

Central 1 PCN Profile

Prepared by Newham Public Health Intelligence Team

May 2023

Index

Slide	Contents
2	Index
3	Summary
4	Demographics: Age and gender
5	Life expectancy: Male
6	Life expectancy: Female
7	6 in 1 uptake for children aged 12 months
8	6 in 1 uptake for children aged 2
9	MMR primary uptake for children aged 2
10	MMR primary uptake for children aged 5
11	MMR booster uptake for children aged 5
12	Health Checks - uptake
13	Health checks – Q score and cholesterol
14	Health checks – Blood pressure
15	Health checks – LD 14-17 years
16	Health checks – LD 18+ years
17	CVD: Coronary heart disease
18	CVD: Stroke
19	CVD: Heart failure
20	CVD: Heart failure with review

Slide	Contents
21	Left ventricular septal defect: ACE/ARBs
22	CHD prevalence mapped
23	CHD prevalence change
24	CHD prevalence and change scatterplot
25	Cancer prevalence
26	Cancer emergency admissions
27	Cancer 2 week wait referrals
28	2ww: Detection and conversion notes
29	2ww: Conversion
30	2ww: Detection
31	2ww: Detection and conversion
32	Cervical screening
33	Bowel screening
34	COPD
35	COPD prevalence mapped
36	COPD prevalence change
37	COPD prevalence and change scatterplot
38	COPD: Review in the last 12 months
39	Mental health: Depression prevalence
40	Mental health: Long term MH problem

Slide	Contents
41	Chronic mental illness (CMI)
42	Serious mental illness (SMI)
43	Mental health: Comprehensive care plan
44	Obesity: Prevalence 18+
45	Diabetes prevalence
46	Diabetes prevalence mapped
47	Diabetes prevalence change
48	Diabetes prevalence change scatterplot
49	Diabetes: 8 recorded care processes
50	Diabetes: Ave. BMI at diagnosis
51	Diabetes: Ave. HbA1c at diagnosis
52	Hypertension: Prevalence
53	Living alone
54	Frailty
55	Frailty by ethnicity and age
56	Frailty detailed ethnicity
57	Multi-morbidity
59	Unemployment
60	Mortality: Premature deaths

- Female and male life expectancy in Central 1 (C1) PCN are **similar** to the Newham average.
 - On average, a male born in C1 PCN will live **0.2 years more** than the average male born in Newham.
- There is a **higher rate** (17 per 100k residents) of premature mortality in C1 PCN when compared to the Newham average.
- For C1 PCN, child immunisation uptake (at 1, 2, & 5 years) is **above** the Newham average.
- There is a **higher** prevalence of coronary heart disease in C1 compared to the Newham average (0.2 percentage points), whilst the percentage of C1 heart failure patients with a review is well **below** the Newham average (11.5 percentage points).
- For C1 PCN, the prevalence of cancer is **similar** to the Newham average, however the rate of emergency admissions (for cancer) is **above** the Newham average (15.8 per 100k).
- Cancer referrals (2 week wait) and the conversion of those wait referrals for C1 patients are **below** the Newham average.
- For C1 PCN, depression and long term mental illness prevalence is **below** the Newham average.
- For C1 PCN, obesity prevalence is **below** the Newham average, whilst diabetes prevalence is **above** the Newham average.
- BMI status and HbA1c levels for C1 patients diagnosed with diabetes are **similar** to or **above** the Newham average.

Key:

Worse than the Newham average

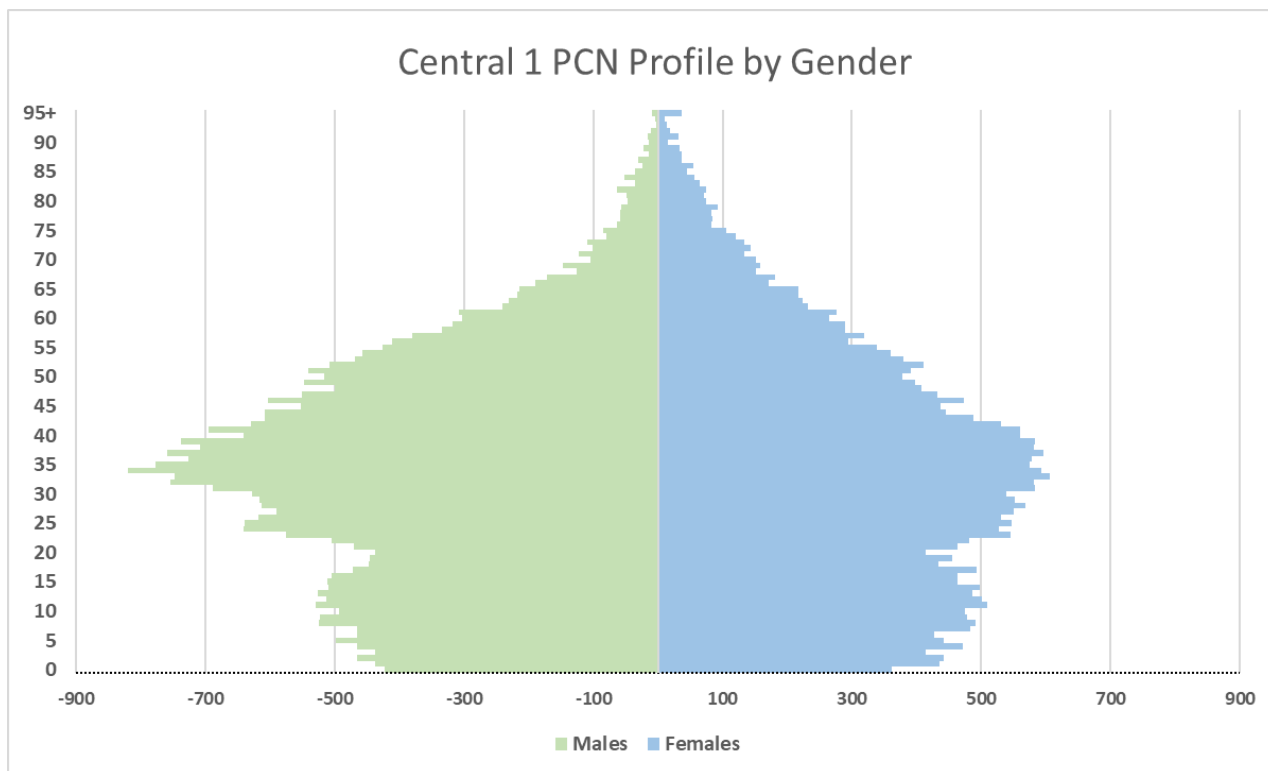
Similar to the Newham average

Better than the Newham average

WE ARE NEWHAM.

**People at the Heart
of Everything We Do**

Demographics: Age and gender



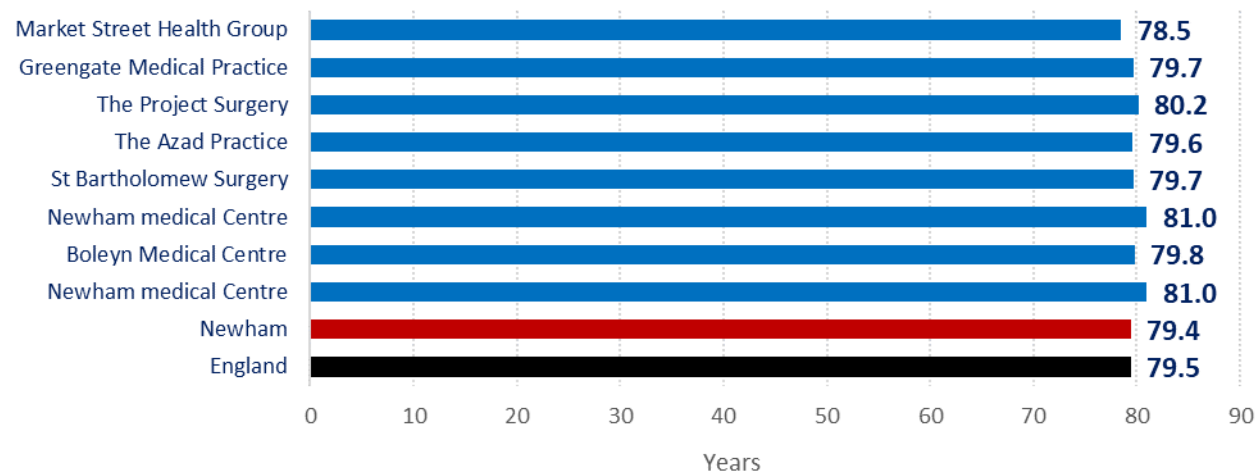
Age band	Central 1 PCN	Newham
0-9	13.3%	15.1%
10-19	14.2%	12.0%
20-29	15.8%	18.6%
30-39	19.2%	20.1%
40-49	15.5%	12.9%
50-59	11.4%	9.9%
60-69	6.2%	6.3%
70-79	2.9%	3.2%
80+	1.6%	1.9%

- There is a higher percentage of males (53%) in the Central 1 PCN.
- The highest proportion of the population are in 30-39 age group.
- Over 20% of the population are over the age of 50.

WE ARE NEWHAM.

Life expectancy - males

Life expectancy at birth - males 2016-20



Males	Newham	London	England
Life expectancy at birth (2018-20)	79	80.3	79.4
Life expectancy at 65 (2018-20)	18.4	19.2	18.7
Healthy life expectancy at birth (2018-20)	59.5	63.8	63.1
Healthy life expectancy at 65 (2018-20)	5.9	10.3	10.5
Disability free life expectancy at birth (2018-20)	60.9	64.4	62.4
Disability free life expectancy at 65 (2018-20)	6.2	10.3	9.8

WE ARE NEWHAM.

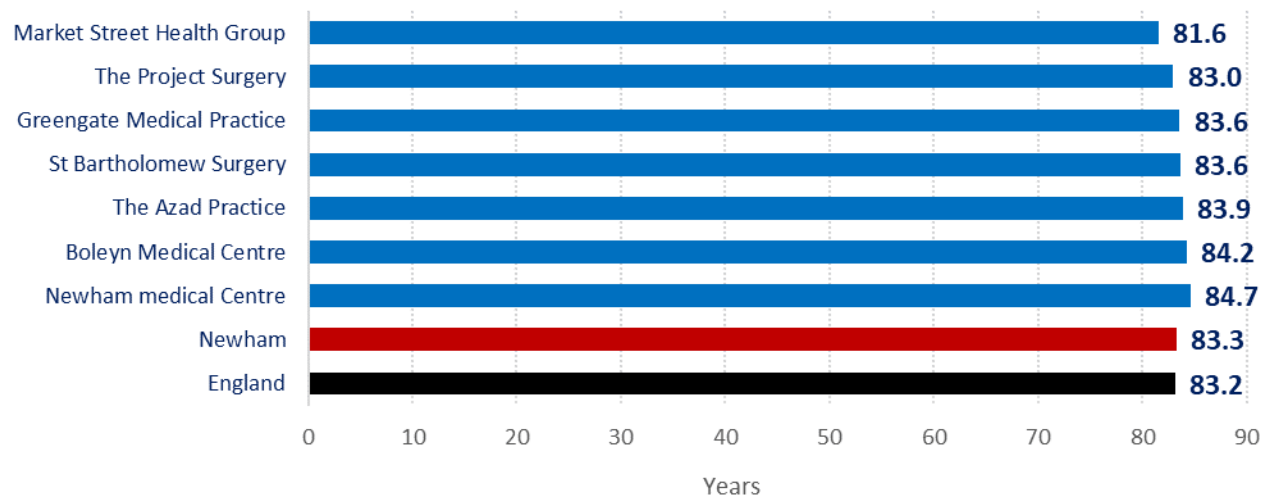
Data source: PHE, based on ONS mortality data

People at the Heart
of Everything We Do

[Back to contents](#)

Life expectancy - females

Life expectancy at birth - females 2016-20



Females	Newham	London	England
Life expectancy at birth (2018-20)	83.1	84.3	83.1
Life expectancy at 65 (2018-20)	21.2	22	21.1
Healthy life expectancy at birth (2018-20)	64.6	65.0	54.3
Healthy life expectancy at 65 (2018-20)	11.5	11.2	11.3
Disability free life expectancy at birth (2018-20)	65.7	63.3	60.9
Disability free life expectancy at 65 (2018-20)	11.5	10.2	9.9

WE ARE NEWHAM.

Data source: PHE, based on ONS mortality data

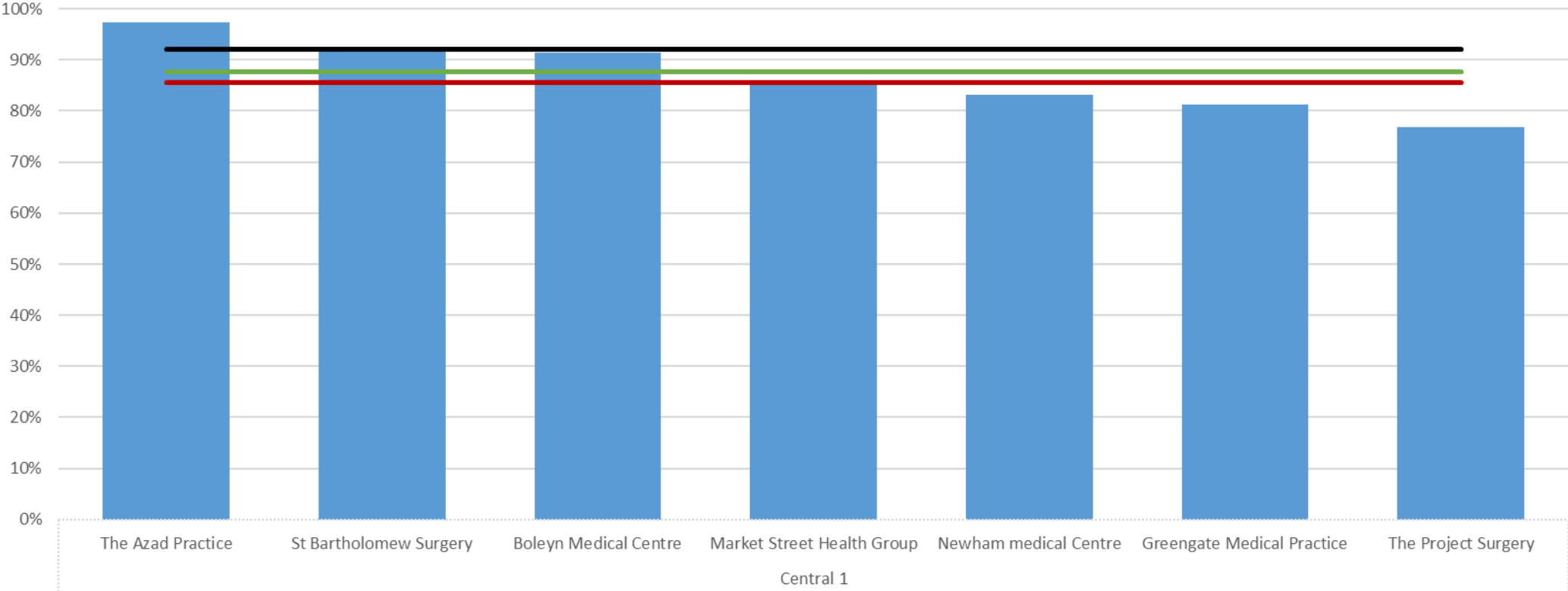
People at the Heart
of Everything We Do

[Back to contents](#)

Childhood Immunisations: 6 in 1 uptake for children aged 12 months



6 in 1 uptake for children aged 12 months 2020/21 NHS Newham CCG England PCN Average



WE ARE NEWHAM.

