

Towards Equitable Health Outcomes: Developing a Commissioning Approach for Emergency Ambulance Services through the Lens of Social Determinants of Health

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Context and Approach:

The project aims to explore how ambulance 999 demand is impacted by deprivation, demographics or other social determinants of health and generate a commissioning approach that responds to this.

- **Data Integration and Analysis:** Leverage ambulance incident demand data, the Welsh Index of Multiple Deprivation, and demographic information to identify patterns in ambulance service use across different population groups.
- **Strategic Commissioning Framework:** Develop a commissioning framework that prioritizes population health needs, incorporating a deep understanding of the social determinants impacting health outcomes.
- **Pilot Initiatives:** Identify and launch pilot projects aimed at addressing specific needs highlighted by the data analysis, with a focus on reducing health inequalities and improving service efficiency.

Progress to date:

Research: Research question: Is ambulance 999 demand impacted by deprivation, demographics or other social determinants of health? <ul style="list-style-type: none">• Linked Ambulance demand data with Welsh Deprivation and Demographic indexes.• Built powerBI dashboard to support analysis.	Leadership: Agreement for strategic review of ambulance services included within commissioning plan for 2025/26.	Education/teaching : Shared approach with wider commissioning teams as a concept for other commissioned services.
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Future activity:

- Complete literature review.
- Finalise data analysis and produce findings.

Reflections:

- Finding time to undertake innovate work on top of the day demands is a challenge.
- National focus on shift to prevention has helped in prioritisation.