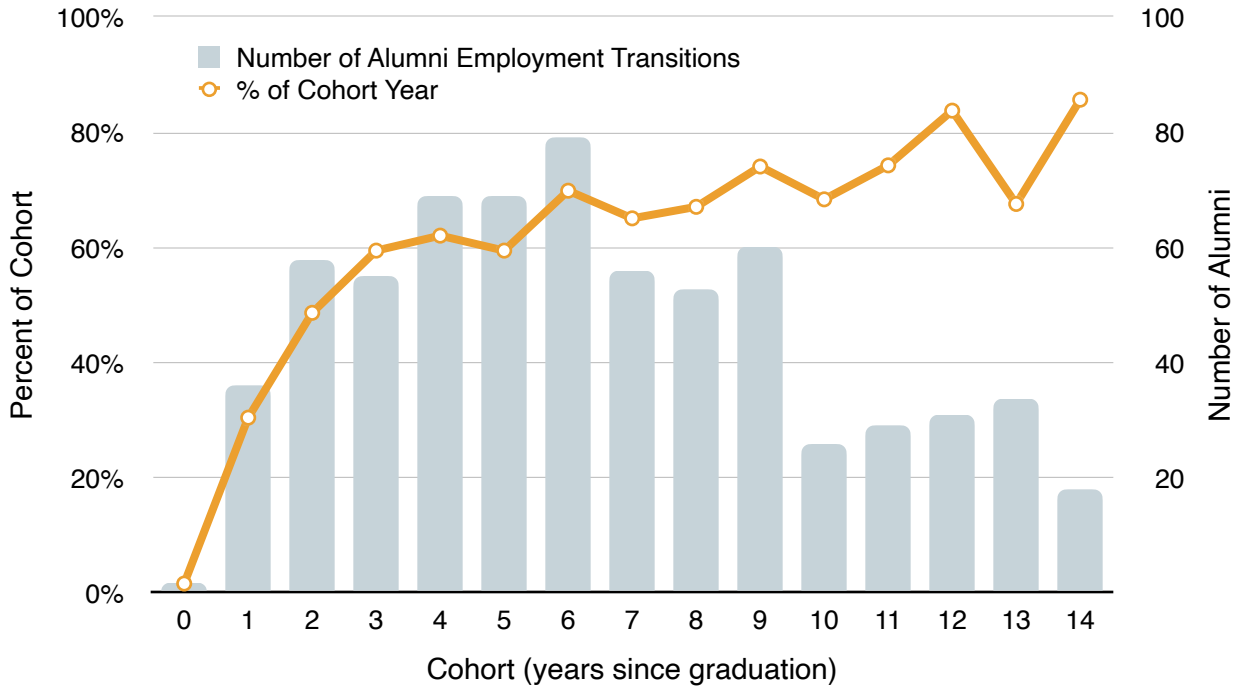
Geographic Distribution of Employment within U.S.



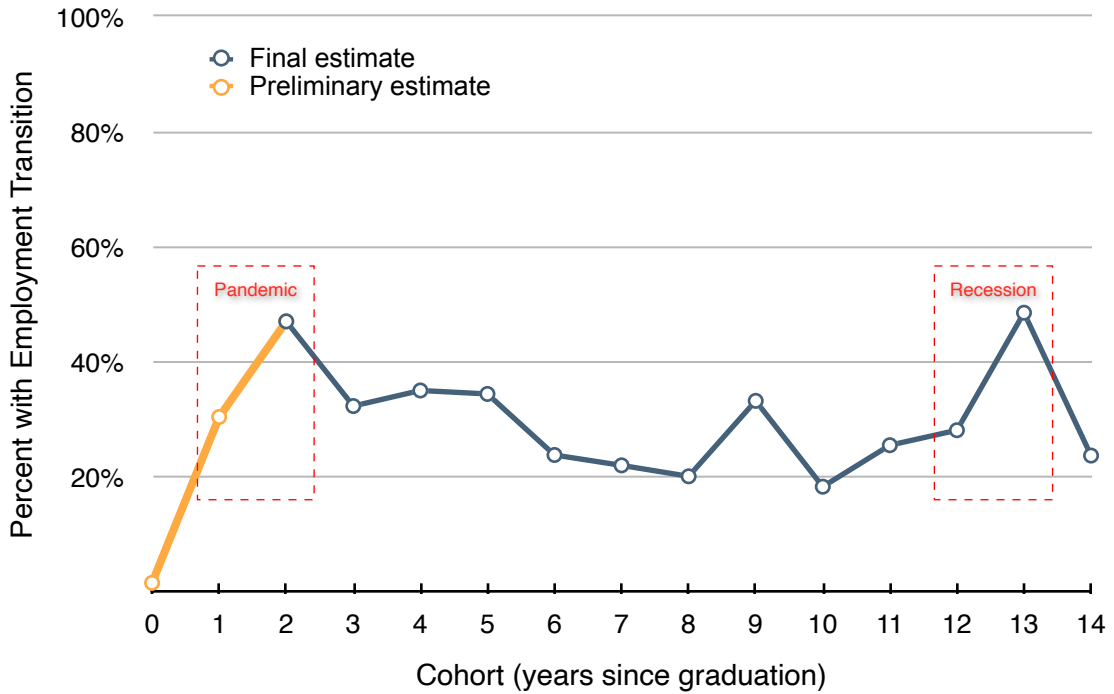
Distribution of Employment Outside North Carolina by U.S. Geographic Region



