



**System C &
Graphnet**

Care Alliance

digitalhealth

REWIRED
2023 —

40 years working with the NHS



1960



1980



2023

40 years working in health

EPR

30
trusts

SOCIAL CARE

96
councils

MATERNITY

45%
of pregnancies

**PHARMACY
& PRESCRIBING**

350
hospitals

**PHARMACY
& PRESCRIBING**

£5bn+
pa medications

NURSING

Over
1 billion
vital signs

VACCINATION

**National
FLU & COVID**

**SHARED CARE
RECORDS**

20m
citizens

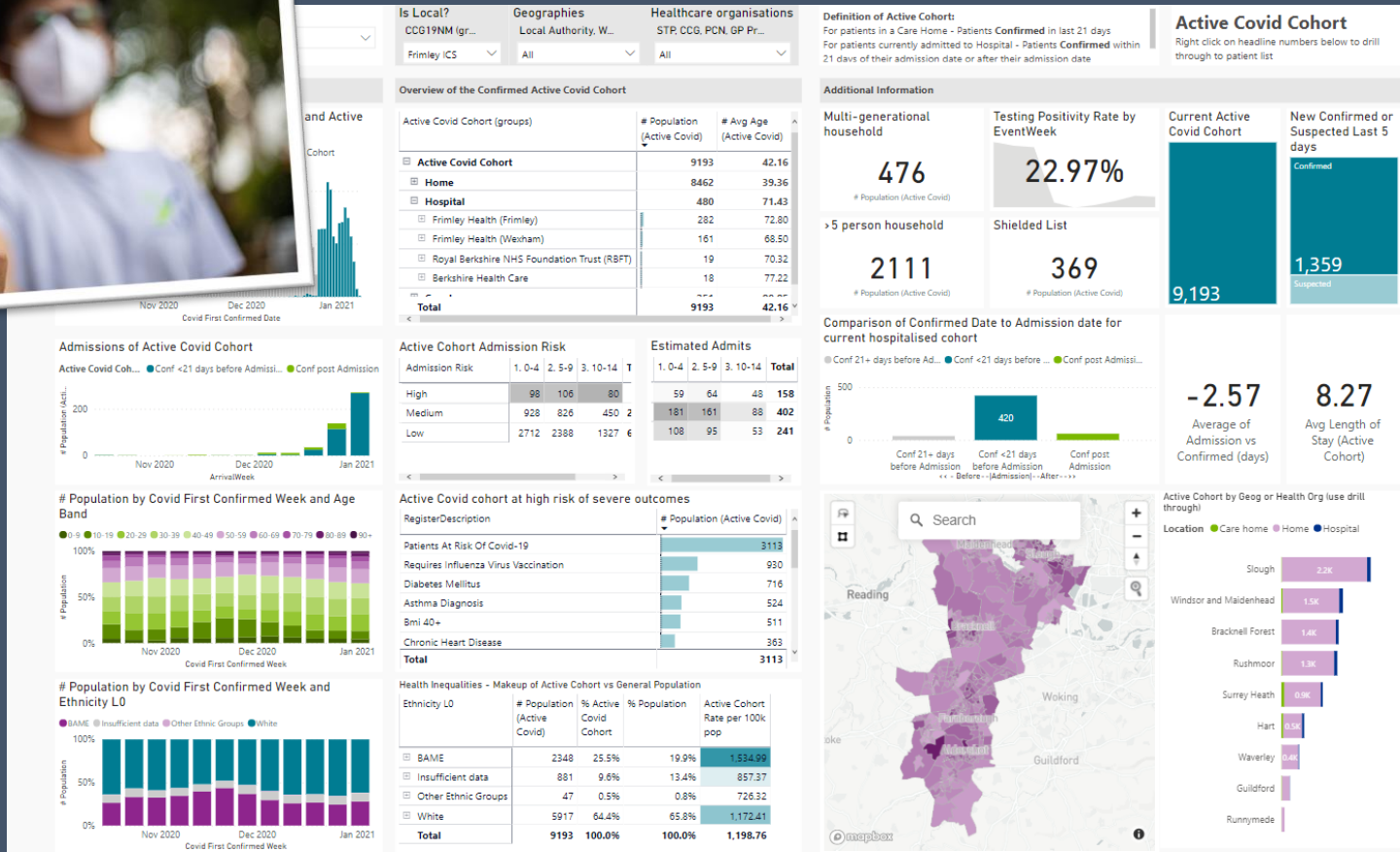
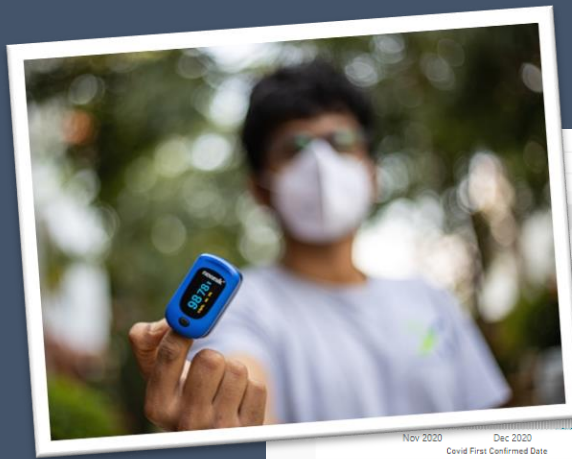
**POPULATION
HEALTH**

