

Statistician

Social Security Number

Vacancy Identification Number

ATR1115D

1. Title of Job

Statistician

2. Biographic Data

3. E-Mail Address

List Email if you answer Yes.

4. Work Information

Leave Blank

5. Employment Availability

Leave blank, this is only a full-time position.

6. Citizenship

Are you a citizen of the United States?

7. Background Information

Leave Blank

8. Other Information

Leave Blank

9. Languages

Leave Blank

10. Lowest Grade

07

11. Miscellaneous Information

Leave Blank

12. Special Knowledge

Leave Blank

13. Test Location

Leave Blank

14. Veteran Preference Claim

15. Dates of Active Duty - Military Service

16. Availability Date

17. Service Computation Date

Leave Blank

18. Other Date Information

Leave Blank

19. Job Preference

Leave Blank

20. Occupational Specialities

Enter 001 (Statistician)

21. Geographic Availability

Enter 0675 (Washington DC Metro Area, DC)

22. Transition Assistance plan

23. Job related Experience

Enter work experience in years and months.

24. Personal Background Information

Leave Blank

25. Occupational/Assessment Questions

Section 25, 1- 6 should be answered by candidates who want to be considered for the GS-7. Darken the oval corresponding to the statement in Section 25 of the Qualifications and Availability Form C. Please select only one letter for each item. Your qualifications must be supported in your resume.

1. In accordance with OPM's qualifications standards, the following basic requirements must be met in order to qualify for this position: Degree: that included 15 semester hours in statistics (or in mathematics and statistics, provided at least 6 semester hours were in statistics), and 9 additional semester hours in one or more of the following: physical or biological sciences, medicine, education, or engineering; or in the social sciences

including demography, history, economics, social welfare, geography, international relations, social or cultural anthropology, health sociology, political science, public administration, psychology, etc. Credit toward meeting statistical course requirements should be given for courses in which 50 percent of the course content appears to be statistical methods, e.g., course that included studies in research methods in psychology or economics such as tests and measurements or business cycles, or courses in methods of processing mass statistical data such as tabulating methods or electronic data processing. OR Combination of education and experience—courses as shown above, plus appropriate experience or additional education. The experience should have included a full range of professional statistical work such as (a) sampling, (b) collecting, computing, and analyzing statistical data, and c) applying statistical techniques such as measurement of central tendency, dispersion, skewness, sampling error, simple and multiple correlation, analysis of variance, and tests of significance. Do you meet the basic requirements outlined above?

- A. Yes
- B. No

2. From the descriptions below, select the one which best describes your experience and meets the Minimum Qualification requirements for the Statistician, GS-1530-07.

A. 1 year of graduate-level education OR superior academic achievement OR 1 year of specialized experience equivalent to the GS-5. Examples of specialized experience qualifying for the GS-7 level include: conducting routine briefings on statistical information in a meeting setting; maintaining statistical spreadsheets; and organizing results from statistical surveys.

B. I do not meet any of the requirements described above.

Please indicate your knowledge, skills, and abilities in performing the tasks listed that best describe your level of experience. Darken the oval corresponding to the statement in Section 25 of the Qualifications and Availability Form C. Please select only one letter for each item. The work must be supported in your resume.

3. Choose the best option below to indicate your ability to communicate orally.

A. Candidate has experience making presentations at staff meetings or routine briefings on technical statistical issues.

B. Candidate has experience participating in meetings or discussions with others, e.g., supervisors, managers and/or agency officials, to obtain, clarify or give facts or information of a statistical nature.

C. Candidate has completed college courses that required an oral presentation.

D. None of the above.

4. Choose the best option to indicate your ability to communicate in writing.

A. Candidate has experience summarizing numerical and/or statistical analysis results for presentation to higher level authority in order to justify the results of a statistical study or survey.

B. Candidate has experience updating numerical and/or statistical reports of a routine nature.

C. Candidate has completed college courses that required written presentations.

D. None of the above

5. Choose the best option to indicate your skill in using spreadsheets to create and analyze data to produce reports.

A. Candidate has an excellent understanding of spreadsheets programs such as Lotus 123 or Excel, and can write efficient programs in the SAS language. Candidate can use a spreadsheet and SAS with no instructions as to how to accomplish the assigned programming task.

B. Candidate has a good understanding of a spreadsheets program and can write a program in the SAS language with some guidance and instruction. Needs only limited assistance in accomplishing statistical tasks with spreadsheet programs. Can organize results in a clear

presentation that makes it easy to understand the procedures followed and recognize the most relevant results.

C. Candidate has completed college course that required the use and/or production of spreadsheets for statistical analysis.

D. None of the above.

6. Choose the best option that indicates your knowledge of statistical concepts, principles and practices.

A. Candidate has experience with conducting studies that were clearly defined and part of major projects assigned to senior statisticians. Assignments involved the selection and application of standard statistical techniques, and the adjustment and adaptation of established statistical methods to the assigned problems.

