

Epidemiologist Job Description

- Designing and implementing analytical reviews and updates on data validations.
- Conducting descriptive and complex analyses using statistical programs such as SAS, R, and Python.
- Creating reports and data visualizations in various programs (e.g., R, SAS, Excel, Tableau).
- Conducting preliminary analysis of data and producing reports on data quality and collection issues.
- Analyzing data to finalize manuscripts and reports for publication.
- Designing, planning, and initiating epidemiologic studies, surveys, and investigations.
- Participating in study design processes including literature reviews and data summaries.
- Conducting quality control for surveillance systems and ensuring data integrity.
- Providing technical expertise on data systems and datasets (e.g., SQL, REDCap, SAS, R, Python).
- Identifying issues within data systems or datasets and recommending/implementing solutions.
- Developing and maintaining standard operating procedures (SOPs) for data processing, management, and analysis.
- Importing and exporting data across different file formats and ensuring compliance with confidentiality policies.
- Managing project timelines and activities related to data analysis and epidemiologic studies.
- Documenting issues and solutions in logs and maintaining data dictionaries.
- Ensuring activities comply with CDC confidentiality policies and procedures.

Qualifications

- Advanced degree (master's or higher) in public health, biostatistics, epidemiology, or related field
- Experience designing and implementing performing analytical reviews, and updates on data validations utilizing REDCap and SAS programs.
- Excellent communications skills and experience communicating with diverse subject matter experts
- Proficiency in scientific writing, including the preparation of reports geared toward a public health and clinical audience