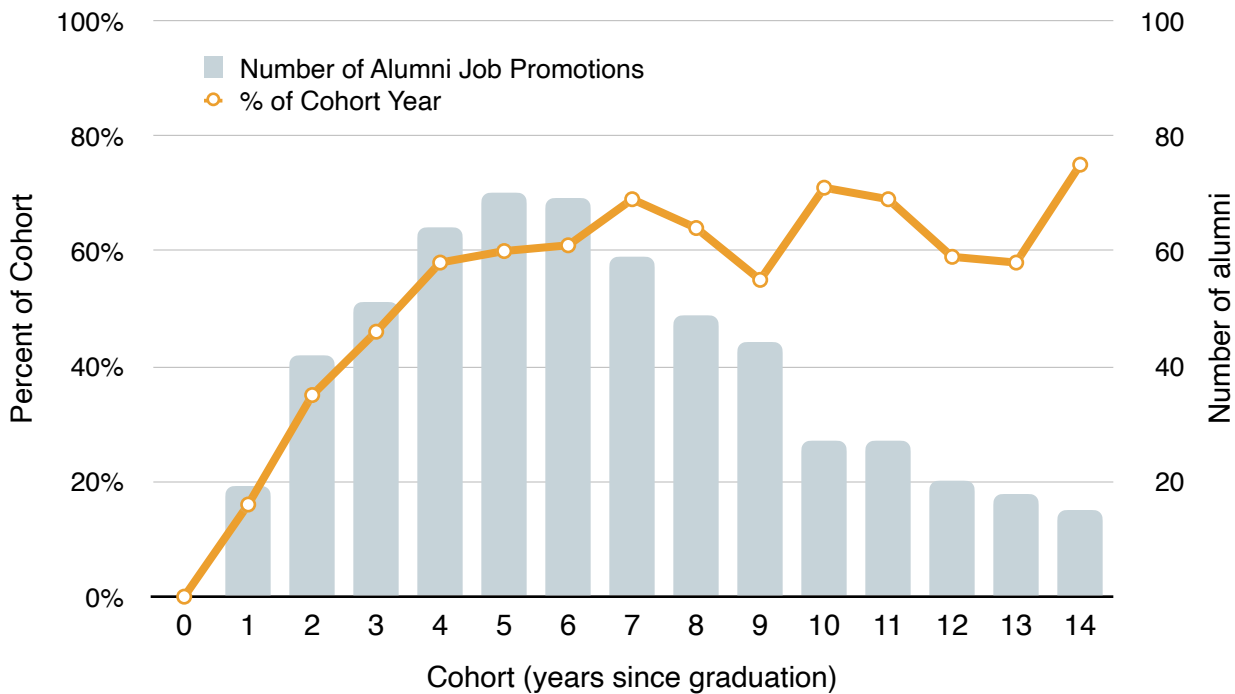
First Employment Transition by Cohort



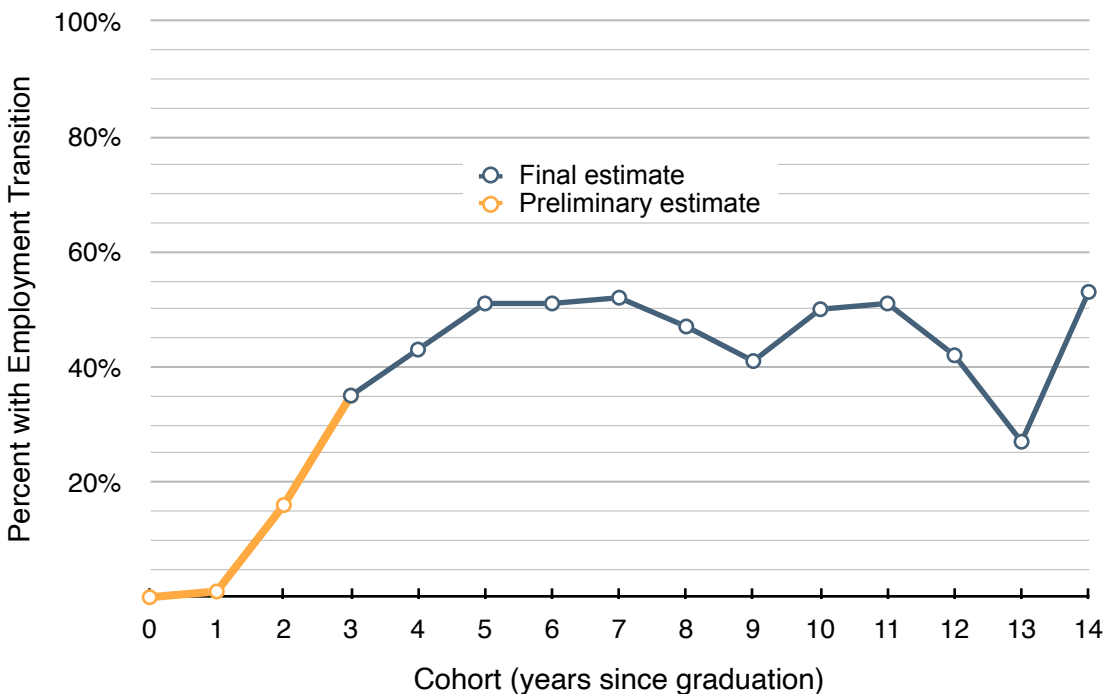
Percent of Cohort with the First Employment Transition Occurring Within 2 Years of Graduation

