

MASTER OF SCIENCE IN ANALYTICS

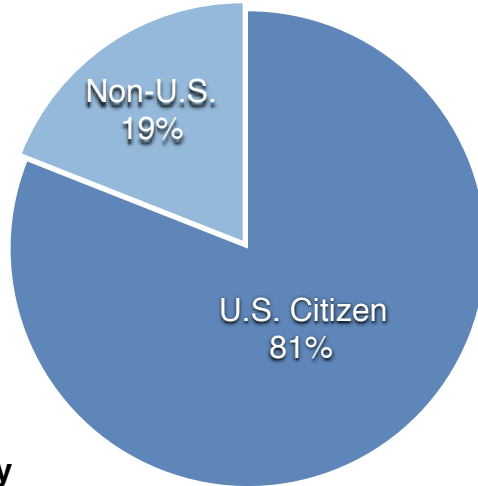
2019 ALUMNI REPORT

Number of graduates (97% graduation rate):	873
Percent employed in the profession:	97%
Number of employers:	297
Percent employed in the U.S.:	97%
Percent employed in North Carolina:	48%
Average / median age:	32 / 30
Percent who are U.S. citizens:	81%
Percent who are women:	41%
Employed at graduation:	96%
Average Starting Salary (inflation-adjusted 2018 dollars)	\$96,375
Promoted since graduation (within 3 years on the job):	51%
Average time to first job promotion (months):	27
Transitioned employment one or more times:	40%
Estimated annual payroll in 2019 (in millions):	\$76.9

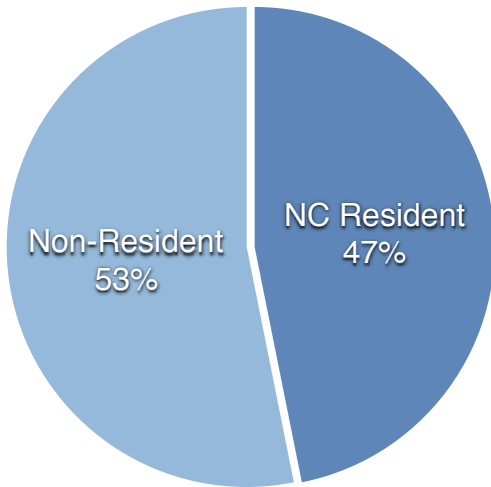
Reported as of January 4, 2020; Includes graduating classes of 2008 through 2019.

