



PIONEER

Health Data Research Hub

DECOVID: Data derived from UCL and UHB during the COVID pandemic

Data range for infographic: 30.12.2019-28.02.2021

Other extended time periods are available on request

The DECOVID dataset of 165,414 patients admitted to two large NHS Trusts with suspected COVID-19, including demographics, serial physiology measurements, laboratory tests, co-morbidities, presenting symptoms, ITU admissions and outcomes.

Demographic

The dataset includes:

- Young adults **11%** (ages 18-24)
- Adults **62%** (ages 25-64)
- Older adults **27%** (ages 65+)

51% of the population are female and **49%** of the population are male

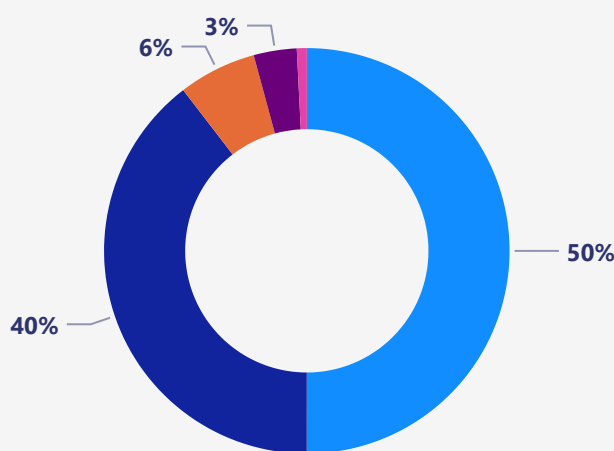
11% 6% 2% 56% 7% 18%



Asian Black African Caribbean Mixed White Other Not Stated

Place of Care

- A&E
- Inpatient
- ICU
- Theatre
- Other



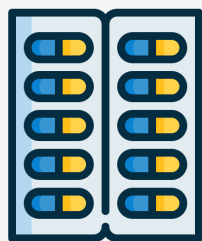
Conditions

Common Comorbidities:

- **73K** Essential (primary) hypertension
- **17K** Obesity, unspecified
- **17K** Type 2 diabetes mellitus

Other Condition details are available

15M

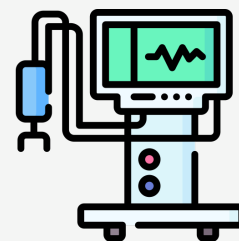


Medications

- **5M** Oxygen
- **547K** Glucose
- **98K** Dexamethasone

Other Medication details are available

2M



Ventilation Device

- **620K** Oxygen nasal cannula
- **371K** Endotracheal tube
- **185K** Tracheostomy tube

Other Ventilation details are available

Inpatient care

- **256,804** Hospitalised spells; containing **165,414** unique patients admitted to critical care
- **689K** days worth of hospital data with an average in-hospital length of stay of **2** days
- **7%** mortality rate and **25K** spells admitted to Intensive Care Unit

71M

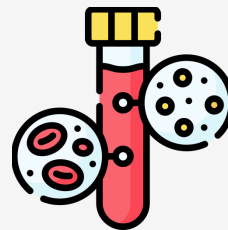


POC Measurement

- **4.9M** Oxygen saturation
- **4.9M** Heart Rate
- **4.6M** Respiratory Rate

Other measurement are available

25M



Laboratory Tests

- **5M** Full Blood Count
- **217K** COVID-19 PCR Test
- **96K** Oropharyngeal swab

Other specimen types are available

Other associated data available upon request

Contact us at:
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