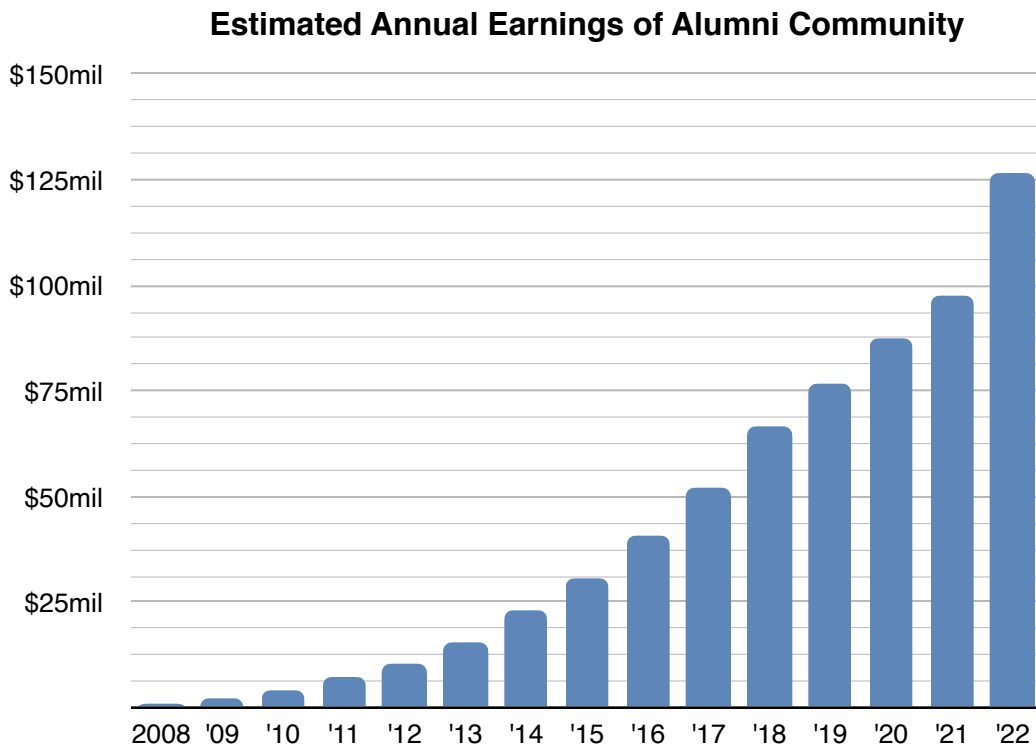
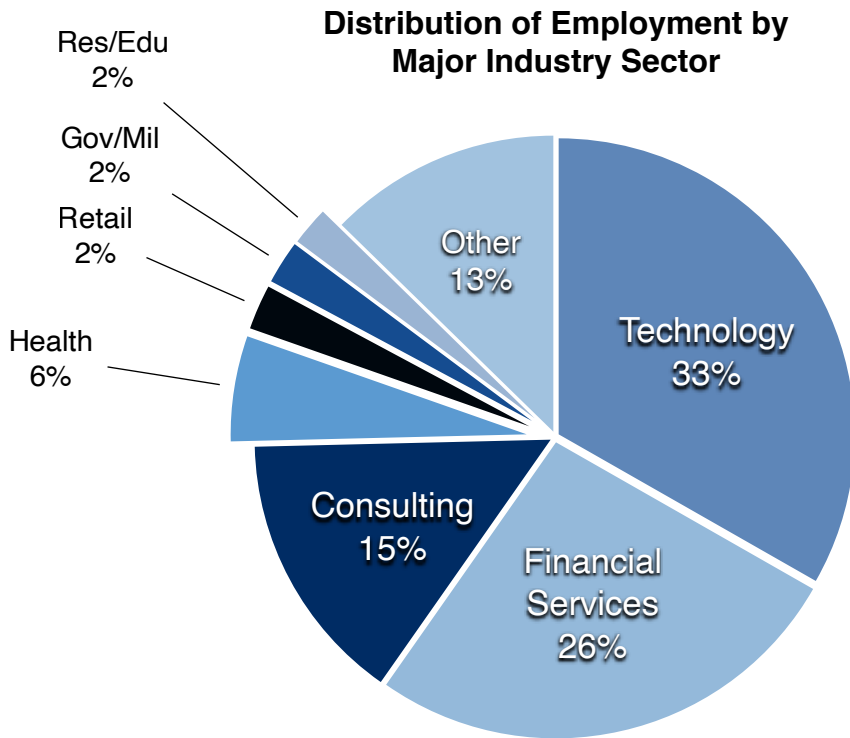