ALUMNI DEMOGRAPHICS

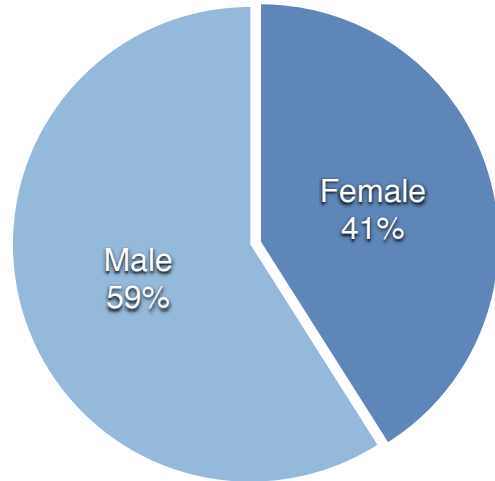
Citizenship



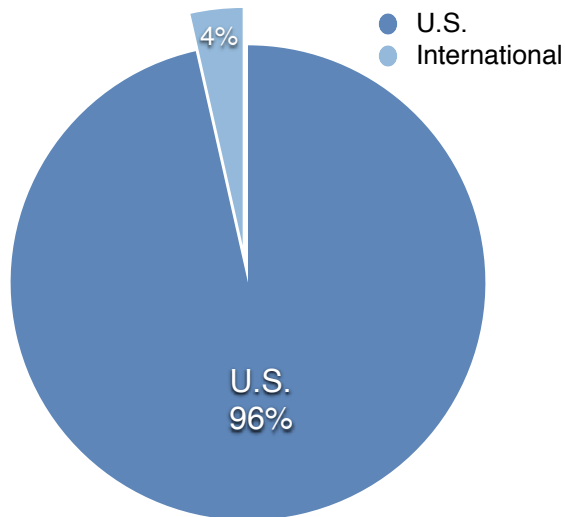
Current Residency



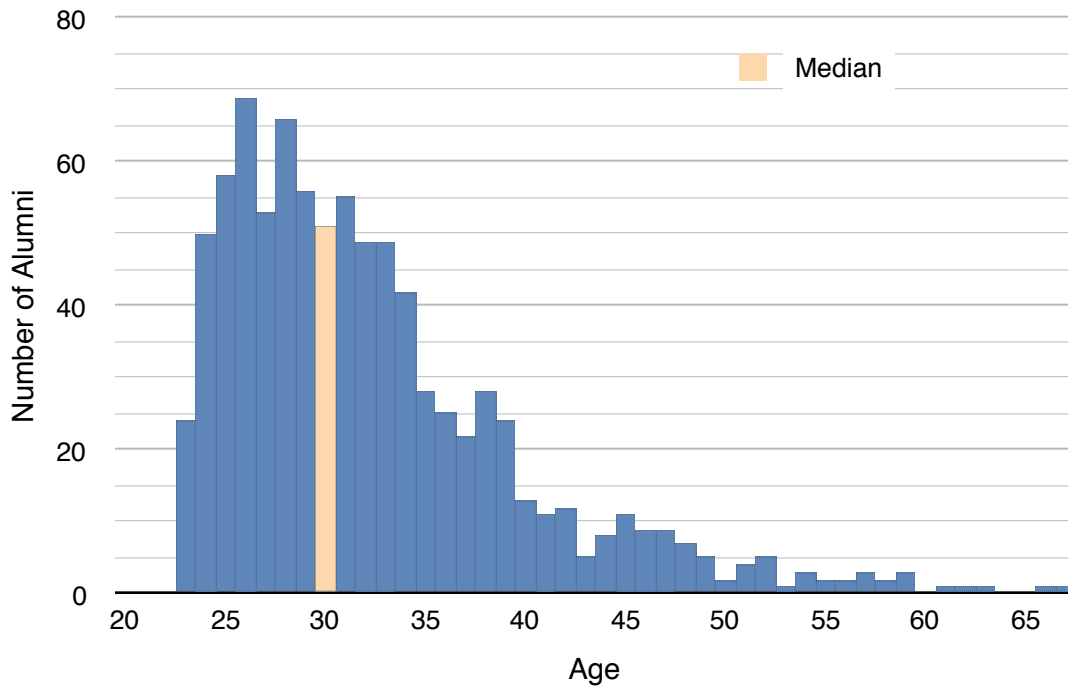
Gender



Employment



Age Distribution

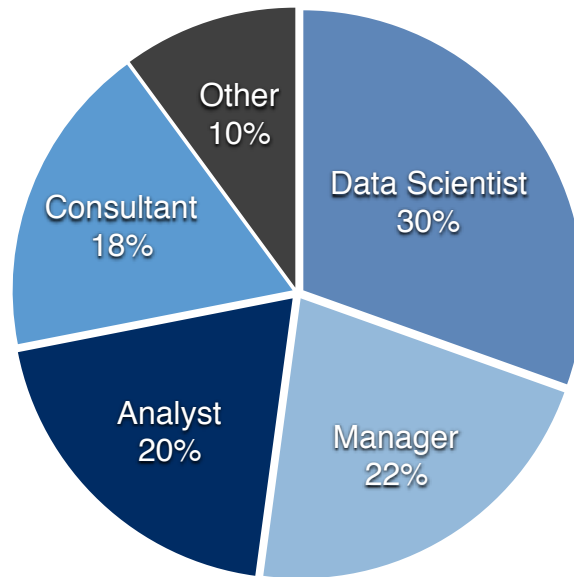


60 Countries of Origin

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



Positions Held by Major Category



Selected Positions

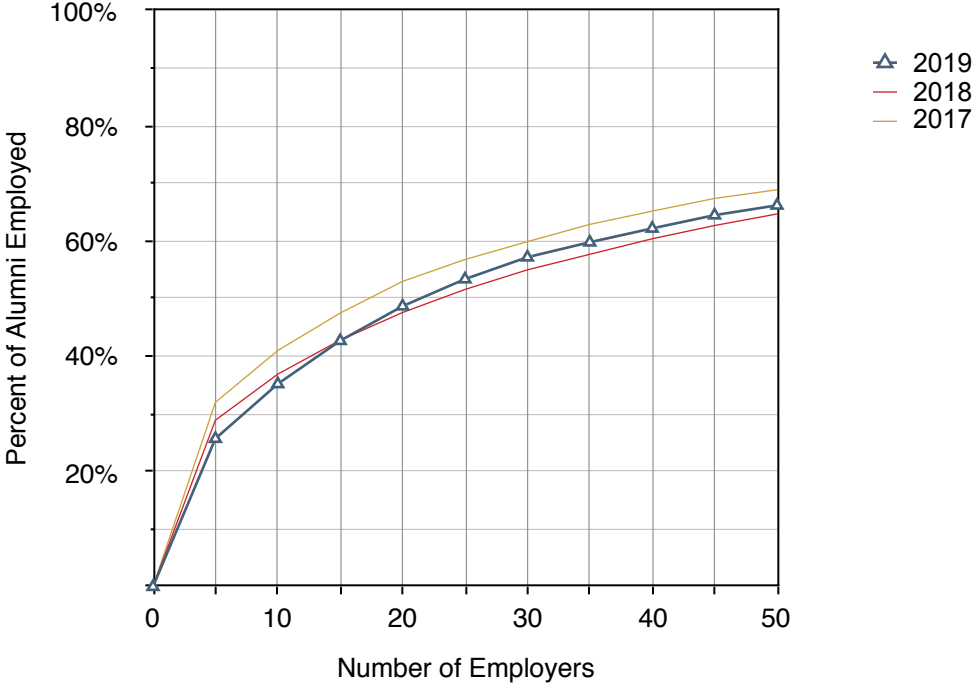
Advanced Analytics Data Scientist	Principal Analyst, Data Science
Analytical Consultant	Principal Data Scientist
Analytics and Modeling Manager	Quantitative Finance Analyst
Analytics Consultant	Research Data Scientist
Associate Data Scientist	Risk Analyst
Business Data Scientist	Senior Analyst
Chief Data Scientist	Senior Analytics Consultant
Consultant	Senior Analytics Manager
Data Analyst	Senior Associate
Data Scientist	Senior Consultant
Data Scientist Manager	Senior Data Analyst
Director, Data and Analytics	Senior Data Scientist
Director, Data Science	Senior Data Science Consultant
Head of Data and Analytics	Senior Geographic Data Scientist
Head of Risk Management	Senior Insights Analyst
Lead Analyst	Senior Manager, Advanced Analytics
Lead Data Scientist	Senior Manager, Data Science
Manager, Advanced Analytics	Senior Model Validation Analyst
Manager, Customer Insights	Senior Specialist, Global Advanced Analytics
Manager, Data and Analytics	Senior VP, Data Science
Manager, Data Engineering	Senior VP, Model Scoring & Data Analytics
Manager, Data Science	Senior Statistician
Manager, Medical Advanced Analytics	Technical Architect
Manager, Reporting and Analytics	Technical Research Manager
Marketing Data Scientist Senior Associate	Technical Consultant
Marketing Optimization Senior Associate	VP, Data Science & Analytics
Operations Analytics Modeler	VP, Product and Strategy

