

MASTER OF SCIENCE IN ANALYTICS

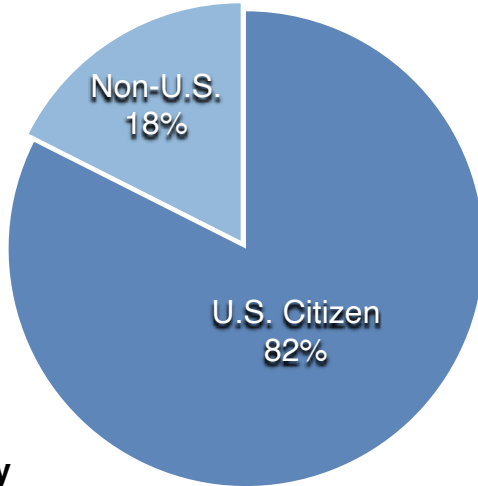
2021 ALUMNI REPORT

Number of graduates (97% graduation rate):	1,110
Percent employed in the profession:	97%
Number of employers:	394
Percent employed in the U.S.:	97%
Percent employed in North Carolina:	48%
Average / median age:	33 / 31
Percent who are U.S. citizens:	82%
Percent who are women:	41%
Employed at graduation:	93%
Average Starting Salary (inflation-adjusted 2018 dollars)	\$95,400
Promoted since graduation (within 3 years on the job):	50%
Average time to first job promotion (months):	27
Transitioned employment one or more times:	53%
Estimated annual payroll in 2021 (in millions):	\$97.9

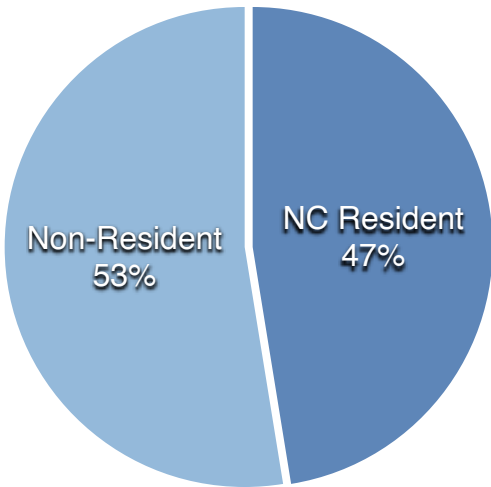
Reported as of December 31, 2021; Includes graduating classes of '08 through '21.