Data source: CEG dashboards, Fingertips PHE

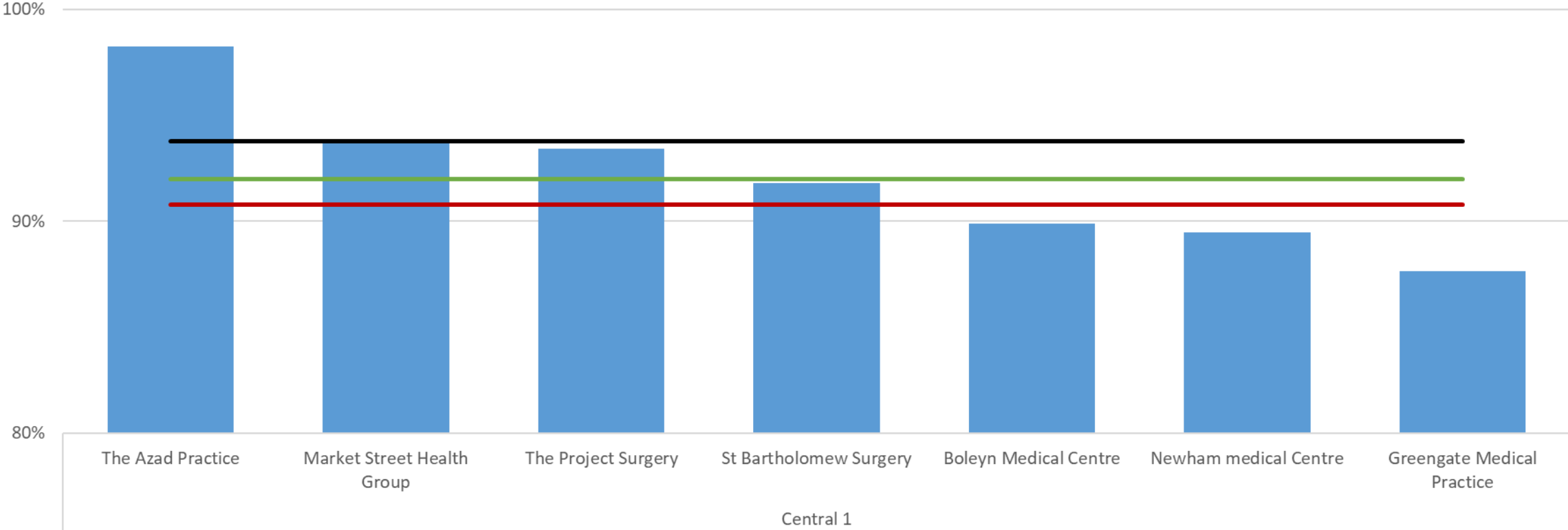
People at the Heart of Everything We Do

[Back to contents](#)

Childhood Immunisations: 6 in 1 uptake for children aged 2 years



6 in 1 uptake for children aged 2 years 2020/21 — NHS Newham CCG — England — PCN average



WE ARE NEWHAM.

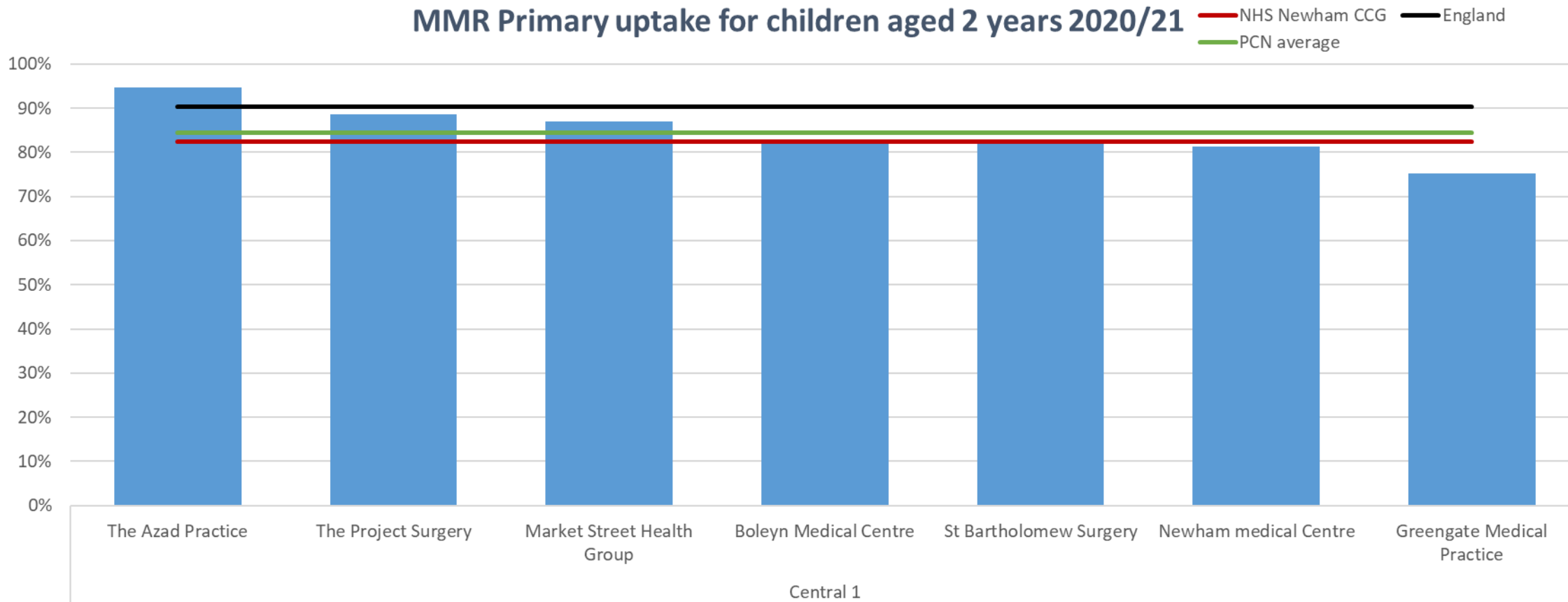
Data source: CEG dashboards, Fingertips PHE

People at the Heart of Everything We Do

[Back to contents](#)

Childhood Immunisations: MMR primary uptake for children aged 2 years

MMR Primary uptake for children aged 2 years 2020/21



WE ARE NEWHAM.

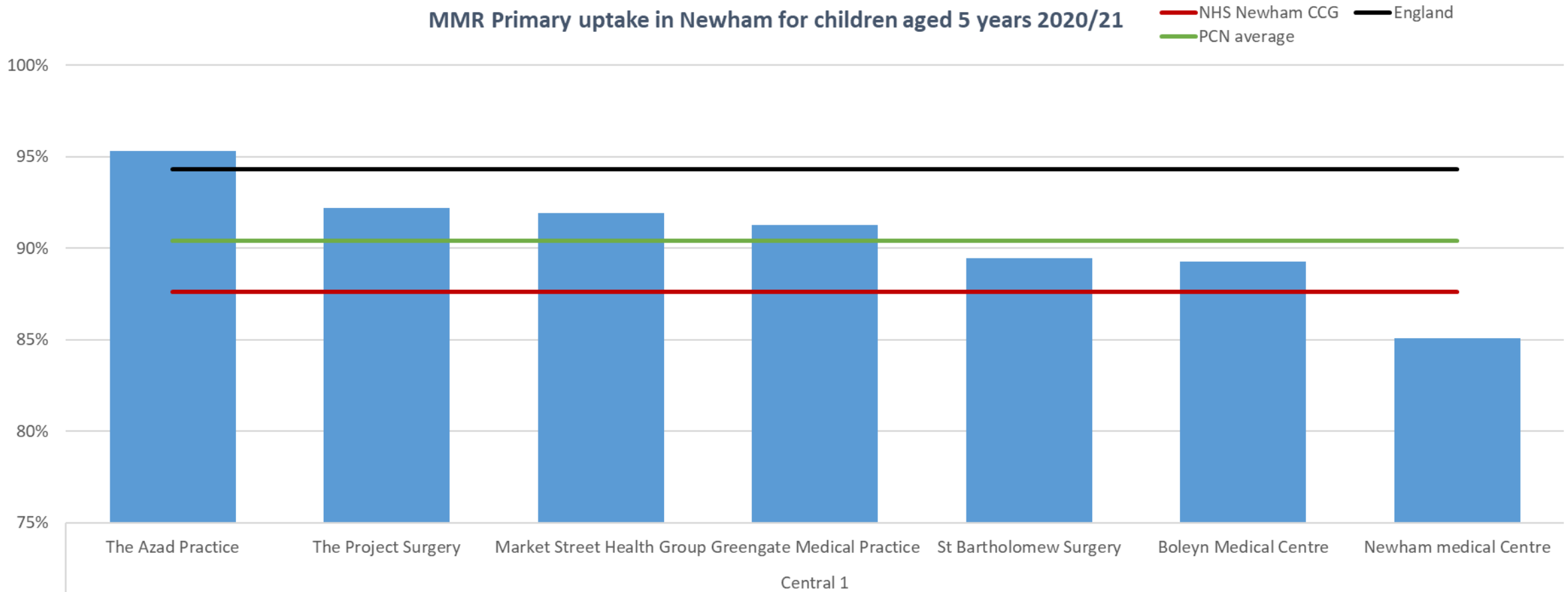
Data source: CEG dashboards, Fingertips PHE

People at the Heart
of Everything We Do

[Back to contents](#)

Childhood Immunisations: MMR primary uptake for children aged 5 years

MMR Primary uptake in Newham for children aged 5 years 2020/21



WE ARE NEWHAM.

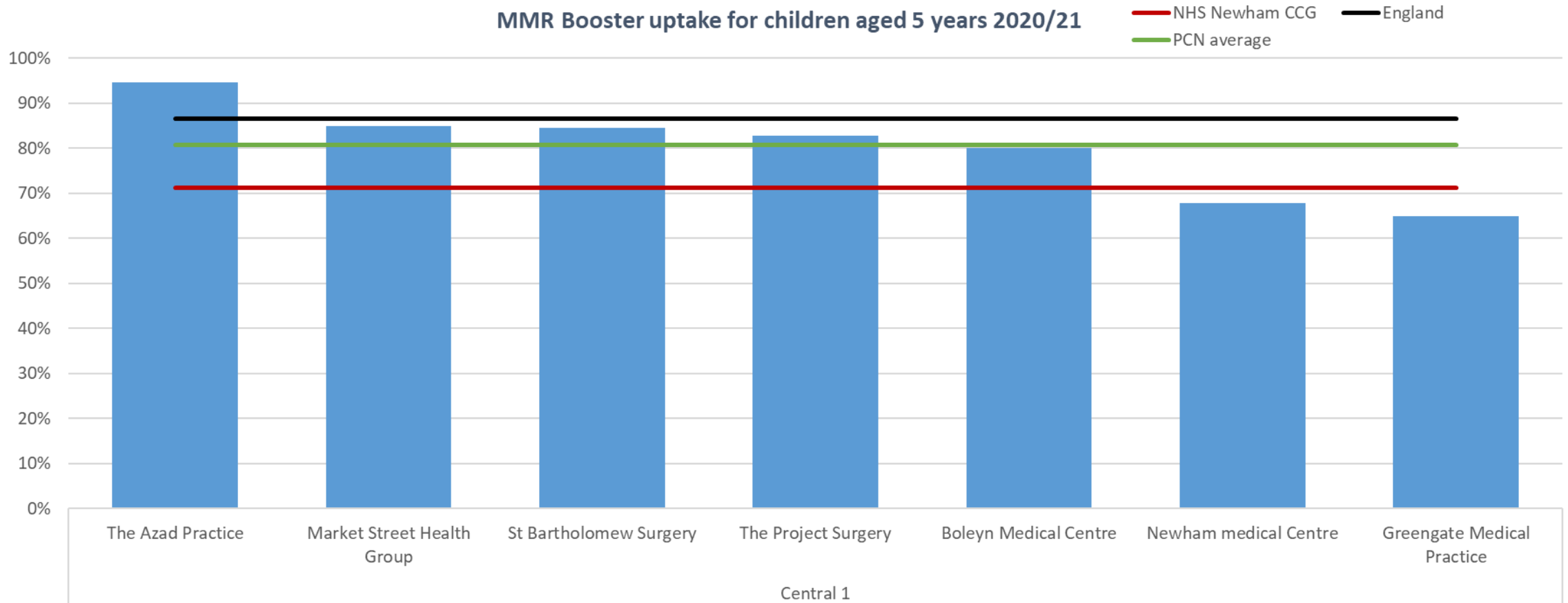
Data source: CEG dashboards, Fingertips PHE

People at the Heart
of Everything We Do

[Back to contents](#)

Childhood Immunisations: MMR booster uptake for children aged 5 years

MMR Booster uptake for children aged 5 years 2020/21



WE ARE NEWHAM.

