
Statistician

Primary Purpose

Conducts assigned data activities associated with performance measurements in ongoing quality improvement activities, providing statistical analysis and report production of data received from all sources in all task areas. Works closely with quality improvement staff to support project efforts, makes recommendations on how to make data useful and actionable. Serves as a data resource for staff and the customers we provide services to.

Responsible To	Employment Status/Class	Security Risk	Equipment Used	Maximum Lifting Capability
CEO	Exempt Professional – Level A	High	Computer, copier, fax, and other office equipment	50 – 70 lbs

Requirements

Education

Bachelor of Science degree in Information/Data Management/Computer Science/related field. Will consider degree in Management or Business with minimum of one year of data analytics experience, and/or specialization in statistics, information/data management, or closely related area.

Experience

Professional or technical experience in computer systems analysis, design, or statistical reports. A minimum of one year of technical and statistical programming experience and/or network management and computer troubleshooting experience in health care or a related environment. Expertise and proficient knowledge of at least one technical or statistical software package (preferably SAS). Proficient with Microsoft Power BI, Office, Teams, and Excel.

Responsibility

Demonstrates a high degree of accountability for clinical and analytical duties. Provides statistical/analytical leadership. Responsible for the scientific and methodological integrity of data collection, data analysis, standard reports, presentations, and data used in contract proposals. Serve as subject matter expert to GPQIN working closely with the Management Team, QI Advisors, Communications team members, and subcontract staff. i Also demonstrates high degree of accountability and sound organizational skills to integrate and coordinate all technology functions. Exhibits exceptional attention to customer needs and expectations.

Judgment

Exercises clear and decisive judgment in appraising situations, prioritizing work and making decisions. Maintains high degree of confidentiality in all communications. Ensures technical/statistical soundness in evaluation of quantitative results/products. Excellent critical thinking and problem-solving skills.

Human Relations

Effective interpersonal skills to interact with individuals and groups in various settings; expresses self clearly and concisely in all communications. Exhibits diplomacy and tact in dealing with internal staff/peers and external customers to promote positive attitudes and teamwork, to motivate staff and to establish professional work relationships.

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Performance

Highly self-directed, but functions well in team setting. Flexible in work performance to accommodate demands and changes. Exceptional prioritization and organizational skills, providing technical/statistical support for design, development, and implementation of data output. Some travel may be necessary to attend occasional meetings.

Duties

1. Performs data analysis to help the organization meet its outcome goals.
2. Assists with statewide pattern analysis to identify areas showing greatest opportunities for improvement with focus measures identified from high volume, high risk, and high variation areas in the state.
3. Assists with overall statewide variation analysis, using summary statistics (i.e., means, medians, percentiles, standard deviations). Applies statistical process control techniques to assess presence of special cause variation by organization types, geographic regions, or selected organizations.
4. Assists with pattern analysis, comparing various organizational characteristics (e.g., large/small, private/public, urban/rural) to identify factors that may be related to statewide performance variation.
5. Benchmark performance locally with trends seen in other states/regions.
6. Provides support to the team to gather data needed for contract deliverables.
7. Assists with trend analysis related to statewide data quality problems and statewide improvements in focus measure areas, comparing current and historic data and participants to non-participants in each setting.
8. Assists in the development of report packages on a regular/periodic basis to share with providers, and to be used by staff for designing intervention strategies.
9. Supports staff implementing intervention plan(s) and provides ad-hoc reports, if requested.
10. Acts as a resource and collaborator in data interface activities to integrate programs, knowledge, and expertise to enhance organizational efficiencies.
11. Builds knowledge of the Centers for Medicare & Medicaid Services (CMS) Central Data Repository (CDR), and serves as a resource to staff seeking data.
12. Utilizes statistical software, such as SAS Viya, to access available data, and create necessary summaries and graphics.
13. Attends data training and meetings offered by CMS, representing the organization and bringing back discoveries to the team.
14. Conducts/attends/participates in appropriate training sessions/continuing education and staff meetings.
15. Supports the team with CMS site visits or evaluations by providing the necessary data/resources for GPQIN to be successful.
16. Attends/participates in strategic improvement and continuous quality improvement activities as requested.
17. Performs other related duties as directed.

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This position description does not in any way construe, imply or constitute a contract for employment and it should be understood that employment is based strictly upon an "at will" relationship that may be terminated by either party at any time, with proper notice, as provided in the Great Plains QIN Personnel Manual.

Employee Signature _____ Date _____