ALUMNI DEMOGRAPHICS

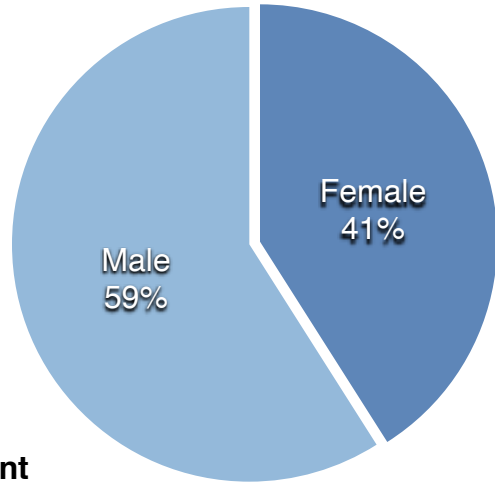
Citizenship



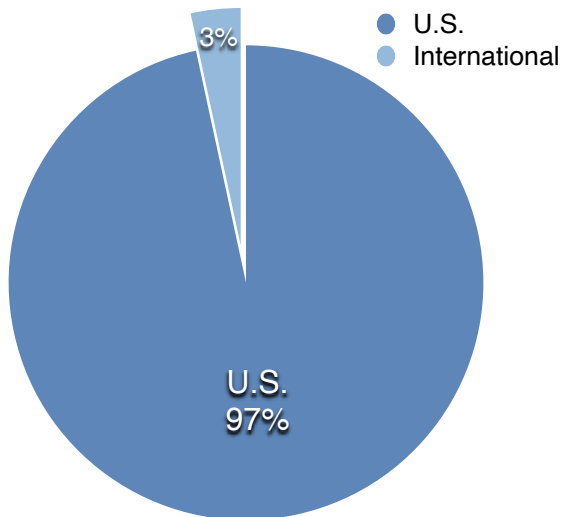
Current Residency



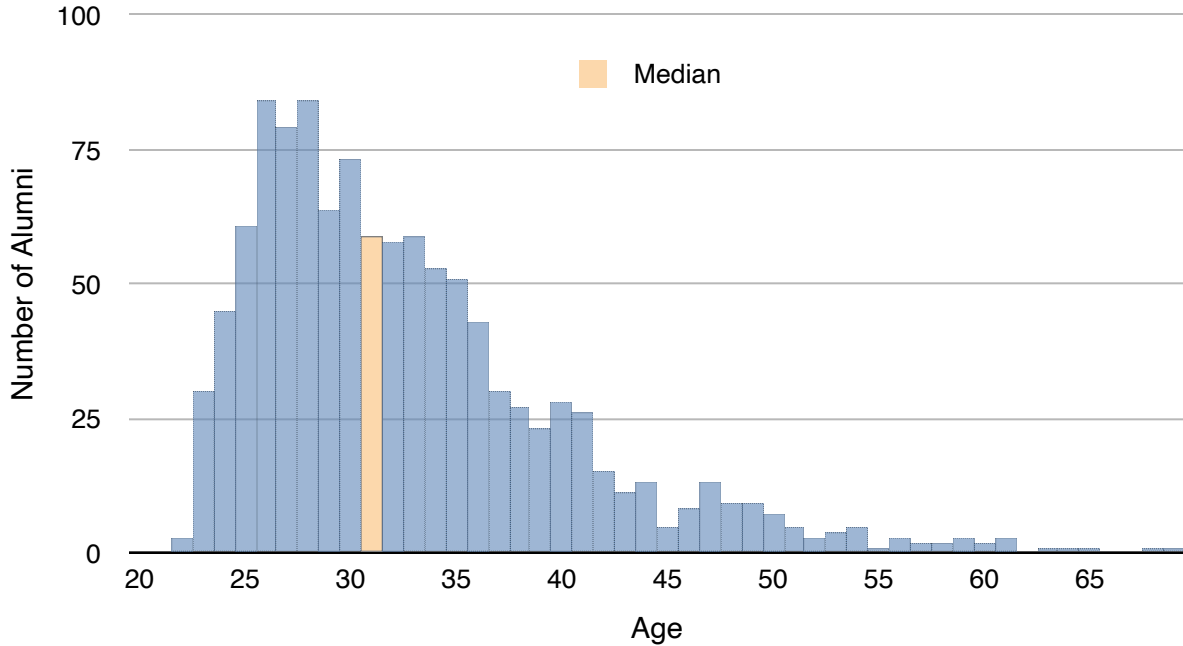
Gender



U.S. Employment



Distribution by Age

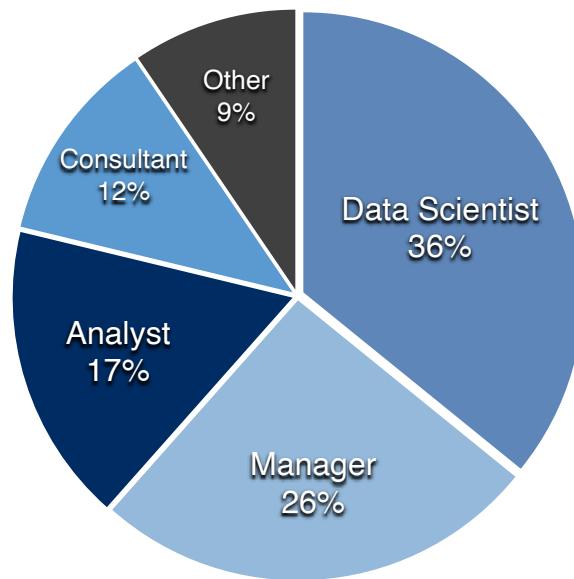


66 Countries of Origin

- | | | |
|--------------------|-------------|----------------|
| Afganistan | 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

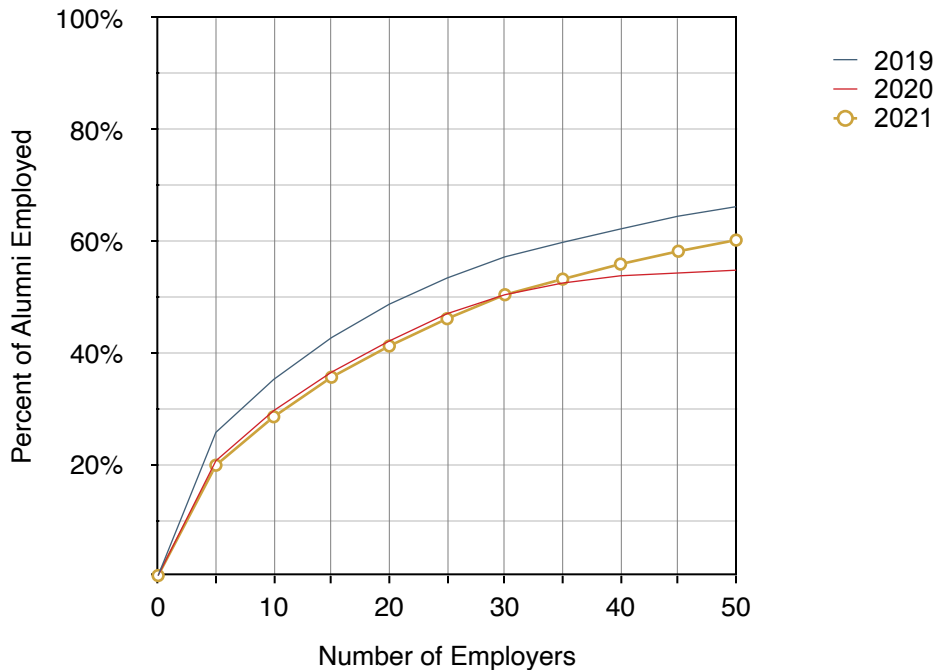
AI/ML Data Scientist	Manager, Applied AI
AI Engineer	Manager, Customer Insights
Analytics and Modeling Manager	Manager, Data and Analytics
Analytics Consultant	Manager, Data Engineering
Associate Data Scientist	Manager, Data Science
Business Data Scientist	Manager, Decision Analytics
Consultant	Manager, Machine Learning
Data & Applied Scientist	Manager, Reporting and Analytics
Data Engineer	Principal Analyst, Data Science
Data Science Manager	Principal Data Scientist
Data Science Senior Advisor	Product Manager
Data Science Specialist	Research Data Scientist
Data Scientist	Senior Analytics Consultant
Data Scientist Consultant	Senior Analytics Manager
Data Scientist Lead	Senior Associate Data Scientist
Data Scientist Manager	Senior Consultant
Data Scientist Senior Consultant	Senior Data Scientist
Director, Artificial Intelligence	Senior Data Science Consultant
Director, Data and Analytics	Senior Machine Learning Engineer
Director, Data Science	Senior Manager, Artificial Intelligence
Director, Football Research	Senior Manager, Data & Analytics
Director, Head of Enterprise Data Science	Senior Manager, Data Science
Head of Data and Analytics	Senior Manager, Global Data Science
Head of Risk Management	Senior VP, Compliance Governance
Lead Data Engineer	Senior VP, Model Scoring & Data Analytics
Lead Data Scientist	Senior Statistician
Lead Machine Learning Engineer	Vice President, Analytics
Machine Learning Engineer	Vice President, Data Scientist
Machine Learning Scientist	Vice President, Decision Science
Manager, Advanced Analytics	Vice President, Head of Product

Top-50 Employers of Alumni

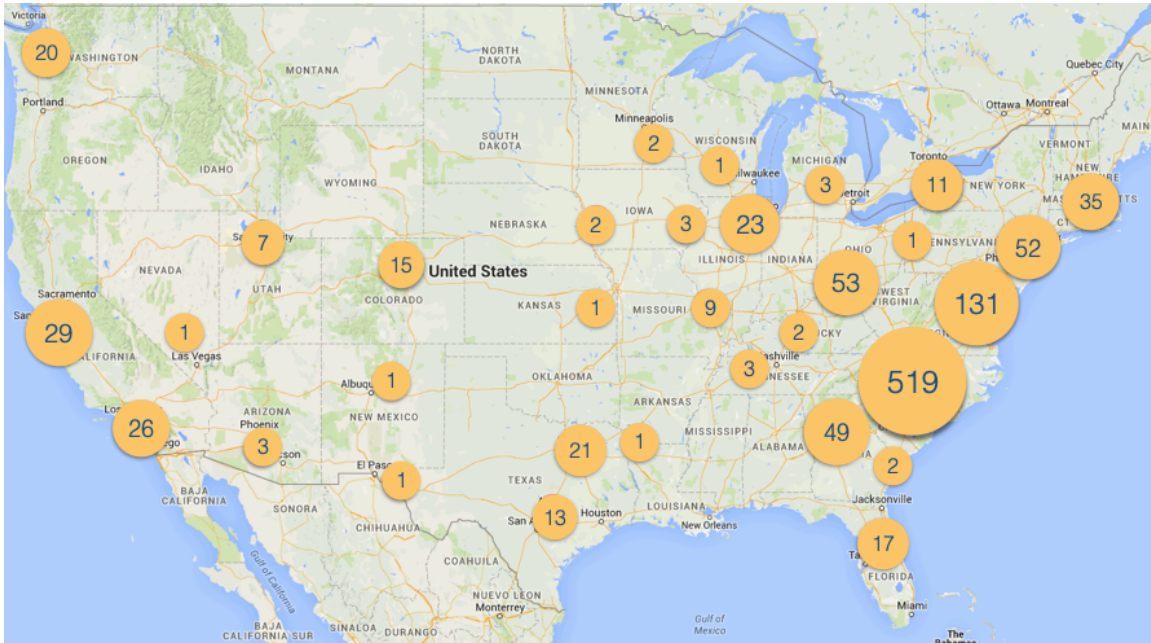
Accenture	Elder Research	NCJUA
Ally	Elevate Credit	Pendo.io
Amazon	EY	PenFed Credit Union
Ankura	Fidelity Investments	Q2
Bain & Company	Fifth Third Bank	Red Hat
Bank of America	GlaxoSmithKline	Red Ventures
Blue Cross NC	Google	RTI International
Booz Allen Hamilton	Guidehouse	SAS
Capital One	IBM	Siemens Healthineers
Cigna	JPMorgan Chase	Slalom
Cisco	LendingTree	The Home Depot
Citi	LexisNexis	The Walt Disney Company
Community Care of NC	Lowe's Companies	Truist
Dataiku	M&T Bank	US Government
Deloitte	McKinsey & Company	Verizon
DISH Network	Meta (Facebook)	Wells Fargo
Duke University	Microsoft	

