

MASTER OF SCIENCE IN ANALYTICS

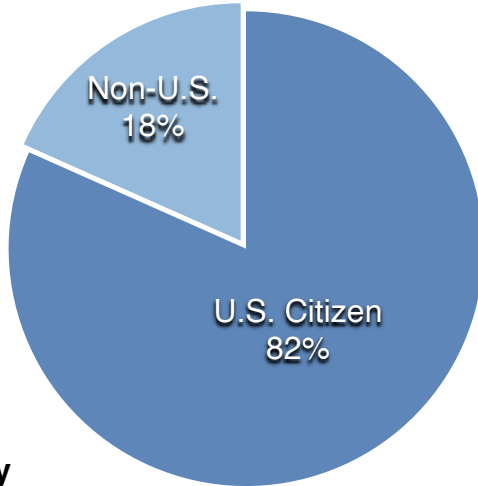
2020 ALUMNI REPORT

Number of graduates (97% graduation rate):	992
Percent employed in the profession:	96%
Number of employers:	335
Percent employed in the U.S.:	97%
Percent employed in North Carolina:	47%
Average / median age:	32 / 31
Percent who are U.S. citizens:	82%
Percent who are women:	41%
Employed at graduation:	94%
Average Starting Salary (inflation-adjusted 2018 dollars)	\$96,084
Promoted since graduation (within 3 years on the job):	50%
Average time to first job promotion (months):	26
Transitioned employment one or more times:	42%
Estimated annual payroll in 2019 (in millions):	\$87.4

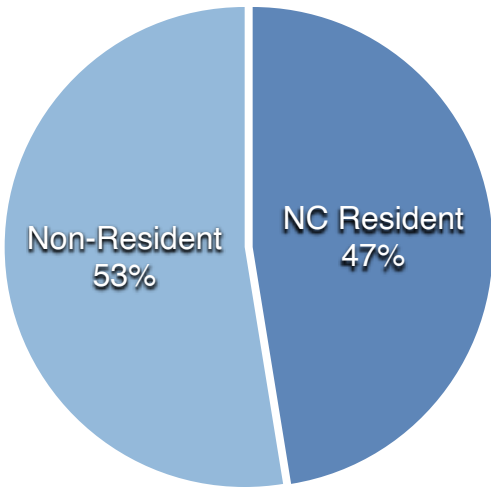
Reported as of December 28, 2020; Includes graduating classes of 2008 through 2020.

