



PIONEER

Health Data Research Hub

Synthetic Dataset of Hospital Admissions for Patients with Type 1 and 2 Diabetes

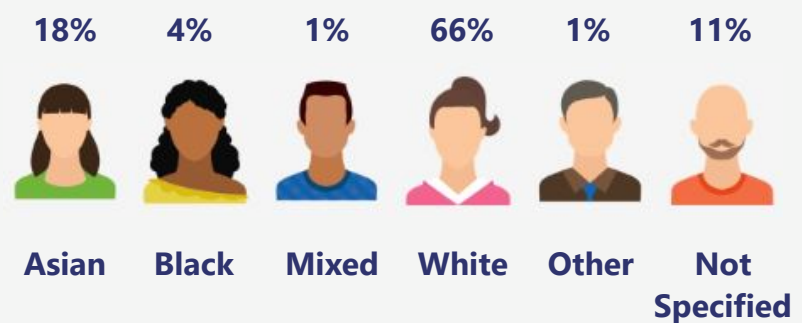
Data range of source data for infographic: 01/2004 - 06/2022
Other extended time periods are available on request

A synthetic dataset features patient-level information for 159,800 acute admissions associated with diabetes, including demography, socioeconomic data, co-morbidities, serial acuity and physiology, investigations, medications and outcomes.

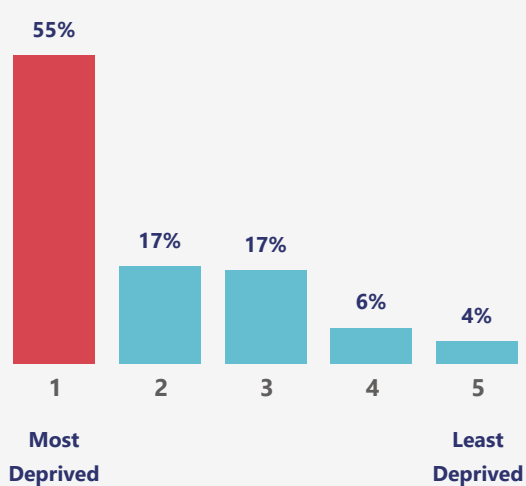
Demographic

The dataset includes:

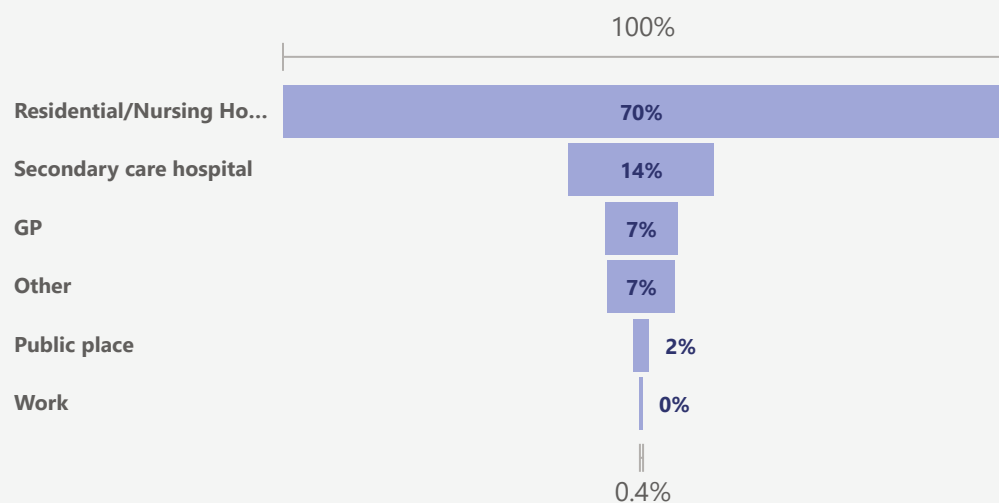
- Young adults **4%** (ages <34)
- Adults **38%** (ages 35-64)
- Older adults **58%** (ages 65+)



Admissions by Deprivation Index



Admissions by Location



Admission by Discharge Location

Discharge Location	%GT Count of Spells
Residential/Nursing Home	95.32%
Ward	2.26%
Other	1.15%
Secondary care hospital	0.85%
Abulatory care service	0.30%
Hospice	0.09%
Patient died	0.02%
ICU/HDU	0.01%

Inpatient care

- **159,800** hospitalized spells recorded
- **Over 1 million** total hospital days captured
- **Median in-hospital stay:** 2 days, with a mean of 6-7 days
- **Hospital mortality rate:** 0.02%

Real Data Available on Request

Contact us at:
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