Note: The top-50 employers account for 60% of all employment among alumni.
There are 394 employers of alumni in total.

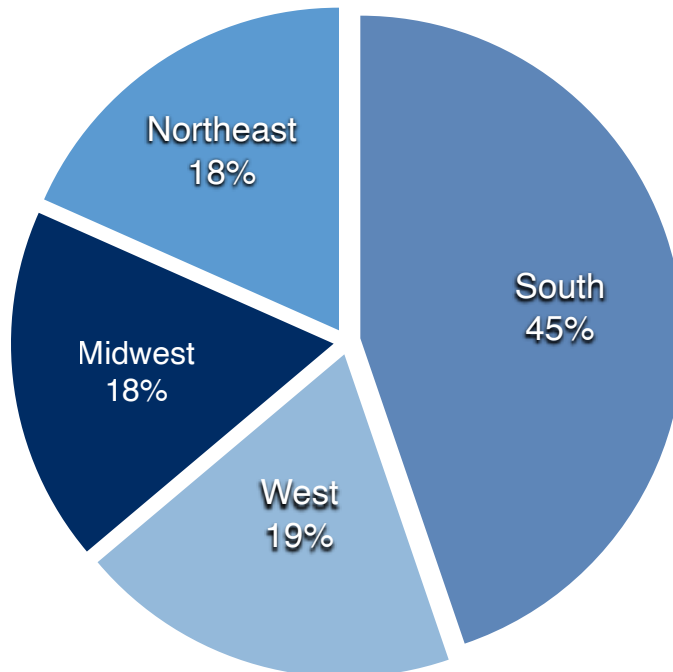
Alumni Concentration Among the Top-50 Employers



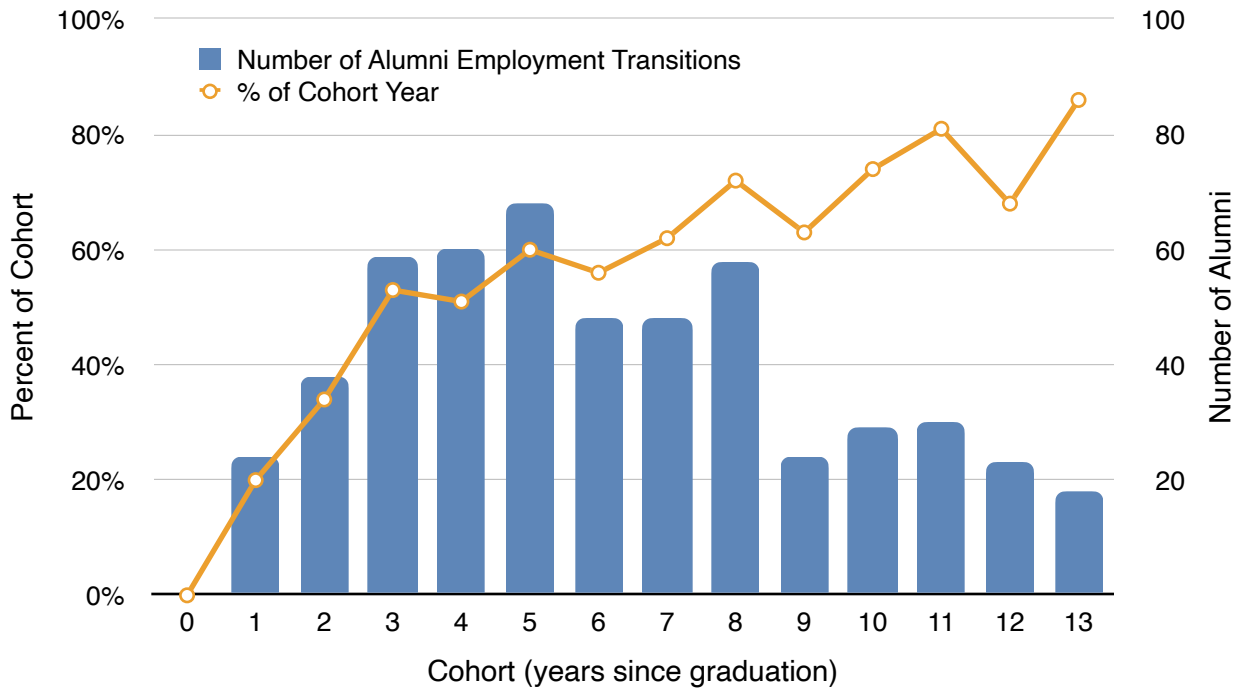
Geographic Distribution of Employment within U.S.



