# Manchester City Council – Adverse Childhood Experiences (ACEs) and Trauma Responsive Programme

Hana AlWakeel | BA (Hons) Politics, Philosophy and Economics

## Overview of the Data Fellowship

**Manchester's ACEs programme aims to create an ACE-aware, trauma-informed and trauma responsive city through delivering sector-specific trauma-informed trainings to frontline practitioners across the city.**

Over the 9-week fellowship, my tasks ranged from conducting interviews with the Youth Justice and Housing sectors, developing a project-wide Logic Model and an Outcomes Framework, designing feedback surveys and carrying out two in-depth analytical reports on the impact of the training delivered on practitioners, the workforce and the community.

## Data Analysis

The first report analysed the effectiveness of sector-specific trainings conducted across Manchester using the number of attendees, sectors covered and areas receiving the training as metrics. The analysis utilized data between 2020-2023 from a Training Tracker dataset. After cleaning and wrangling the data using Excel, I created a PivotTable to identify the training sessions delivered by their location in Greater Manchester. To draw more nuanced conclusions, I compared the results against a map of social deprivation levels in Greater Manchester, using the proportion of children (aged 0-19) living in absolute low-income families*as an indicator.
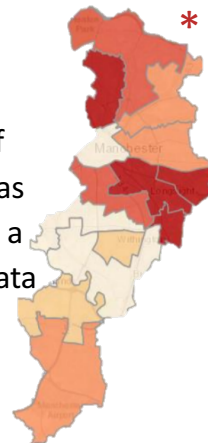


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|---|---|
| 3.8 - 17.3 | 20.3 - 22.6 | 27.2 - 35.1 |
| 17.4 - 20.2 | 22.7 - 27.1 | |
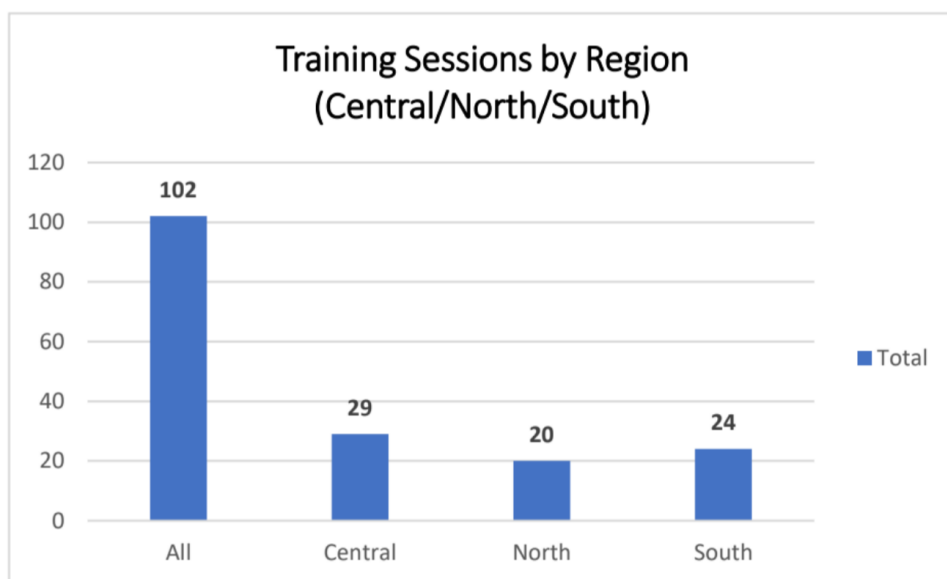


*F1. Training sessions delivered by region across Manchester (Central/North/South)*

## Findings

- The majority of training sessions (58.3%) were delivered to frontline practitioners city-wide. The rest of the sessions were approximately evenly widespread across the city.

- Indicators of social deprivation demonstrate the levels of deprivation being highest in the Northern and Central areas of the city.

- Therefore, while the training sessions are not confined to a particular area, the data implies a need for more targeted interventions—training sessions and resources—in the most deprived Northern and Central regions.

## Key Skills Learnt

*Critical Analysis*
- Identifying patterns across different data sets and how each contributes to the wider picture
- Engaging in a process of continuous inquiry to understand why certain trends/ conclusions occur (e.g., looking at the training location in relation to social deprivation in those areas)

*Open-mindedness*
- Reflecting on the project and its tasks and identifying room for improvement
- Being open to finding alternatives and adapting to the evolving project strategy

*Data Management*
- Greater understanding of the 'language of Excel' and translating what I need into functions
- Creating dynamic dashboards of large data sets to allow for interactivity

*Adaptive Communication*
- Presenting the same data in different ways depending on the target audience (e.g., Logic Model visualisations vs report diagram)
- Understanding the message and purpose behind the work and using this info to inform the presentation style and language

**OUR STRATEGY**
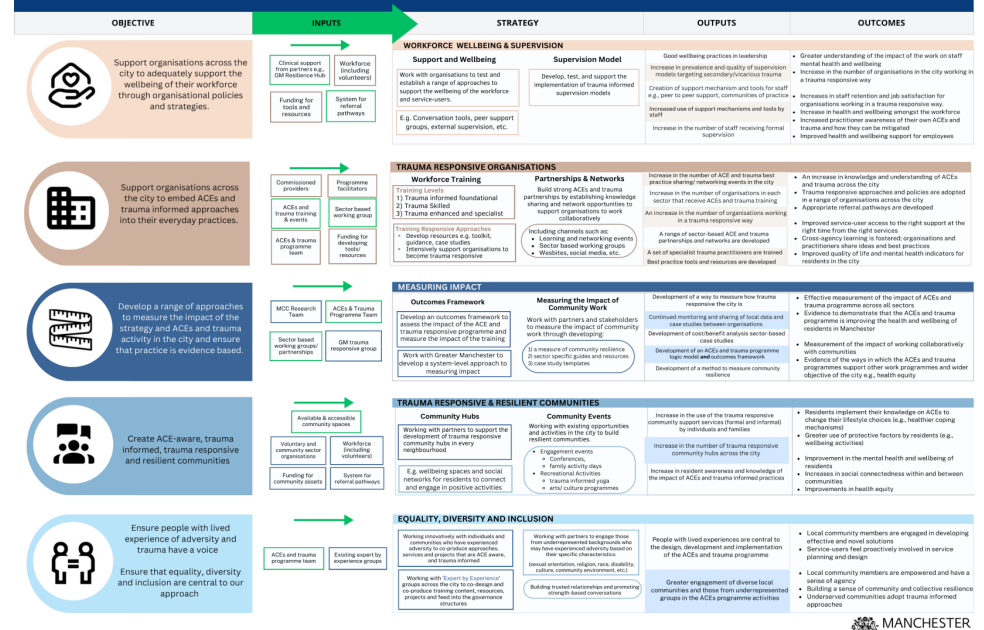




*F2. A comprehensive Logic Model, capturing the project's strategy and synthesising data about the different trauma-informed activities across the city.*