ALUMNI DEMOGRAPHICS

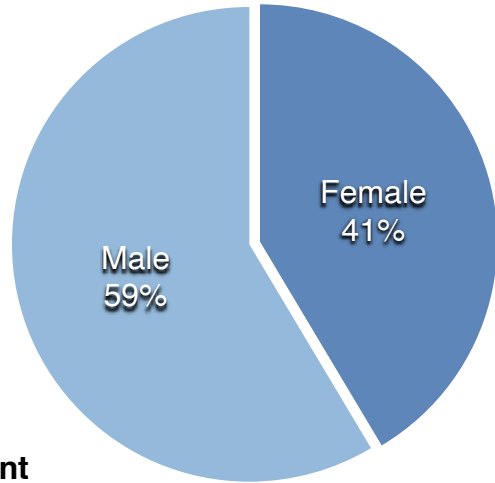
Citizenship



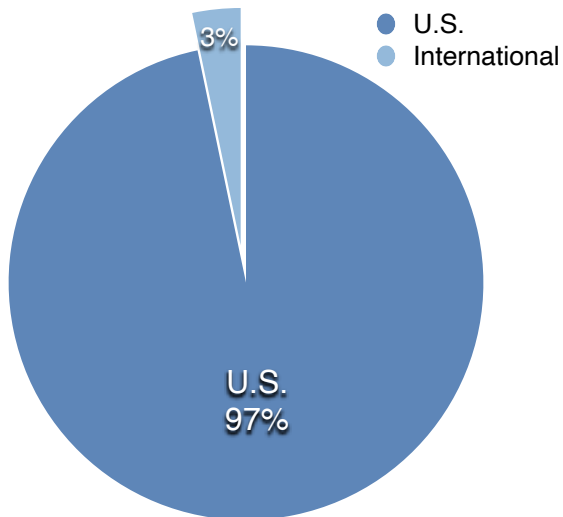
Current Residency



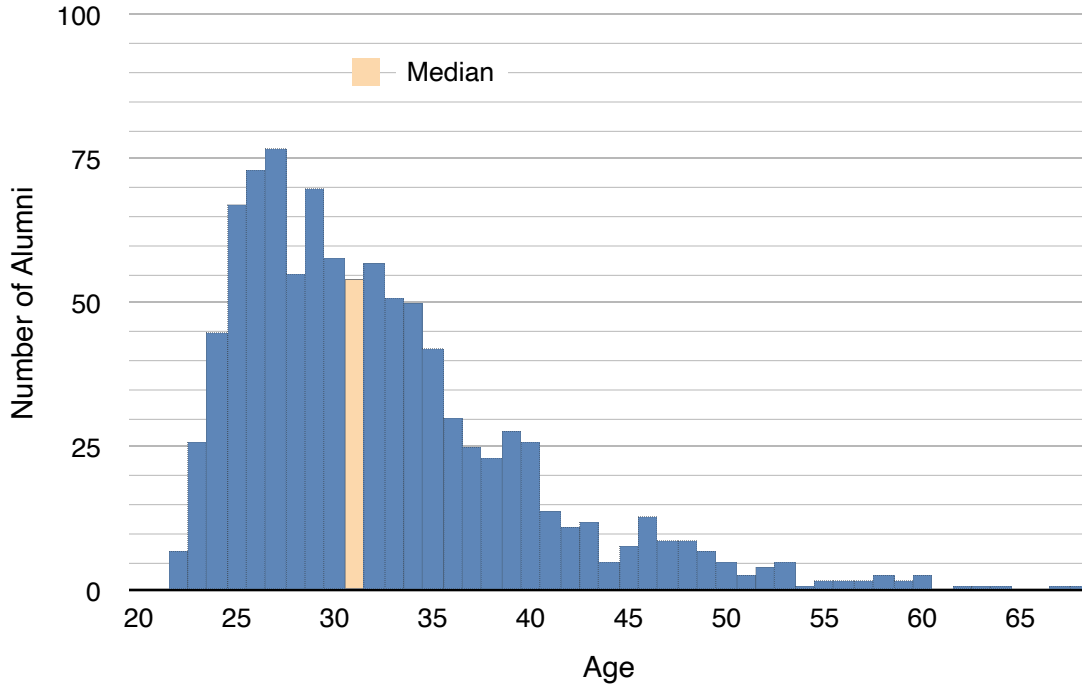
Gender



U.S. Employment



Distribution by Age

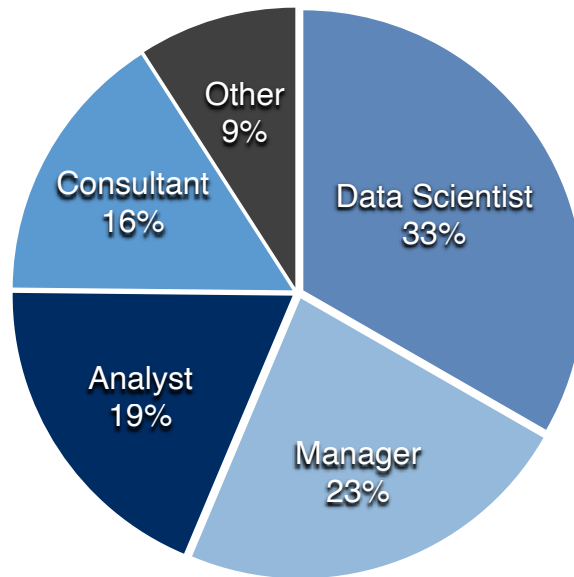


63 Countries of Origin

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



Current Position by Major Category



Selected Positions

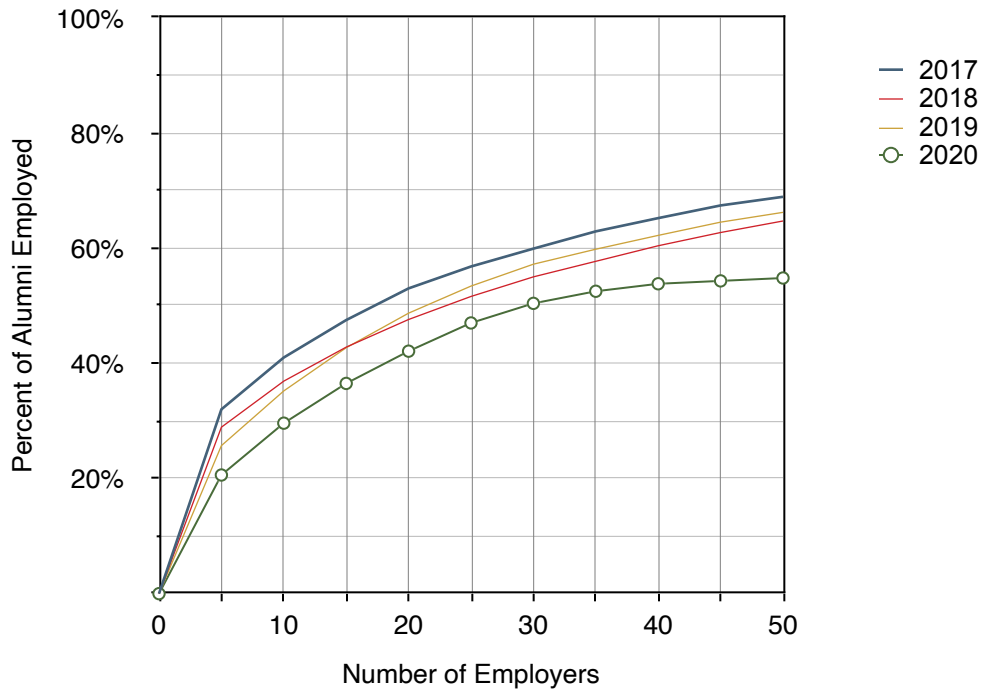
Advanced Analytics Data Scientist	Marketing Data Scientist Senior Associate
Analytics and Modeling Manager	Operations Analytics Modeler
Analytics Consultant	Principal Analyst, Data Science
Associate Data Scientist	Principal Data Scientist
Business Data Scientist	Quantitative Finance Analyst
Chief Data Scientist	Research Data Scientist
Consultant	Senior Analyst
Data Analyst	Senior Analytics Consultant
Data Scientist	Senior Analytics Manager
Data Scientist Manager	Senior Consultant
Director, Artificial Intelligence	Senior Data Analyst
Director, Data and Analytics	Senior Data Scientist
Director, Data Science	Senior Data Science Consultant
Director, Football Research	Senior Geographic Data Scientist
Director, Head of Enterprise Data Science	Senior Insights Analyst
Head of Data and Analytics	Senior Manager, Artificial Intelligence
Head of Risk Management	Senior Manager, Data Science
Lead Analyst	Senior Model Validation Analyst
Lead Data Scientist	Senior Specialist, Global Advanced Analytics
Manager, Advanced Analytics	Senior VP, Compliance Governance
Manager, Applied AI	Senior VP, Model Scoring & Data Analytics
Manager, Customer Insights	Senior Statistician
Manager, Data and Analytics	Technical Architect
Manager, Data Engineering	Technical Research Manager
Manager, Data Science	Technical Consultant
Manager, Decision Analytics	VP, Analytics
Manager, Reporting and Analytics	VP, Decision Science

Top-30 Employers of Alumni

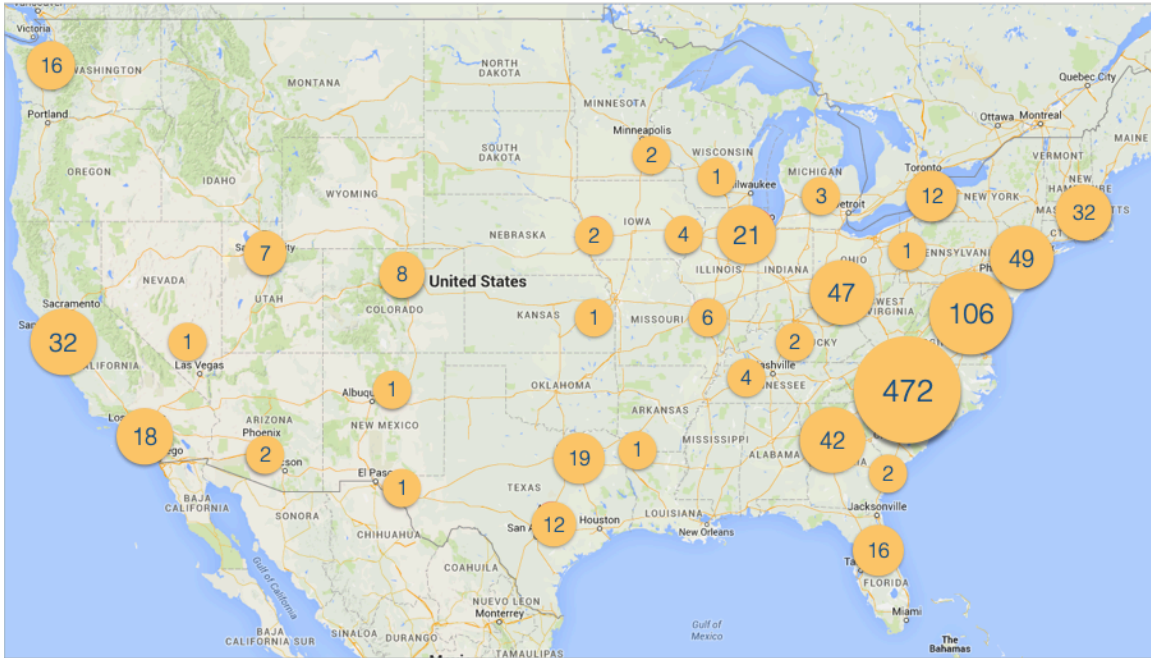
Accenture Federal Services	Google
Ally Financial	Guidehouse
Amazon	JPMorgan Chase
Ankura Consulting	Lowe's Companies
Bain & Company	M&T Bank
Bank of America	Microsoft
Blue Cross Blue Shield of NC	NC Joint Underwriters
Cigna	Red Hat
Deloitte	RTI International
Elder Research	SAS
Elevate Credit	The Home Depot
EY	The Walt Disney Company
Facebook	Truist (BB&T/SunTrust)
Fidelity Investments	Federal Government
Fifth Third Bank	Wells Fargo