17m
citizens

SYSTEM USERS

400,000
users

pulse oximetry



an early adopter found:

- mortality improved from 30% to 11%**
- length of stay improved by 4 days**

84% of eligible patients are identified and enrolled compared to just 37% before the dashboard was available (shielded patients list)

mortality fell from 25% to 16% for people enrolled in the service and subsequently admitted.

remote patient monitoring

monthly admissions

33%

monthly A&E activity

32%

new eFI frailty deficits accrued

72%

monthly GP face to face consultations

55%



* data from comparison of 1,000 remotely monitored patients with conditions such as heart failure and diabetes against control group.

elective waiting list

a tool to cleanse waiting lists using data from all care settings in a care community

STATS FROM AN ICS

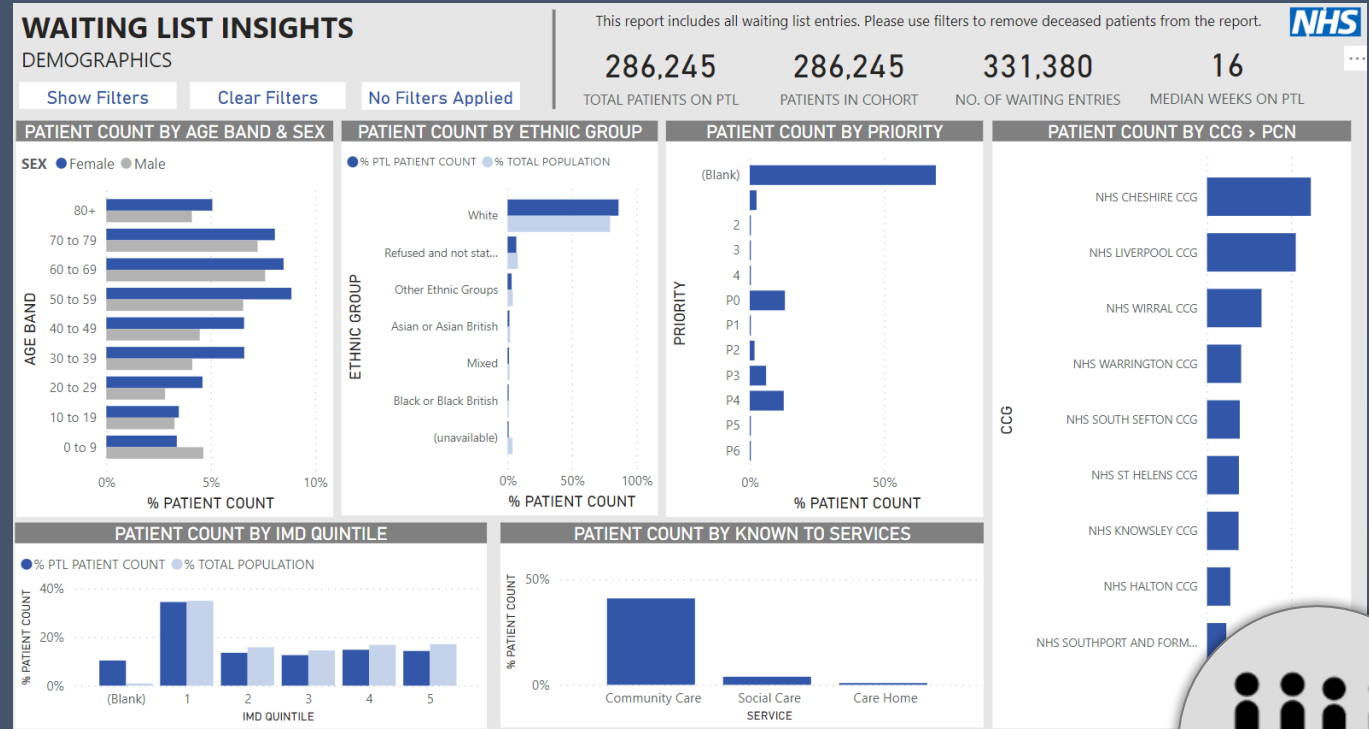
551
were
deceased

10%
had
multiple
records

6%
had no
recent
contact

15%
cancelled

4%
DNA



Streamlining perioperative pathways: 47% patients identified as low risk and suitable for streamlined pathway. Booking team patient review reduced from 15 to <2mins.

ADDRESS MISMATCH: 3% - 13% patients (dependent on EPR) have different addresses

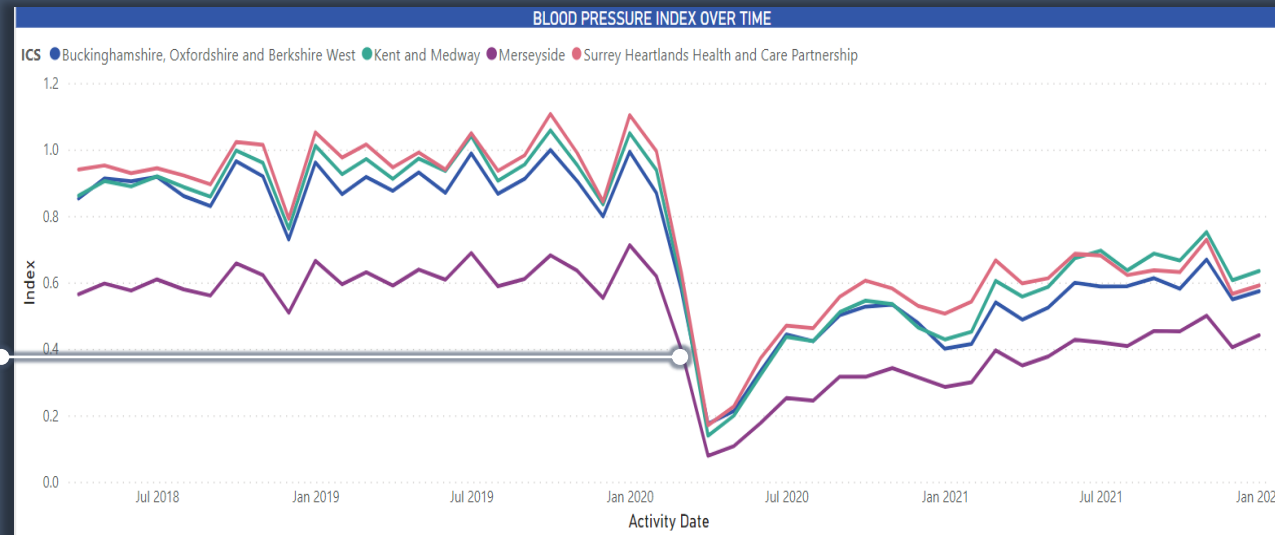


hypertension

C £4.5bn pa is spent on social care for people who have had a stroke.

1

Using tools developed under CIPHA, clinicians noticed recording of BP for hypertension patients fell sharply from 75% in March 2020 to 50% in December 2020.



