
5th Year Career Development Report

Baruch MFE Program

Financial Engineering MS Program

Baruch College City University of New York

December 2019

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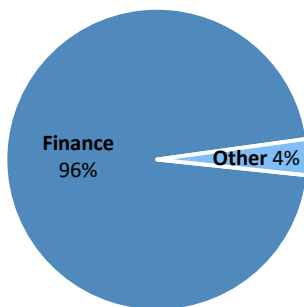
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Overview

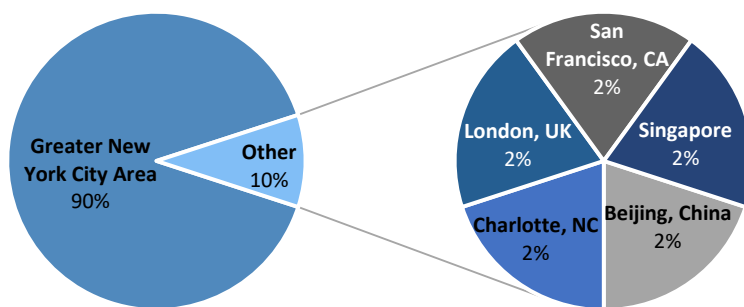
This report covers results from a career development survey conducted on Baruch MFE graduates from 2012 to 2014, who have been working for 4 to 6 years after graduation. The 2012 to 2014 cohort contains 59 full time graduates, all of whom were surveyed, and 52 of whom responded (88% response rate).

50 of the 52 graduates who responded continue to work in the financial services industry. 94% of them work in the US, with 90% located in the Greater New York City area.

Employment Industry



Location

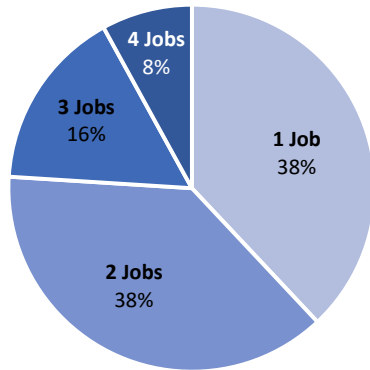


The following results are based on responses from the 50 graduates who continued to work in the financial services industry.

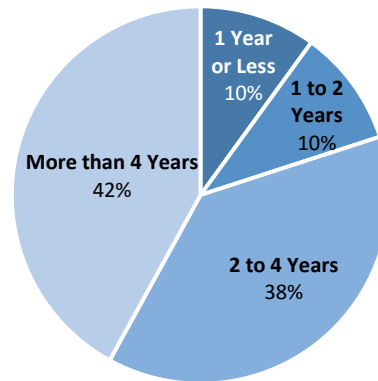
Job Tenure

After completion of the Baruch MFE program, 76% of graduates either continued employment at their initial (post MFE) firm or changed jobs once. 42% have been with their current employer for over 4 years.

Number of Jobs since Graduation



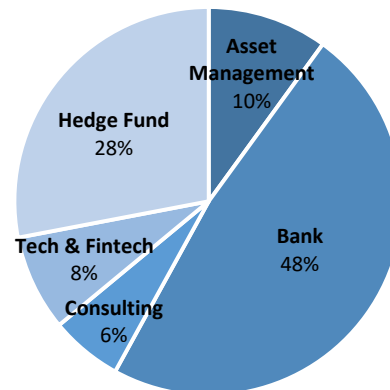
Number of Years at Current Firm



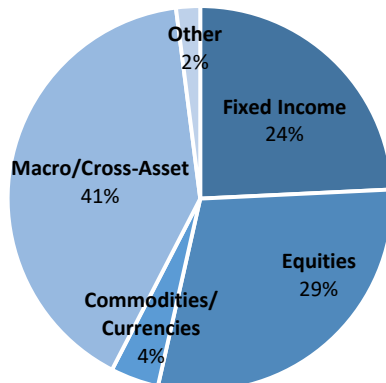
Organization Type and Area of Focus

48% of the graduates are employed on the sell-side, 38% on the buy-side, and the rest work in either fintech or consulting.