First Job Promotion by Cohort



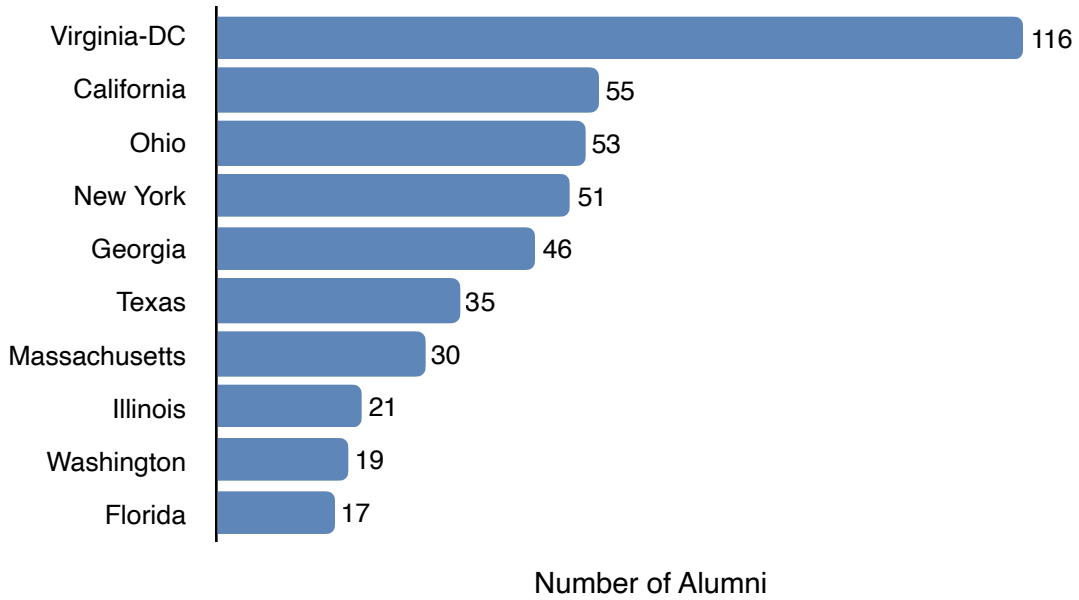
Percent of Cohort with the First Job Promotion Occurring Within 3 Years of Graduation



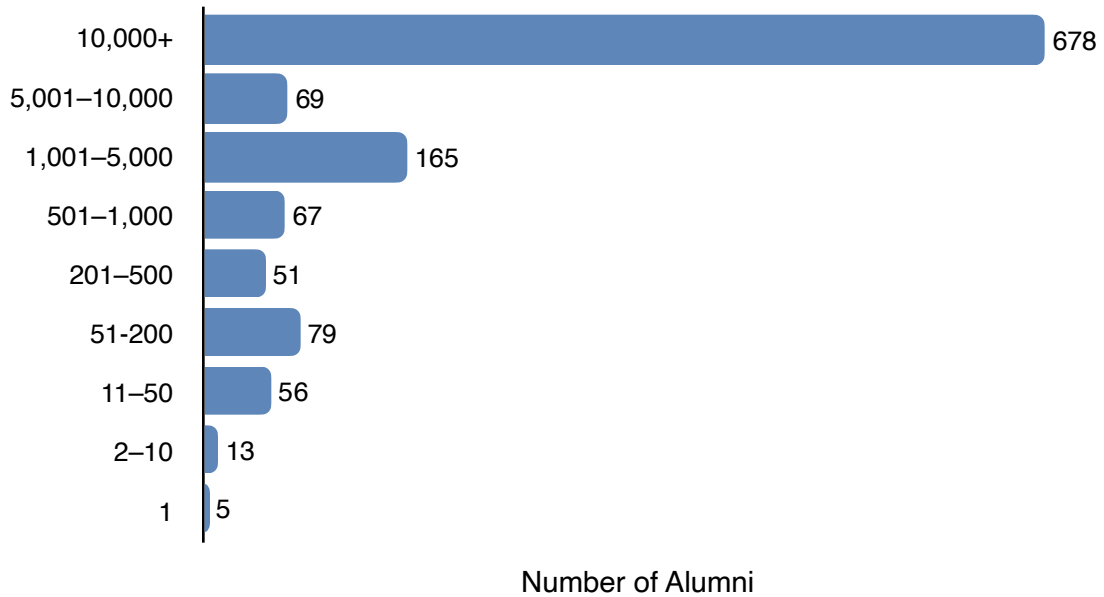


Note: Estimate is based on individual starting salaries adjusted for inflation.