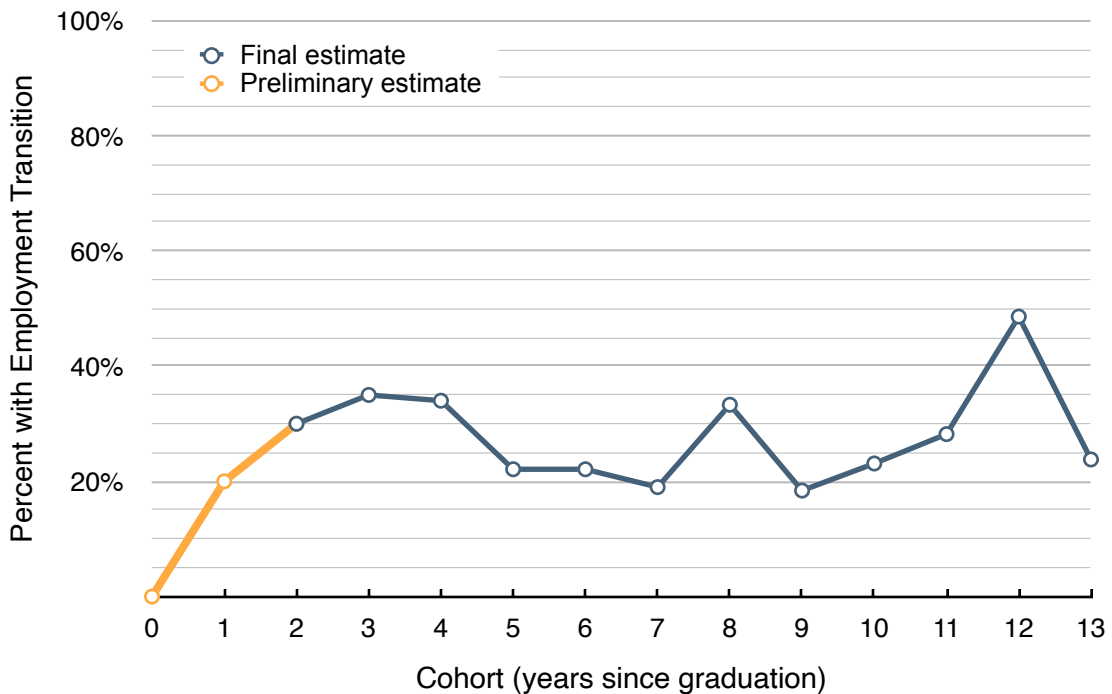
Distribution of Employment Outside North Carolina by U.S. Geographic Region



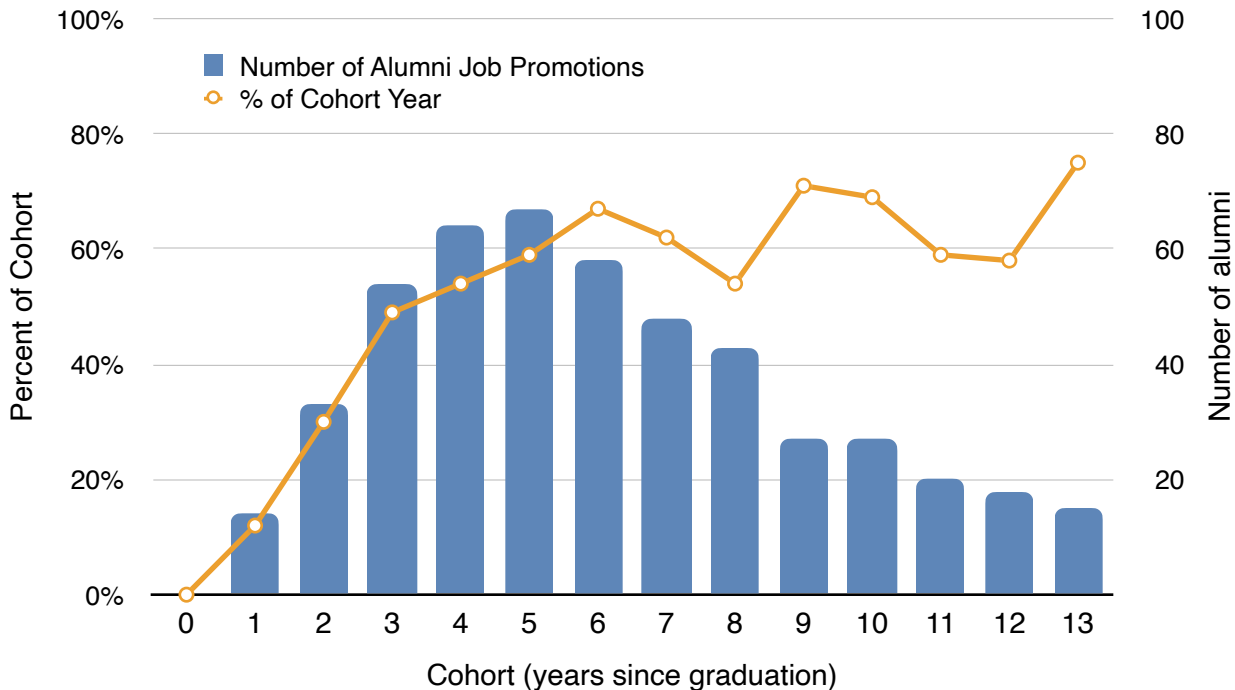
First Employment Transition by Cohort



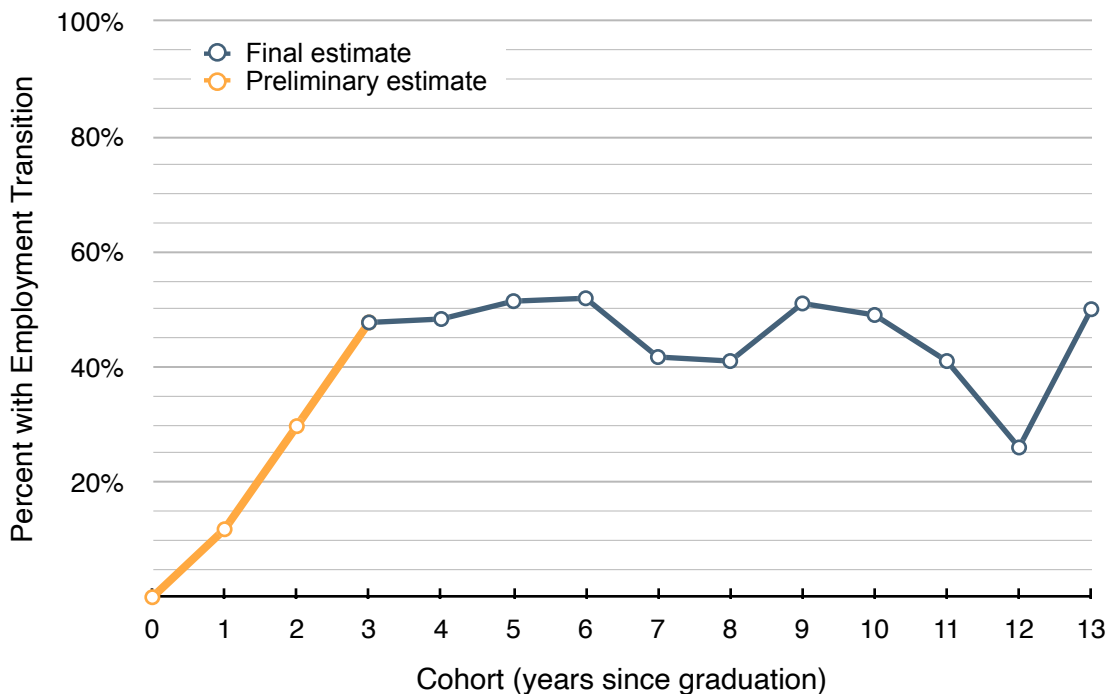
Percent of Cohort with the First Employment Transition Occurring Within 2 Years of Graduation

