

# Q-STEP SUMMER INTERNSHIPS 2021

## HMPPS - Analysis of Distance Travelled whilst on the HMPPS CFO3 Programme

### Organisation and Team

Her Majesty's Prison and Probation Service  
(HMPPS) Co-Financing Organisation (CFO):  
Research and Statistics Team

Unit 1100, 1st Floor, Daresbury Park, Warrington,  
Cheshire. WA4 4HS

### Selection Method

Written CV & cover letter followed by an  
interview

### Application Criteria

#### Essential:

- Understanding of offender behaviours and the criminal justice system with a desire to learn more about offender behaviour using real data;
- dataset manipulation skills;
- data analysis skills and experience with quantitative data;
- basic knowledge of statistics;
- knowledge of Microsoft Office – Excel and Word;
- excellent oral and written English.

All data is logged on a project specific SQL database – data extraction will be undertaken by other members of the team.

#### Desirable:

- Applied use of SPSS.
- Use of PowerPoint.
- Statistical analysis used: Chi squared, odds ratios.

### Project Outline

Her Majesty's Prison and Probation Service (HMPPS) incorporates a Co-financing Organisation (CFO), set up to deliver services to offenders in custody and community across England, using European funding.

During an initial assessment, offenders are asked three questions about their opinion about how confident they are to not reoffend, get employment and change. These questions are periodically asked again whilst the participant is on the programme. The Q-Step project will be to use this data, as well as other data (like location, gender, age, time on the programme) to analyse the distance travelled for different groups and compare and contrast the different levels of distance travelled

### Key Words

Offenders; prisoners; prison; custody; probation; re-offending; social inclusion; criminal justice; criminals; criminology; recidivism; Survey.

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### Practical Considerations

Work carried out in-person at the HMPPS CFO office in Daresbury Park, Warrington. The project will last 8 weeks. Office open hours are between 07:00 and 18:00 Monday to Friday. Start and finish times will be negotiated. Public transport routes to Daresbury Park are sparse, driving to the office (free parking available) would be easier for the student.

All resources will be provided.

### Support and Training

The student will be mentored by the unit's Research and Statistic lead, evaluation manager as well as supported by policy and performance/delivery colleagues. The student will experience first-hand how provision is delivered, with visits to HM prisons and probation areas to gain an understanding of the criminal justice system. The student will be working within a team with many years' experience of working with offenders with multiple barriers.

The student will be exposed to large datasets and helped with data analysis, utilising any existing Excel and SPSS skills (primarily explanatory statistics, Chi-Squared and odds ratios) and developing communication skills – both verbal briefings with PowerPoint and written dissemination of Word document.

### Issues of Data Confidentiality / IPR

The outputs and any IP generated by the student will remain the property of HMPPS CFO. All data will be non-identifiable and supplied by the CFO research team. Security vetting (SC) will be conducted before the placement starts – the internship cannot take place until the vetting is complete.

### Supporting Information

Reports may be published on the HMPPS CFO website. Ongoing updates will occur within the unit.