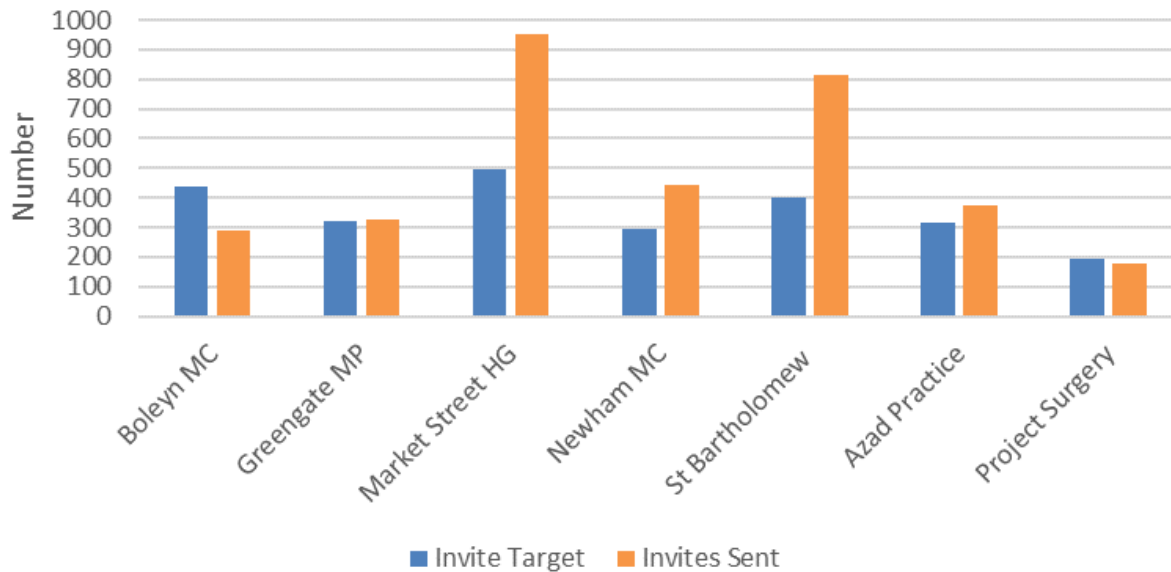
Data source: CEG dashboards, Fingertips PHE

**People at the Heart
of Everything We Do**

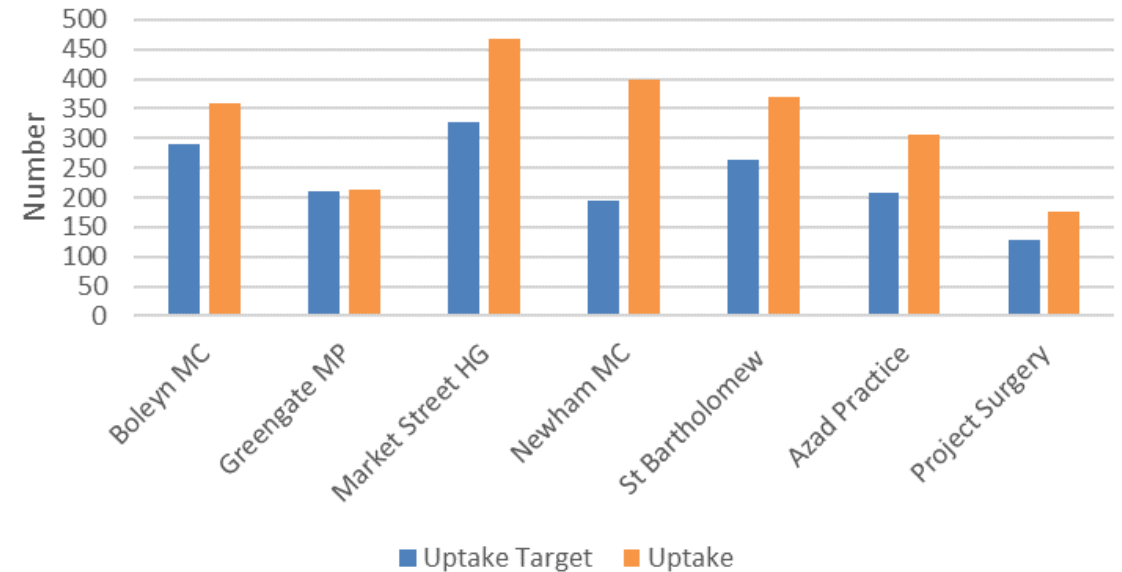
[Back to contents](#)

Health checks – invites and uptake

Health check invites 2022-23



Health check uptake 2022-23



- In 2022-23 there were 3377 invites for health checks sent from Central 1 PCN with a target of 2465
- Uptake was 2288 with a target of 1627

WE ARE NEWHAM.

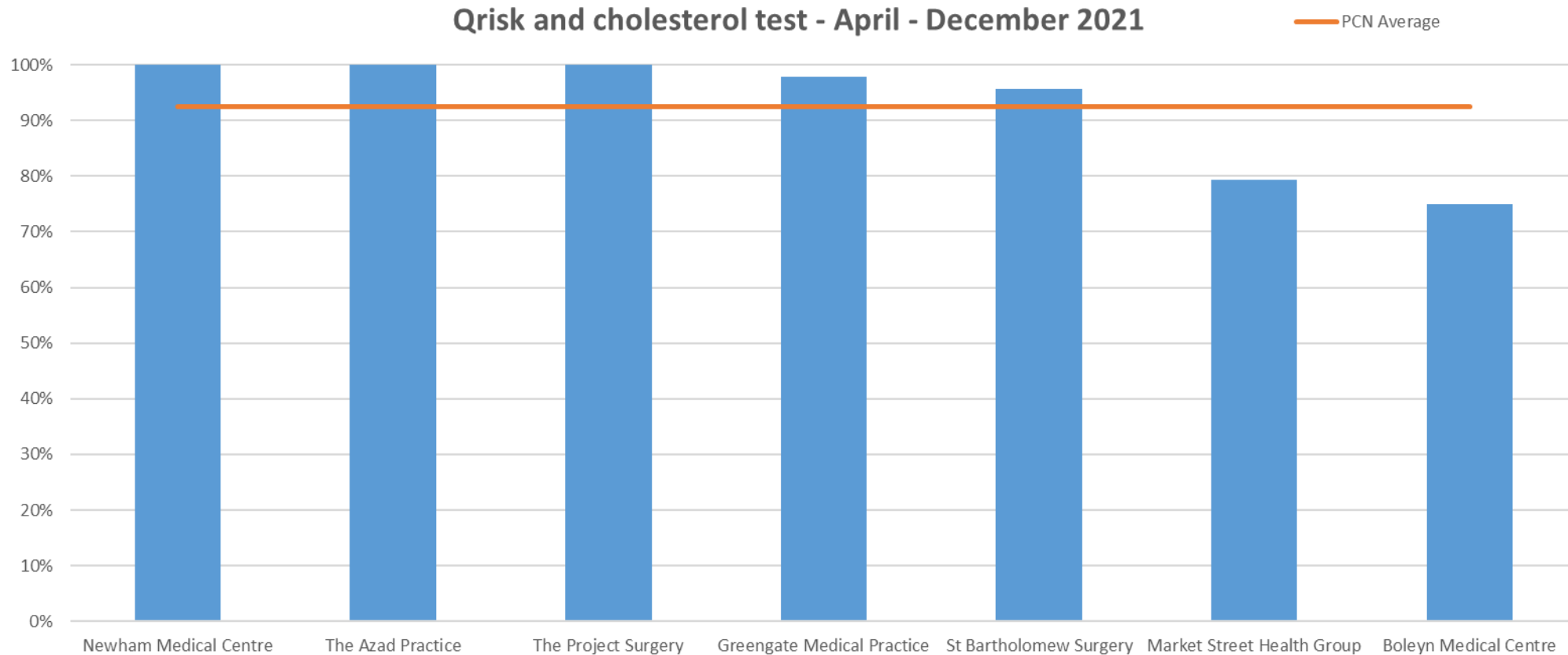
Data source: Clinical Effectiveness Group

People at the Heart
of Everything We Do

[Back to contents](#)

Health checks: Measurements

Q-risk score ≥ 10 & cholesterol test within 3 months



WE ARE NEWHAM.

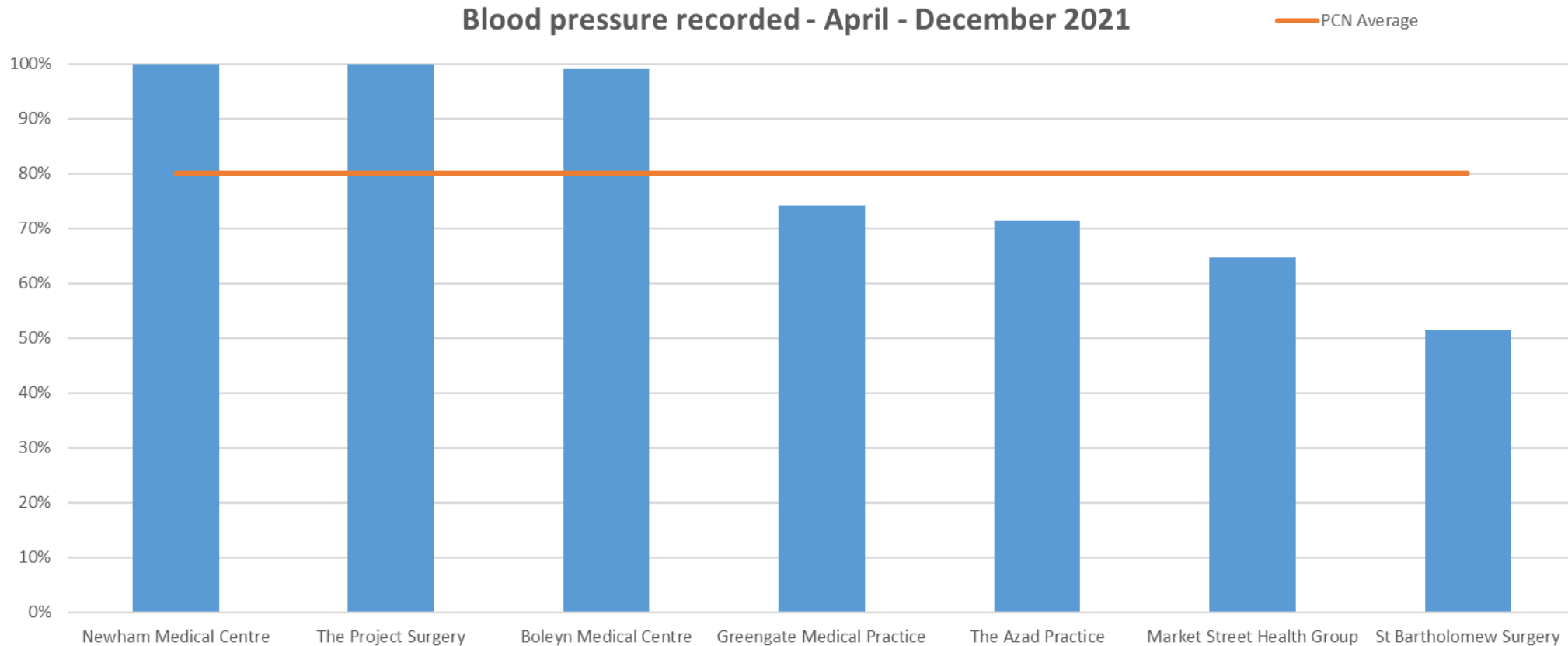
Data source: Clinical Effectiveness Group

**People at the Heart
of Everything We Do**

[Back to contents](#)

Health checks: Measurements

Blood pressure recorded as a proportion of NHS Health Check



WE ARE NEWHAM.

Data source: Clinical Effectiveness Group

**People at the Heart
of Everything We Do**

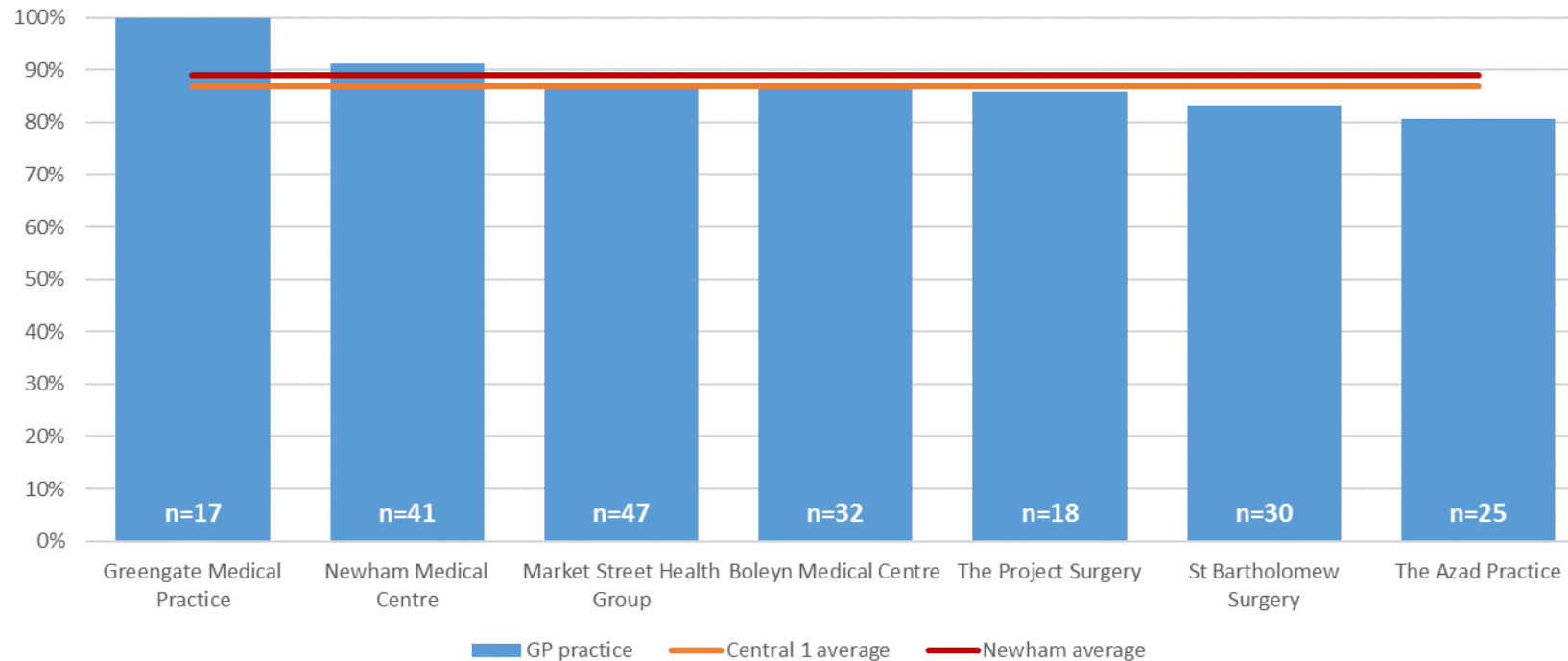
[Back to contents](#)

Learning Disabilities: Health checks 14-17 years

There were no cases recorded for this age group in the time period 12 months to 1st May 2023.

