

ASA 2017-2018 Masters Follow-Up Survey

Start of Block: Purpose Statement

Q1 Thank you for your participation in this survey. The American Statistical Association has initiated this survey in order to gather more information about students who have completed master's degrees in statistics or fields closely related to statistics all across the country. This information will be invaluable for understanding some of the outcomes of completing these kinds of degree programs and will also provide insight into the ways that future students can be further supported. We greatly appreciate your willingness to complete this survey and thank you for sharing your responses.

End of Block: Purpose Statement

Start of Block: Introduction

Q2 This survey is managed by the Center for Evaluation and Assessment at the University of Iowa. Your responses are located on a secure server. All individual responses are kept confidential. The results will be reported only in aggregate form. For example, a summary of the results will be shared in Amstat News (<http://magazine.amstat.org/blog/2018/10/01/bachelors-survey/>). If you have any questions or comments about this survey, email the Director of the Center for Evaluation and Assessment, Dr. Liz Hollingworth, at liz-hollingworth@uiowa.edu.

Q3 Did you receive a master's degree in statistics or a related field in the 2017 - 2018 academic year?

- Yes (1)
- No (2)
-

Display This Question:

If Did you receive a master's degree in statistics or a related field in the 2017 - 2018 academic year?
= No

Q75 What institution did you receive this survey link from?

▼ None of these (1) ... Yale University (193)

Skip To: End of Survey If What institution did you receive this survey link from? != None of these

Display This Question:

If What institution did you receive this survey link from? = None of these

Q76 Please enter the name of the institution:

Skip To: End of Survey If Please enter the name of the institution: Is Displayed

Display This Question:

*If Did you receive a master's degree in statistics or a related field in the 2017 - 2018 academic year?
= Yes*

Q4 What institution did you receive the degree from? *If you do not see the institution listed, please select the first option, "None of these."*

▼ None of these (1) ... Yale University (193)

Display This Question:

*If What institution did you receive the degree from? If you do not see the institution listed, pleas... =
None of these*

Q73 Please enter the name of the institution:

End of Block: Introduction

Start of Block: Status Information

Q5 Answer the following questions about your status as of March 6, 2019.

Q6 As of March 6, 2019, what was your academic enrollment status?

- Full-time in a degree program (1)
 - Part-time in a degree program (2)
 - Not enrolled in a degree program (3)
 - Planning to begin a degree program in the future (4)
-

Q7 As of March 6, 2019, what was your employment status? (Employed includes active military)

- Employed as a teaching or research assistant while enrolled in graduate school (1)
- Employed full-time (35 hours or more a week) (2)
- Employed part-time (3)
- Not employed (4)
- Other: (5) _____

End of Block: Status Information

Start of Block: Degree Information

Q8 When in the 2017-2018 academic year did you receive your master's degree in statistics or a statistics-related field?

	Year	Month
Please Select: (1)	▼ 2018 (1 ... 2017 (2)	▼ January (1 ... December (12)

Q9 From the time you first enrolled, about how long did it take to obtain your master's degree?

	Years	Months
	(1)	(1)
Please enter the amount: (1)		

Q10 Which of the following best describes your master's degree field?

- General Statistics (1)
- Applied Statistics (2)
- Actuarial Science (3)
- Data Science (4)
- Informatics (5)
- Biostatistics (6)
- Mathematics (7)
- Mathematics, with a statistics emphasis (8)
- Other: (9) _____

Q11 Which of the following best describes your bachelor's degree field?

▼ None of these (1) ... Zoology (323)

Display This Question:

If Which of the following best describes your bachelor's degree field? = None of these

Q74 Please enter your bachelor's degree field:

End of Block: Degree Information

Start of Block: Employment as of March 6, 2019



Q12 Think back to the time you accepted the position you held as of March 6, 2019. How many job offers did you receive, including the position that you accepted? (Please enter the number in numeric form.)

Q13 Please describe your job search experiences, including what helped you locate and secure the position you held as of March 6, 2019.

