



# PIONEER

## Health Data Research Hub

## Synthetic Dataset of Hospital Admissions for Patients of Intentional Drug Overdose

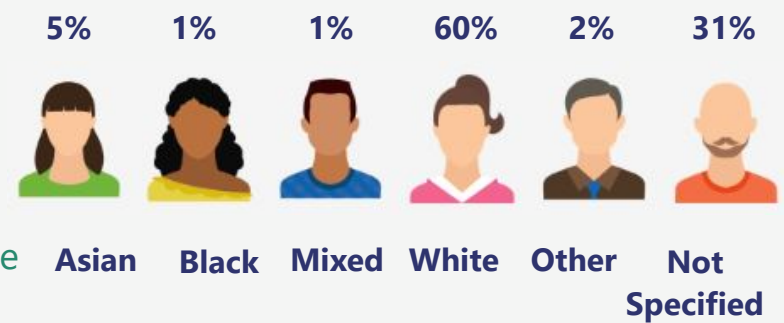
Data range of source data for infographic: 01/2016 - 12/2022  
Other extended time periods are available on request

A synthetic dataset for 16,276 acute admission patients treated with intentional drug overdose, including demographics, primary diagnosis, referral, medication, follow-ups and other clinical records during hospital admissions.

### Demographic

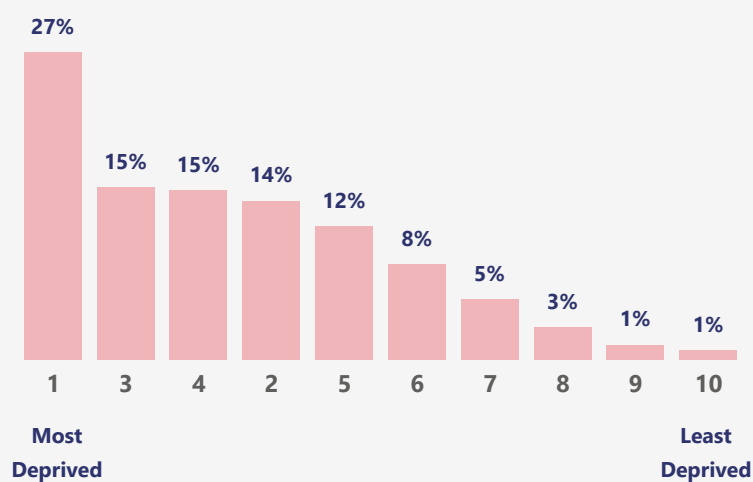
The dataset includes:

- Young adults **48%** (ages <34)
- Adults **47%** (ages 35-64)
- Older adults **4%** (ages 65+)

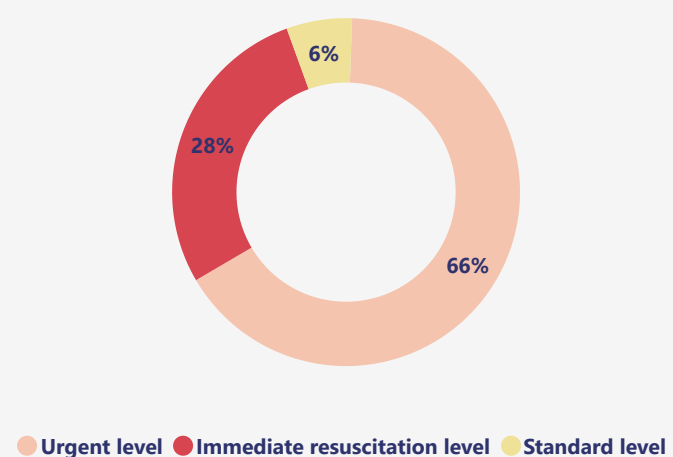


**60%** of intentional drug overdose patients are female and **40%** of patients are male.

### Admissions by Deprivation Index



### Admissions by Acuity



### Admission by Drugs

Diagnosis	%GT Count
nonopioid analgesics, antipyretics and antirheumatics	36.95%
antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs	30.51%
narcotics and psychodysleptics [hallucinogens]	16.36%
other and unspecified drugs, medicaments and biological substances	11.79%
other drugs acting on the autonomic nervous system	2.77%
other and unspecified chemicals and noxious substances	1.23%
organic solvents and halogenated hydrocarbons and their vapours	0.15%
other gases and vapours	0.14%
pesticides	0.09%

### Inpatient care

- **27,634** Hospitalized spells recorded
- **54%** of cases received Liaison Psychiatry referral during their current spell
- **20%** of cases had a prior Liaison Psychiatry referral before their current spell
- **166,934** total hospital days captured
- **4 days** median length of in-hospital stay
- **43%** of case received follow up within 30 days of discharge from the current spell