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# **THREE POPULATION HEALTH USE CASES**

# Use Cases

There are currently over 50 use cases across the 10 ICSs ... for example

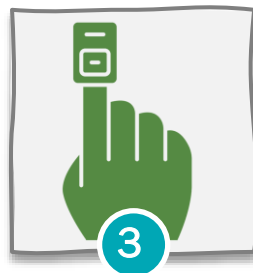
HYPERTENSION



ELECTIVE RECOVERY



PULSE OXIMETRY



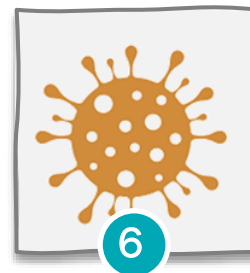
END OF LIFE



BP@HOME



ANTIVIRAL RX



COVID RESEARCH



MENTAL HEALTH REGISTER



VACCINE UPTAKE



OOH DEMAND



A&E INSIGHTS



COVID EARLY WARNING



NHS HEALTH CHECKS



SERVICE INDICATORS



FUEL POVERTY



HIGH INTENSITY USERS



50+ ... and plenty more ...



## Use Case: Hypertension

Reducing the risk of heart and attacks and strokes through early detection

### The challenge

**Regular blood pressure monitoring** of patients with hypertension helps provide early indicators for those with an increasing risk of stroke



### The solution

Using Pop Health Clinicians identified highest-risk individuals and ran **targeted interventions** to get bp readings taken or enrol patients in a remote monitoring programme



### Impact & Benefits

The practice leading the initiative went from the lowest performing on BP recording to third best in the region.

**Across the ICS patients with uncontrolled BP dropped by 5,673 (10.7%) in just 7 months between June 22 and Jan 23**

**10.7%**



## Use Case: Waiting List Cleansing

Improving the management of waiting lists with insights and data

### The challenge

Poor data quality and data visibility gets in the way of optimal waiting list management



### The solution

Pop Health shows the whole waiting list and provides insights to help cleanse it. It identifies:

- potential duplicate entries
- patients suitable for elective recovery coaching ... or who
  - no longer require treatment
  - did not attend (DNA)
  - can be moved to a different pathway
  - are deceased

### Impact & Benefits

**Patients on list:** 333,457

**Deceased:** 587 (2%)

**Multiple Entries:** 32,898 (10%)

**No contact for 12m:** 19,986 (6%)

**Patient Cancelled:** 48,493 (15%)

**Patient DNA:** 12,891 (4%)

**By validating which patients should still be on the waiting lists, trusts ensure they're working on the "right" waiting lists.**



# Use Case: Fuel Poverty

## Targeting interventions for citizens at high risk of COPD and Asthma from poor insulation

### The challenge

55,000 residents in Frimley ICS live in poorly insulated homes

0.9% (517) have COPD

4.4% (2,391) have Asthma

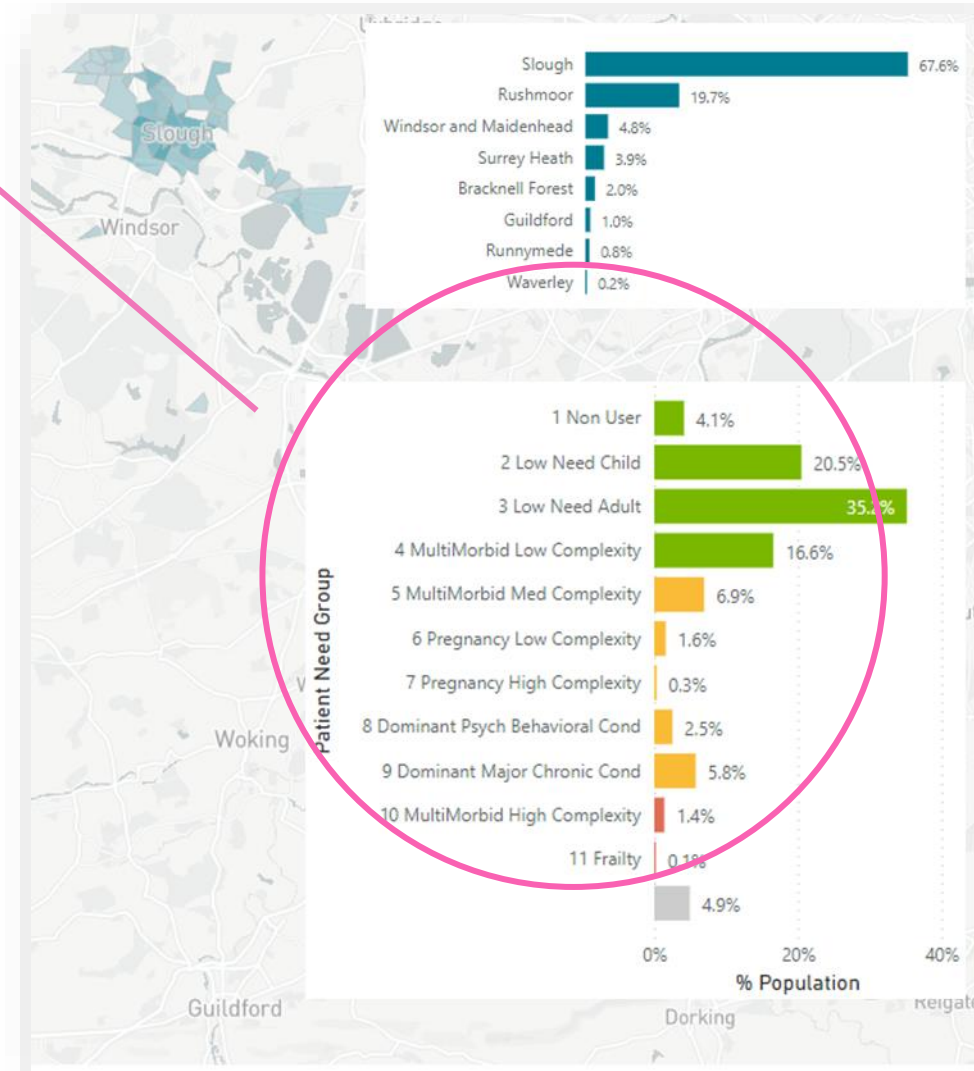


### The solution

Using Pop Health Clinicians identified highest-risk individuals for targeted intervention

1.5% are in the highest patient need health segments

17.2% are in moderate patient need health segments





**Thank You**  
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