Q14 What was the name of your employer as of March 6, 2019? *If you worked for a contracting or consulting company, report the name of the company, not the client organization.*

Q15 Which of the following sectors best describes your employer as of March 6, 2019?

- Elementary or middle school (1)
- High school (2)
- Two-year college (3)
- Four-year college or university (4)
- University-affiliated research institute (5)
- Company or business (6)
- Insurance (7)
- Finance or Banking (8)
- Pharmaceutical (9)
- Technology (10)
- Hospital or medical facility (11)
- Nonprofit organization (12)
- Research (Private Sector) (13)
- Government contractor (14)
- Self-employed and/or consultant (15)
- Other private sector, specify: (16) _____
- Government lab (17)
- Federal statistical agency (18)
- Other federal agency: (19) _____
- State or local government (20)

Active military, specify rank: (21)

Other, specify: (22) _____

Q16 What was your professional title as of March 6, 2019?

Q17 Where was the position you held as of March 6, 2019 located?

In the U.S. (1)

Outside of the U.S. (2)

Display This Question:

If Where was the position you held as of March 6, 2019 located? = In the U.S.

Q18 Where in the U.S. was the position you held as of March 6, 2019 located?

▼ Alabama (1) ... I do not reside in the United States (53)

Display This Question:

If Where was the position you held as of March 6, 2019 located? = Outside of the U.S.

X→

Q19 In which country was the position you held as of March 6, 2019 located?

▼ Afghanistan (1) ... Zimbabwe (195)

Q20 Is your position salaried or hourly?

- Salaried (1)
- Hourly (2)

Display This Question:

If Is your position salaried or hourly? = Salaried



Q21 What was your annual base salary as of March 6, 2019? (Please enter the number in numeric form.) *Do not include bonuses, overtime, or additional compensation for summertime teaching or research.*

Display This Question:

If Is your position salaried or hourly? = Hourly



Q22 What was your hourly wage as of March 6, 2019? (Please enter the number in numeric form.)

Display This Question:

If Is your position salaried or hourly? = Hourly



Q23 About how many hours do you work during a typical week? (Please enter the number in numeric form.)

Q24 Which category most closely describes how frequently you used the following skills or perform the following activities in your position as of March 6, 2019?

	Rarely or Never (1)	Monthly (2)	Weekly (3)	Daily (4)
Work on a team (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public speaking (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work with customers or clients (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manage people (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manage projects (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manage finances or budgets (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Perform quality control (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solve technical problems (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical writing (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-technical writing (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q25 Which category most closely describes how frequently you used the following skills or perform the following activities in your position as of March 6, 2019?

	Rarely or Never (1)	Monthly (2)	Weekly (3)	Daily (4)
Use statistics or advanced math (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze and interpret data (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use or develop statistical models (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design experiments (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Survey research (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Programming or systems software (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tech support or computer administration (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manage databases (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Query databases (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q26 Please describe any other technical or non-technical skills you perform weekly or daily in your position as of March 6, 2019 but that were not listed in the previous question:

Q27 Which category most closely describes how frequently you used the following skills or perform the following activities in your position as of March 6, 2019?

	Rarely or Never (1)	Monthly (2)	Weekly (3)	Daily (4)
R (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SAS (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
JMP (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Minitab (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SPSS (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Python (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Java (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SQL (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tableau (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Excel (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Q28 How influential do you feel your statistics or statistics related master's degree was in securing your current position?

- Very influential (4)
 - Somewhat influential (3)
 - Not very influential (2)
 - Not at all influential (1)
-



Q29 Rate your level of satisfaction with the position you held as of March 6, 2019.

	Very satisfied (4)	Somewhat satisfied (3)	Somewhat dissatisfied (2)	Very dissatisfied (1)
Overall satisfaction (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Salary and benefits (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Job security (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opportunity for advancement (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intellectual challenge (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Level of responsibility (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Employment as of March 6, 2019

Start of Block: Academic Enrollment as of March 6, 2019.

Q30 What broad field were you pursuing at the institution you attended as of March 6, 2019?