Top-30 Employers

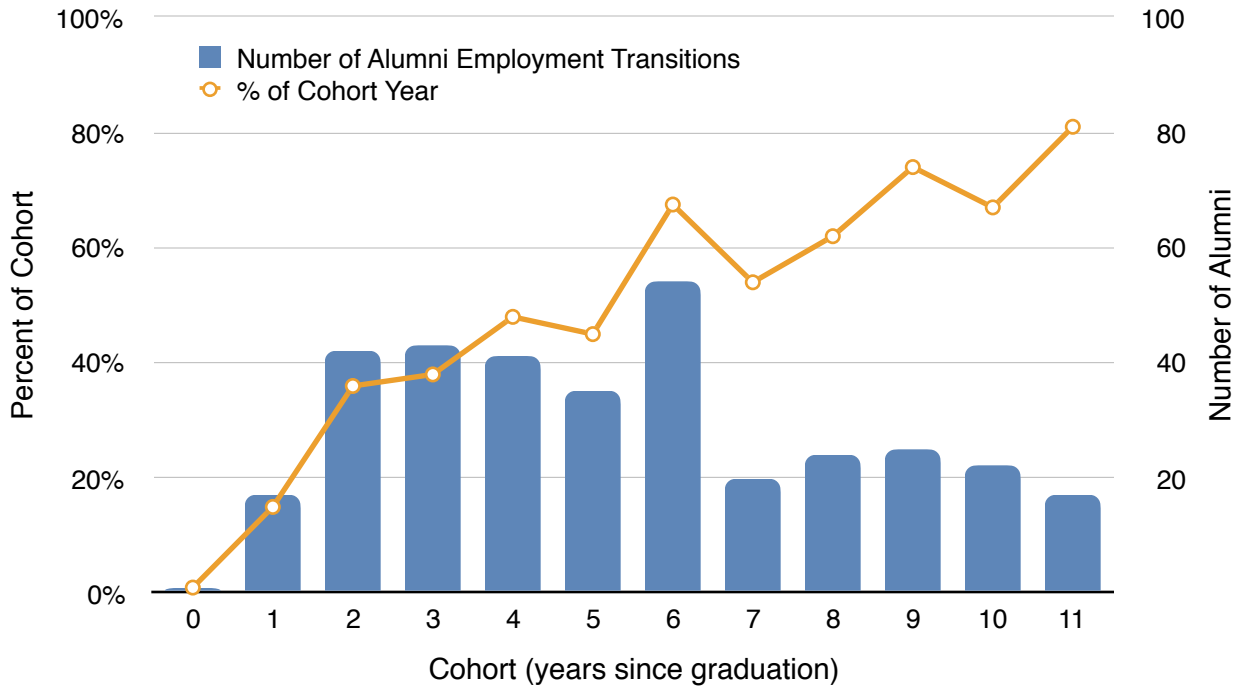
- | | |
|------------------------------|-------------------------|
| Accenture Federal Services | Google |
| Ally Financial | IBM |
| Amazon | JPMorgan Chase |
| Ankura Consulting | Lowe's Companies |
| Bain & Company | M&T Bank |
| Bank of America | Microsoft |
| Blue Cross Blue Shield of NC | Red Hat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

Note: The top-30 employers account for 57% of all employment among alumni.
 There are 297 employers of alumni in total.