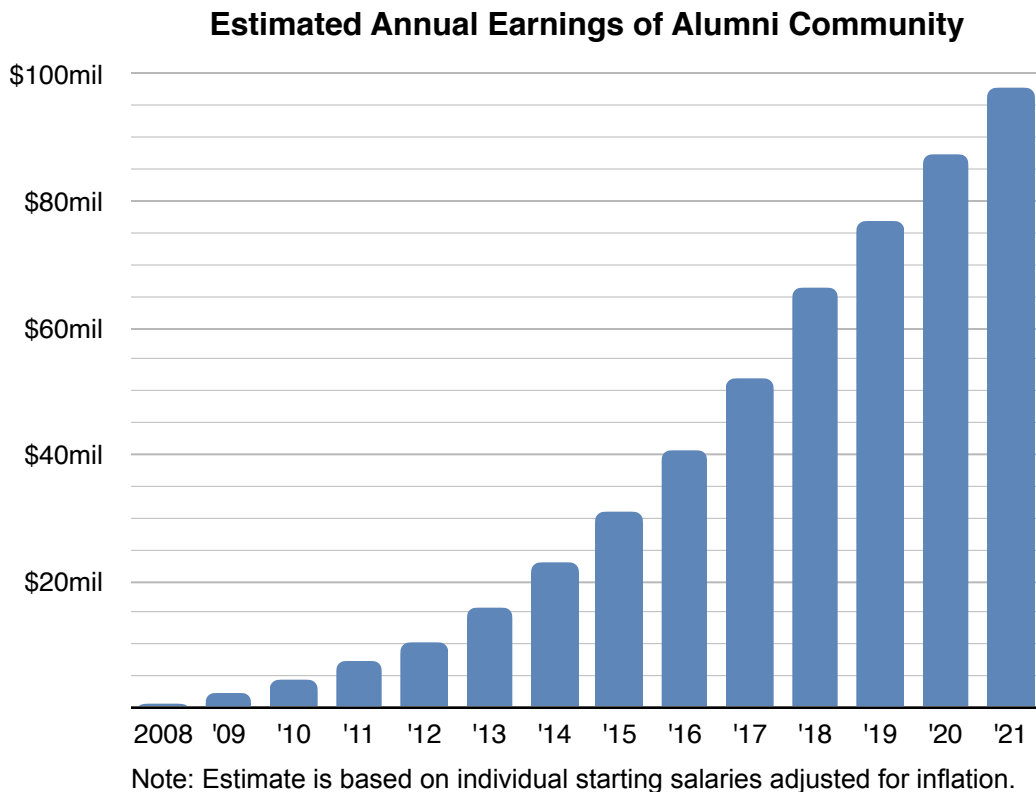
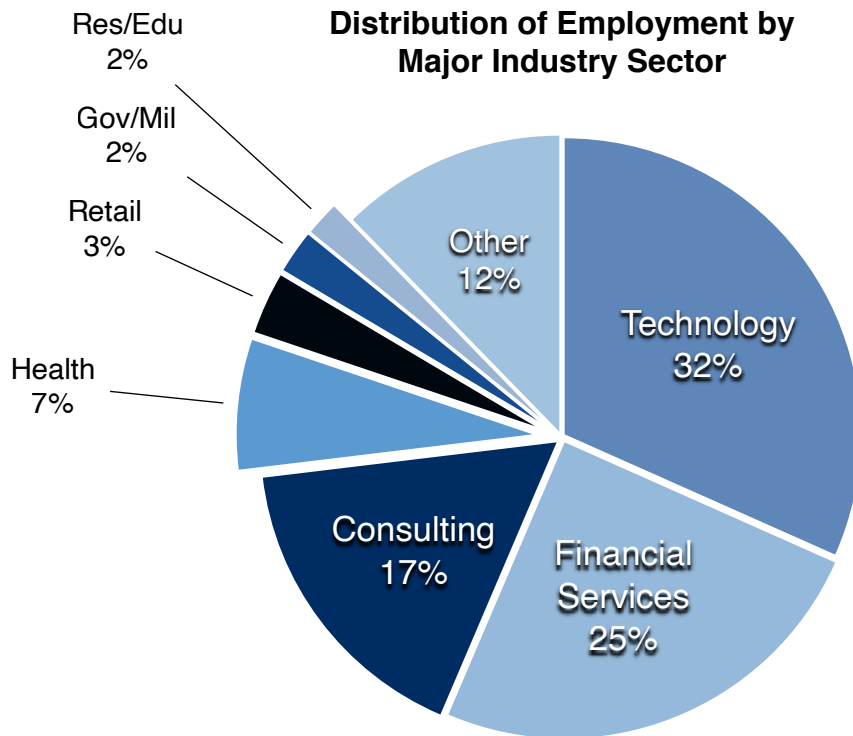