Organization Type



Area of Focus



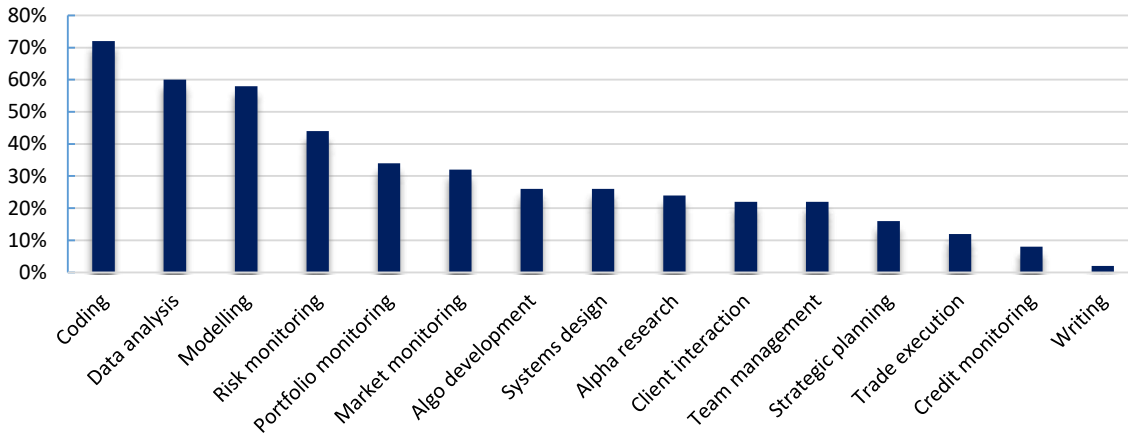
41% of the graduates focus on the macro/cross-asset¹ space, while 24% and 29% are involved with fixed income and equities, respectively.

¹ Any response containing more than three asset classes was counted towards macro/cross-asset.

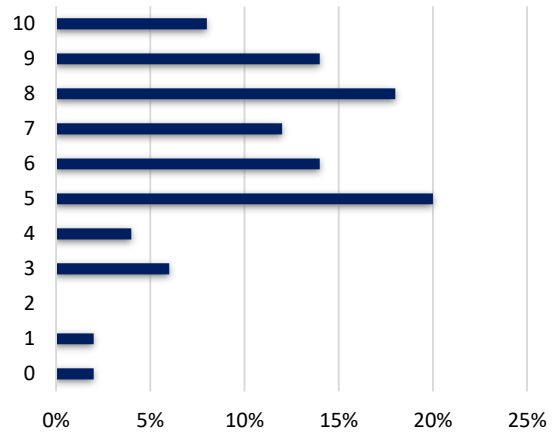
Nature of Work and Job Satisfaction

Over 50% of graduates perform coding, data analysis, and modelling on a daily basis.

Daily Tasks

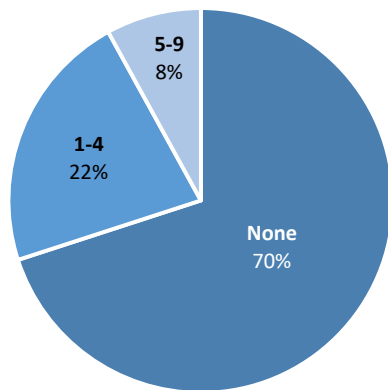


Use of MFE Knowledge



86% of graduates are using knowledge acquired in the Baruch MFE program in majority of their daily work², and 52% are using the Program's teachings in over 70% of their work.

Number of People Managed

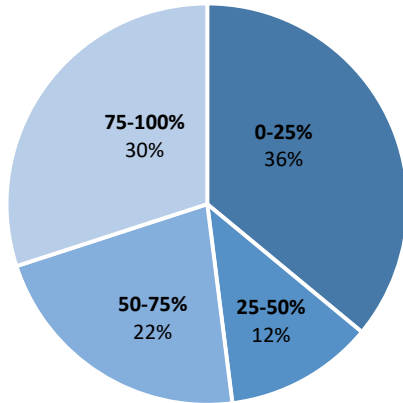


30% of the graduates are in managerial positions, and 8% are leading medium-sized groups.