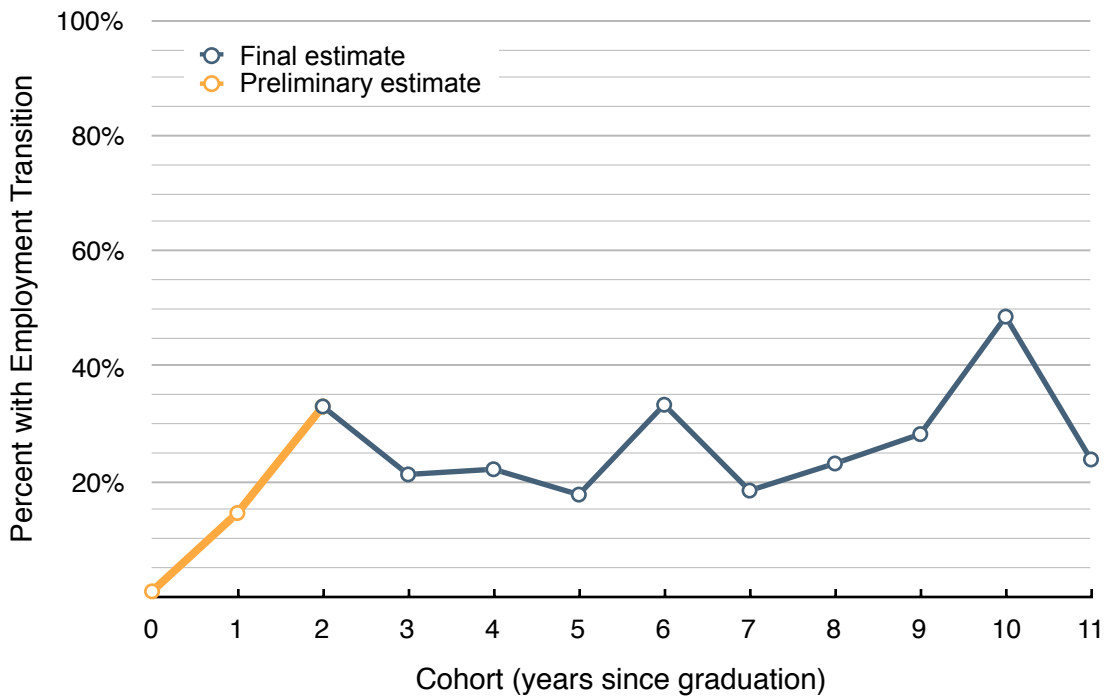
Alumni Concentration Among the Top-50 Employers