Note: The top-30 employers account for 50% of all employment among alumni.
There are 335 employers of alumni in total.

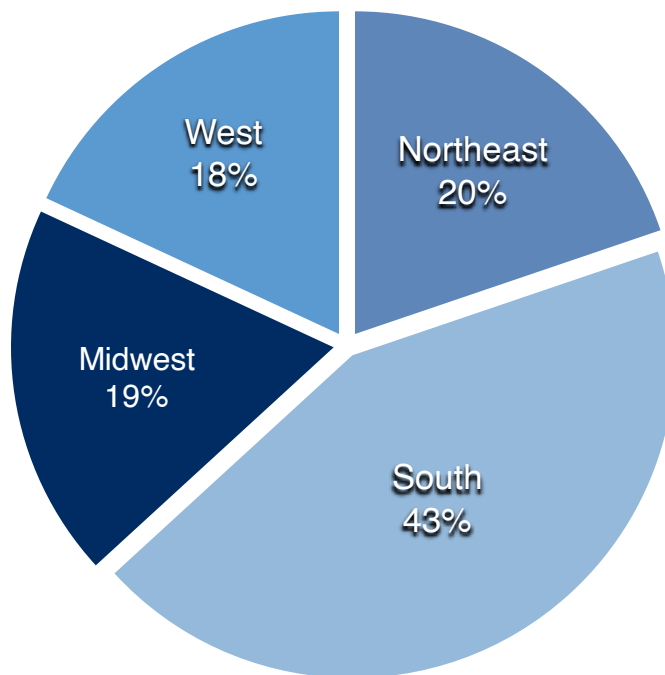
Alumni Concentration Among the Top-50 Employers



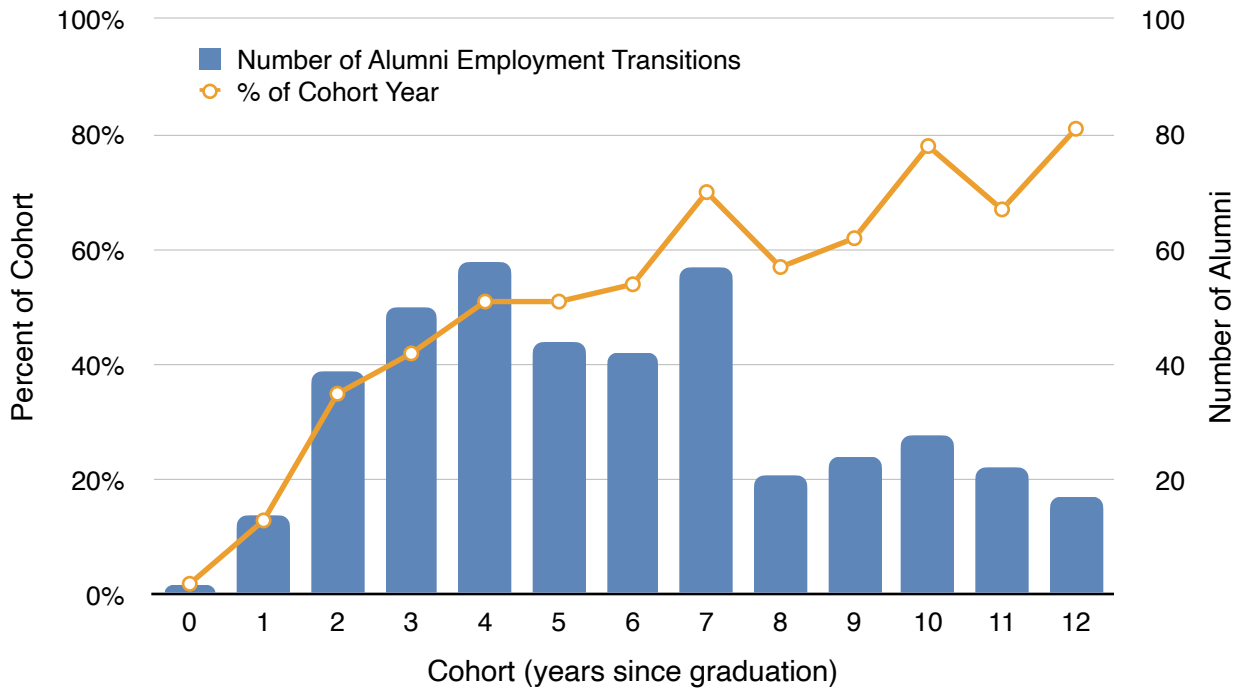
Geographic Distribution of Employment within U.S.