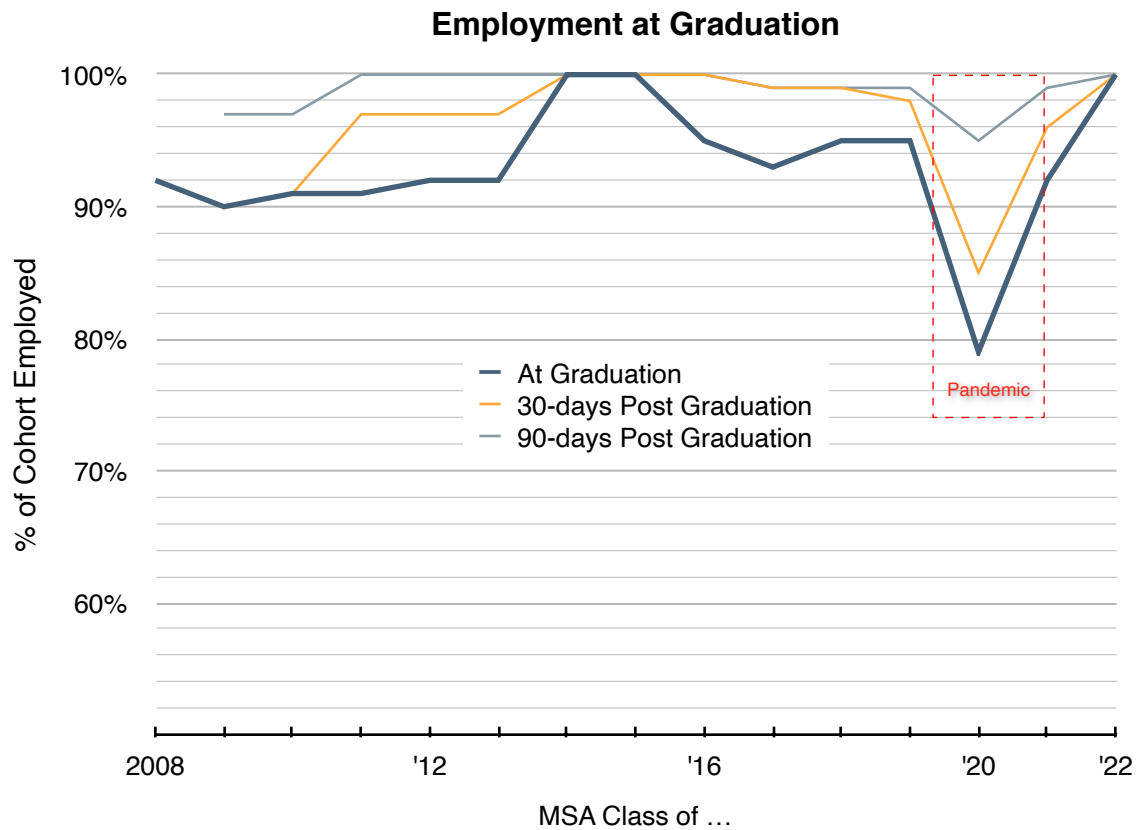
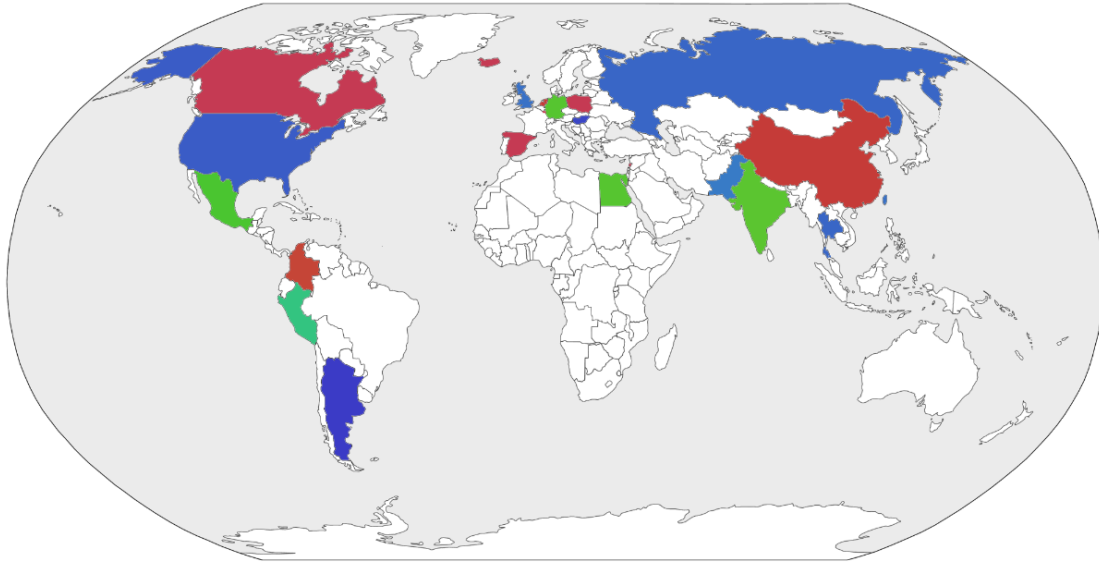
Top 10 States – Geographic Distribution of Employment Outside North Carolina, By State