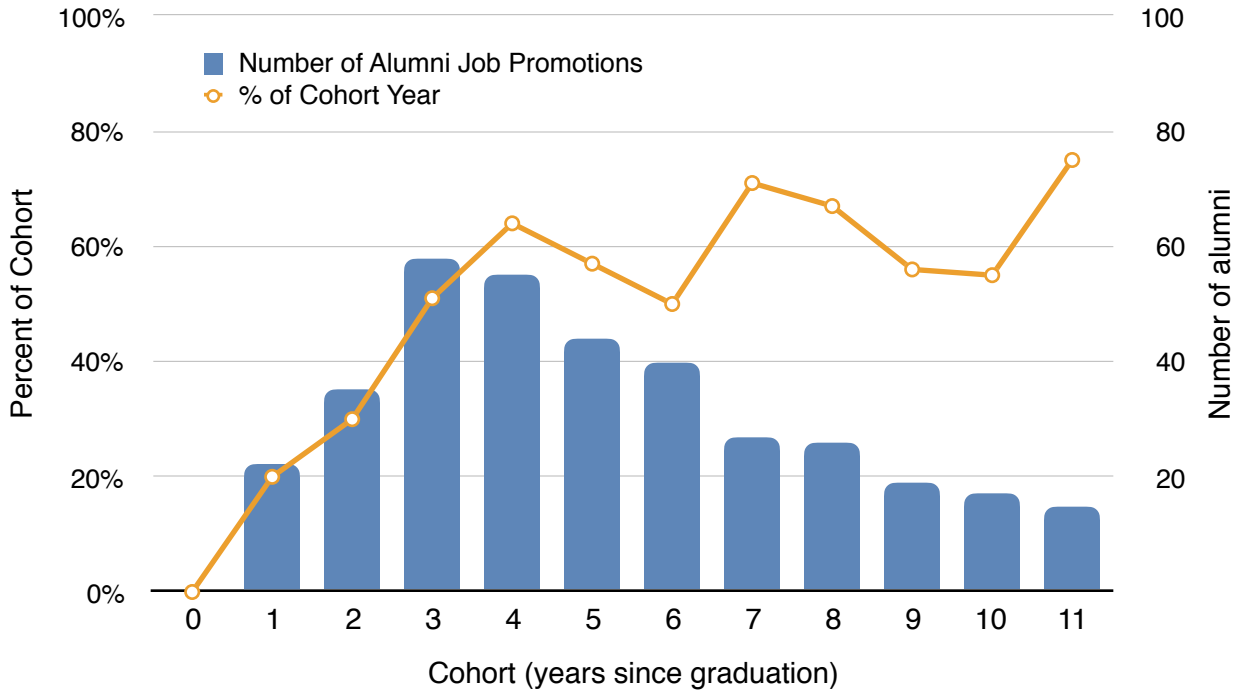
First Employment Transition by Cohort



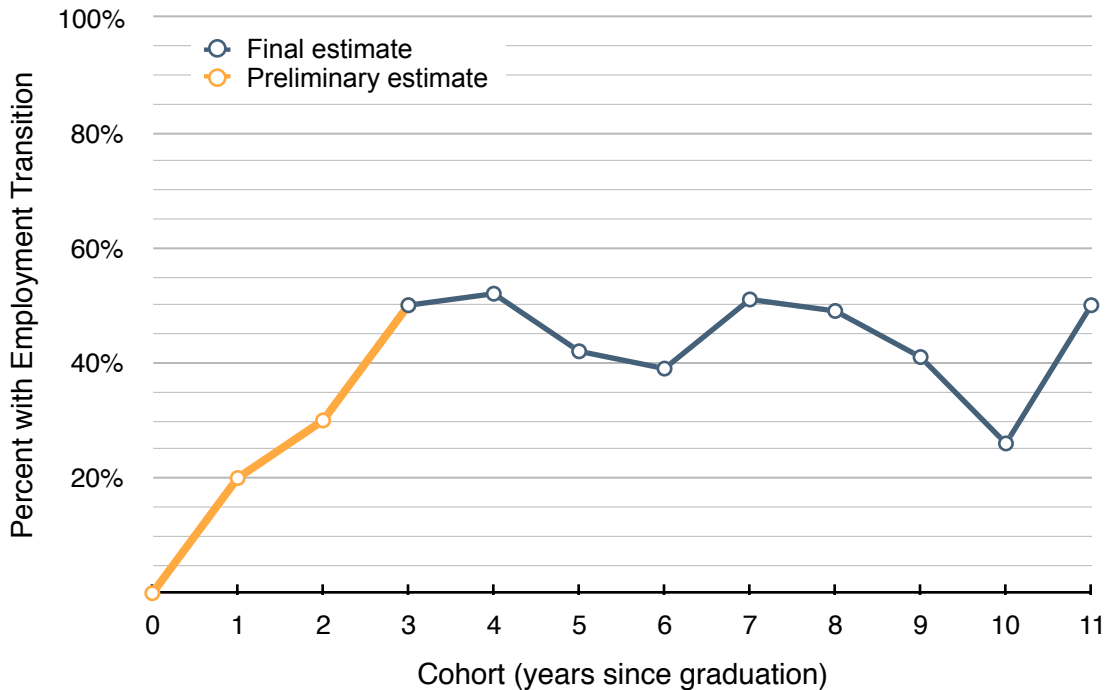
Percent of Cohort with the First Employment Transition Occurring Within 2 Years of Graduation