² Usage of Baruch MFE knowledge is reported on a scale of 0 to 10, with 10 representing 100% of the work being related to or using knowledge obtained from the Baruch MFE Program, while 0 means that none is relevant.

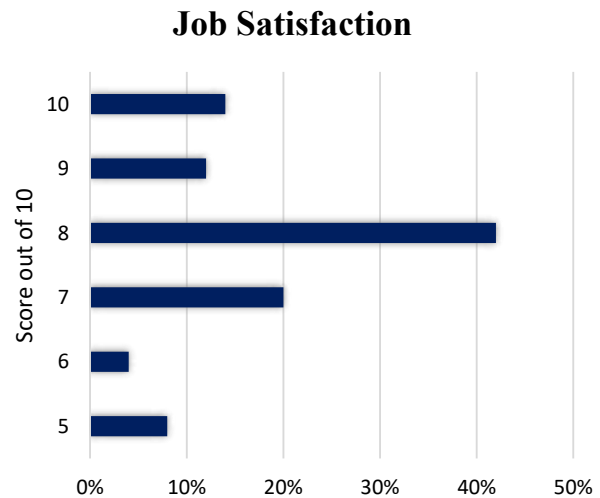
Over half of graduates report that computer programming exceeds 50% of their daily work. C++, Python, R, SQL, and VBA are the most commonly used programming languages, each with over 25% reported usage. Python is the most popular, with 80% adoption rate, with SQL coming in second at 52%.

Percentage of Coding in Daily Work



Language	Usage Rate
Python	80%
SQL	52%
VBA	42%
R	28%
C++	26%
Java	10%
KDB	6%

All surveyed graduates report job satisfaction³ of 5 or above, with 68% reporting a score higher than or equal to 8 (which is the median).