First Job Promotion by Cohort

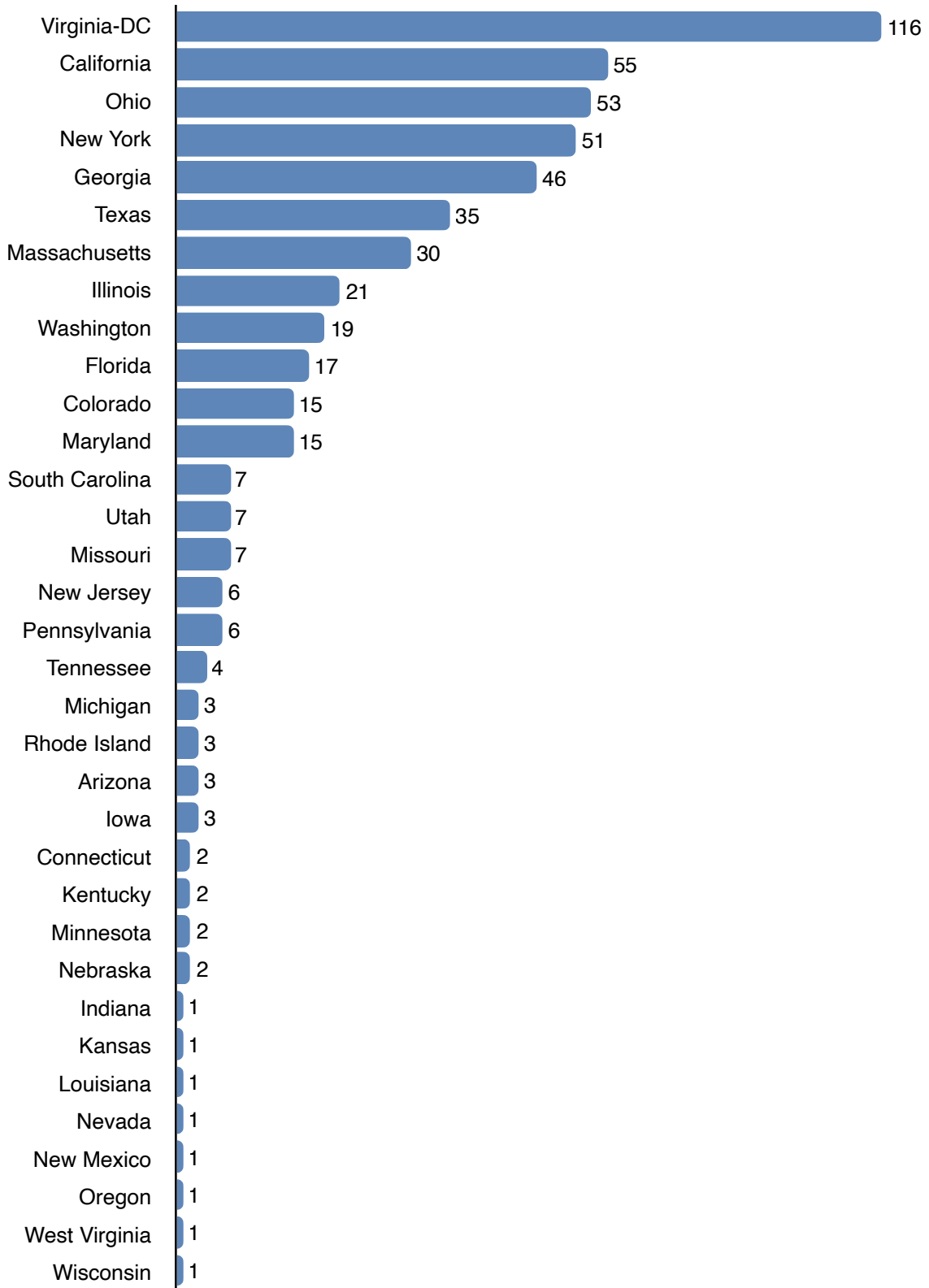


Percent of Cohort with the First Job Promotion Occurring Within 3 Years of Graduation



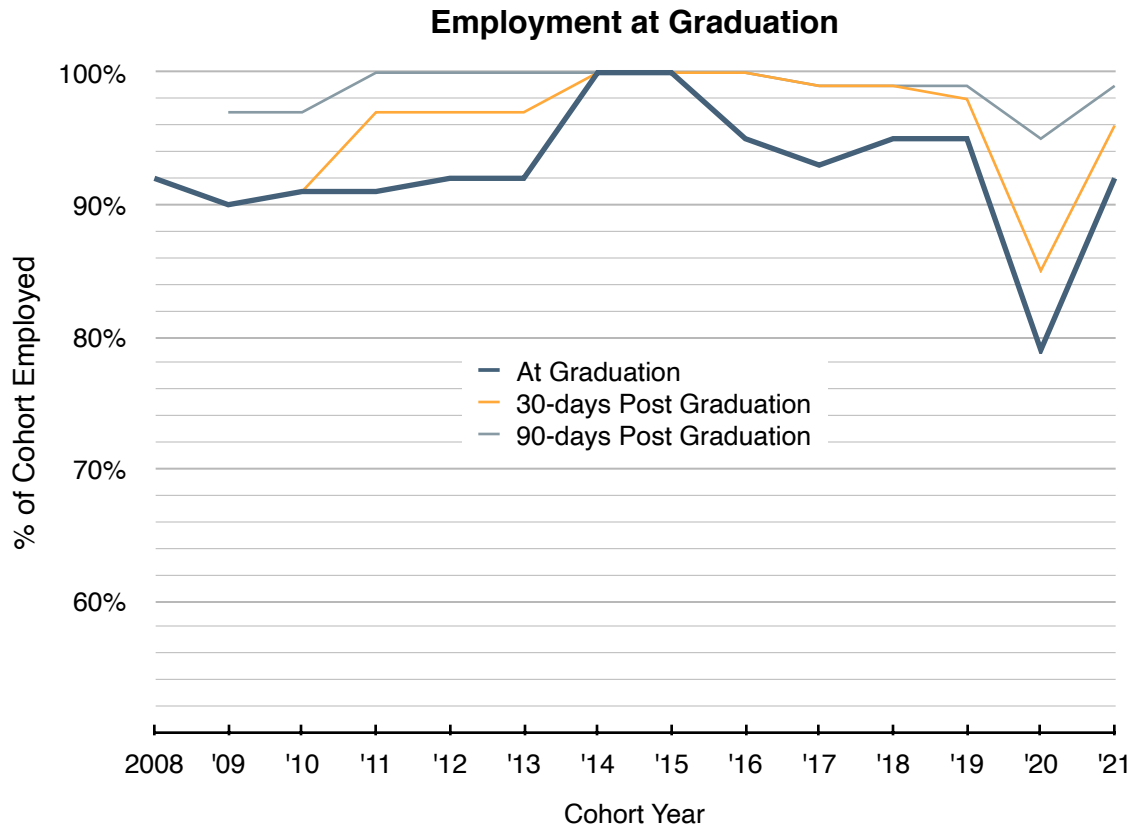
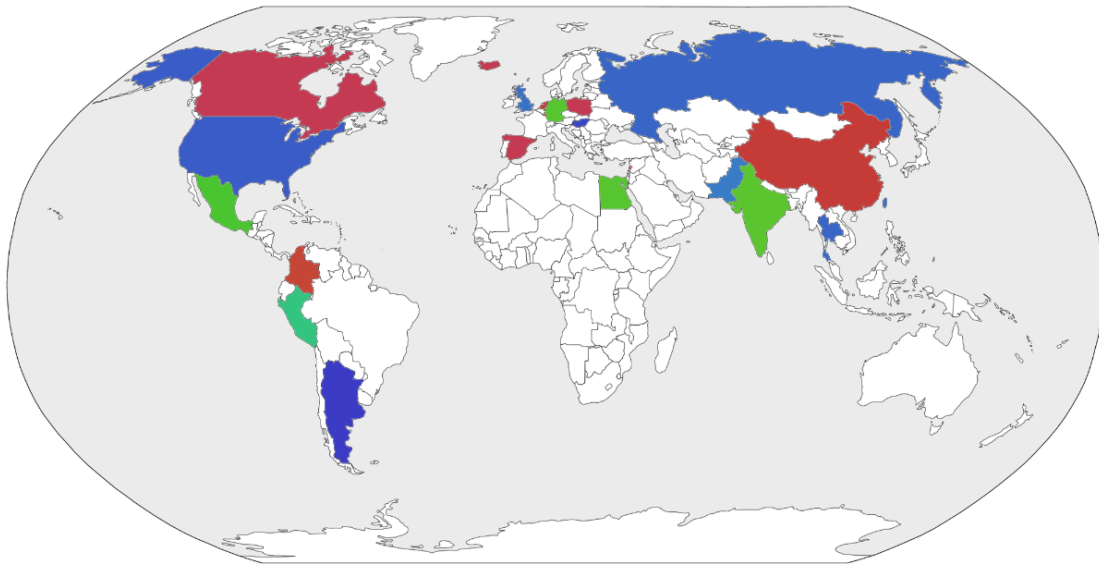