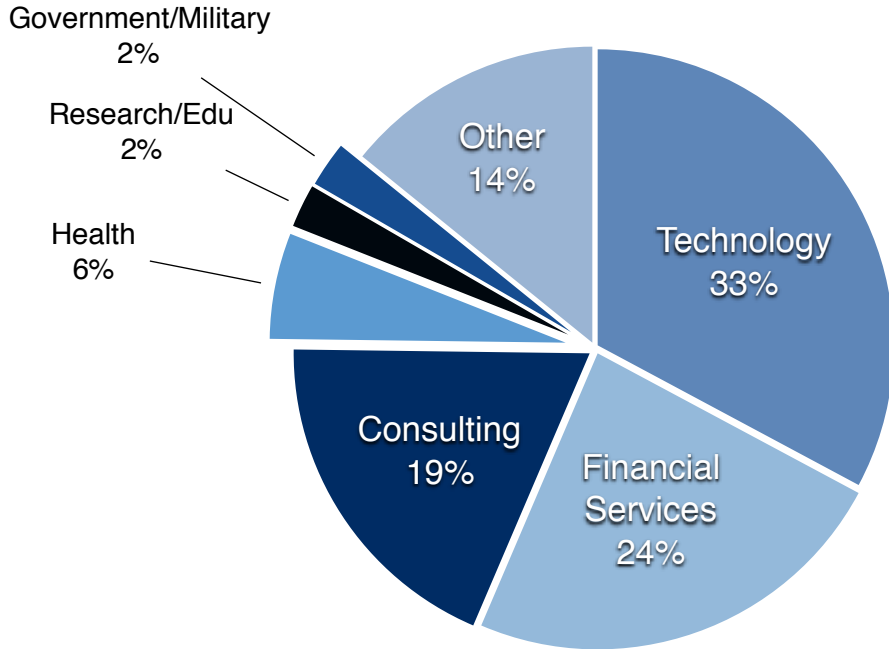
First Job Promotion by Cohort



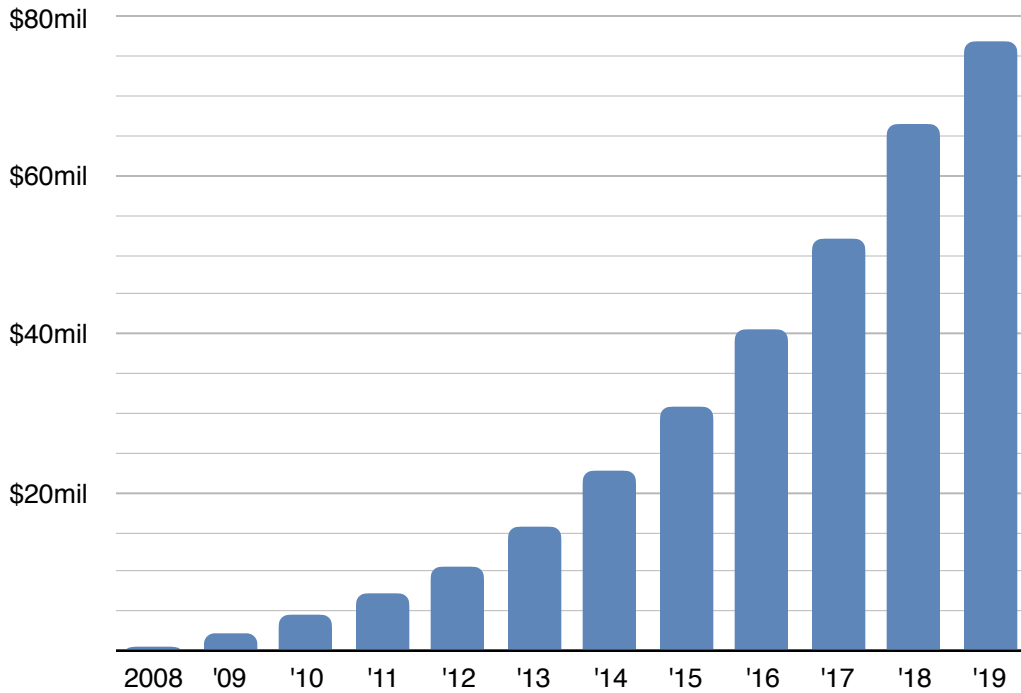
Percent of Cohort with the First Job Promotion Occurring Within 3 Years of Graduation



