

American Statistical Association Follow-Up Survey

This survey is being conducted by AIP Statistical Research. All responses are maintained on a secure server and are kept strictly confidential.

In this questionnaire, the question numbering may not be sequential depending on your responses. Please note: If you are completing this survey on a mobile device, rotating your device to landscape view is recommended to achieve larger font size.

If you have any questions about the survey, please contact Jack Pold at jpold@aip.org

Proceed to Questionnaire

(1) Did you receive a bachelor's degree in statistics, biostatistics, or a related field in the 2022 - 2023 academic year?

- ○ Yes
- ○ No

(2) When was your bachelors granted?

Month: Choose one **Year:** Choose one

(3) Which of the following best describes your statistics related undergraduate degree field?

- ○ General statistics
- ○ Applied statistics
- ○ Statistics and machine learning
- ○ Actuarial science
- ○ Biostatistics
- ○ Business analytics
- ○ Data science
- ○ Informatics
- ○ Mathematics
- ○ Mathematics, with a statistics emphasis
- ○ Other:

(4) Did you graduate with a double major?

- ○ No
- ○ Yes Choose One

(5) Did you graduate with a minor?

- ○ No
- ○ Yes Choose One

(6) Outside of your regular classroom assignments, did you participate in any of the follow activities during your time as an undergraduate? *Please check all that apply.*

- ☐ A thesis or capstone project
- ☐ REU (NSF Research Experience for Undergraduates)
- ☐ Other on-campus research (e.g. participate in a faculty research project)
- ☐ Other summer research experience on another campus
- ☐ An off-campus internship or industrial co-op
- ☐ DataFest or Hack-a-thon
- ☐ A conference presentation or attendance
- ☐ Graduate courses
- ☐ An on-campus internship
- ☐ Consulting or freelancing
- ☐ A teaching assistantship
- ☐ Other:

(6a) How do you feel your experiences outside of your regular classroom assignments effected your current situation?

(7) **As of March 4, 2024, what was your academic enrollment status? $errortext**

- ○ Full-time in a degree program
- ○ Part-time in a degree program
- ○ Not enrolled in a degree program
- ○ Planning to begin a degree program in the future

(8) **As of March 4, 2024, what was your employment status? (Employed includes active military) $errortext**

- ○ Employed only as a teaching or research assistant while enrolled in graduate school
- ○ Employed full-time (35 hours or more per week)
- ○ Employed part-time
- ○ Full-time internship (35 hours or more a week)
- ○ Part-time internship
- ○ Not employed
- ○ Other

(8) **As of March 4, 2024, what was your employment status? (Employed includes active military) $errortext**

- ○ Employed only as a teaching or research assistant while enrolled in graduate school
- ○ Employed full-time (35 hours or more per week)
- ○ Employed part-time
- ○ Full-time internship (35 hours or more a week)
- ○ Part-time internship
- ○ Not employed
- ○ Other

(9) **As of March 4, 2024, what was your employment status? (Employed includes active military) $errortext**

- ○ Employed full-time (35 hours or more per week)
- ○ Employed part-time
- ○ Full-time internship (35 hours or more a week)
- ○ Part-time internship
- ○ Not employed
- ○ Other

(10) You indicated that you were not employed as of March 4, 2024. Were you seeking employment at that time?

- ○ No
- ○ Yes

(10a) How many months have you spent actively seeking employment?

Choose one

(11) Where were you residing as of March 4, 2024?

- ○ Outside of the US
- ○ In the US: Choose One

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

The next set of questions asks about your academic enrollment as of March 4, 2024.

(13) What broad field were you pursuing at the institution you attended as of March 4, 2024?

- ○ Statistics
- ○ Biostatistics
- ○ Data science
- ○ Other: Choose One

(14) What is the highest degree you intended to receive in the broad field you were pursuing as of March 4,

2024?

- ○ Doctorate
- ○ Master's
- ○ Bachelor's
- ○ MD
- ○ Other professional degree (includes JD, MBA, etc.)
- ○ Other:
- ○ Unsure

(15) What degree program were you enrolled in as of March 4, 2024?

- ○ Doctorate
- ○ Master's
- ○ Bachelor's
- ○ MD
- ○ Other professional degree (includes JD, MBA, etc.)
- ○ Other:
- ○ Not enrolled in a specific degree program

(16) What was the location of the institution you attended as of March 4, 2024?

- ○ Outside of the US
- ○ In the US Choose One

(17) What was your primary type of academic support at the institution you attended as of March 4, 2024?