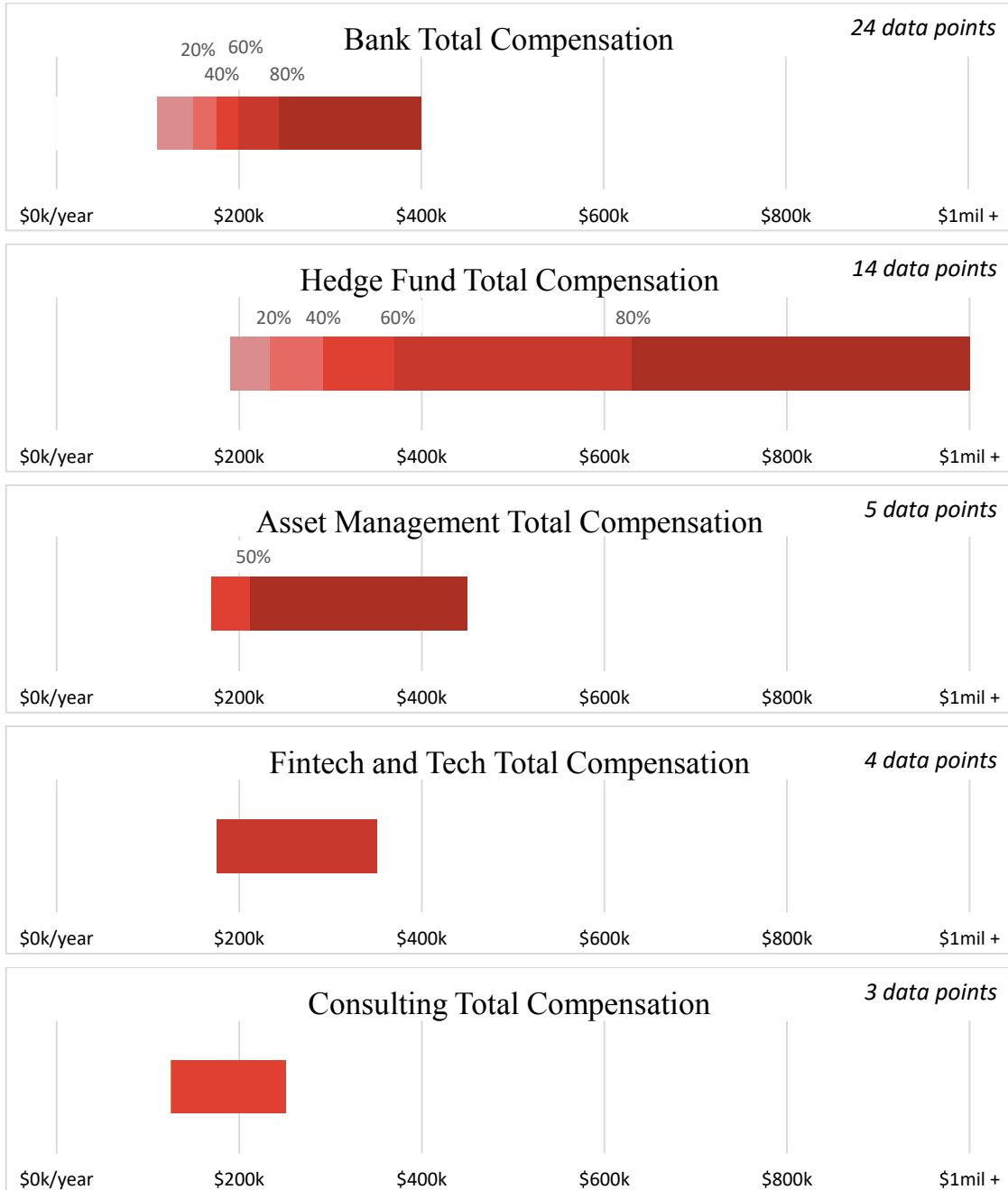


³ Job satisfaction is reported on a scale of 0 to 10, with 10 being the most satisfied and 0 being the least satisfied.

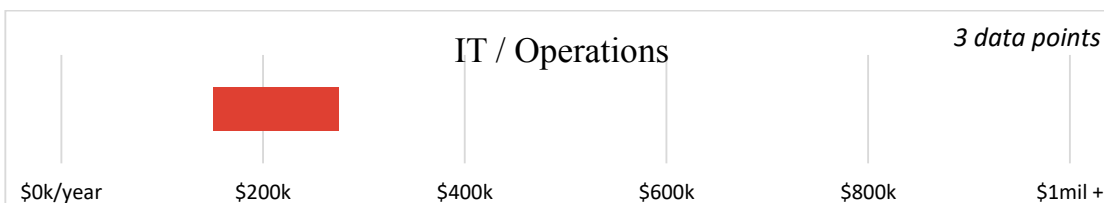