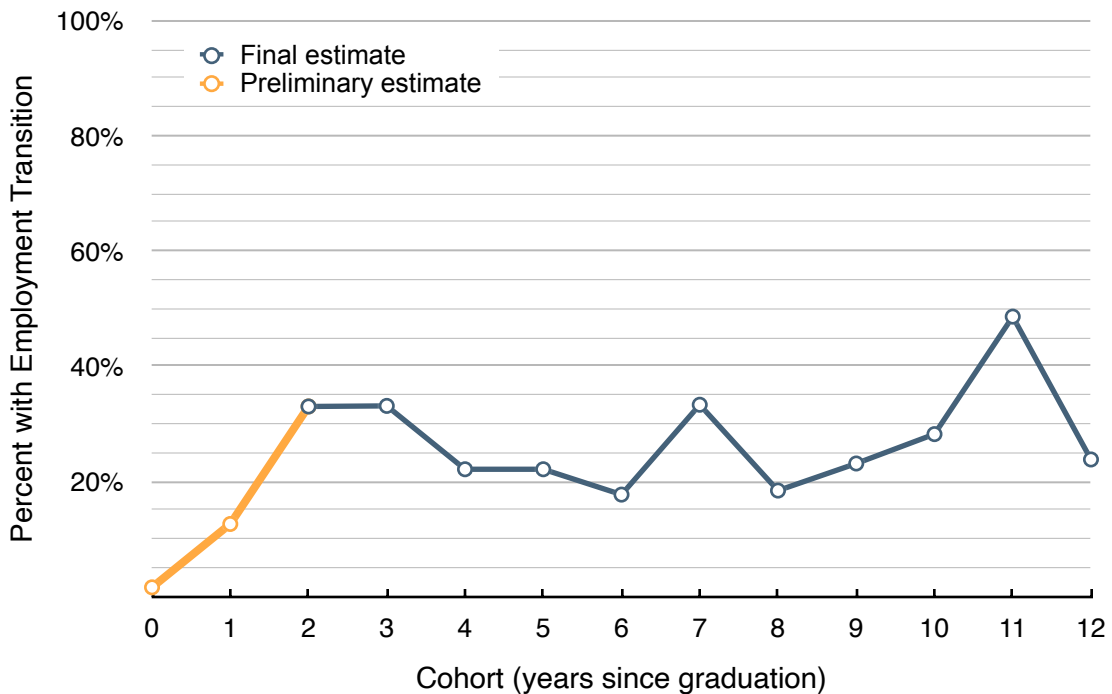
Distribution of Employment Outside North Carolina by U.S. Geographic Region



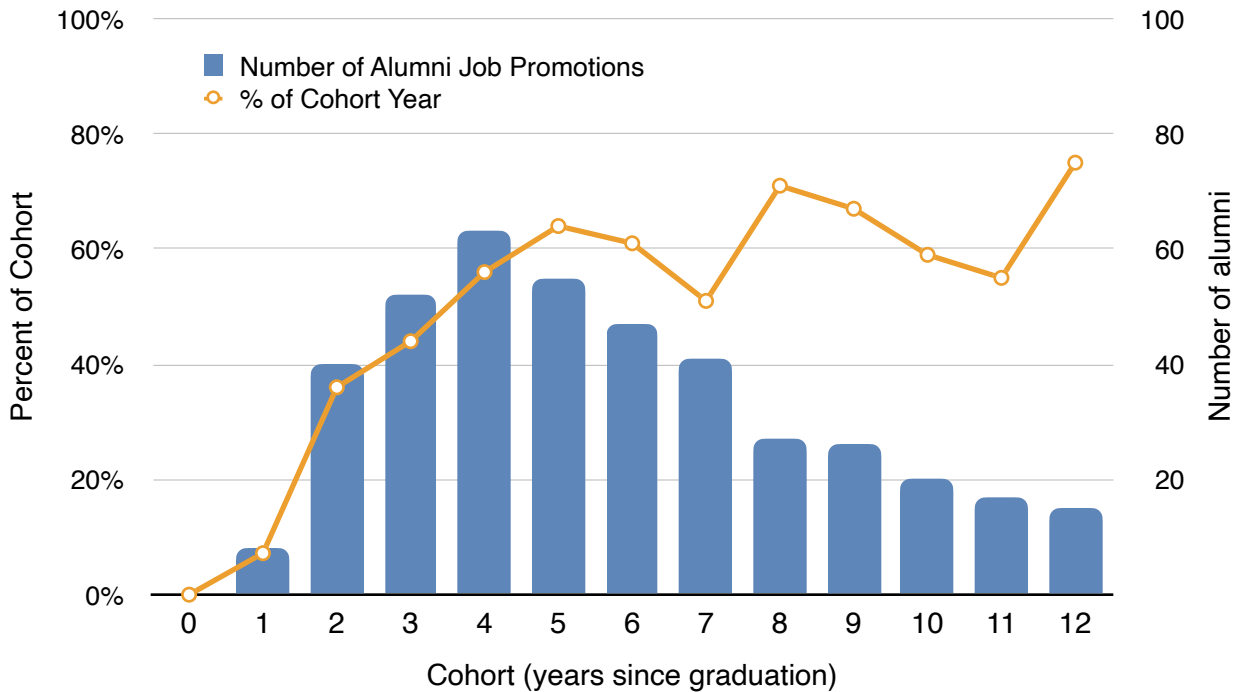
First Employment Transition by Cohort



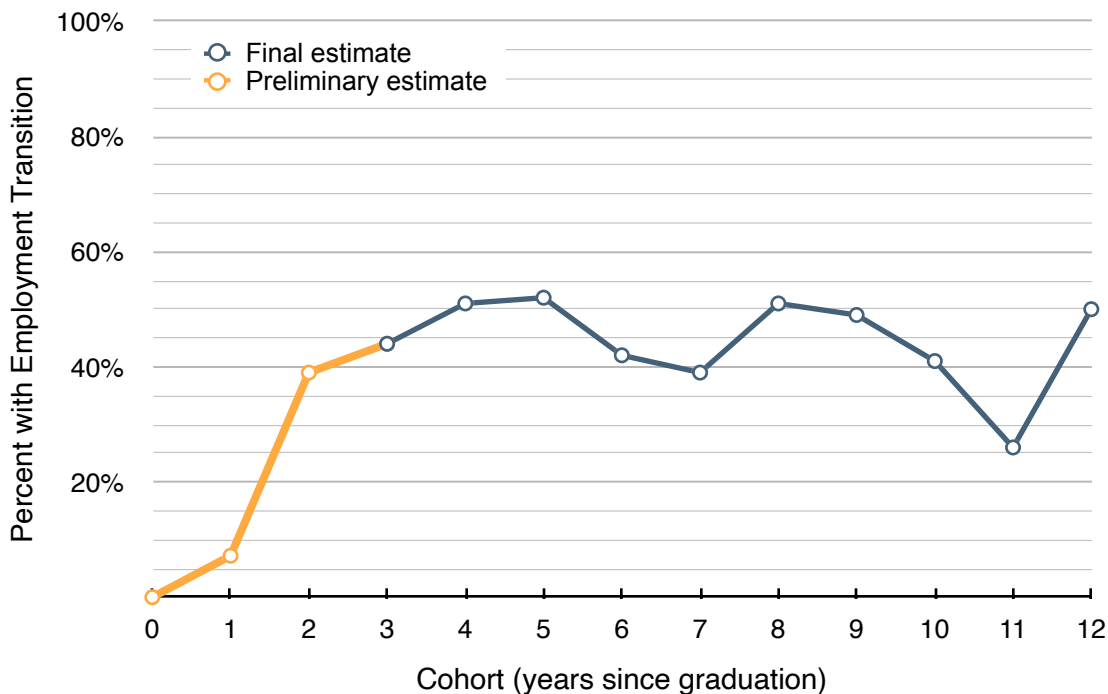
Percent of Cohort with the First Employment Transition Occurring Within 2 Years of Graduation

