Survey Statistician

- UK
- Anywhere

Quality Health Limited
Health and social care research

Survey statistician – temporary part-time project role

Quality Health is a specialist health and social care survey organisation, working for public, private and not-for-profit sectors, in the UK and overseas.

Since 2010 we have delivered the National Cancer Patient Experience Survey (NCPES) for the Department of Health/NHS England. NCPES is a high profile NHS survey – and the world’s largest survey of cancer patients, with a sample of around 110,000 patients every year.

Results are produced at national level, and at local level for every relevant NHS Trust and Clinical Commissioning Group. The latest set of results, relevant reports and technical documentation are available at www.ncpes.co.uk. Since 2016, the results have been published at Official Statistics.

Our requirement

We require a temporary, part-time survey statistician to conduct the statistical analysis of this year’s survey results (the current fieldwork period closes in March/April, with the publication date for results set for July/August).

Key elements of the analysis will include:

- Case mix adjustment of results at local level to reflect gender, age, ethnicity, deprivation and cancer type (using a model already agreed with NHS England)
- Significance testing of results at national level, and at local level to enable comparisons between different Trusts and CCGs (using pre-agreed techniques)
- Application of a set of ‘expected range’ calculations (as set out in the published technical documentation)
- Development and agreement with NHS England of significance testing methodologies for comparing national and local level results over time.

Previous analysis has been undertaken using the statistical analysis software, STATA.

The role will also involve:

- Liaison with NHS England’s analytical team (including telephone calls and face-to-face meetings in London and/or Leeds), and with their statistical advisers
- Liaison with Quality Health’s Reporting Team over our production of national and local reports (including telephone calls and face-to-face meetings in London and/or Chesterfield)
- Production of formal written documentation to support all of the above analysis.

Person specification

We are interested in potential candidates with the following credentials:

- a formal qualification in statistics and/or medical statistics (at Master’s level or above), with a background in quantitative disciplines – ESSENTIAL
- experience/knowledge of advanced survey analysis methods, including organisational comparisons through multi-level models – ESSENTIAL
excellence in computational aspects/data management in statistical software environments – ESSENTIAL
experience of case mix adjustment techniques, ideally in health care environments – DESIRABLE
understanding/experience of health care in general, and cancer in particular – DESIRABLE.

We expect that this project would suit an individual – or team – of suitable qualified academic researchers; or a self-employed consultant statistician.

**Contract status**

This is a time-limited role, to be undertaken part-time between February/March 2017 and July/August 2017 (timescales still to be finally agreed); with an expectation of the work being repeated to a similar timescale in 2018.

A total requirement in 2017 of between 20 to 30 days is expected over this timescale, mostly concentrated around April, May and June.

The work could be undertaken in Quality Health’s offices in Chesterfield, or from the candidate’s own home or office location.

We would expect to agree either a fixed fee, or a day rate, to cover this work, with payment linked to the delivery of agreed milestones and successful Quality Assurance of outputs by Quality Health and NHS England.

**Further details**

In the first instance, any queries should be addressed to Daniel Ratchford, Quality Health’s Chief Executive: daniel.ratchford@quality-health.co.uk.