- Statistics (1)
 - Biostatistics (2)
 - Data science (3)
 - Other: (4) _____
-

Q31 What is the highest degree you intended to receive in the broad field you were pursuing as of March 6, 2019?

- Doctorate (1)
 - Master's (2)
 - MD (3)
 - Other professional degree (includes JD, MBA, etc) (4)
 - Other: (5) _____
 - Unsure (6)
-

Q32 What degree program were you enrolled in as of March 6, 2019?

- Doctorate (1)
- Master's (2)
- MD (3)
- Other professional degree (includes JD, MBA, etc) (4)
- Other: (5) _____
- Not enrolled in a specific degree program (6)



Q33 When did you enroll at the department you attended as of March 6, 2019?

	Month	Year
Please Select: (1)	▼ January (1 ... December (12)	▼ 1900 (1 ... 2049 (150)

Q34 What was the name of the institution you attended as of March 6, 2019?

Q35 Where was the institution you attended as of March 6, 2019 located?

- In the U.S. (1)
- Outside of the U.S. (2)

Display This Question:

If Where was the institution you attended as of March 6, 2019 located? = In the U.S.

Q36 Where in the U.S. was the institution you attended as of March 6, 2019 located?

▼ Alabama (1) ... I do not reside in the United States (53)

Display This Question:

If Where was the institution you attended as of March 6, 2019 located? = Outside of the U.S.



Q37 In which country was the institution you attended as of March 6, 2019 located?

▼ Afghanistan (1) ... Zimbabwe (195)

Q38 What was your primary source of financial support at the institution you attended as of March 6, 2019?

- Teaching Assistantship (1)
- Research Assistantship (2)
- Fellowship (3)
- Scholarship. Please provide the name: (4)

- Family, savings, and/or loan (5)
- Tuition reimbursement from outside employment (6)
- Wages from outside employment (7)
- Military (8)
- Other: (9) _____

Display This Question:

If What was your primary source of financial support at the institution you attended as of March 6,... = Teaching Assistantship

Or What was your primary source of financial support at the institution you attended as of March 6,... = Research Assistantship

Or What was your primary source of financial support at the institution you attended as of March 6,... = Fellowship

Q39 What was your annual base stipend or salary? (Please enter the number in numeric form.) You may report the amount in terms of an annual salary or an hourly rate.

Annual Salary: (1) _____

Hourly Rate: (2) _____

Display This Question:

If What was your annual base stipend or salary? (Please enter the number in numeric form.) You may r... = Hourly Rate:



Q40 About how many hours do you work during a typical week? (Please enter the number in numeric form.)

End of Block: Academic Enrollment as of March 6, 2019.

Start of Block: Not Employed

Q41 You indicated that you were not employed as of March 6, 2019. Were you seeking employment at that time?

No (1)

Yes (2)

Display This Question:
If You indicated that you were not employed as of March 6, 2019. Were you seeking employment at that... = Yes



Q42 How many months had you spent actively seeking employment? (Please enter the number in numeric form.)

Display This Question:
If You indicated that you were not employed as of March 6, 2019. Were you seeking employment at that... = Yes

Q43 Please describe some of the difficulties or barriers you faced in your job search experiences as of March 6, 2019:

Display This Question:
If You indicated that you were not employed as of March 6, 2019. Were you seeking employment at that... = Yes

Q44 What types of experiences, training, or other qualifications do you feel would have helped you secure a position?

Q45 Where were you residing as of March 6, 2019?

- In the U.S. (1)
- Outside of the U.S. (2)

Display This Question:

If Where were you residing as of March 6, 2019? = In the U.S.

Q46 Where in the U.S. were you residing as of March 6, 2019?

▼ Alabama (1) ... I do not reside in the United States (53)

Display This Question:

If Where were you residing as of March 6, 2019? = Outside of the U.S.



Q47 In which country were you residing as of March 6, 2019?

▼ Afghanistan (1) ... Zimbabwe (195)

End of Block: Not Employed

Start of Block: Enrollment Plans

Q48 What are your plans for enrolling in a degree program?