Learning Disabilities: Health checks 18+ years

Percentage of Health Checks carried out over the last 12 months (as at 1st May 2023)
in people aged 18 and over with learning disabilities



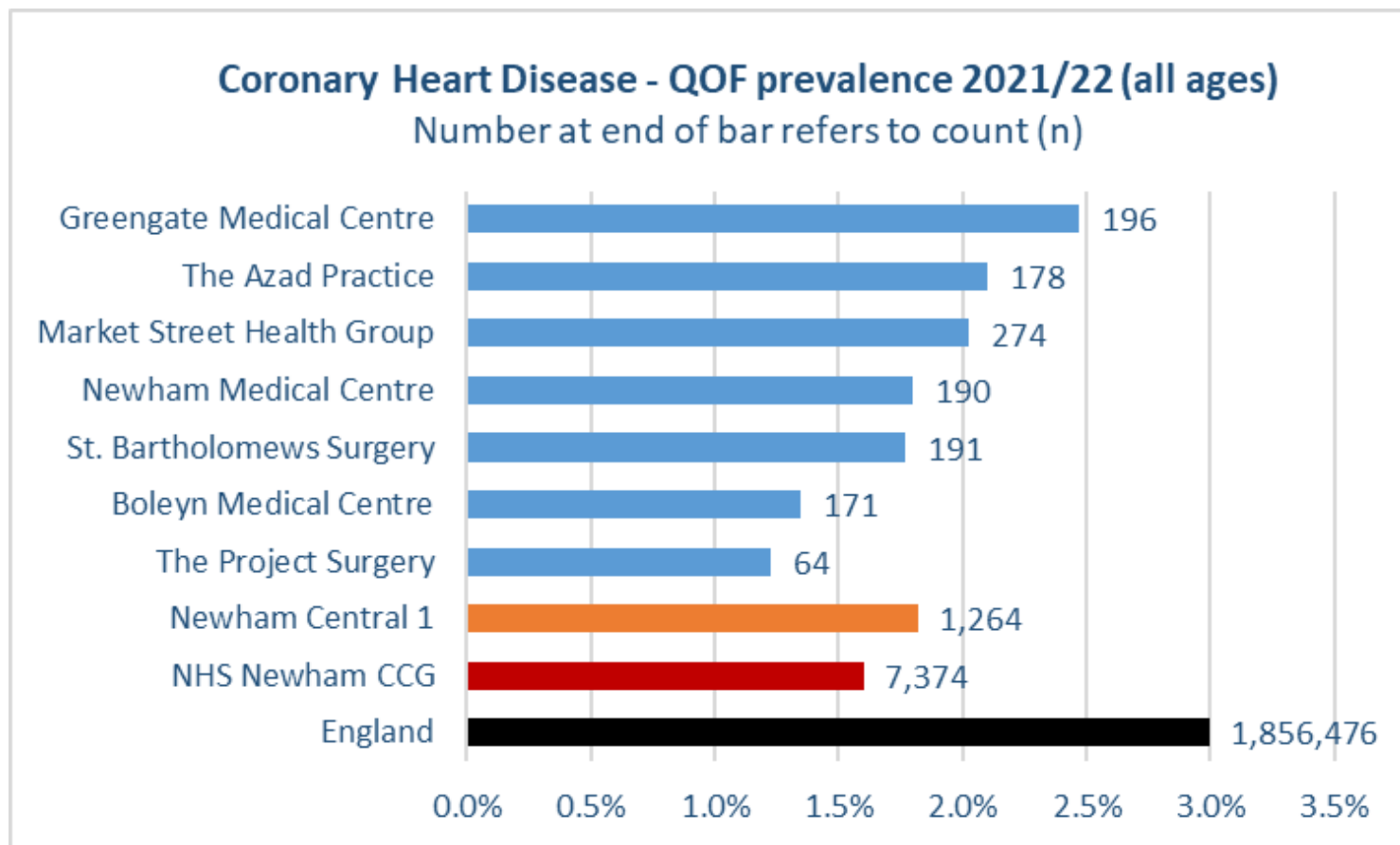
WE ARE NEWHAM.

Source: CEG NEL Dashboards

People at the Heart
of Everything We Do

[Back to contents](#)

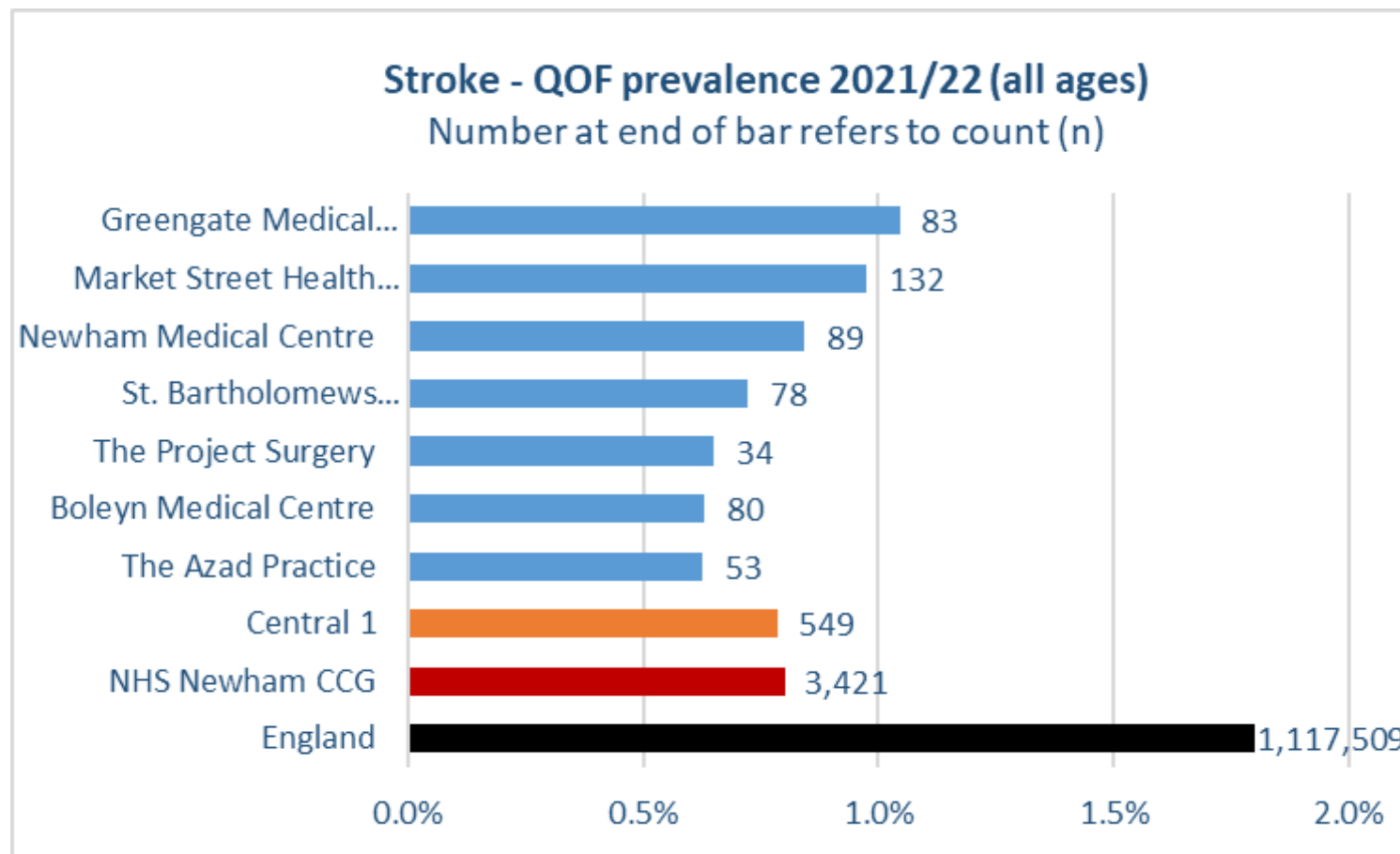
CVD: Coronary Heart Disease



WE ARE NEWHAM.

People at the Heart
of Everything We Do

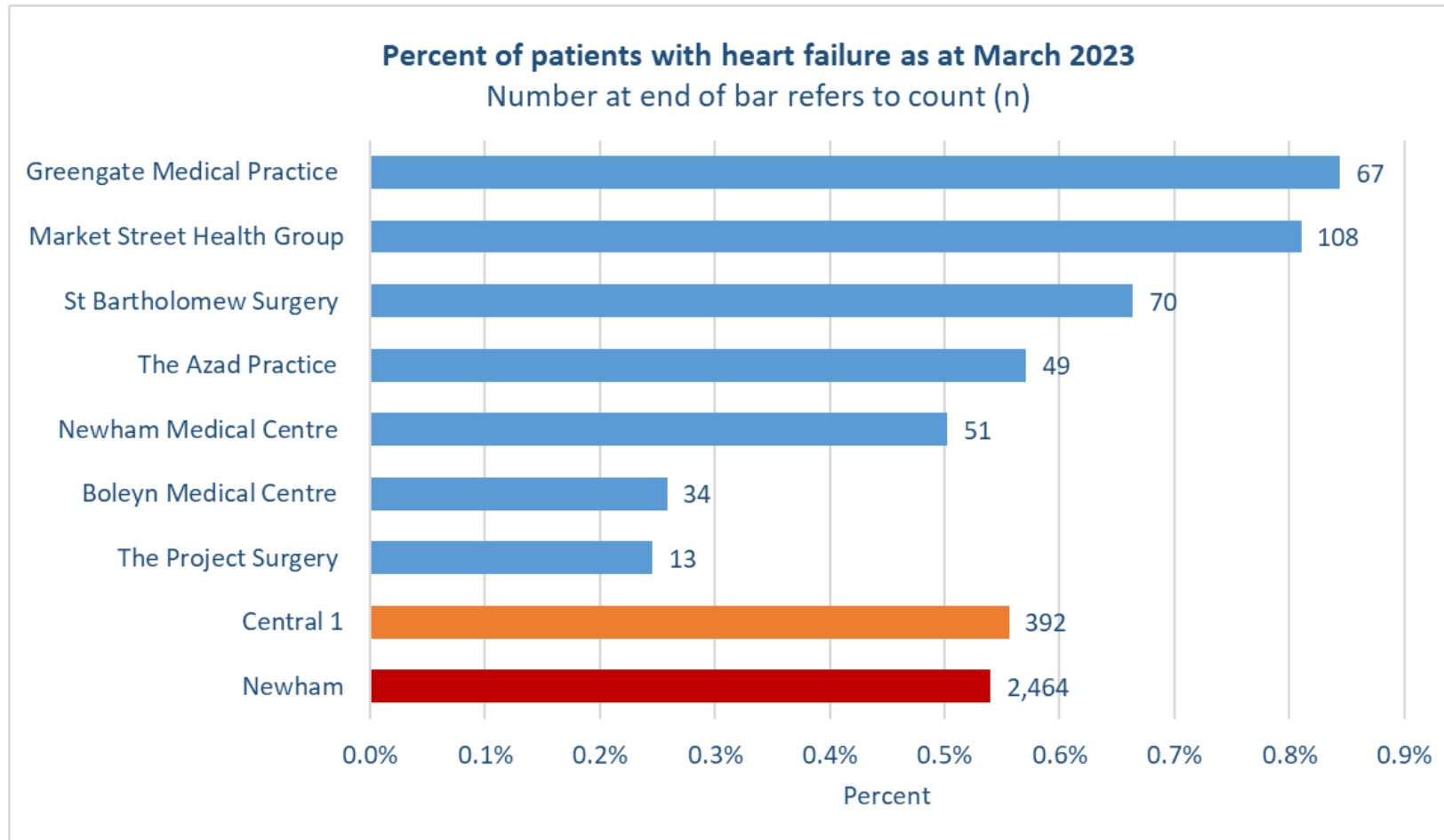
CVD: Stroke – QOF Prevalence



WE ARE NEWHAM.

