



# PIONEER

## Health Data Research Hub

**NIHR** | Midlands Patient Safety  
Research Collaboration

## An NIHR Midlands PSRC Dataset Of SDEC Acute Medical Services For Older Patients

Data range for infographic: 01.01.2023-31.12.2023

Other extended time periods are available on request

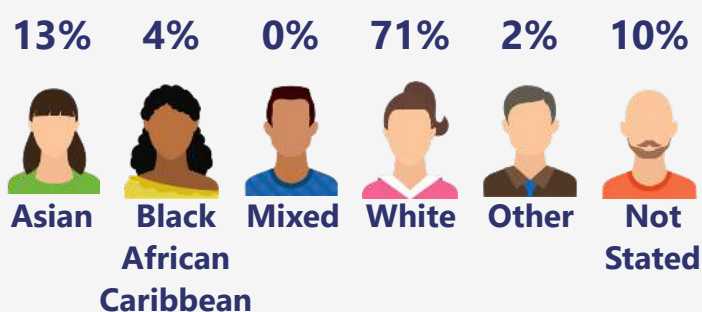
A NIHR PSRC detailed dataset of 4,617 Same day emergency care (SDEC) spells for patients aged 65+, focused on pathway and outcomes. Including comorbidities, symptoms, serial physiology, investigations, treatments, and outcomes, assessing older adult care.

### Demographic

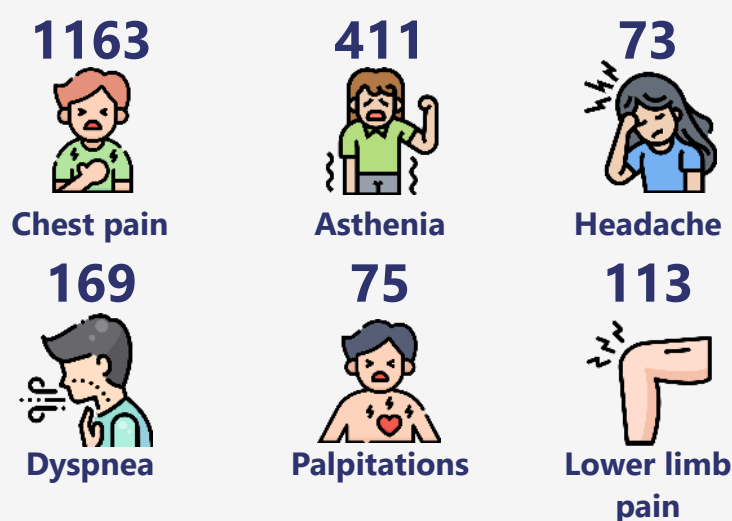
The dataset includes patients aged 65+:

- **50%** aged 65-75
- **36%** aged 76-85
- **13%** aged 86-95
- **1%** aged 95+

Based on the index of multiple deprivation map, **42%** of the population are from most deprived areas and **5%** of patients are from least deprived areas.



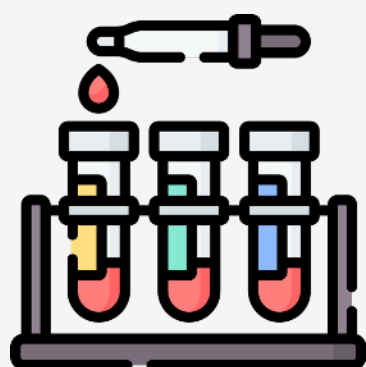
### Presenting complaint



### Same day emergency care

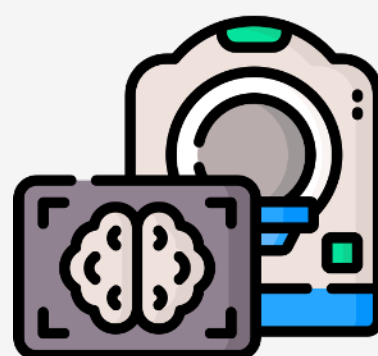
**2,764** admissions to Same Day Emergency Care (SDEC) is via Accidents and emergencies department.

**1,853** admissions to SDEC is by elective inpatient admissions.



### Blood tests

- **43%** of patients had standard blood tests in SDEC (E.g. Full blood count)
- **43%** of patients had non-standard blood tests in SDEC (E.g. immunological tests)



### Medical imaging

- **34%** of patients had medical imaging in SDEC
- **16%** of patients had medical imaging in the Emergency Department

### Inpatient care

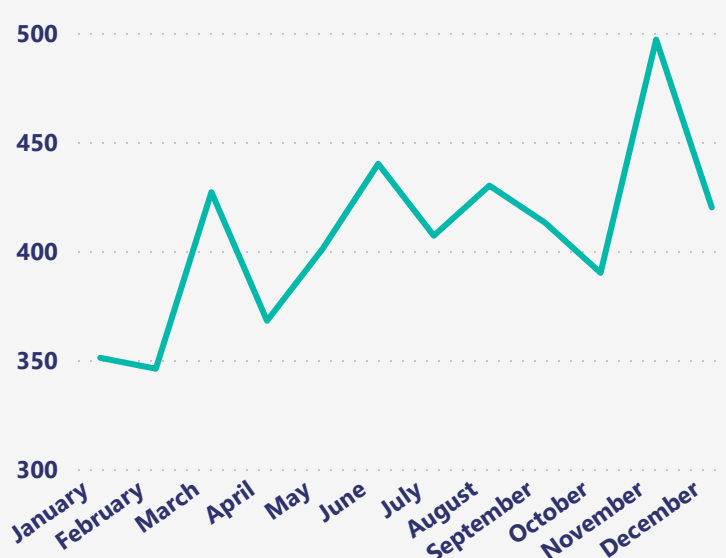
- **4,617 Hospitalised spells;** containing **3,792** unique patients admitted to SDEC
- **7K** days worth of hospital data with an average in-hospital length of stay of 1.6 days
- Average time to be admitted to SDEC is 4.6 hours and to be treated in SDEC is 5.1 hours

### Post SDEC

**79%** of hospitalised spells discharged after attending same day emergency care. **21%** of hospitalised spells are admitted into hospital and stay on average 5 days before getting discharge.



### SDEC admission trend



Other associated data available upon request

Contact us at:  
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