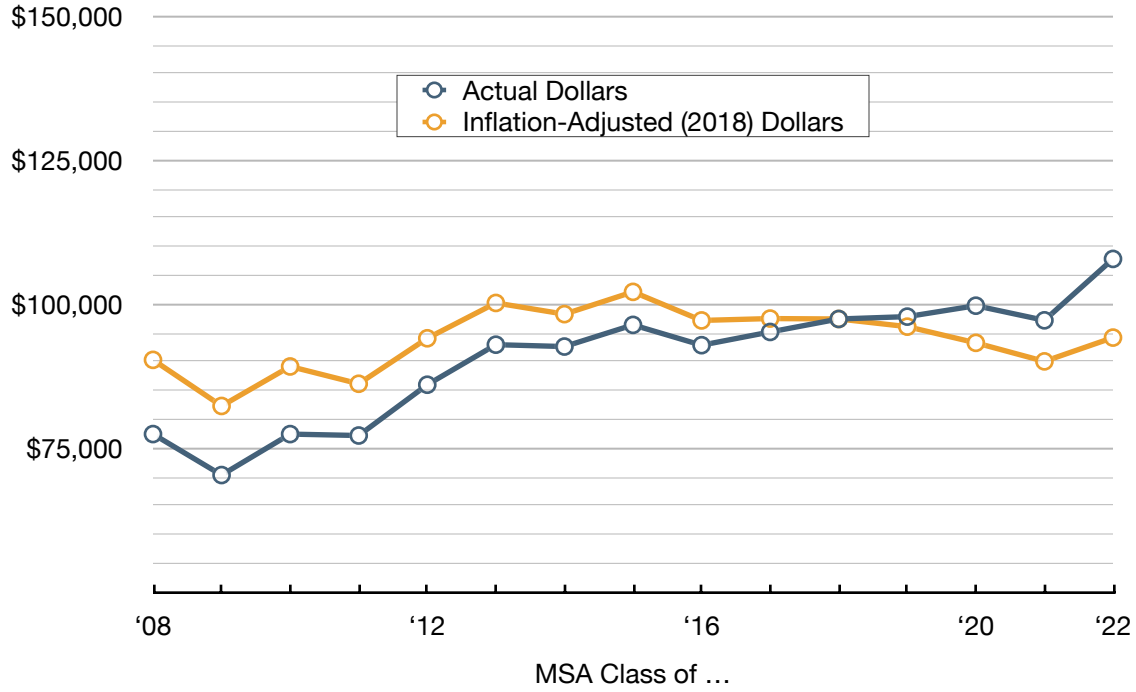
Distribution of Alumni By Size of Employer (Number of Employees)