Geographic Distribution of Employment Outside North Carolina, By State

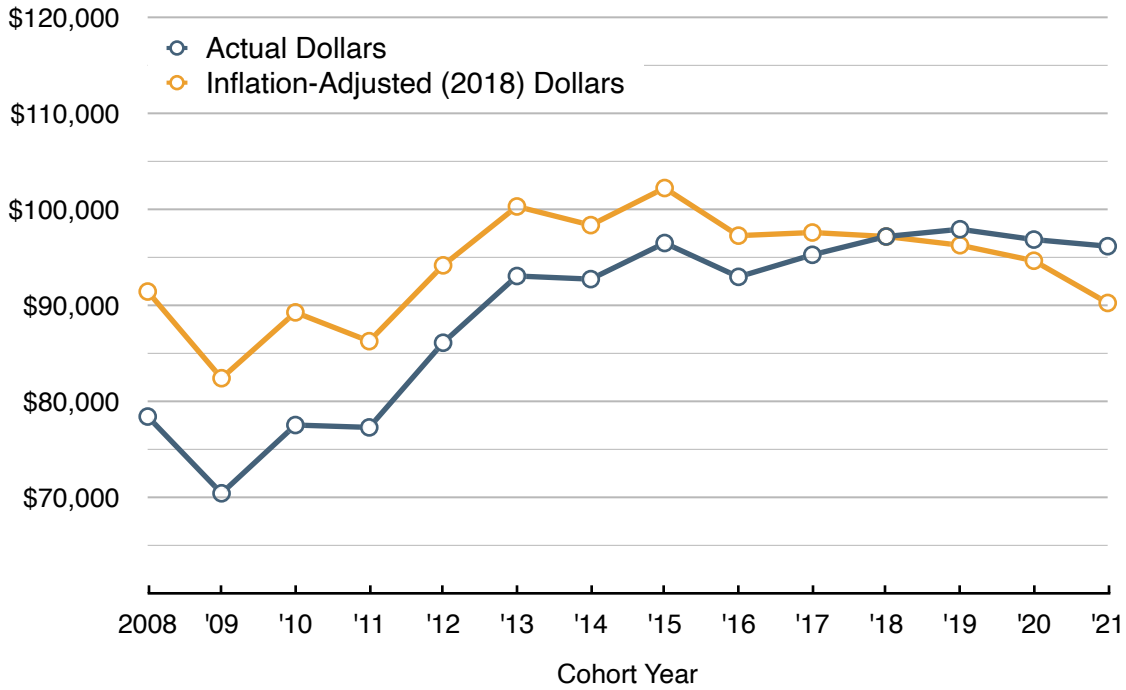


Number of Alumni

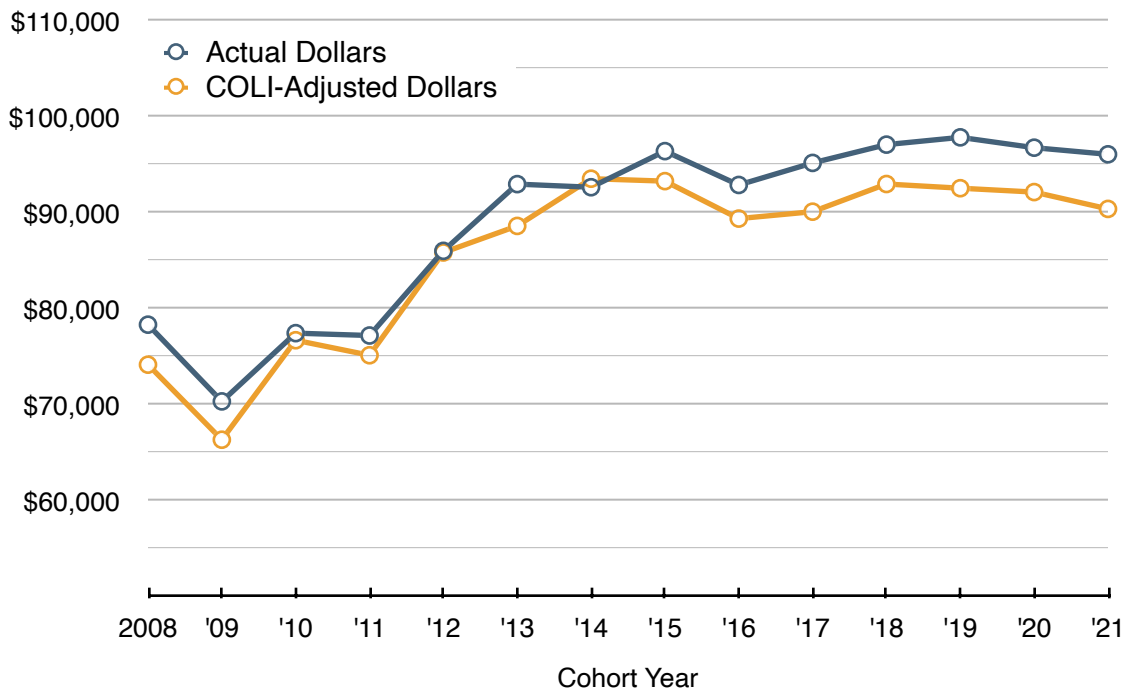
Global Employment Locations



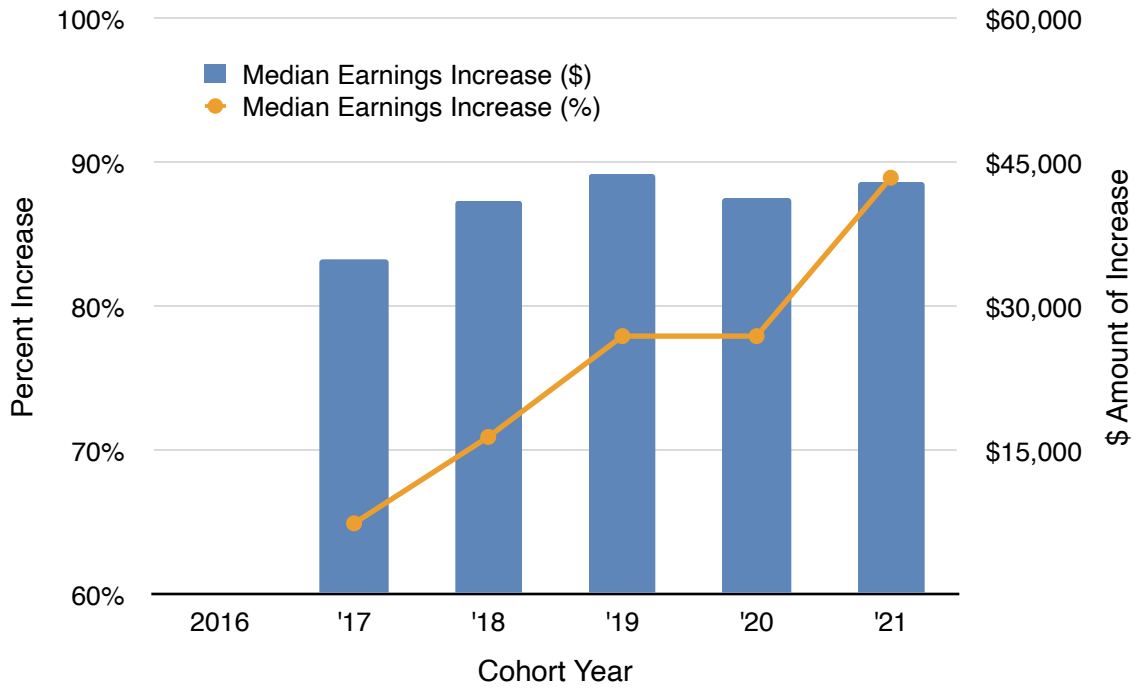
Inflation-Adjusted Average Starting Salary by Cohort Year