Distribution of Employment by Major Industry Sector

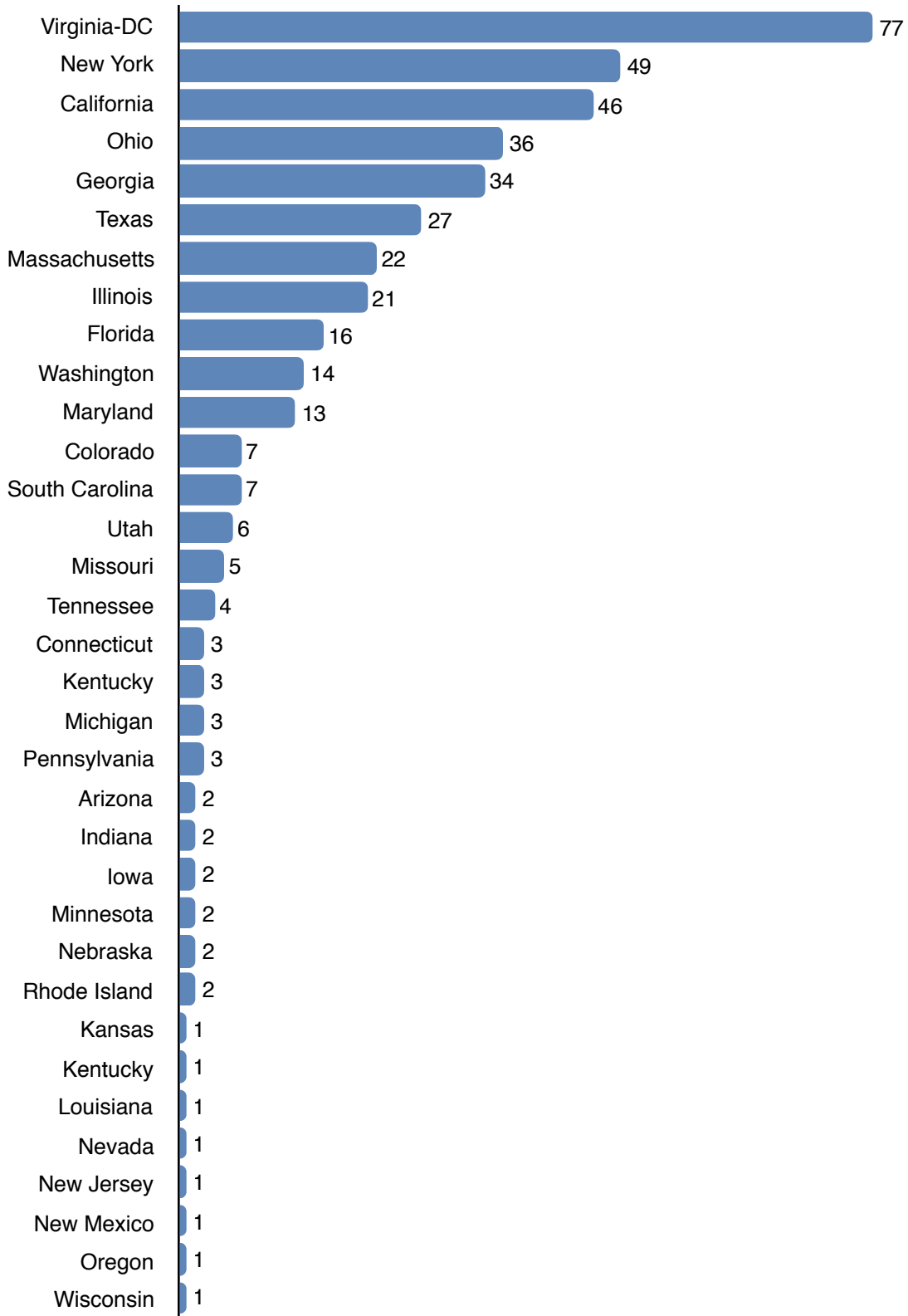


Estimated Annual Earnings of Alumni Community



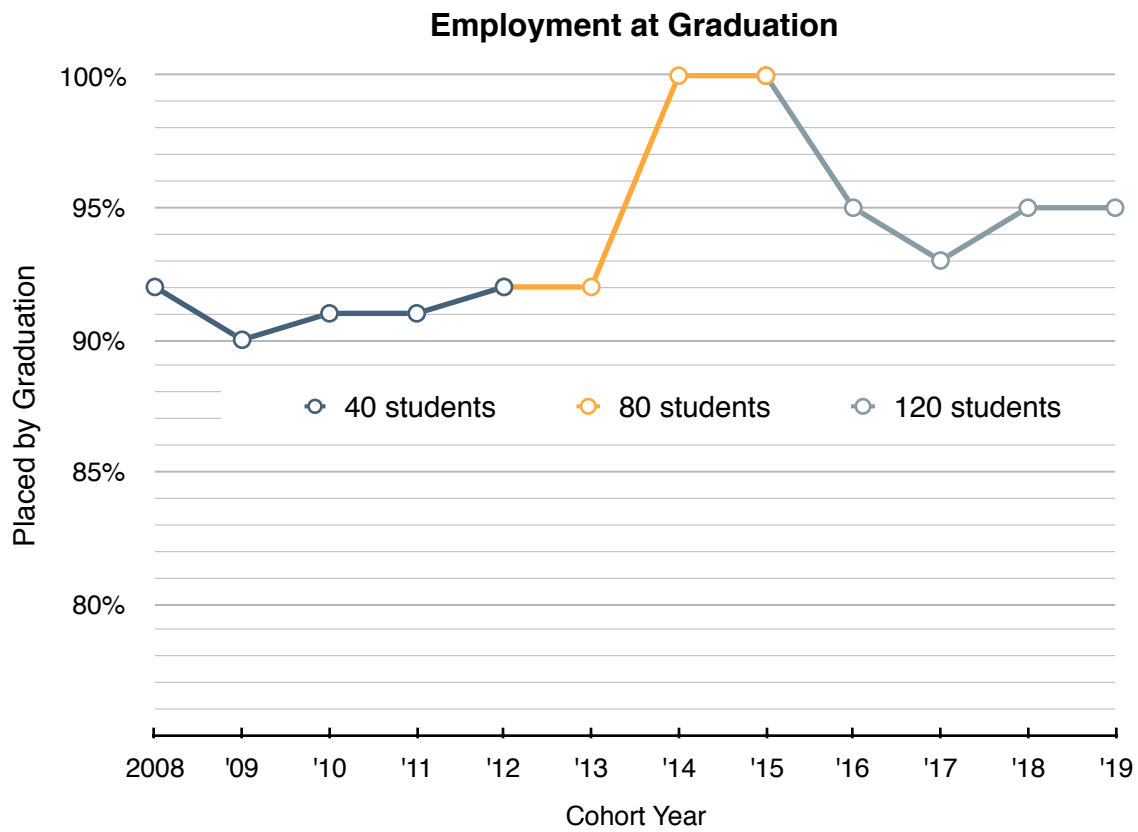
Note: Estimate is based on individual starting salaries adjusted for inflation.