People at the Heart
of Everything We Do

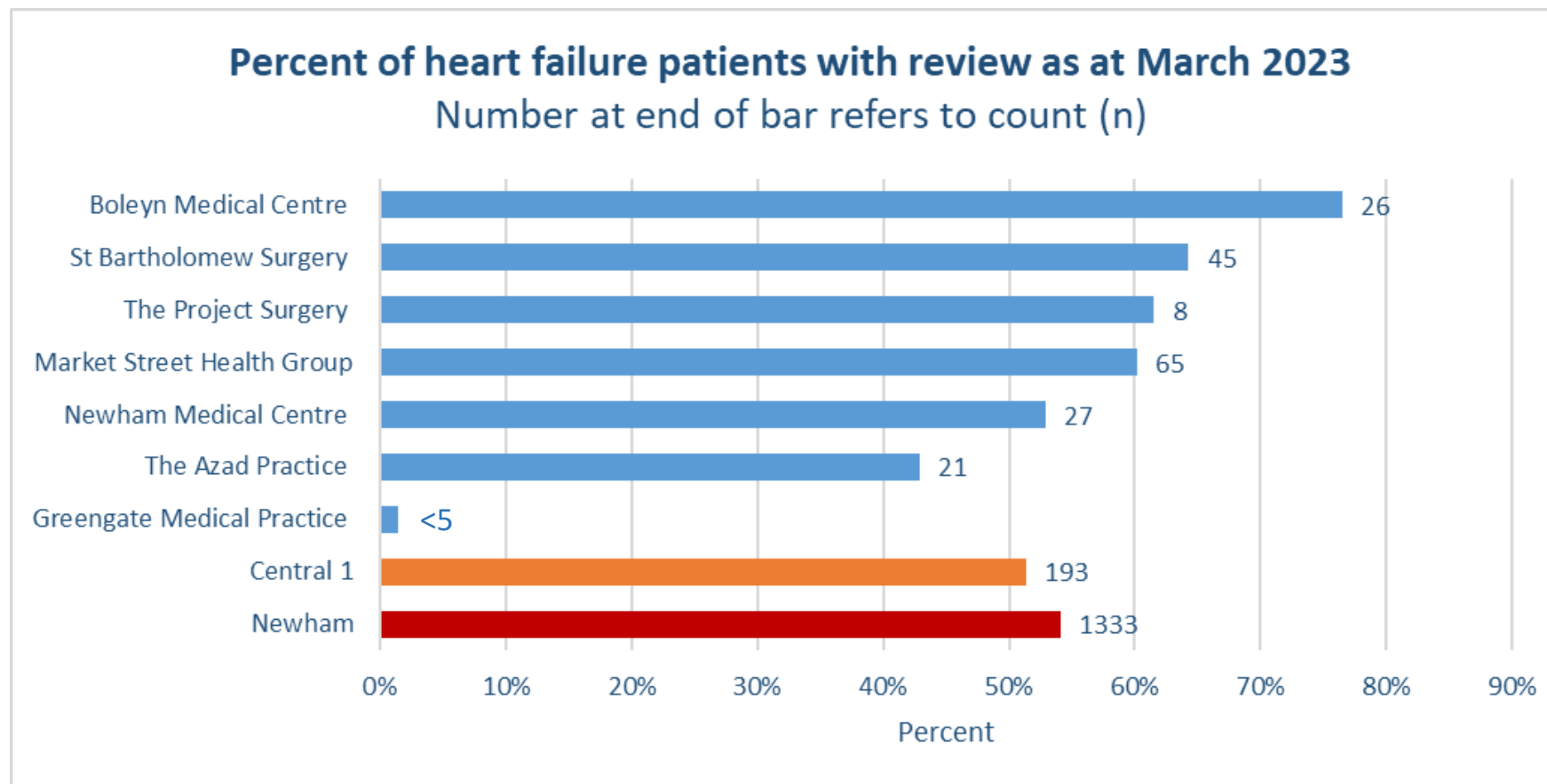
CVD: % of all patients with heart failure



WE ARE NEWHAM.

People at the Heart
of Everything We Do

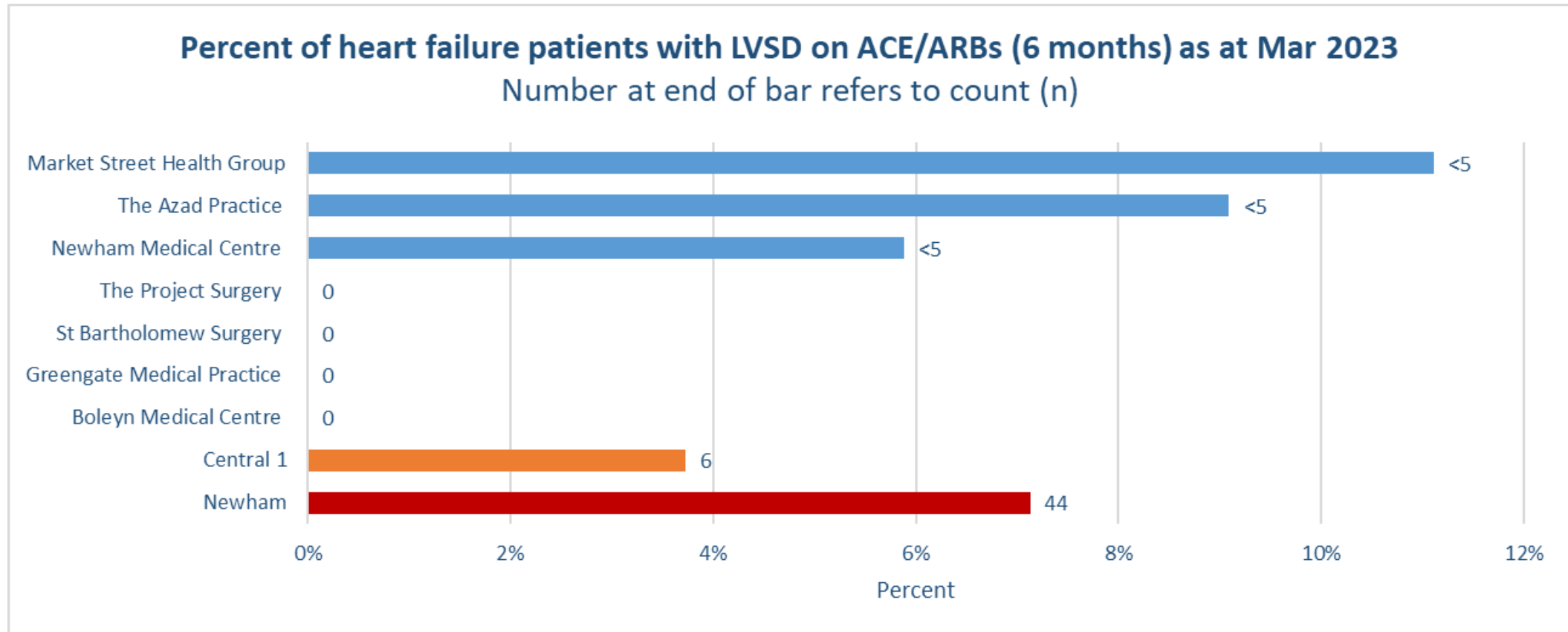
CVD: % of all heart failure patients with review



WE ARE NEWHAM.

People at the Heart
of Everything We Do

CVD: % of all patients with LVSD on ACE/ARBs (6m)



WE ARE NEWHAM.

People at the Heart
of Everything We Do

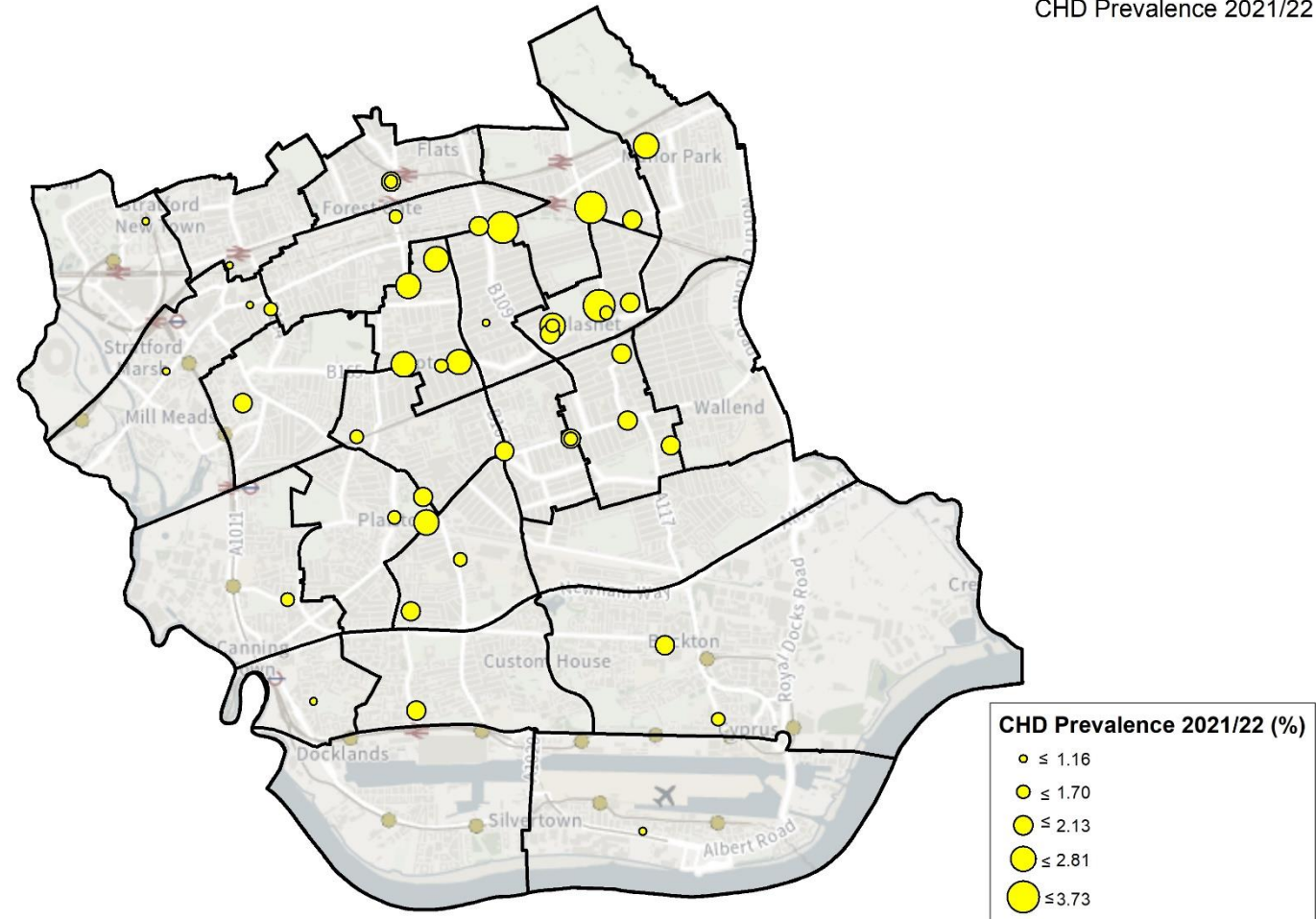
Coronary Heart Disease prevalence

In Newham and Central 1
by GP practice

Coronary Heart Disease prevalence
(%, all ages) in 2021/22

CHD Prevalence 2021/22

GP practice	CHD prevalence (%)
The Project Surgery	1.2
Boleyn Medical Centre	1.3
St Bartholomew Surgery	1.8
Newham medical Centre	1.8
Market Street Health Group	2.0
The Azad Practice	2.1
Greengate Medical Practice	2.5



WE ARE NEWHAM.

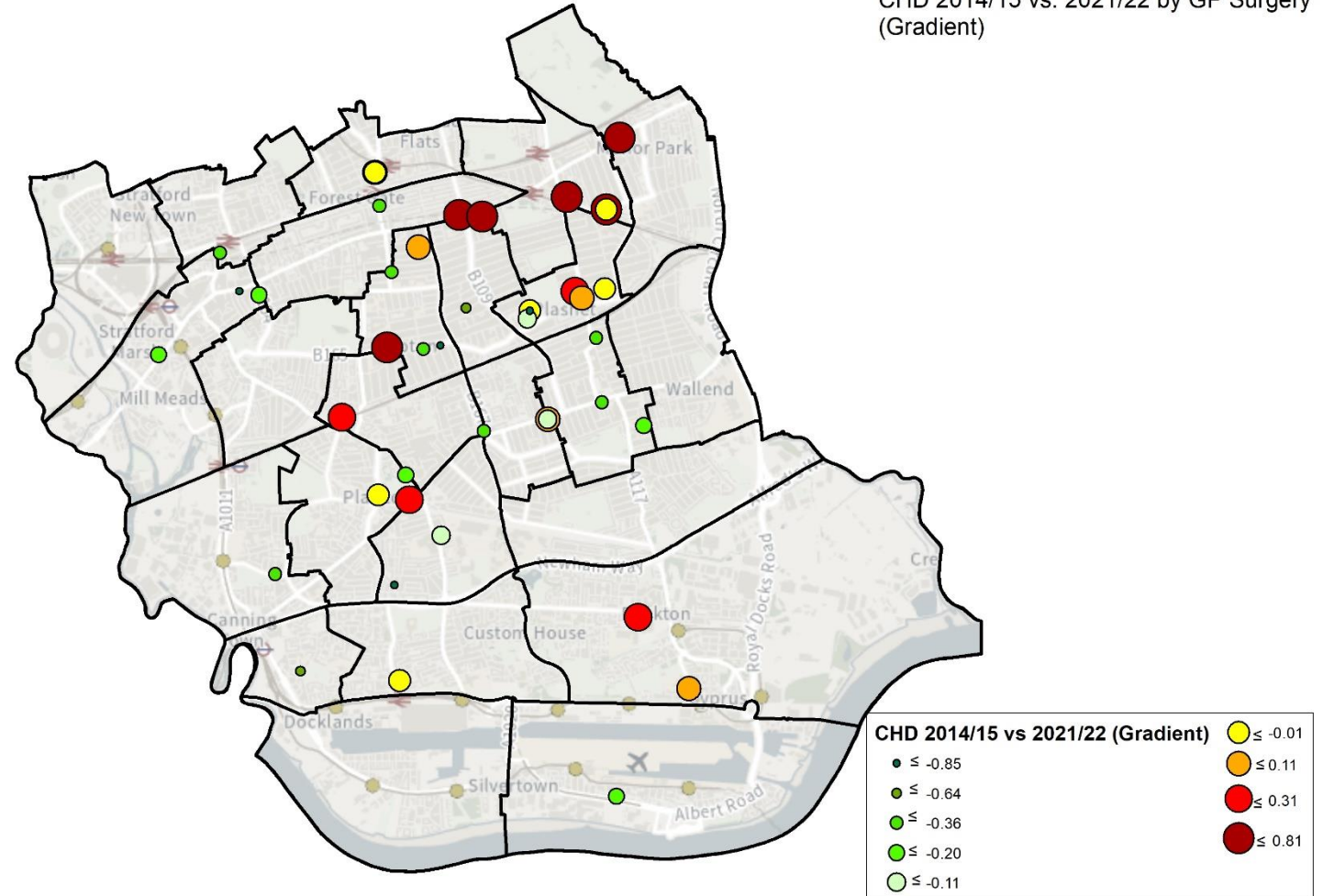
Coronary Heart Disease prevalence - gradient change