- In the next academic year (1)
 - In two or three years (2)
 - In more than three years (3)
 - Unsure of when (4)
-

Q49 In which broad field do you intend to enroll? *Choose only one.*

- Statistics (1)
 - Biostatistics (2)
 - Data science (3)
 - Other: (4) _____
 - Unsure (5)
-

Q50 What is the highest degree you intend to receive in that broad field? *Check only one.*

- Doctorate (1)
- Master's (2)
- MD (3)
- Other professional degree (includes JD, MBA, etc) (4)
- Other: (5) _____
- Unsure (6)

End of Block: Enrollment Plans

Start of Block: Other Employment

Q51

You indicated you were not enrolled in school and that your employment status was "other."

Please describe your circumstances as of March 6, 2019.

Q52 Where were you residing as of March 6, 2019?

- In the U.S. (1)
- Outside of the U.S. (2)

Display This Question:

If Where were you residing as of March 6, 2019? = In the U.S.

Q53 Where in the U.S. were you residing as of March 6, 2019?

▼ Alabama (1) ... I do not reside in the United States (53)

Display This Question:

If Where were you residing as of March 6, 2019? = Outside of the U.S.



Q54 In which country were you residing as of March 6, 2019?

▼ Afghanistan (1) ... Zimbabwe (195)

End of Block: Other Employment

Start of Block: Looking Back

Q55 Did your statistics department or faculty provide any career guidance?

- Yes (1)
- No (2)
-

Q56 Did you utilize your on-campus career counseling center?

- Yes (1)
- No (2)

Display This Question:

If Did you utilize your on-campus career counseling center? = Yes

Q57 Did you find your on-campus career counseling center useful?

- Yes (1)
- No (2)

Display This Question:

If Did you utilize your on-campus career counseling center? = Yes

Q58 Please elaborate on why the center was or was not useful:

Q59 Indicate your agreement with the following statements about your master's program.

Q60 My master's program prepared me to effectively analyze and interpret data critically using statistical models.

- Strongly disagree (1)
 - Disagree (2)
 - Neither agree nor disagree (3)
 - Agree (4)
 - Strongly agree (5)
-

Q61 My master's program prepared me to effectively analyze and interpret data critically using computational methods.

- Strongly disagree (1)
 - Disagree (2)
 - Neither agree nor disagree (3)
 - Agree (4)
 - Strongly agree (5)
-

Q62 My master's program prepared me to effectively communicate, both orally and in written form, results of statistical analyses to a variety of audiences.

- Strongly disagree (1)
- Disagree (2)
- Neither agree nor disagree (3)
- Agree (4)
- Strongly agree (5)

Q63 From the perspective of your status as of March 6, 2019, what would you do differently concerning your master's education?

End of Block: Looking Back

Start of Block: Demographics

Q64 What is your gender identity?

- Female (1)
- Male (2)
- Prefer to self-describe: (3) _____
- Prefer not to say (4)

Q65 Transgender is an identity term referring to people whose expressions and/or behaviors differ from those associated with their assigned biological sex at birth. Do you identify as transgender?

- Yes (1)
 - No (2)
 - Prefer to self-describe: (3) _____
 - Prefer not to say (4)
-



Q66 What is your year of birth?

Q67 What is your citizenship status?

- U.S. citizen (1)
- Non US-citizen, H1-B visa (2)
- Non US-citizen, other temporary visa (3)
- Non US-citizen, permanent resident status (4)
- Non US-citizen, other (5)

Display This Question:

If What is your citizenship status? != U.S. citizen



Q68 What is your country of citizenship?

▼ Afghanistan (1) ... Zimbabwe (195)

Q69 Do you have any advice for current statistics students?

End of Block: Demographics

Start of Block: Notification

Q70 Would you like to be notified when the results of this study are posted on the American Statistical Association's website?

Yes (1)

No (2)

Display This Question:

If Would you like to be notified when the results of this study are posted on the American Statistic... = Yes



Q71 Email address to send notification:

End of Block: Notification