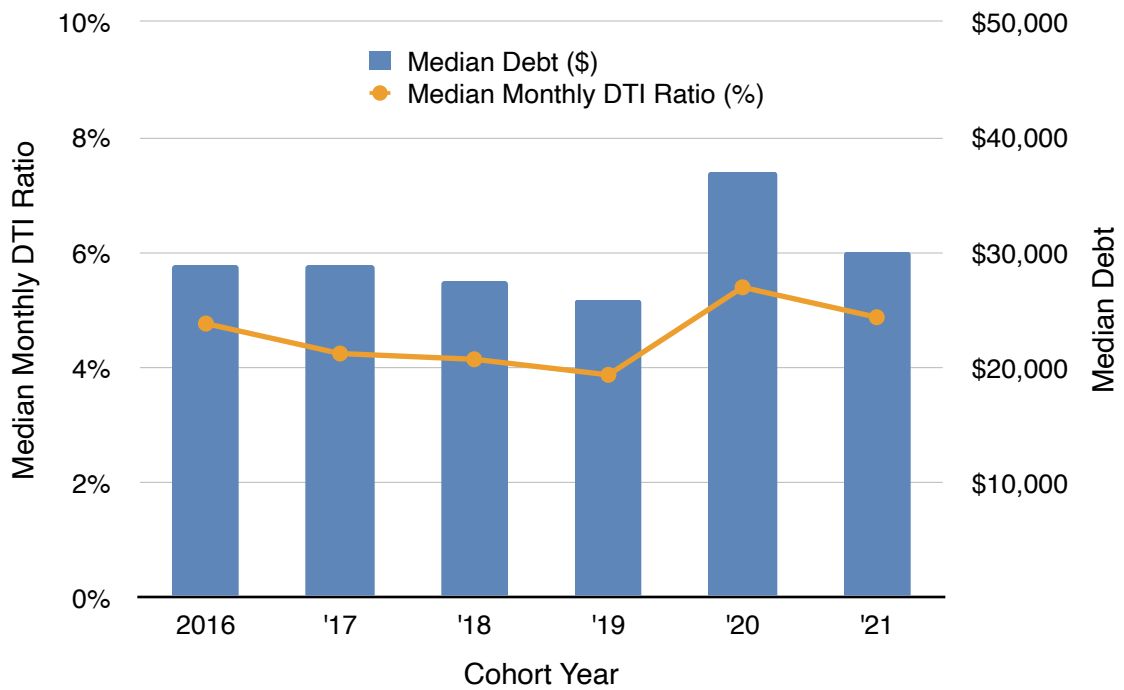
Cost of Living (COLI)-Adjusted Average Starting Salary by Cohort Year

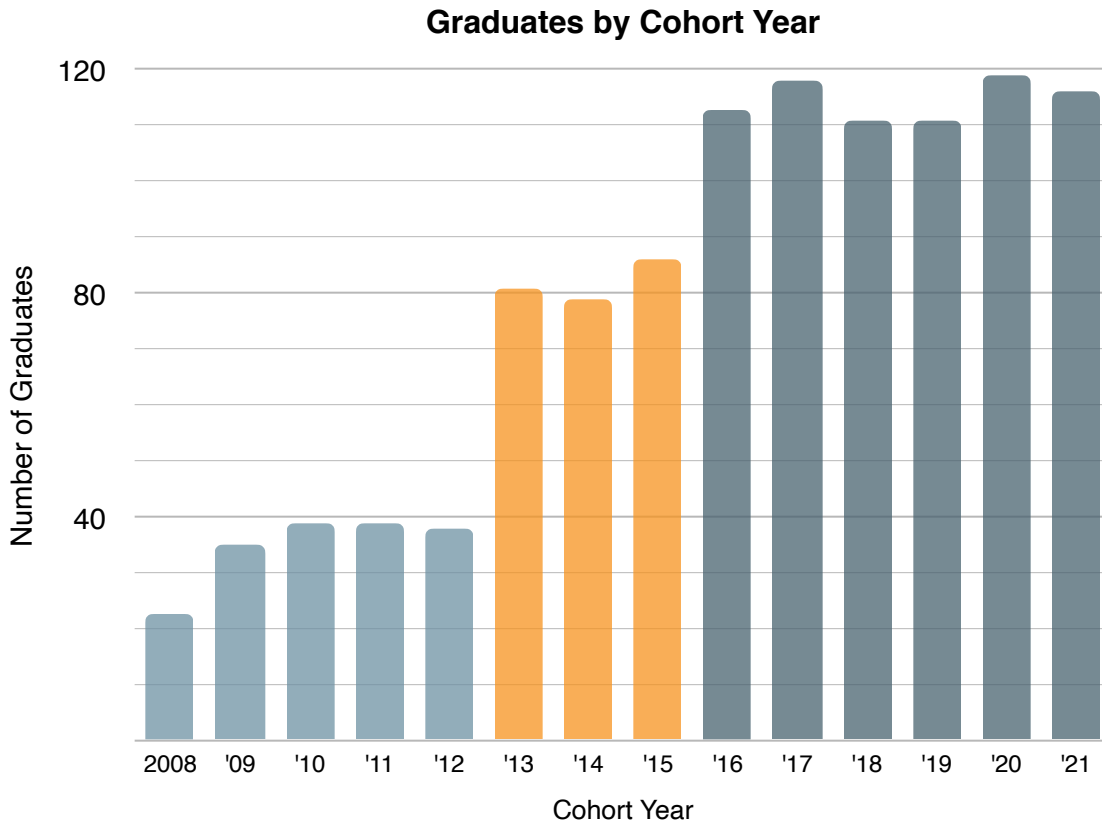


Net Increase in Annual Earnings



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 the 992 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/MSA2021.pdf>