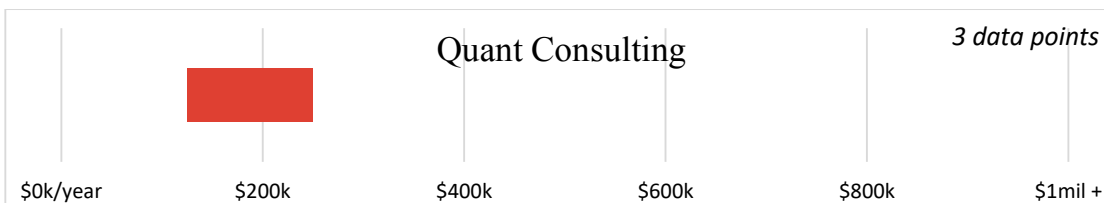
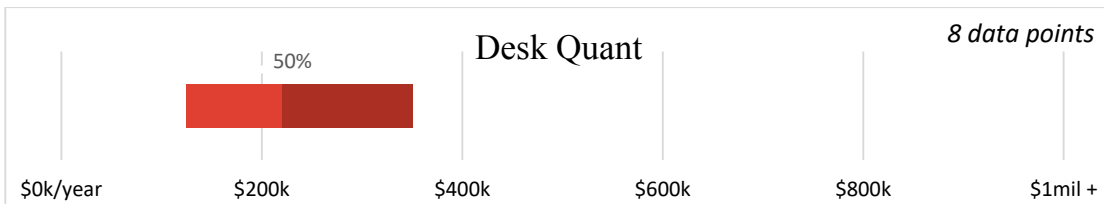
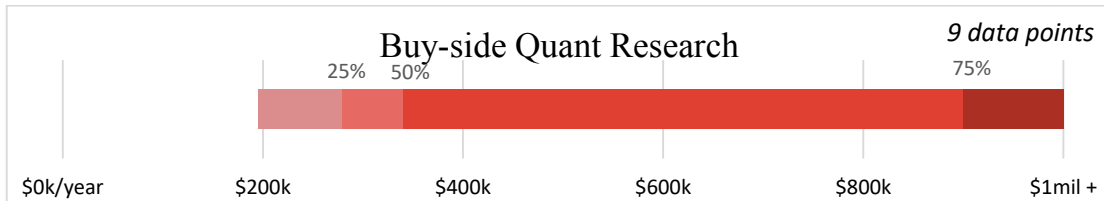
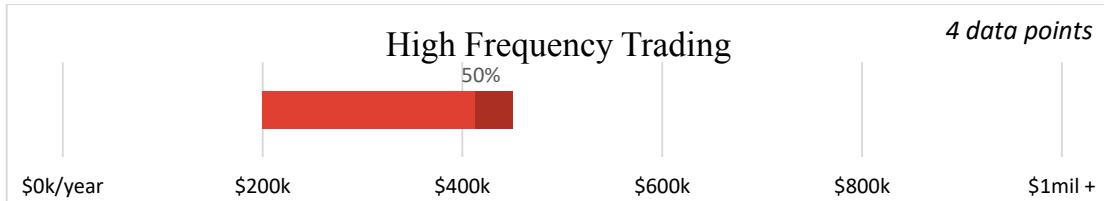
Compensation