- ○ Teaching Assistantship
- ○ Research Assistantship
- ○ Fellowship
- ○ Scholarship - Type:
- ○ Family, savings, loan
- ○ Tuition reimbursement from outside employment
- ○ Wages from outside employment
- ○ Military
- ○ Other:

(18) What was your stipend or salary for the TA, RA, or fellowship you held March 4, 2024?

Academic year stipend (9 months): US $ .00

Summer stipend (3 months): US$ .00

The next set of questions asks about your employment as of March 4, 2024.

(19) Think back to the time you accepted the position you held as of March 4, 2024. How many job offers did you receive, including the position that you accepted?

Choose one

(20) Please describe your job search experiences, including what helped you locate and secure the position you held as of March 4, 2024.

(21) When did you start the position you held as of March 4, 2024?

Month: Choose one **Year:** Choose one

(22) What was the name of your employer as of March 4, 2024?
If you worked for a contracting or consulting company, please report the name of the company, not the client organization.

(23) Which of the following employment sectors best describes your employer as of March 4, 2024?

- ○ Educational institution
- ○ Private sector (including self employed and consulting)
- ○ Government
- ○ Nonprofit organization
- ○ Hospital or medical facility
- ○ Other - *Please specify*

(24) You indicated that you were working in an educational institution, which of the following best describes the specific sector?

- ○ Elementary or Middle school
- ○ High school
- ○ Two-year college
- ○ Four-year college or university
- ○ University-affiliated research center
- ○ Observatory
- ○ Other educational institution - *Please specify*:

(25) What was your job title or position name as of March 4, 2024?

Job title or Position name:

(26) Where was the position you held as of March 4, 2024 located?

- ○ Outside of the US
- ○ In the US Choose One

(27) What was your annual base salary as of March 4, 2024?
Please do not include bonuses, overtime, or additional compensation for summertime teaching or research.

US $ .00 / year

(28) Was the salary for:

- ○ 9-10 months of work (even if paid over 12 months)
- ○ 11-12 months of work

(29) You indicated that you were working in the private sector, which of the following best describes the specific sector?

- ○ Company or Business
- ○ Government contractor
- ○ Consulting

- ○ Self-employed and/or Consultant
- ○ Other private sector - *Please specify*:

(30) You indicated that you were working in the government, which of the following best describes the specific sector?

- ○ Civilian government
- ○ Government lab
- ○ Active military - *Please specify rank:*
- ○ Other government - *Please specify :*

(31) What was your job title or position name as of March 4, 2024?

Job title or Position name:

(32) Where was the position you held as of March 4, 2024 located?

- ○ Outside of the US
- ○ In the US Choose One

(33) What was your annual base salary as of March 4, 2024?
Please do not include bonuses, overtime, or additional compensation for summertime teaching or research.

US $ .00 / year

(34) The next set of questions ask how frequently you use certain knowledge and skills, perform certain activities, and use specific programs in the position you held as of March 4, 2024.

(35) How often did you perform the following in your current position:

	Rarely or never	Monthly	Weekly	Daily
Work on a team	○	○	○	○
Teaching	○	○	○	○
Public speaking	○	○	○	○
Work with customers or clients	○	○	○	○
Technical writing	○	○	○	○
Non-technical writing	○	○	○	○

(36) How often did you perform the following in your current position:

	Rarely or never	Monthly	Weekly	Daily
Manage people	○	○	○	○
Manage projects	○	○	○	○
Manage finances or budgets	○	○	○	○
Perform quality control	○	○	○	○
Solve technical problems	○	○	○	○

(37) How often did you perform the following in your current position:

	Rarely or never	Monthly	Weekly	Daily
Use statistics or advanced math	○	○	○	○
Analyze and interpret data	○	○	○	○
Query databases	○	○	○	○
Use or develop statistical models	○	○	○	○
Use machine learning models	○	○	○	○

Develop machine learning models	○	○	○	○
Use generative AI algorithms	○	○	○	○
Develop AI algorithms	○	○	○	○

(38) **How often did you perform the following in your current position:**

	Rarely or never	Monthly	Weekly	Daily
Design experiments	○	○	○	○
Survey research	○	○	○	○
Coding or Programming	○	○	○	○
Data engineering or Software development	○	○	○	○
Tech support or computer administration	○	○	○	○
Manage databases	○	○	○	○
Data cleaning	○	○	○	○
Data processing	○	○	○	○

(39) **Are there any additional technical or nontechnical skills you regularly use in your current position that you would like us to know about?**

(40) **In a typical month, how many formal presentations do you give?** ***Please include presentations at conferences and meetings that are both internal or external to your organization.***

Choose one

(41) The programing or coding skills I obtained as a result of my undergraduate coursework were appropriate for meeting the demands of my current position.