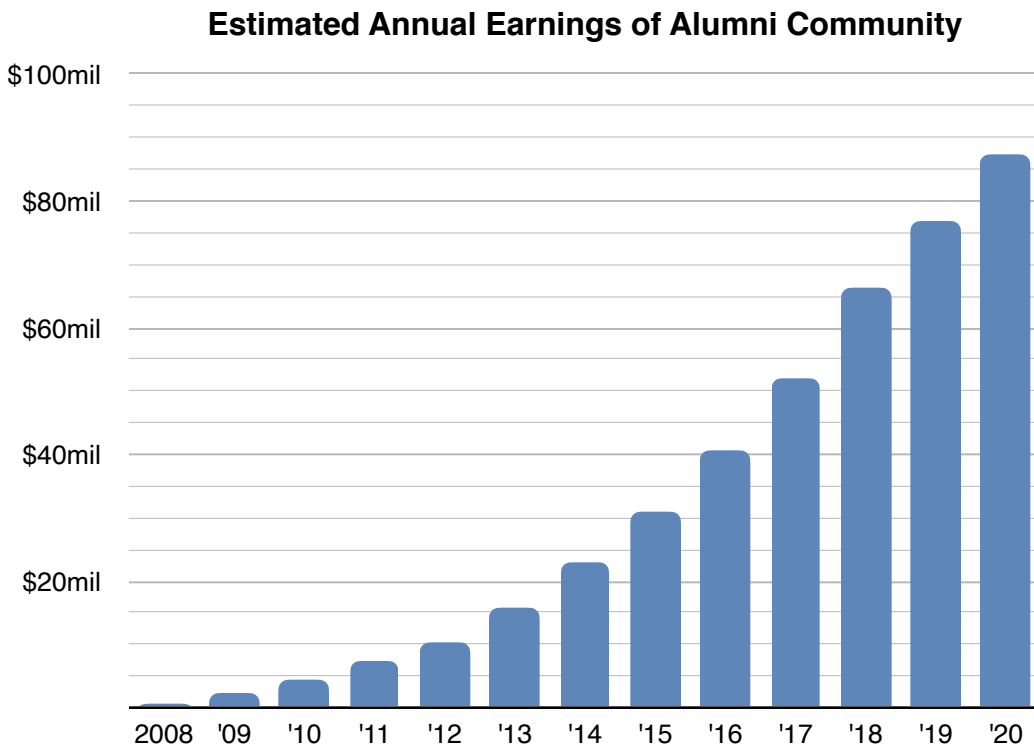
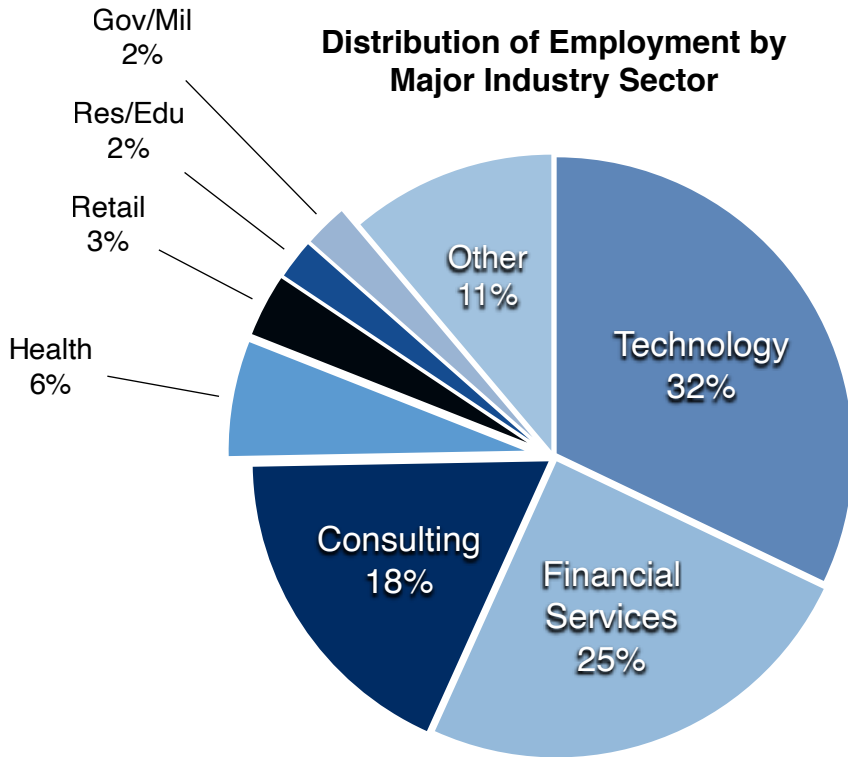


First Job Promotion by Cohort



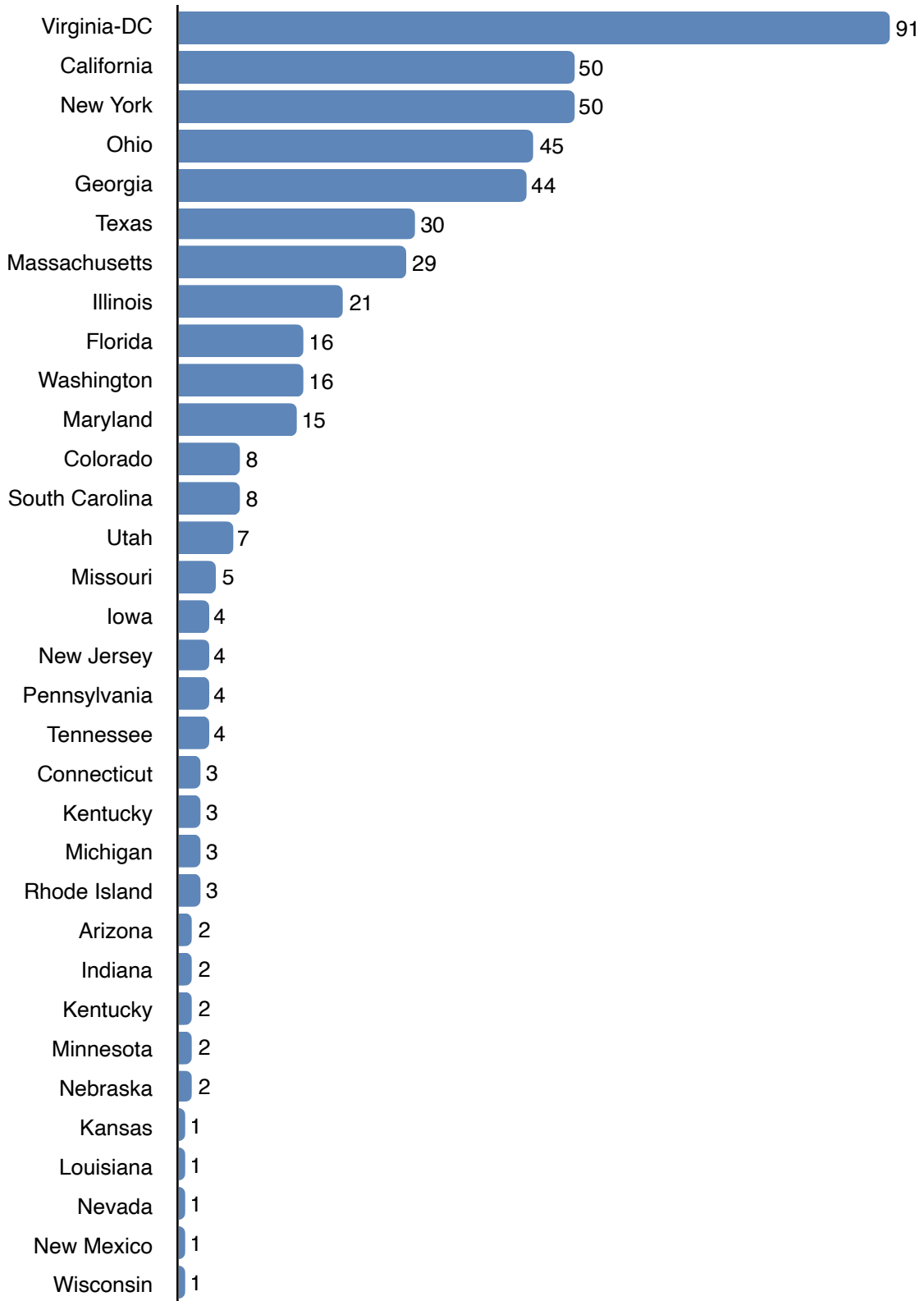
Percent of Cohort with the First Job Promotion Occurring Within 3 Years of Graduation