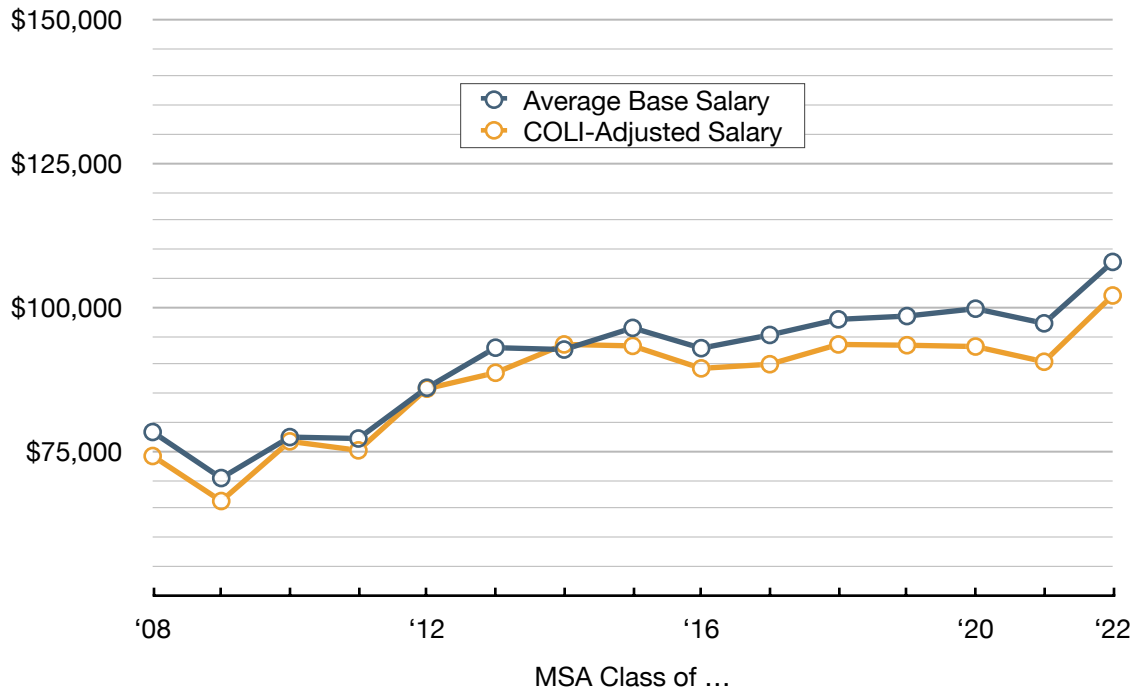
Global Employment Locations



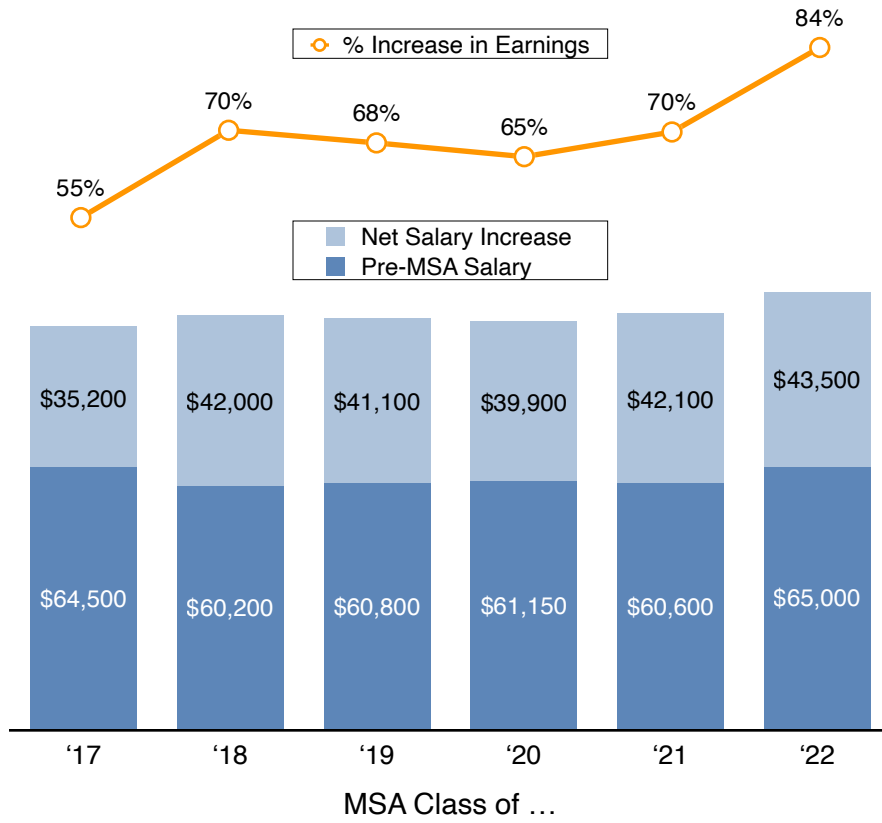
INFLATION-ADJUSTED AVERAGE BASE SALARY BY COHORT YEAR



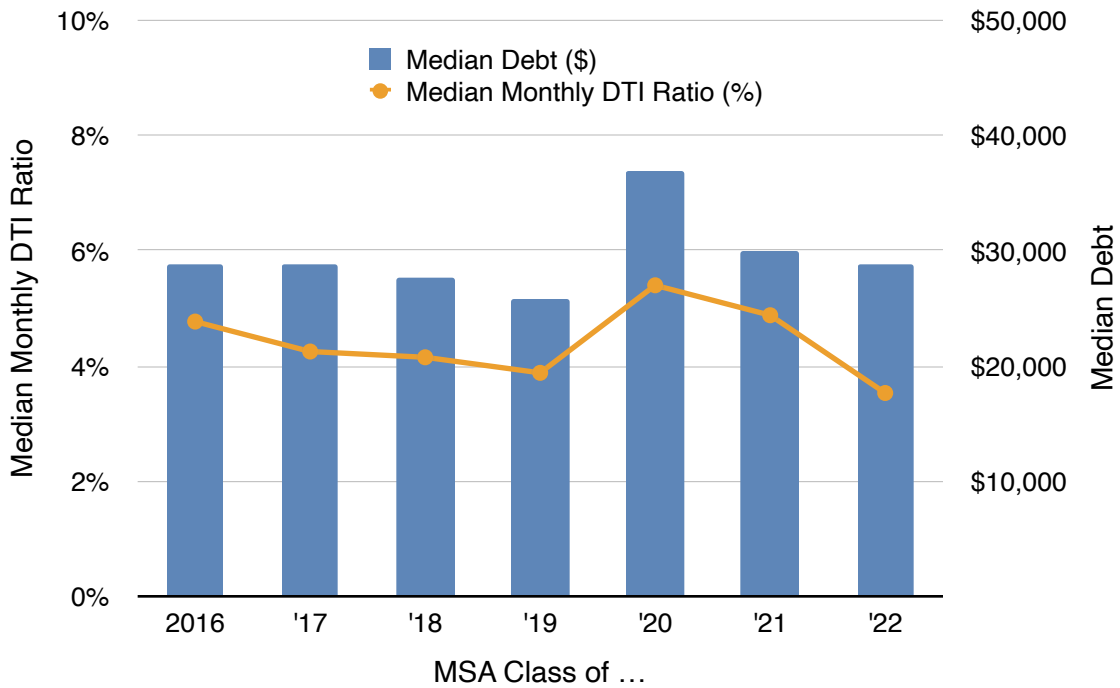
COST OF LIVING INDEX (COLI) ADJUSTED AVERAGE BASE SALARY BY LOCATION OF EMPLOYMENT