- ○ Strongly disagree
- ○ Disagree
- ○ Neither agree nor disagree
- ○ Agree
- ○ Strongly agree

(42) How often did you use:

	Rarely or never	Monthly	Weekly	Daily
Excel	○	○	○	○
Java	○	○	○	○
Python	○	○	○	○
R	○	○	○	○
SAS	○	○	○	○
SQL	○	○	○	○
Tableau	○	○	○	○
Other - *Please specify:*	○	○	○	○

(43) How influential do you feel your statistics or related major was in securing your current position?

- ○ Very influential
- ○ Somewhat influential
- ○ Not very influential
- ○ Not at all influential

(44) Rate your level of satisfaction with the position you held as of March 4, 2024.

	Very dissatisfied	Dissatisfied	Neither satisfied nor dissatisfied	Satisfied	Very satisfied
Overall satisfaction	○	○	○	○	○
Salary and benefits	○	○	○	○	○
Job security	○	○	○	○	○
Opportunity for advancement	○	○	○	○	○

Intellectual challenge	○	○	○	○	○
Level of responsibility	○	○	○	○	○

(45) You indicated that you were not employed as of March 4, 2024. Were you seeking employment at that time?

- ○ No
- ○ Yes

(46) Have you participated in any interviews for employment following your graduation?

- ○ Yes
- ○ No

(47) With how many different employers did you interview?

Choose one

(48) Had you received any offers of employment as of March 4, 2024?

- ○ Yes
- ○ No

(49) Please explain why you did not accept a job offer you received.

(50) Where were you residing as of March 4, 2024?

○ Outside of the US
○ In the US Choose One

(51) How would you describe your circumstances as of March 4, 2024?

(52) You indicated you were not enrolled in school and that your employment status was other. Please describe your circumstances as of March 4, 2024.

(53) Where were you residing as of March 4, 2024?

○ Outside of the US
○ In the US Choose One

(54) You indicated you were not enrolled in school and that your employment status was other. Please describe your circumstances as of March 4, 2024.

(55) Where were you residing as of March 4, 2024?

○ Outside of the US
○ In the US Choose One

The next set of questions asks about your past educational experiences.

(56) Did your statistics department or faculty provide any career guidance?

- ○ Yes
- ○ No

(57) Did you utilize your on-campus career counseling center?

- ○ Yes
- ○ No

(57a) Did you find your on-campus career center useful?

- ○ Yes
- ○ No

(57b) Please elaborate on your experiences with your on-campus career counseling center:

(58) My degree program prepared me effectively to:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Analyze and interpret data critically using statisical models	○	○	○	○	○
Analyze and interpret data critically using	○	○	○	○	○

computational methods					
Communicate orally and in written form results of statistical analyses	○	○	○	○	○

(59) Have you participated in any certificate or related non-university programs to augment your statistical or data science skills?

- ○ Yes
- ○ No

(59a) Please describe the non-university program you participated in, including the provider, program name and topics.

(60) From the perspective of your status as of March 4, 2024, what would you do differently concerning your undergraduate education?

The next section asks about you as an individual.

(61) What is your gender identity?

- ○ Woman
- ○ Man
- ○ Another identity - *Please specify if you wish:*
- ○ Prefer not to say

(62) Date of birth:

Month: Choose one **Year:**

(63) What is your citizenship?

- ○ US citizen
- ○ Non-US citizen, permanent resident status (green card holder)
- ○ Non-US citizen, H1-B visa
- ○ Non-US citizen, Optional Practical Training visa (OPT)
- ○ Non-US citizen, other temporary visa
- ○ Non-US citizen, other

(64) What is your country of citizenship?

Choose one

(65) Do you have any additional comments? Do you have any advice for current statistics, biostatistics, or related fields students?

(66) If you would like to receive an email when the results of this study are available on the American Statistical Association's website, please enter your email address.

Permanent email:

ASA AMERICAN STATISTICAL ASSOCIATION
Promoting the Practice and Profession of Statistics®

Thank you, your data has been submitted.

For this survey, we are focusing on bachelors recipients from the 2022-2023 academic year. You indicated you were not part of that degree class, so your survey is now complete.



Your survey is complete, and your data has been submitted.
Thank you for completing the ASA Follow-up Survey.