2

They identified highest-risk individuals in this cohort and ran targeted interventions

3

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

4

Across one ICS patients with uncontrolled BP fell by 5,673 (10.7%) between June 22 and Jan 23

Data can be federated across 10 ICSs

benefits to remote monitoring in care homes

35%

decrease in hospital attendances

TIME

spent on phones to GPs and 111

PAPER WORK

TRANSFERS
to nursing homes

58%

unnecessary GP visits

CQC
ratings

SATISFACTION
patients and families



cipha

10
ICSSs

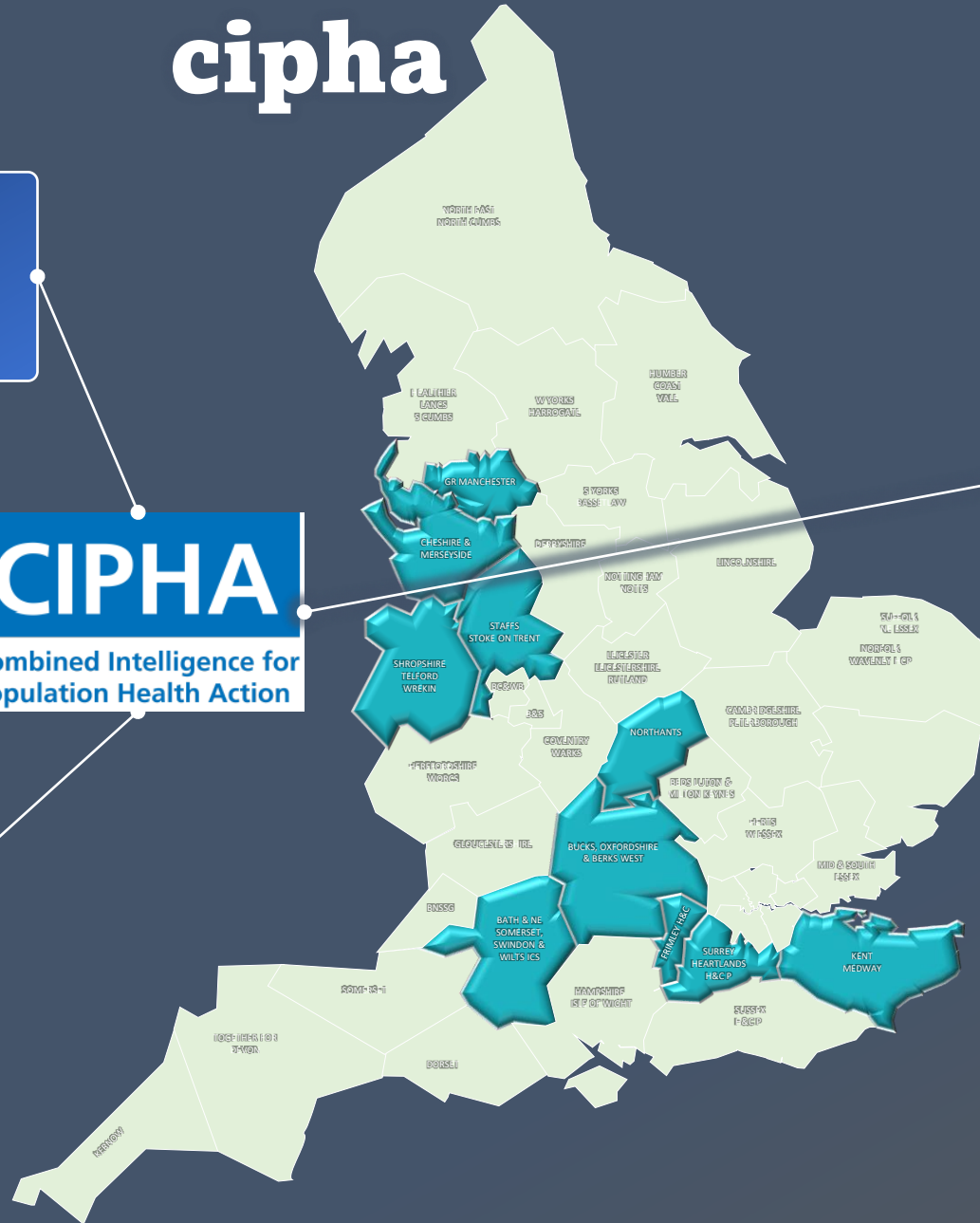


CIPHA
Combined Intelligence for
Population Health Action

9.6
terabytes



hundreds
health and social
care professionals
working together
on use cases



**DATA
GAINS
INSIGHTS**

**TAKE
ACTION *to*
TRANSFORM**

**MONITOR
in REAL TIME**

**DO
IT
NOW**