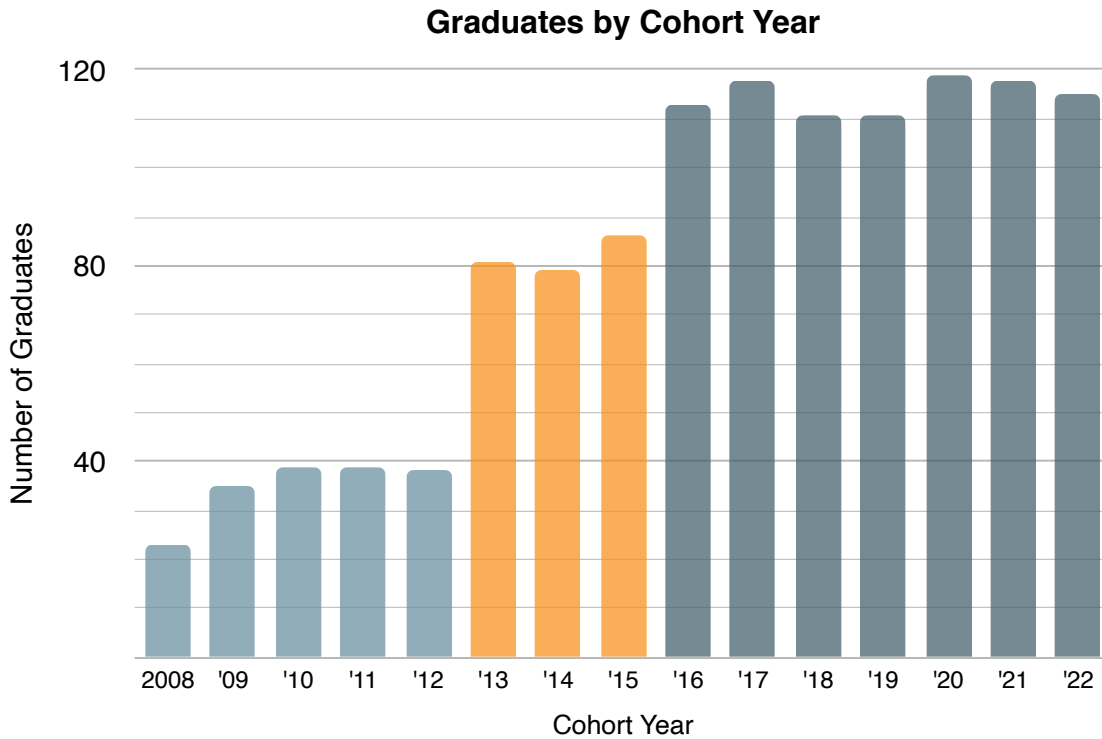


NET INCREASE IN EARNINGS FOR PREVIOUSLY EMPLOYED ALUMNI



Median Debt and Monthly Debt to Income (DTI) Ratio





About the Data

Data in this report are compiled primarily from two sources: (1) Institute records on admissions and employment published annually; and (2) Information on current employment, including transitions and promotions, gathered from alumni profiles on LinkedIn. Among alumni, over 95% maintain a LinkedIn profile.

Institute generated measurements are typically a census of each cohort year with carefully curated data for completeness and accuracy.

Though imperfect, data culled from LinkedIn may be useful in discerning trends over time keeping in mind the limitations. While a significant portion of the alumni population maintain up-to-date and detailed profiles, there are cases where the profile is updated sporadically or provides only rudimentary details about employers and positions. In a small number of cases it is evident a profile has been stagnant since graduation. Individuals may be more likely to make timely updates to their profile when significant career changes happen, such as employer transitions, and slightly less so when receiving career ladder promotions.

NC STATE UNIVERSITY

Source URL: <http://analytics.ncsu.edu/reports/alumni/MSA2022.pdf>