In Newham and Central 1
by GP practice

Coronary Heart Disease prevalence (% , all ages)
2015/16 vs. 2021/22 and gradient change

GP practice	2015/2016	2021/2022	Gradient change
Boleyn Medical Centre	1.5	1.3	-0.11
Greengate Medical Practice	2.2	2.5	0.31
Market Street Health Group	2.3	2.0	-0.25
Newham medical Centre	2.2	1.8	-0.37
St Bartholomew Surgery	2.1	1.8	-0.36
The Azad Practice	2.0	2.1	0.11
The Project Surgery	1.0	1.2	0.22

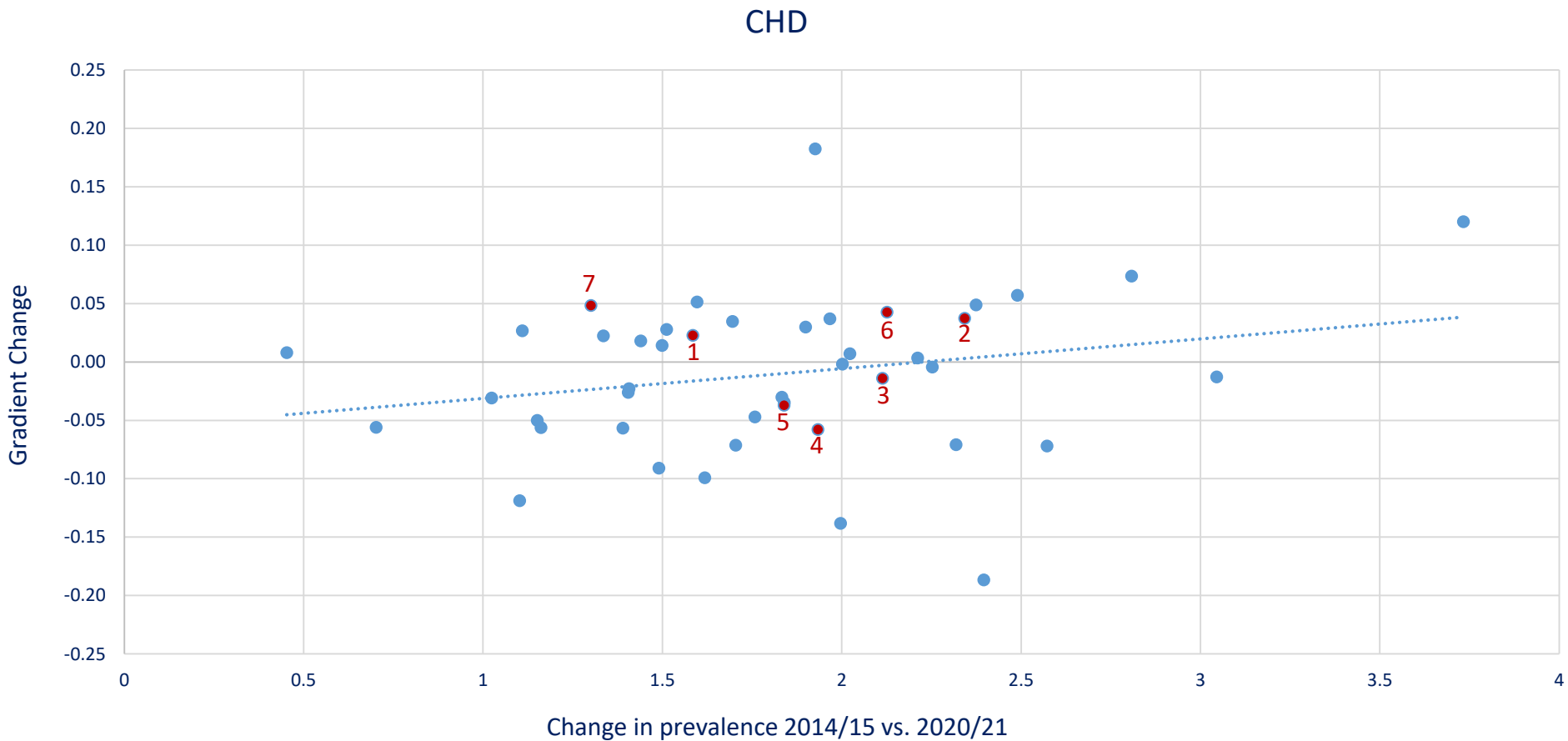
CHD 2014/15 vs. 2021/22 by GP Surgery
(Gradient)



WE ARE NEWHAM.

Data source: OHID Fingertips

CHD prevalence and change in prevalence scatterplot Among all Newham GP practices



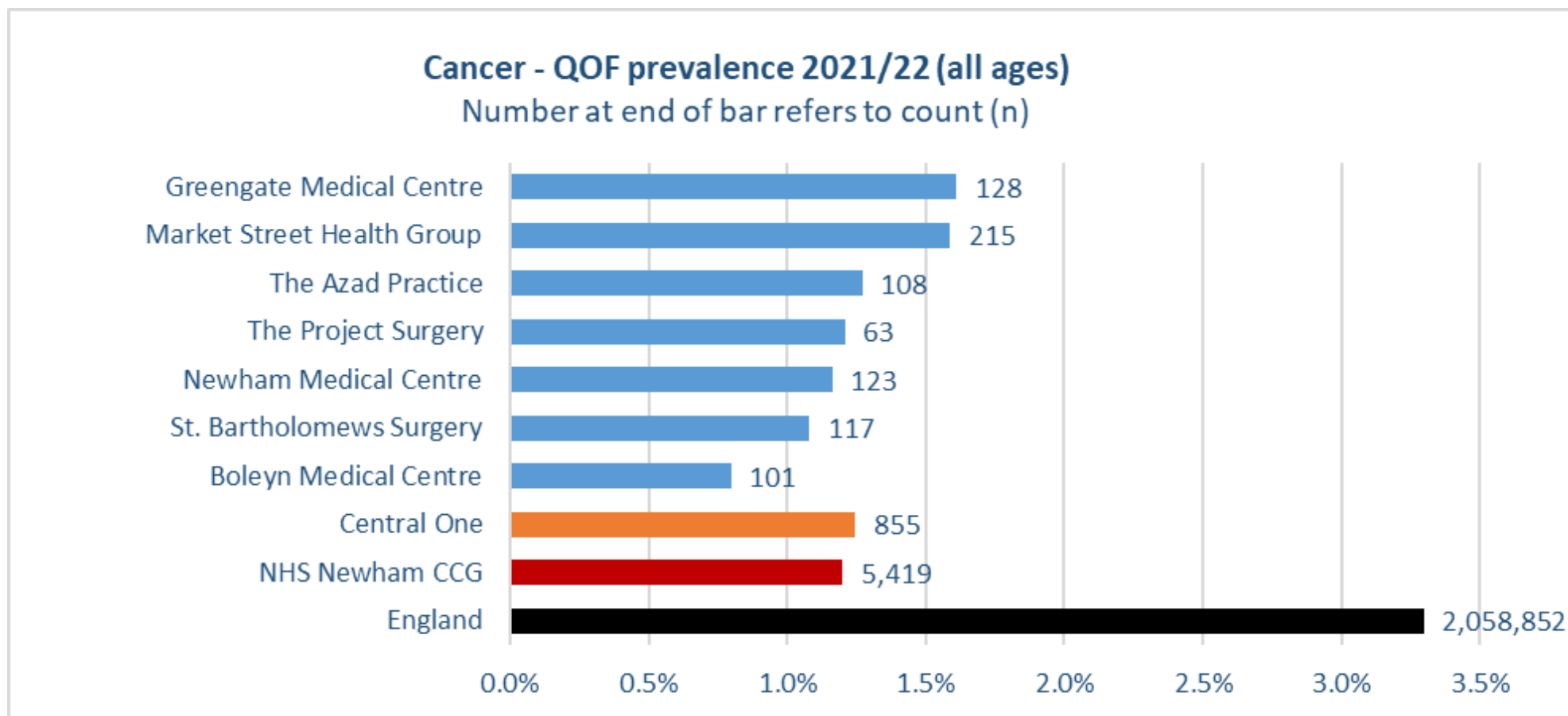
Key

- 1 Boleyn Medical Centre
- 2 Greengate Medical Practice
- 3 Market Street Health Group
- 4 Newham Medical Centre
- 5 St Bartholomew Surgery
- 6 The Azad Practice
- 7 The Project Surgery

WE ARE NEWHAM.

People at the Heart
of Everything We Do

Cancer: Prevalence



WE ARE NEWHAM.

Source: HES data held by OHID originally provided by NHS Digital

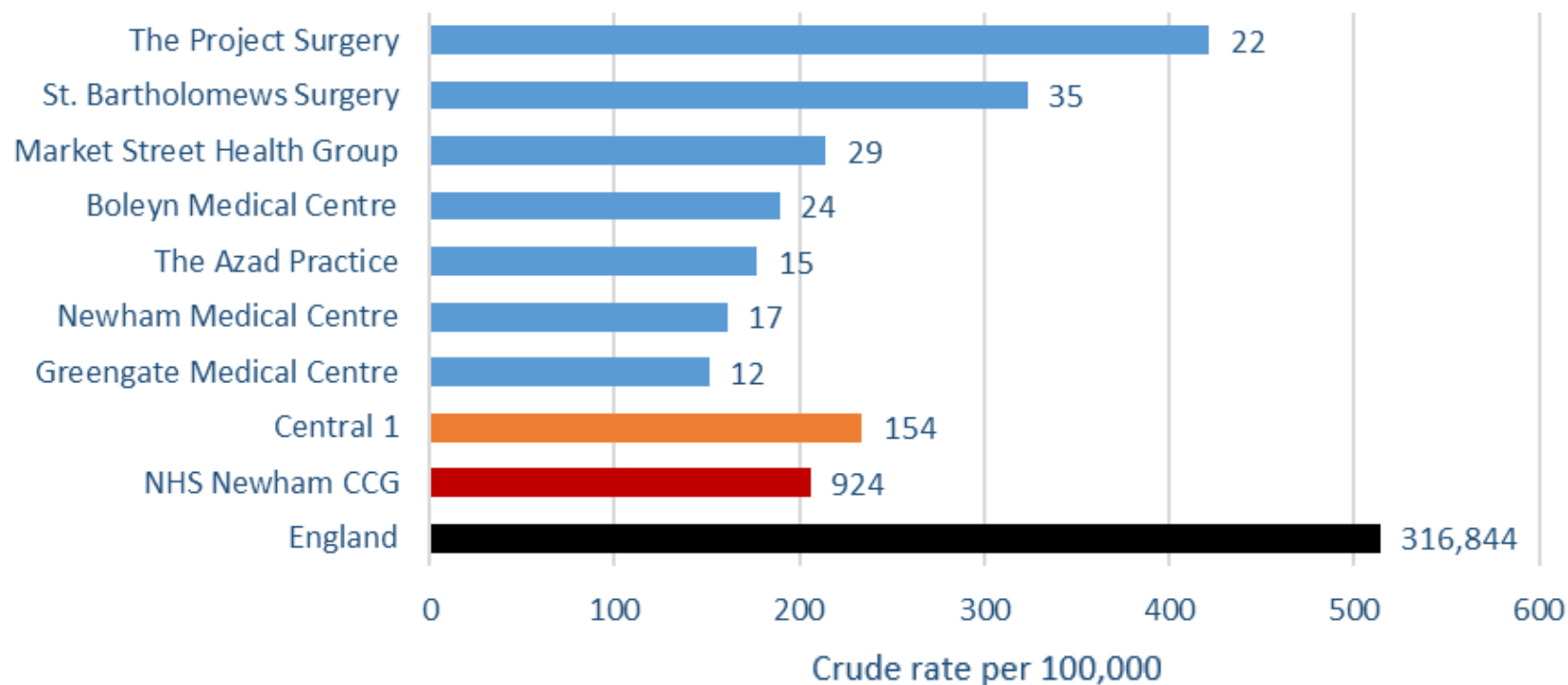
**People at the Heart
of Everything We Do**

[Back to contents](#)

Cancer: Emergency Admissions

Emergency Admissions with Cancer 2021/22 (all ages)

Number at end of bar refers to count (n)



