



PIONEER

Health Data Research Hub

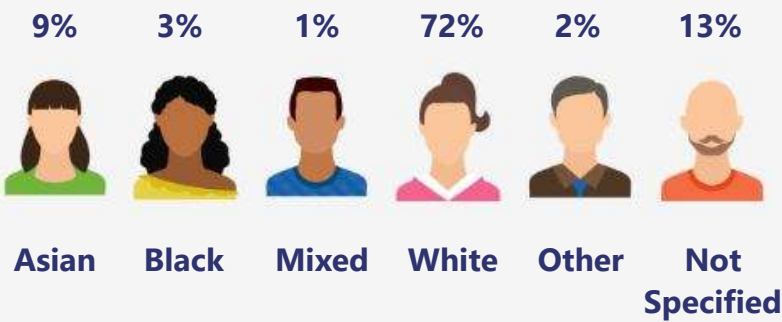
Synthetic Dataset of Hospital Admissions for an Acute Stroke

Data range of source data for infographic: 09/2002 - 03/2022
Other extended time periods are available on request

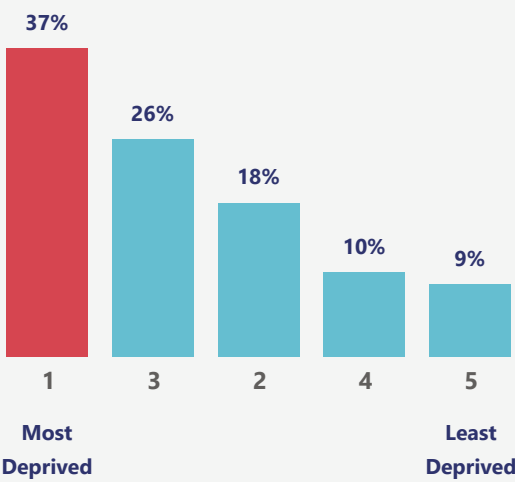
A synthetic dataset features patient-level information for 29K acute admissions associated with stroke, including demographics, socioeconomic status, presenting symptoms, time from onset, serial physiology, investigations, treatments and outcomes.

Demographic

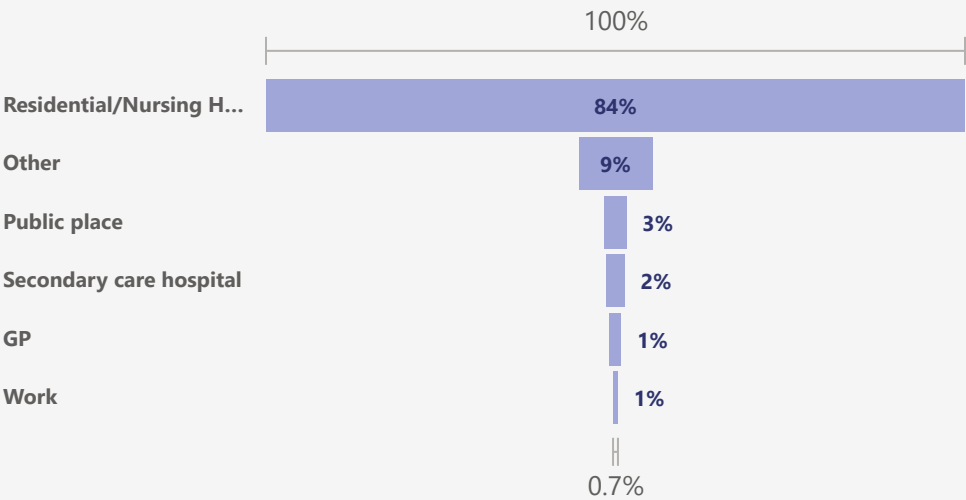
- The dataset includes:
- Young adults **7%** (ages <34)
 - Adults **39%** (ages 35-64)
 - Older adults **54%** (ages 65+)



Admissions by Deprivation Index



Admissions by Location



Admission by Discharge Location

Discharge Location	%Count of Spells
Residential/Nursing Home	62.66%
Secondary care hospital	18.01%
Ward	12.29%
Other	5.50%
Abulatory care service	1.44%
ICU/HDU	0.05%
Hospice	0.04%
Patient died	0.02%

Inpatient care

- **29,010** hospitalized spells recorded
- **187K** total hospital days captured
- **6 days** mean length of in-hospital stay
- **0.02%** hospital mortality rate

Real Data Available on Request

Contact us at:
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