This section contains distributions of total yearly compensation (includes both base salary and yearly bonus). The charts below show compensation distributions by institution type, role, as well as work experience and education obtained prior to starting the Baruch MFE program.

- Institution Type**

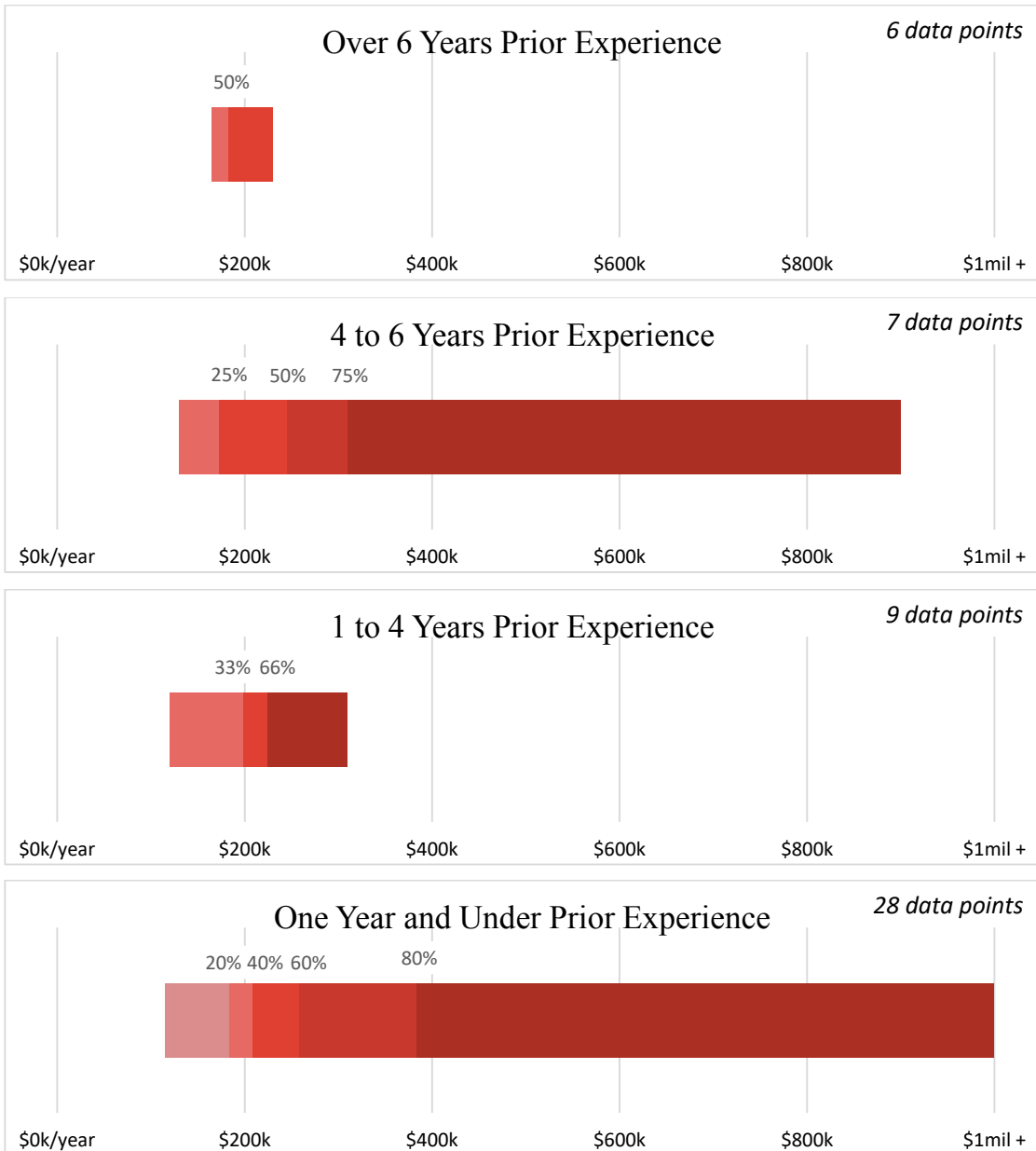


- **Role**



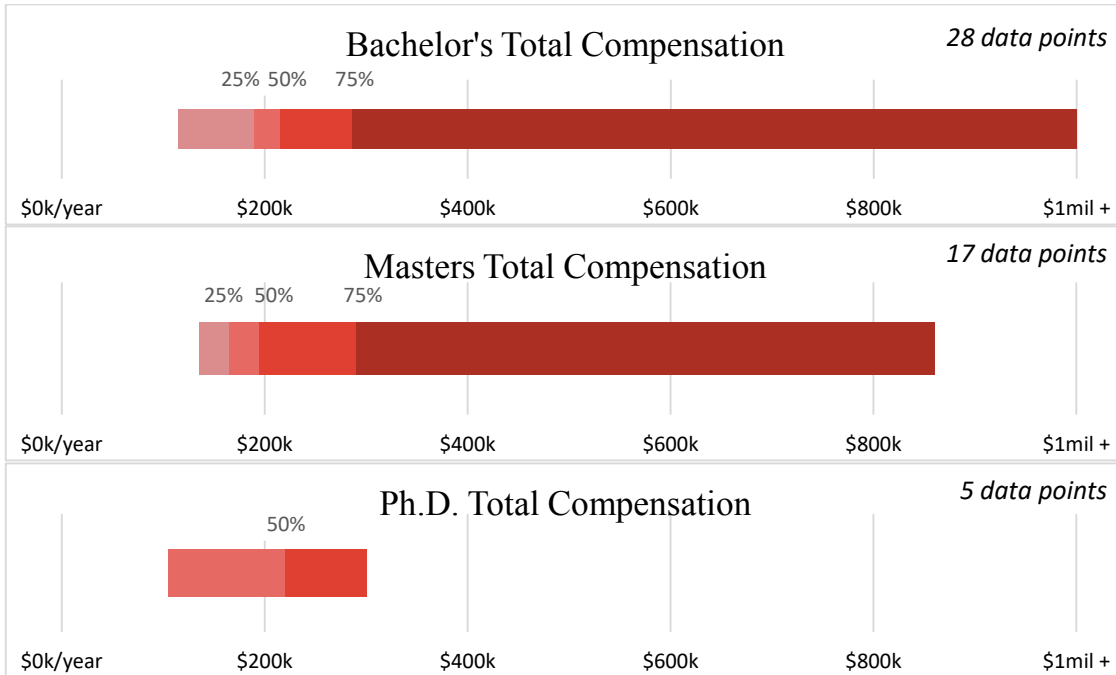
- **Prior Experience**

Here, prior experience refers to the amount of work experience before joining the Baruch MFE Program. The meritocratic nature of the finance industry and the fact that prior work experience is often not finance-related make it possible for graduates with one year or fewer prior work experience to reach the highest level of compensation.

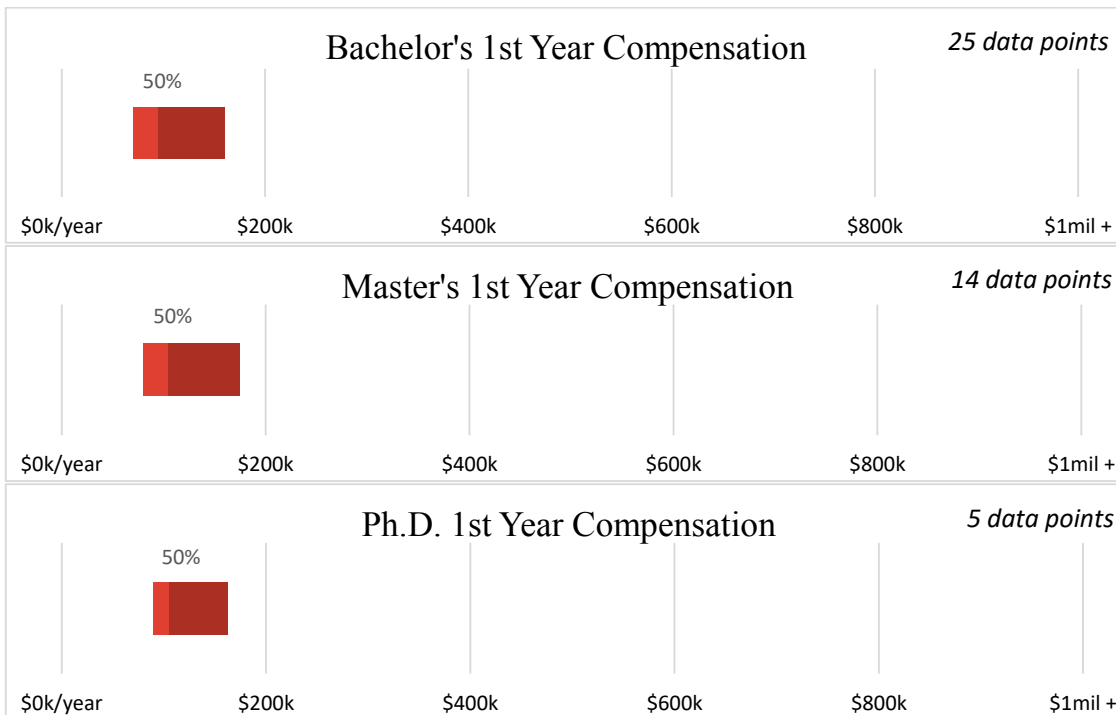


- **Prior Education**

Here, prior education refers to the highest level of education attained before joining the Baruch MFE program. Previous graduate degrees do not seem to influence total pay significantly. The broadest range of compensation is for graduates who only held a bachelor's degree before joining, albeit the compensation medians are relatively close for all levels of prior education.



For comparison purposes, the first-year compensation at graduation 4 to 6 years ago (base salary + sign on bonus) relative to prior education can be found below:



For questions regarding this survey, please contact Dan Stefanica at Dan.Stefanica@baruch.cuny.edu
 Layout and graphics generation: Paul Menestrier (Baruch College '20) and Xi Shimmy Xu (Baruch MFE '19)