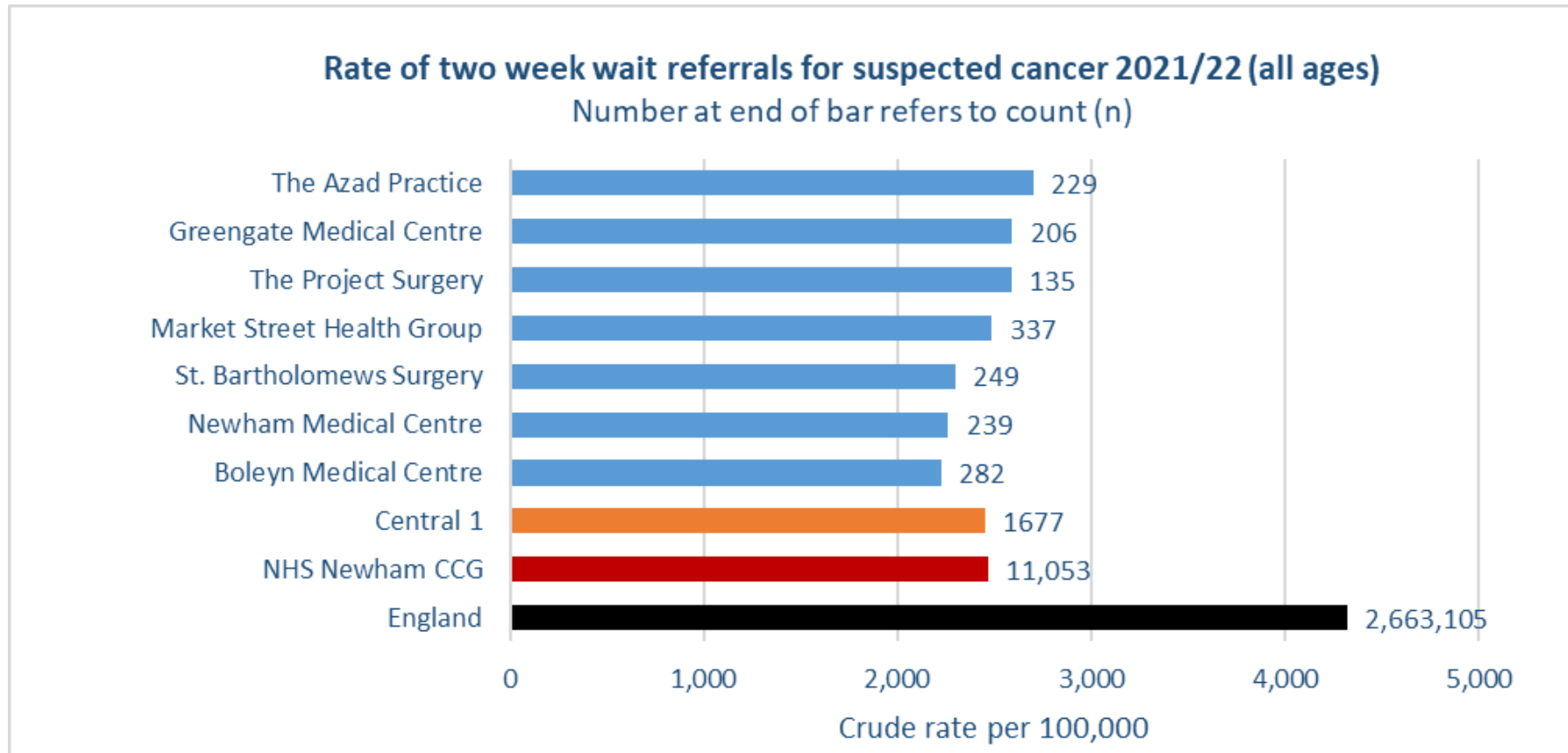
WE ARE NEWHAM.

Source: HES data held by PHE originally provided by NHS Digital

People at the Heart
of Everything We Do

[Back to contents](#)

Cancer: 2 week wait referrals



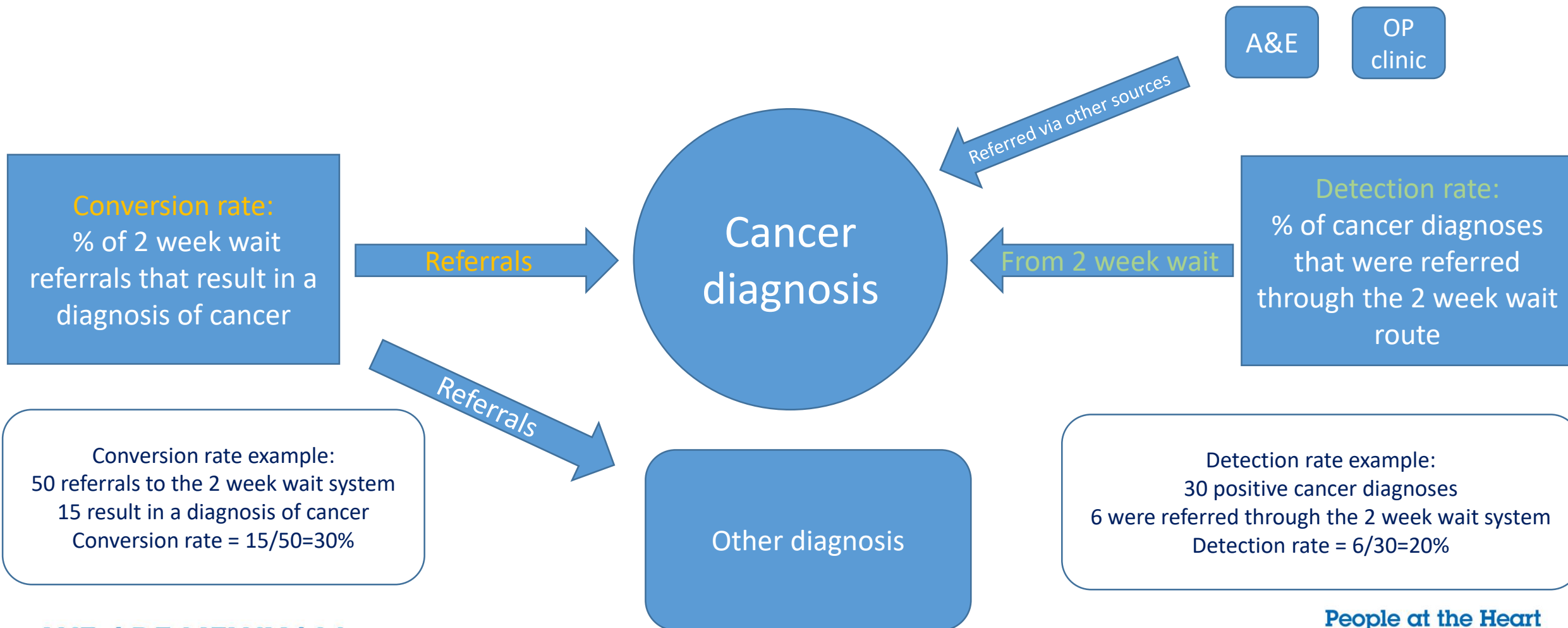
WE ARE NEWHAM.

Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

People at the Heart
of Everything We Do

[Back to contents](#)

Cancer: 2 week wait referrals: Detection and conversion explained



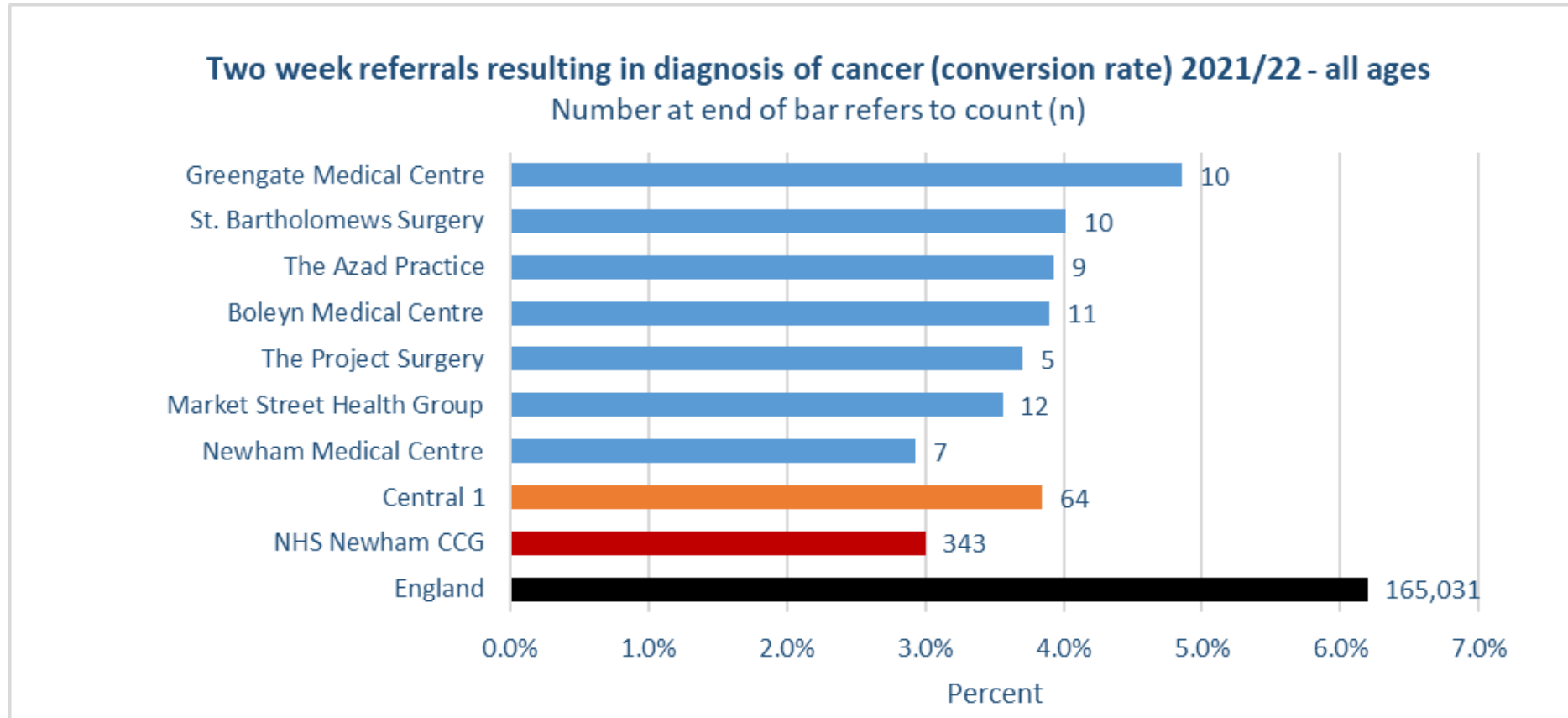
WE ARE NEWHAM.

Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

**People at the Heart
of Everything We Do**

[Back to contents](#)

Cancer: 2 week wait referrals - conversion



WE ARE NEWHAM.

Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

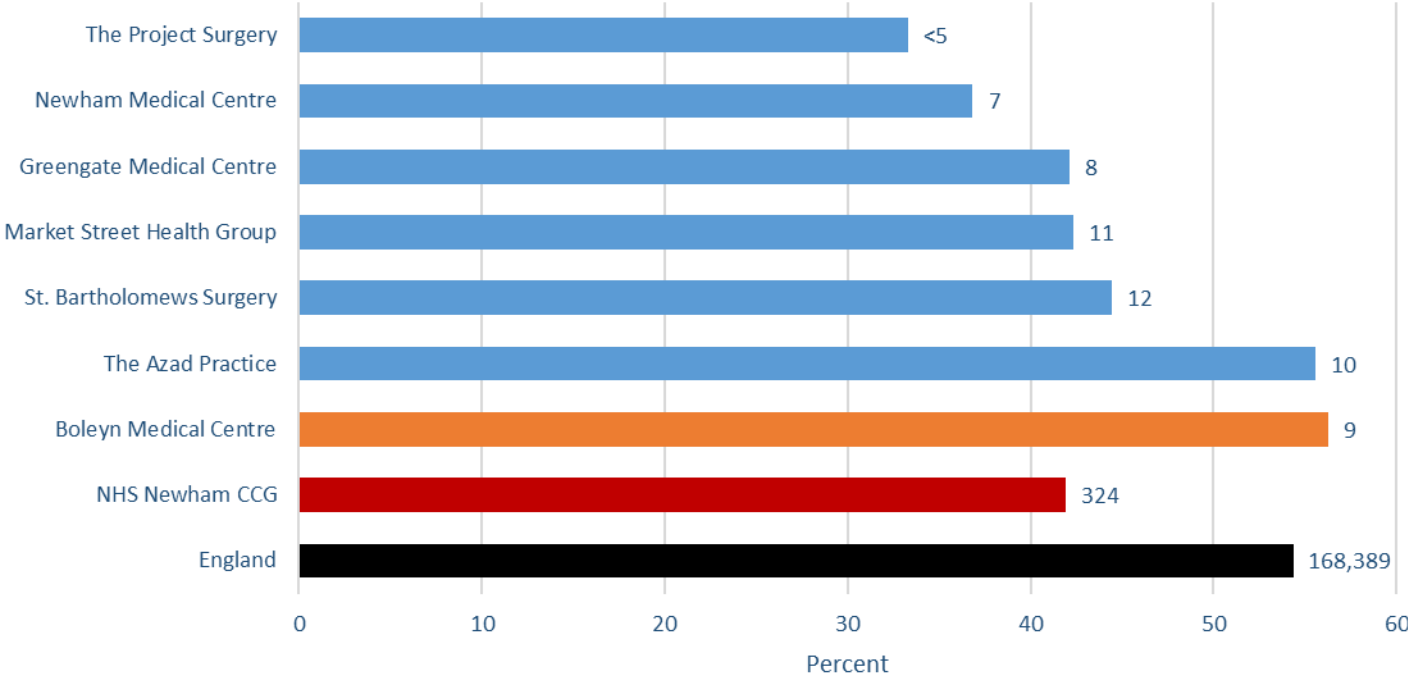
People at the Heart
of Everything We Do

[Back to contents](#)

Cancer: 2 week wait referrals - detection



New cancer cases resulting from 2 week wait referral (detection rate) 2021/22 - all ages
Number at end of bar refers to count (n)



WE ARE NEWHAM.