B. Candidate has experience with developing details of a study according to established objectives and specifications. Assignments involved small studies that had specific objectives and involved recurrent and predictable factors.

C. Candidate has completed college courses that provided instruction in statistical concepts, principles and practices.

D. None of the above.

Section 25, 7 - 12 should be answered by candidates who want to be considered for the GS-9. Darken the oval corresponding to the statement in Section 25 of the Qualifications and Availability Form C. Please select only one letter for each item. Your qualifications must be supported in your resume.

7. In accordance with OPM's qualifications standards, the following basic requirements must be met in order to qualify for this position: Degree: that included 15 semester hours in statistics (or in mathematics and statistics, provided at least 6 semester hours were in statistics), and 9 additional semester hours in one or more of the following: physical or biological sciences, medicine, education, or engineering; or in the social sciences including demography, history, economics, social welfare, geography, international relations, social or cultural anthropology, health sociology, political science, public administration, psychology, etc. Credit toward meeting statistical course requirements should be given for courses in which 50 percent of the course content appears to be statistical methods, e.g., course that included studies in research methods in psychology or economics

such as tests and measurements or business cycles, or courses in methods of processing mass statistical data such as tabulating methods or electronic data processing. OR Combination of education and experience—courses as shown above, plus appropriate experience or additional education. The experience should have included a full range of professional statistical work such as (a) sampling, (b) collecting, computing, and analyzing statistical data, and c) applying statistical techniques such as measurement of central tendency, dispersion, skewness, sampling error, simple and multiple correlation, analysis of variance, and tests of significance. Do you meet the basic requirements outlined above?

- A. Yes
- B. No

8. From the descriptions below, select the one which best describes your experience and meets the Minimum Qualification requirements for the Statistician, GS-1530-09.

A. 2 years of progressively higher level graduate education leading to a master's degree or master's or equivalent graduate degree OR 1 year of specialized experience equivalent to the GS-7. Examples of specialized experience qualifying for the GS-9 level include: preparing statistical reports; preparing written documentation to justify the results of statistical surveys and studies, compiling numerical and/or statistical data, and creating spreadsheets for statistical analysis.

B. I do not meet any of the requirements described above.

Please indicate your knowledge, skills, and abilities in performing the tasks listed that best describe your level of experience. Darken the oval corresponding to the statement in Section 25 of the Qualifications and Availability Form C. Please select only one letter for each item. The work must be supported in your resume.

9. Choose the best option below to indicate your ability to communicate orally.

A. Candidate has experience serving as a lead of a statistical project/study/survey and has provided technical guidance regarding the aspects of completing a task or an assignment.

B. Candidate has experience making presentations at staff meetings or routine briefings on technical statistical issues.

C. Candidate has experience participating in meetings or discussions with others, e.g., supervisors, managers and/or agency officials, to

obtain, clarify or give facts or information of a statistical nature.

D. None of the above.

10. Choose the best option to indicate your ability to communicate in writing.

A. Candidate has experience preparing analytical reports of a statistical nature. Candidate has experience preparing written documentation to justify the results of a statistical study or survey. Documentation must include compilation of specialized numerical, and/or statistical data from various sources and documents.

B. Candidate has experience summarizing numerical and/or statistical analysis results for presentation to higher level authority in order to justify the results of a statistical study or survey.

C. Candidate has experience updating numerical and/or statistical reports of a routine nature.

D. None of the above

11. Choose the best option to indicate your skill in using spreadsheets to create and analyze data to produce reports.

A. Candidate has experience creating/designing databases/programs for use in statistical analysis.

B. Candidate has an excellent understanding of spreadsheets programs such as Lotus 123 or Excel, and can write efficient programs in the SAS language. Candidate can use a spreadsheet and SAS with no instructions as to how to accomplish the assigned programming task.

C. Candidate has a good understanding of a spreadsheets program and can write a program in the SAS language with some guidance and instruction. Needs only limited assistance in accomplishing statistical tasks with spreadsheet programs. Can organize results in a clear presentation that makes it easy to understand the procedures followed and recognize the most relevant results.

D. None of the above.

12. Choose the best option that indicates your knowledge of statistical concepts, principles and practices.

A. Candidate has experience with statistical techniques in a scientific area such as performing analysis in conjunction with more experienced personnel. Developed details of a study with specific objects and involved recurrent and predictable factors.

B. Candidate has experience with conducting studies that were clearly defined and part of major projects assigned to senior statisticians. Assignments involved the selection and application of standard statistical techniques, and the adjustment and adaptation of established statistical methods to the assigned problems.

C. Candidate has experience with developing details of a study according to established objectives and specifications. Assignments involved small studies that had specific objectives and involved recurrent and predictable factors.

D. None of the above.