| **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.

For further information contact: analytics@ncsu.edu
ALUMNI DEMOGRAPHICS

Citizenship
- U.S. Citizen: 81%
- Non-U.S.: 19%

Current Residency
- Non-Resident: 53%
- NC Resident: 47%

Gender
- Male: 59%
- Female: 41%

Employment
- U.S.: 96%
- International: 4%
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

- Consultant: 18%
- Data Scientist: 30%
- Analyst: 20%
- Manager: 22%
- Other: 10%

Selected Positions

- Advanced Analytics Data Scientist
- Analytical Consultant
- Analytics and Modeling Manager
- Analytics Consultant
- Associate Data Scientist
- Business Data Scientist
- Chief Data Scientist
- Consultant
- Data Analyst
- Data Scientist
- Data Scientist Manager
- Director, Data and Analytics
- Director, Data Science
- Head of Data and Analytics
- Head of Risk Management
- Lead Analyst
- Lead Data Scientist
- Manager, Advanced Analytics
- Manager, Customer Insights
- Manager, Data and Analytics
- Manager, Data Engineering
- Manager, Data Science
- Manager, Medical Advanced Analytics
- Manager, Reporting and Analytics
- Marketing Data Scientist Senior Associate
- Marketing Optimization Senior Associate
- Operations Analytics Modeler
- Principal Analyst, Data Science
- Principal Data Scientist
- Quantitative Finance Analyst
- Research Data Scientist
- Risk Analyst
- Senior Analyst
- Senior Analytics Consultant
- Senior Analytics Manager
- Senior Associate
- Senior Consultant
- Senior Data Analyst
- Senior Data Scientist
- Senior Data Science Consultant
- Senior Geographic Data Scientist
- Senior Insights Analyst
- Senior Manager, Advanced Analytics
- Senior Manager, Data Science
- Senior Model Validation Analyst
- Senior Specialist, Global Advanced Analytics
- Senior VP, Data Science
- Senior VP, Model Scoring & Data Analytics
- Senior Statistician
- Technical Architect
- Technical Research Manager
- Technical Consultant
- VP, Data Science & Analytics
- VP, Product and Strategy
### Top-30 Employers

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

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

![Graph showing alumni concentration among top-50 employers for 2017, 2018, and 2019. The graph displays the percent of alumni employed against the number of employers.](image-url)
Distribution of Employment Outside North Carolina by U.S. Geographic Region

- South: 44%
- Midwest: 18%
- West: 18%
- Northeast: 19%
First Employment Transition by Cohort

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

Number of Alumni

Cohort (years since graduation)

Percent of Cohort

Final estimate

Preliminary estimate
First Job Promotion by Cohort

Percent of Cohort with the First Job Promotion Occurring Within 3 Years of Graduation
Estimated Annual Earnings of Alumni Community

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

Employment at Graduation

- 40 students
- 80 students
- 120 students

Cohort Year

Placed by Graduation

- 80%
- 85%
- 90%
- 95%
- 100%
Inflation-Adjusted Average Starting Salary by Cohort Year

- Actual Dollars
- Inflation-Adjusted (2018) Dollars

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

- Actual Dollars
- COLI-Adjusted Dollars
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