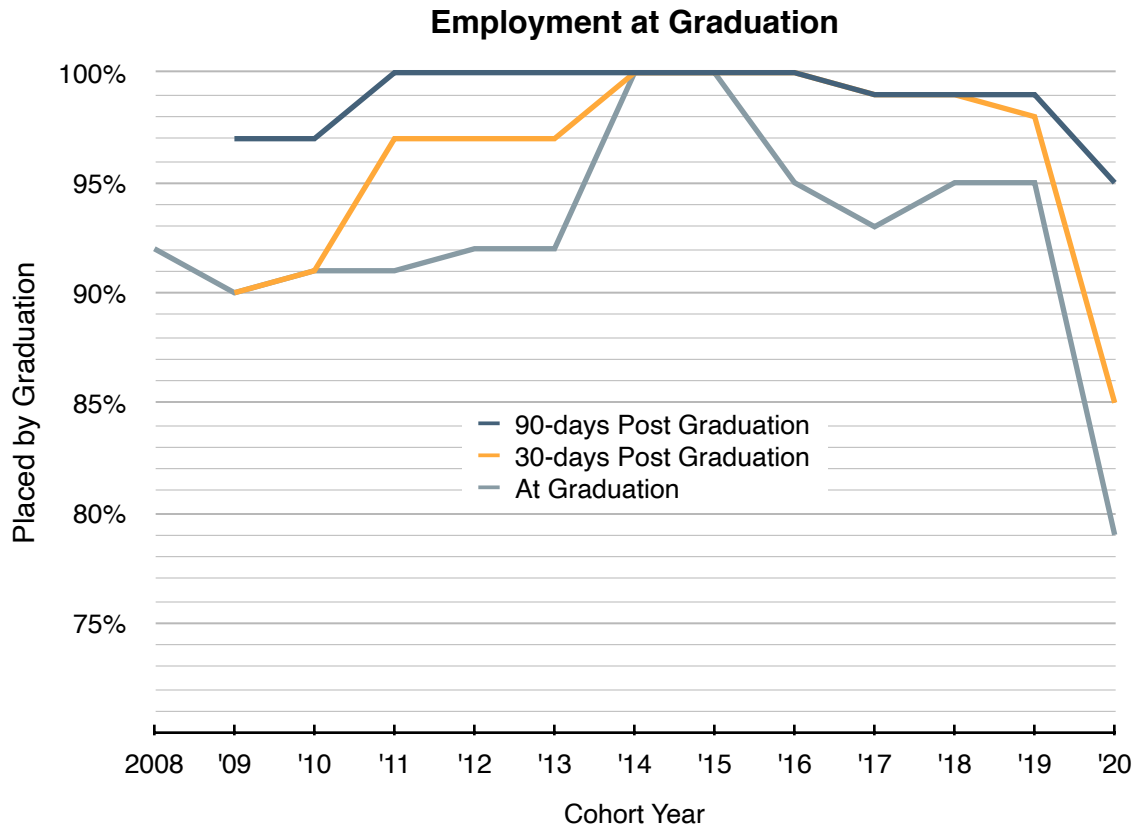
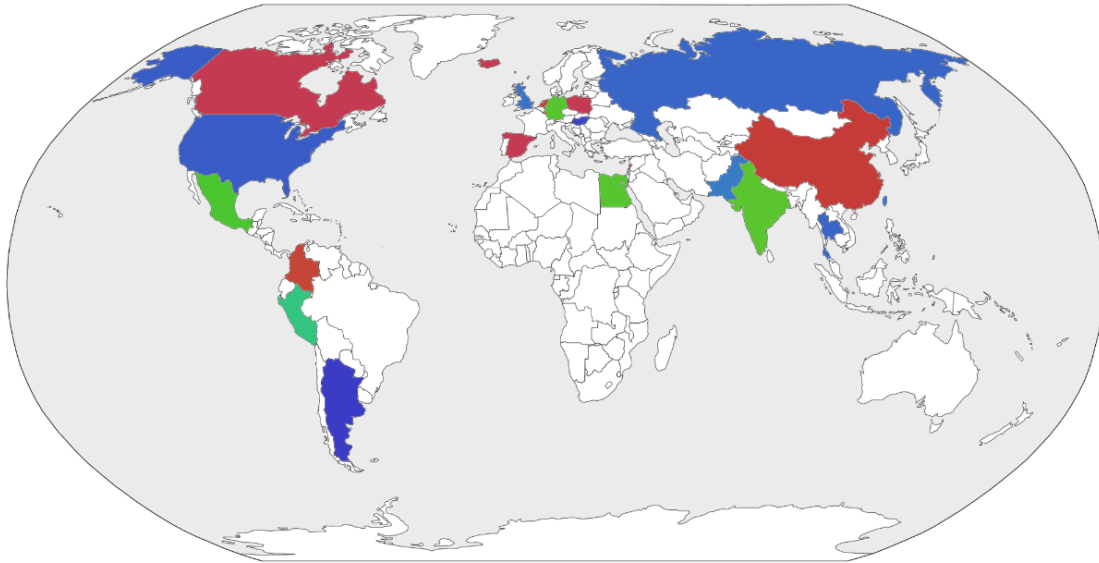
Note: Estimate is based on individual starting salaries adjusted for inflation.

