



PIONEER

Health Data Research Hub

NIHR | Midlands Patient Safety
Research Collaboration

NIHR PSRC Dataset for Older Medical Same Day Emergency Care Patients

Data range for infographic: 01.02.2024-31.01.2025

Other extended time periods are available on request

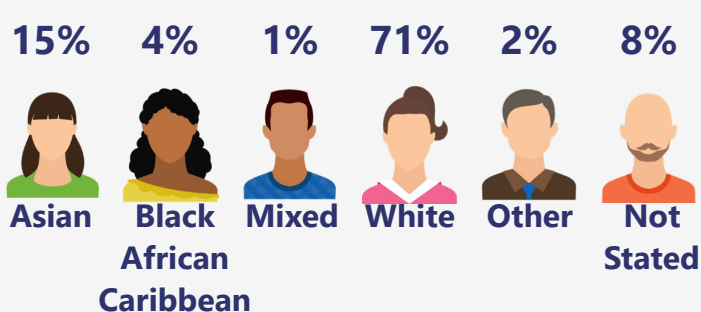
NIHR PSRC dataset of 5,081 aged 65+ (2024-2025), with demographics, symptoms, vital signs, tests, treatments, ward activity, discharge outcomes, readmissions and mortality to support analysis of Medical Same Day Emergency Care pathways.

Demographic

The dataset includes:

- 45% aged 65-74
- 38% aged 75-84
- 17% aged 85+

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.



287

Spells



Return to SDEC
within 7 days

503

Spells



Return to SDEC
within 30 days

Same Day Emergency Care

- The average time to get admitted to Same Day Emergency Care (SDEC) is **6.85** hours with a median of **1** hours
- The average time for assessment in SDEC is **6.05** hours with a median of **5** hours
- **28%** of SDEC attendances are admitted as an inpatient

Top 3 SDEC Admitting diagnosis

1259



Suspected Deep
Vein Thrombosis

1048



Chest Pain

749



Shortness Of
Breath

Diagnosis

- **79K** Clinically coded final diagnoses
- **11K** Inpatient admitting diagnoses
- **3K** A&E presenting diagnoses

Other diagnosis details are available

42K



Prescriptions
administered in hospital

Prescriptions

- **56K** prescriptions recorded
- **21K** to take out (TTO) prescriptions with an average of **3** TTO's per spell

Other prescription details are available.

Inpatient care

- **5,974 Hospitalised spells;** containing **5,081** unique patients admitted to SDEC
- **18K** days worth of hospital data with an average in-hospital length of stay of 2 days
- In-hospital mortality rate of 1% and 98.8% of patients surviving 30 days after discharge
- The median National Early Warning Score is 1 and the median Waterlow Score is 12

SDEC referrals to speciality services

202



Cardiology

25



Neurology

28



Diabetes team

23



Rheumatology

25



Dermatology

21



Gastro-
enterology

Other referrals are available.

Readmission

Attendance within 30 days of discharge:

- **2.1K** Outpatient
- **1.1K** Inpatient
- **752** Emergency department
- **503** SDEC
- **326** Acute medical unit



Other readmissions are available.

Other associated data available upon request

Contact us at:
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