Geographic Distribution of Employment Outside North Carolina, By State

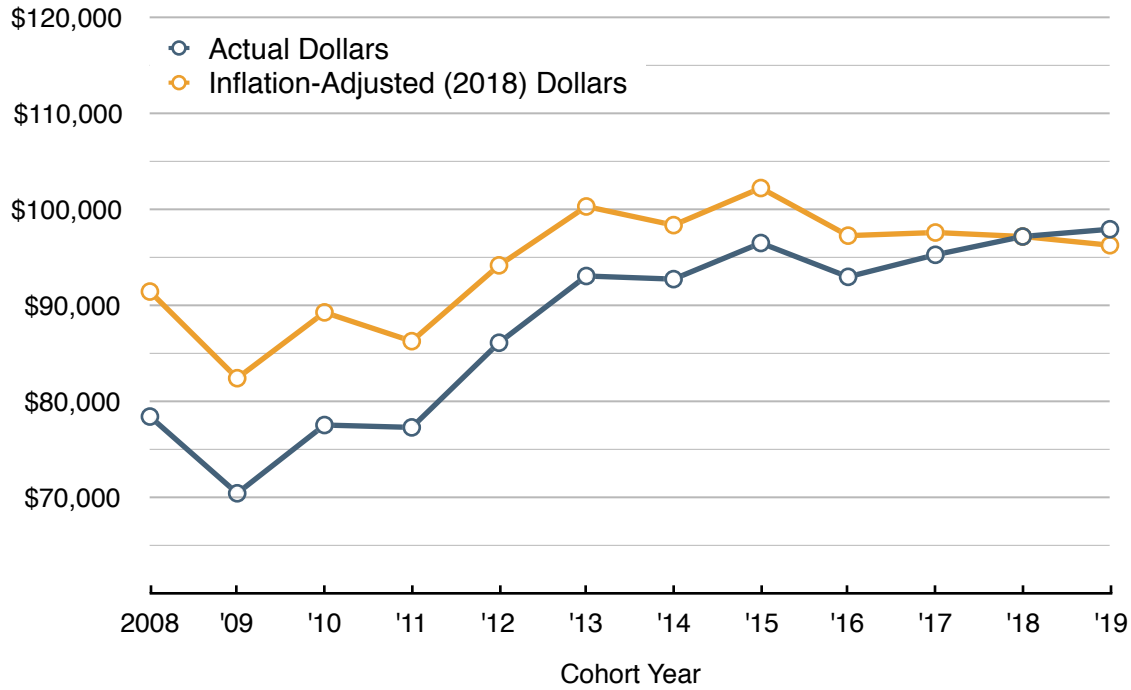


Number of Alumni

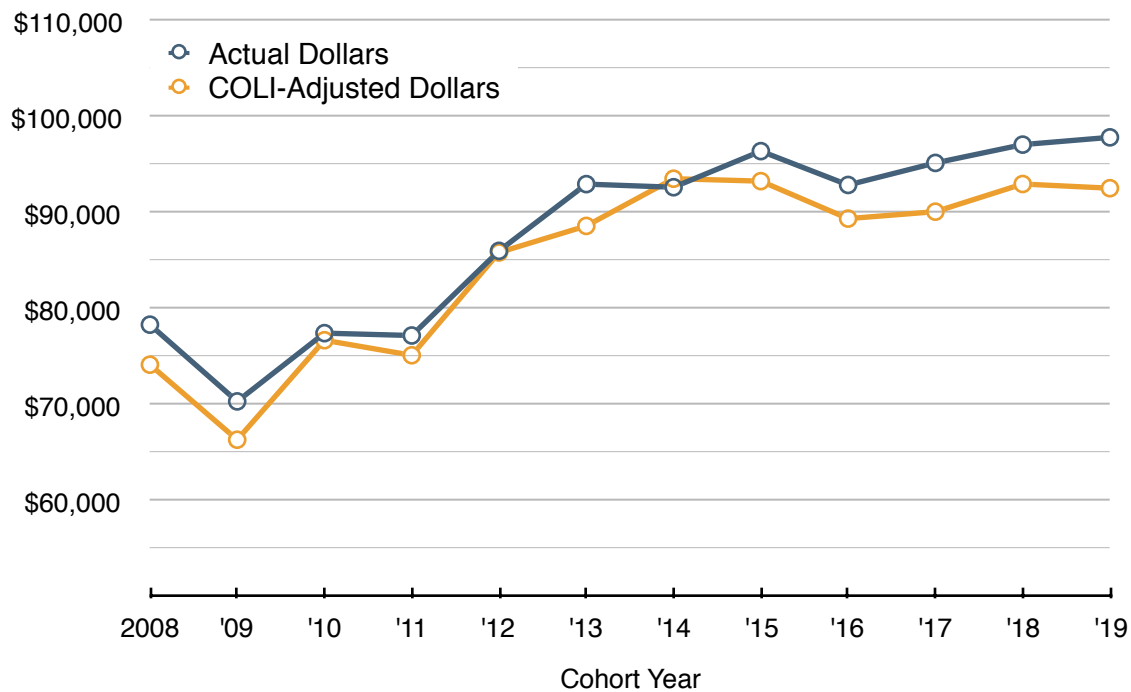
Global Employment Locations

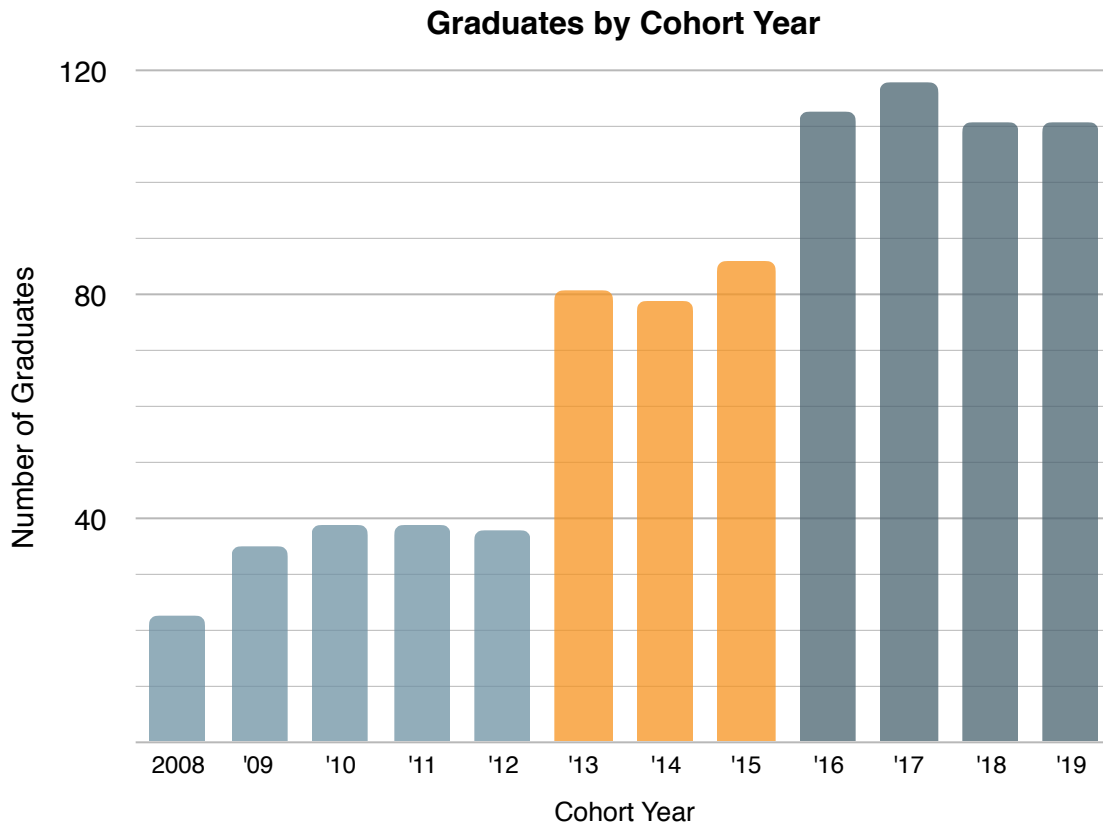


Inflation-Adjusted Average Starting Salary by Cohort Year



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





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 873 alumni, 866 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 changes happen, such as employment transitions, and slightly less so when receiving career ladder promotions.

Source URL: <http://analytics.ncsu.edu/reports/alumni/MSA2019.pdf>