Geographic Distribution of Employment Outside North Carolina, By State

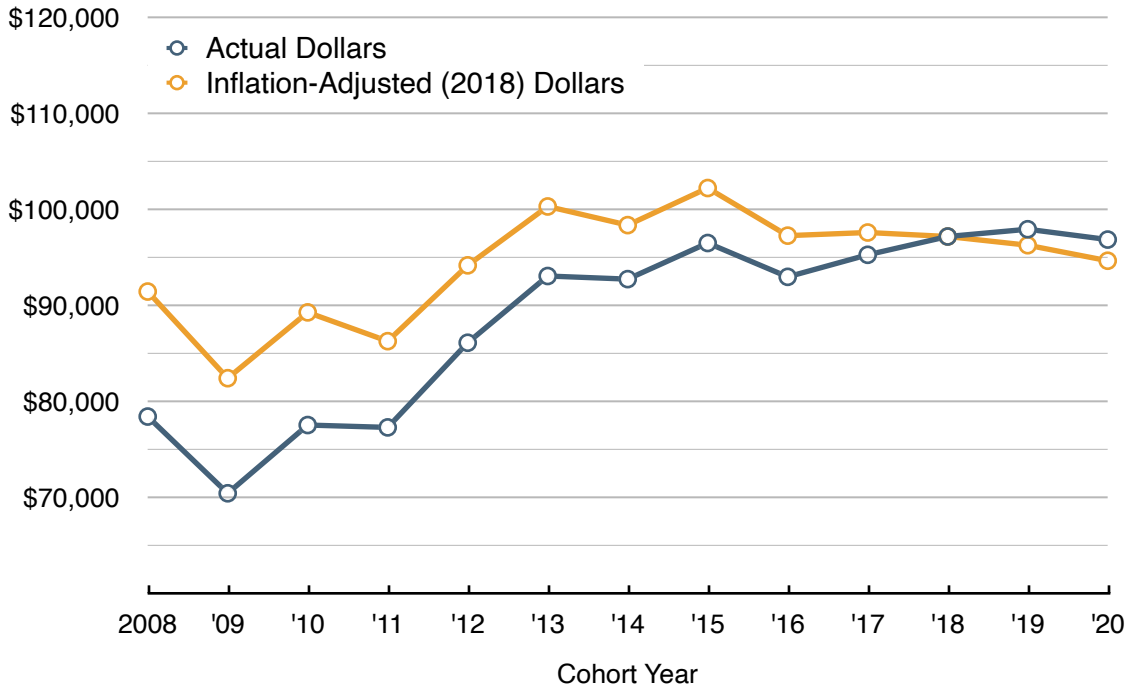


Number of Alumni

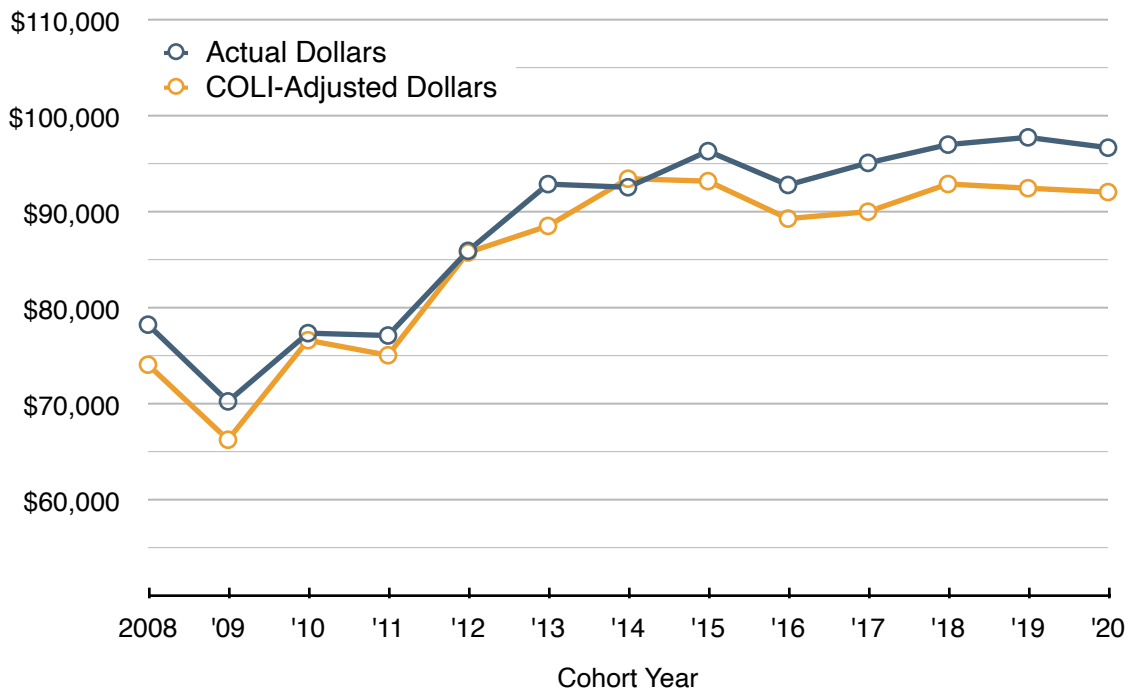
Global Employment Locations



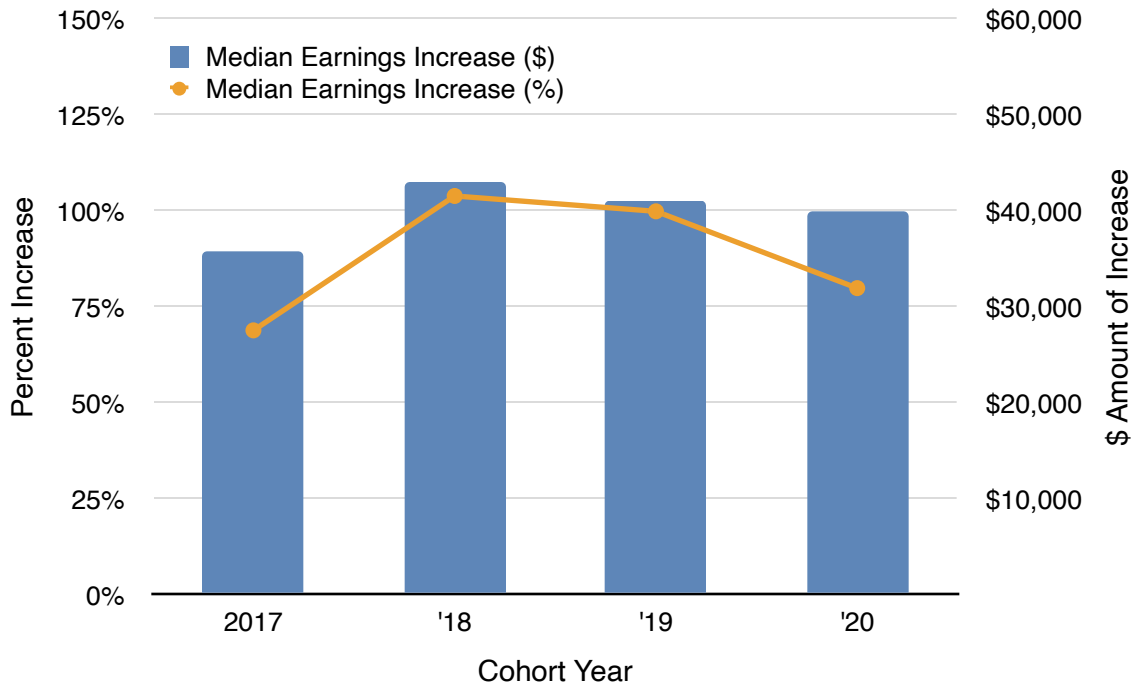
Inflation-Adjusted Average Starting Salary by Cohort Year



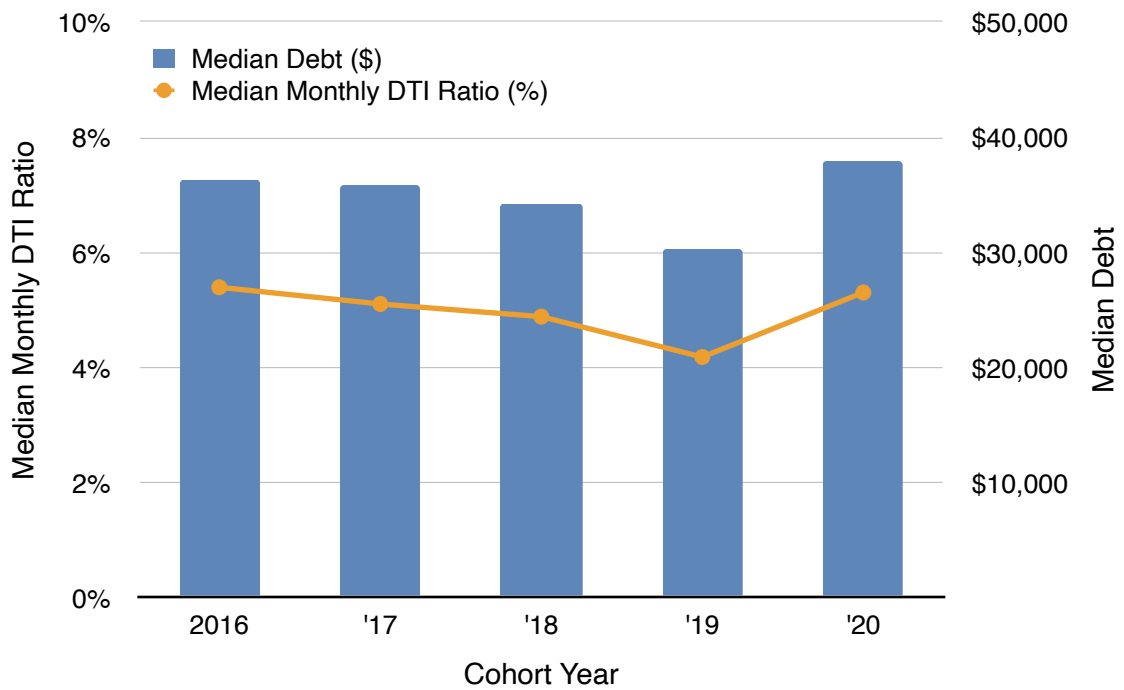
Cost of Living (COLI)-Adjusted Average Starting Salary by Cohort Year

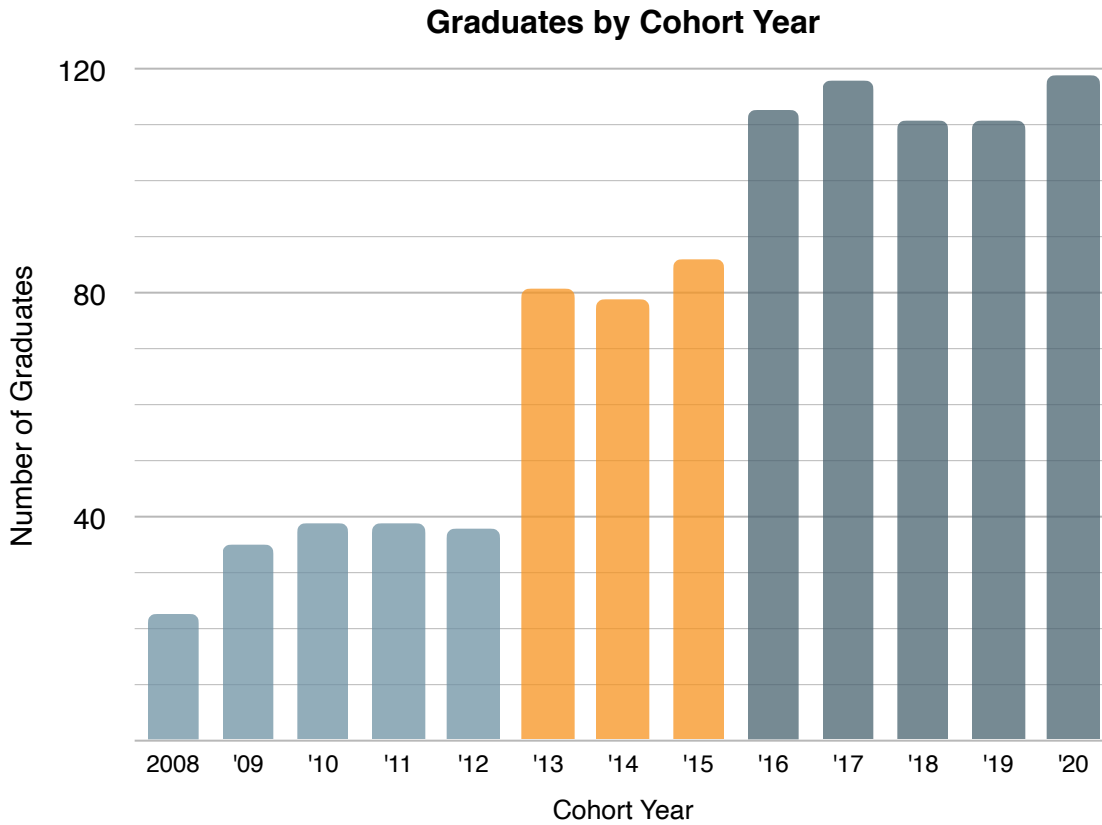


Net Increase in Annual Earnings



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/MSA2020.pdf>