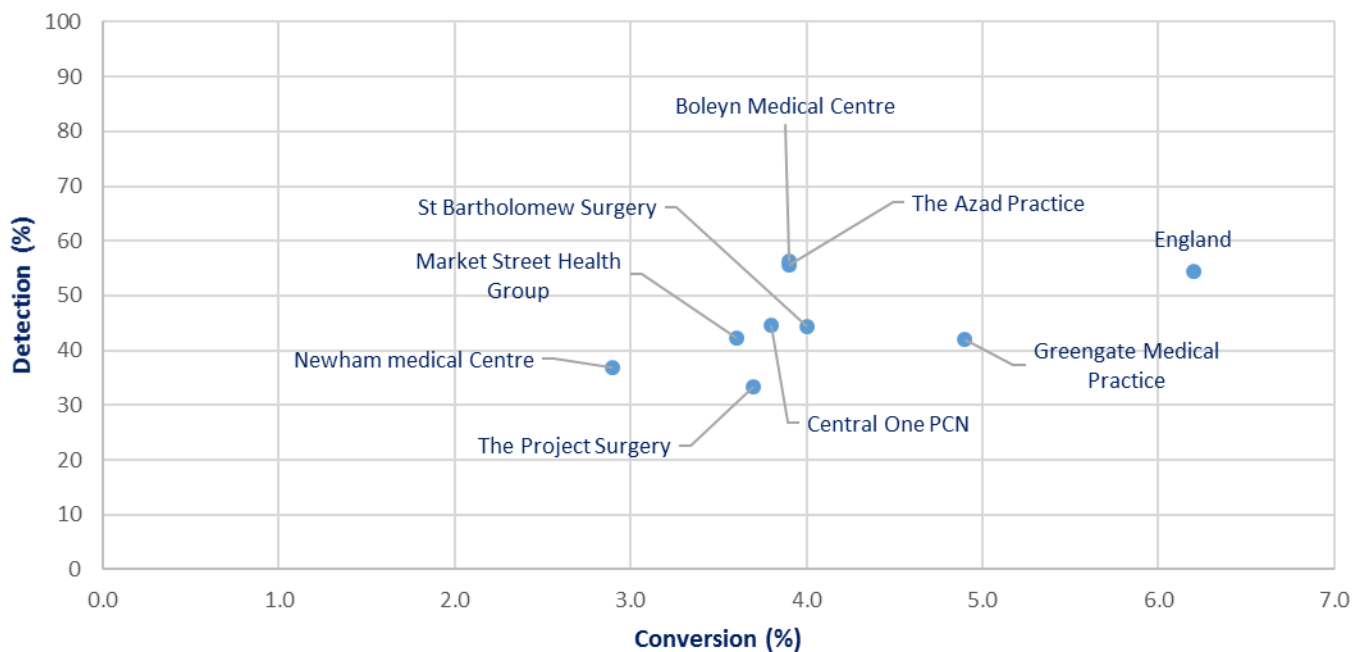
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

People at the Heart
of Everything We Do

[Back to contents](#)

Cancer: 2 week wait referrals – conversion/detection 2021/22

2 week wait referrals - GP Practices showing detection and conversion 2021/22



Conversion = 2ww referrals resulting in a diagnosis of cancer

Higher conversion percentage means that a higher proportion of 2 week wait referrals for suspected cancer resulted in a cancer diagnosis.

Detection = cancers referred via the 2 week wait referral

A higher detection percentage means cancers have been detected via referrals through the 2 week wait system, as opposed to emergency admissions for example.

WE ARE NEWHAM.

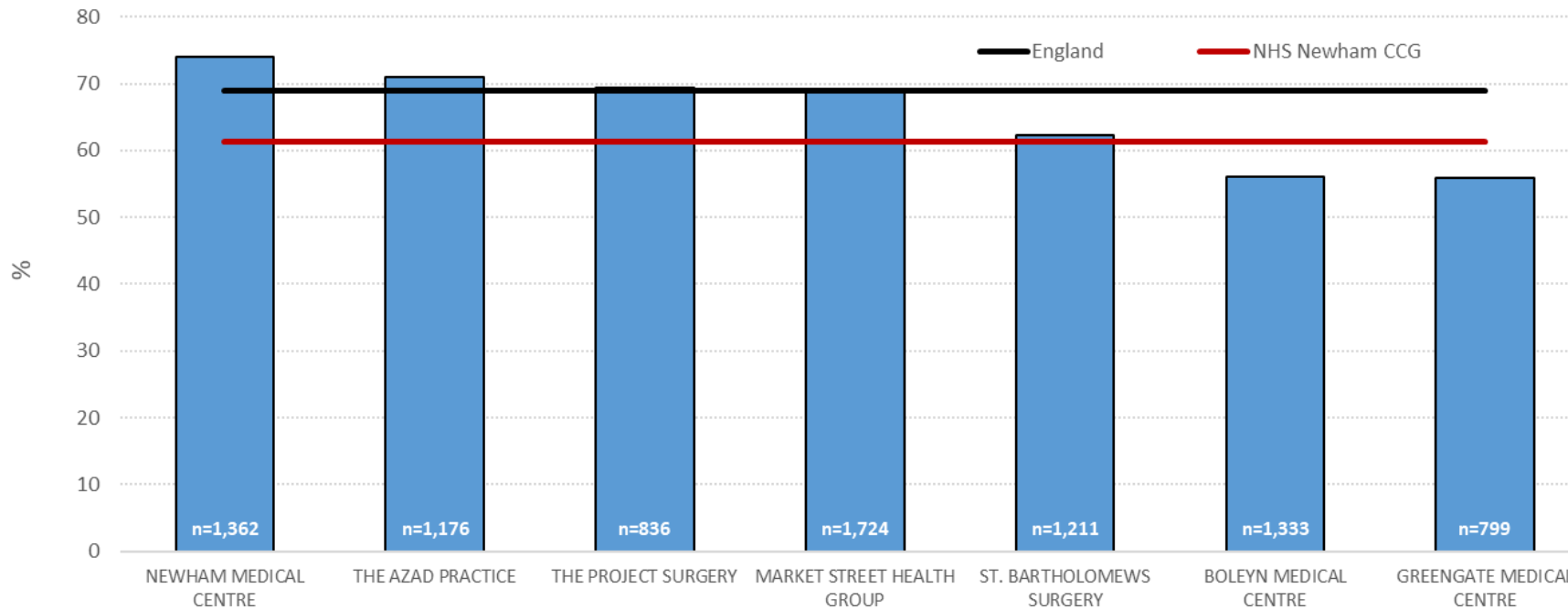
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

**People at the Heart
of Everything We Do**

[Back to contents](#)

Cervical Screening

Percentage of Women aged 25-49 with a record of cervical screening in the last 3.5 years (including patients with PCAs) - 2021/22



WE ARE NEWHAM.

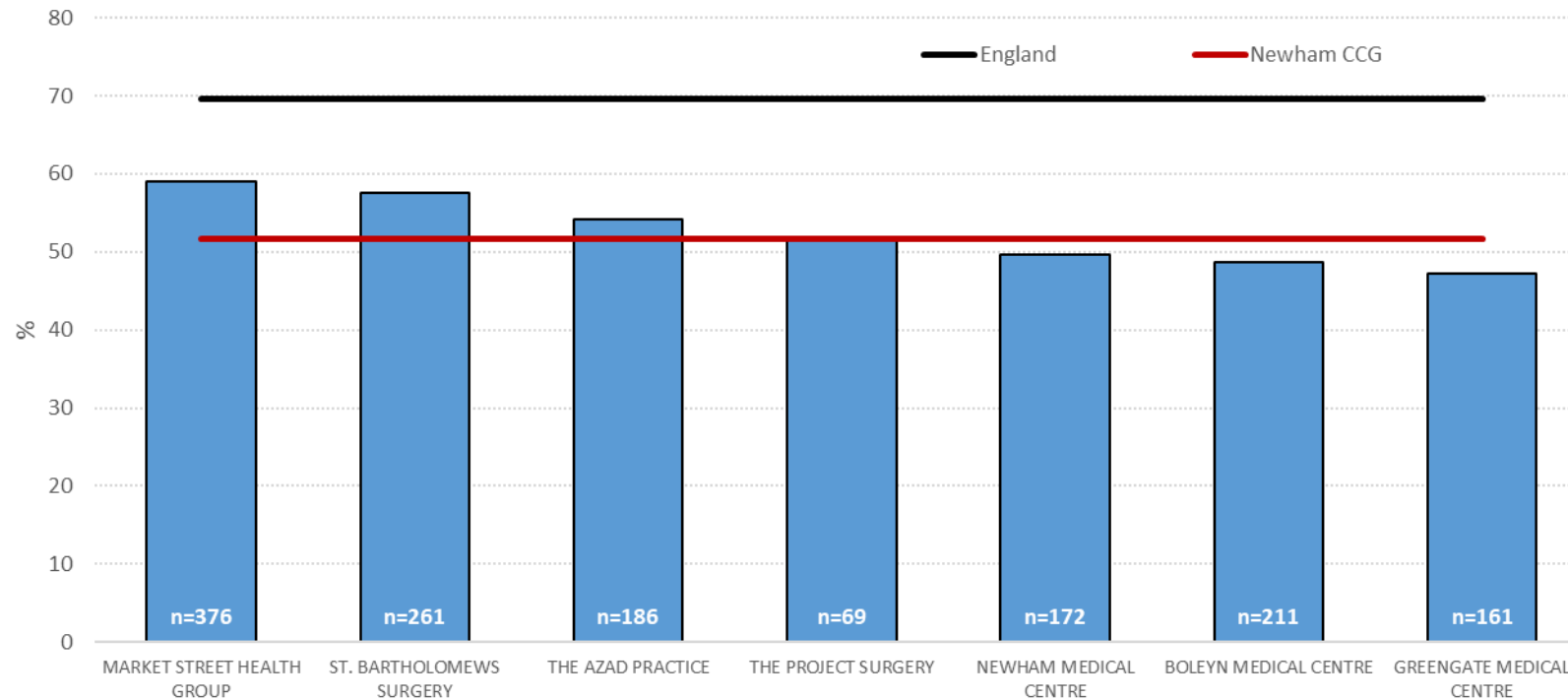
Data source: Quality and Outcomes Framework (QOF), NHS Digital via Fingertips, OHID (see notes for PCA definition)

People at the Heart
of Everything We Do

[Back to contents](#)

Bowel Screening

Percentage of people aged 60-74 screened for bowel cancer within 6 months of invitation (uptake)
2021/22



WE ARE NEWHAM.

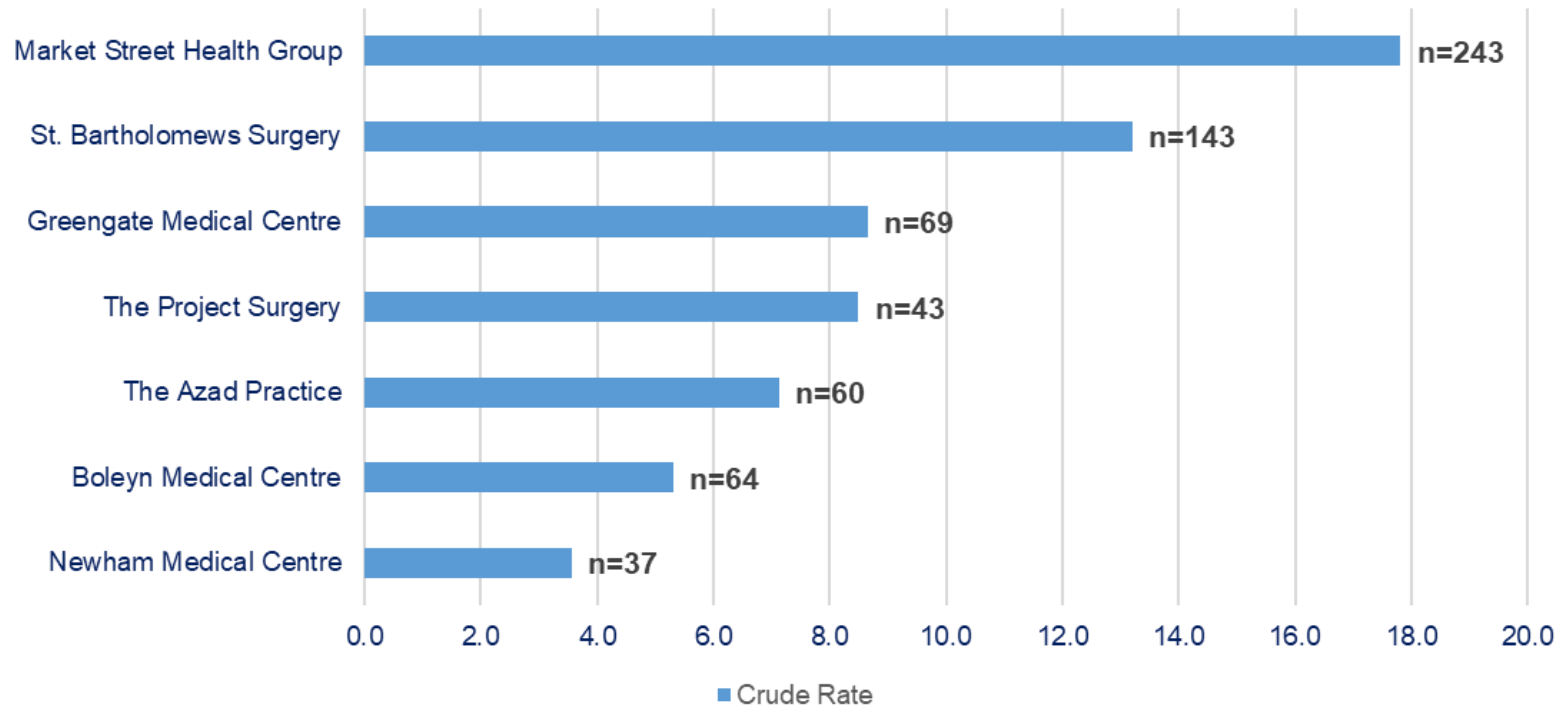
Data source: Quality and Outcomes Framework (QOF), NHS Digital via Fingertips, OHID

People at the Heart
of Everything We Do

[Back to contents](#)

Chronic obstructive pulmonary disease (COPD)

Rate of COPD by practice - Central 1 (n=453)



WE ARE NEWHAM.

People at the Heart
of Everything We Do

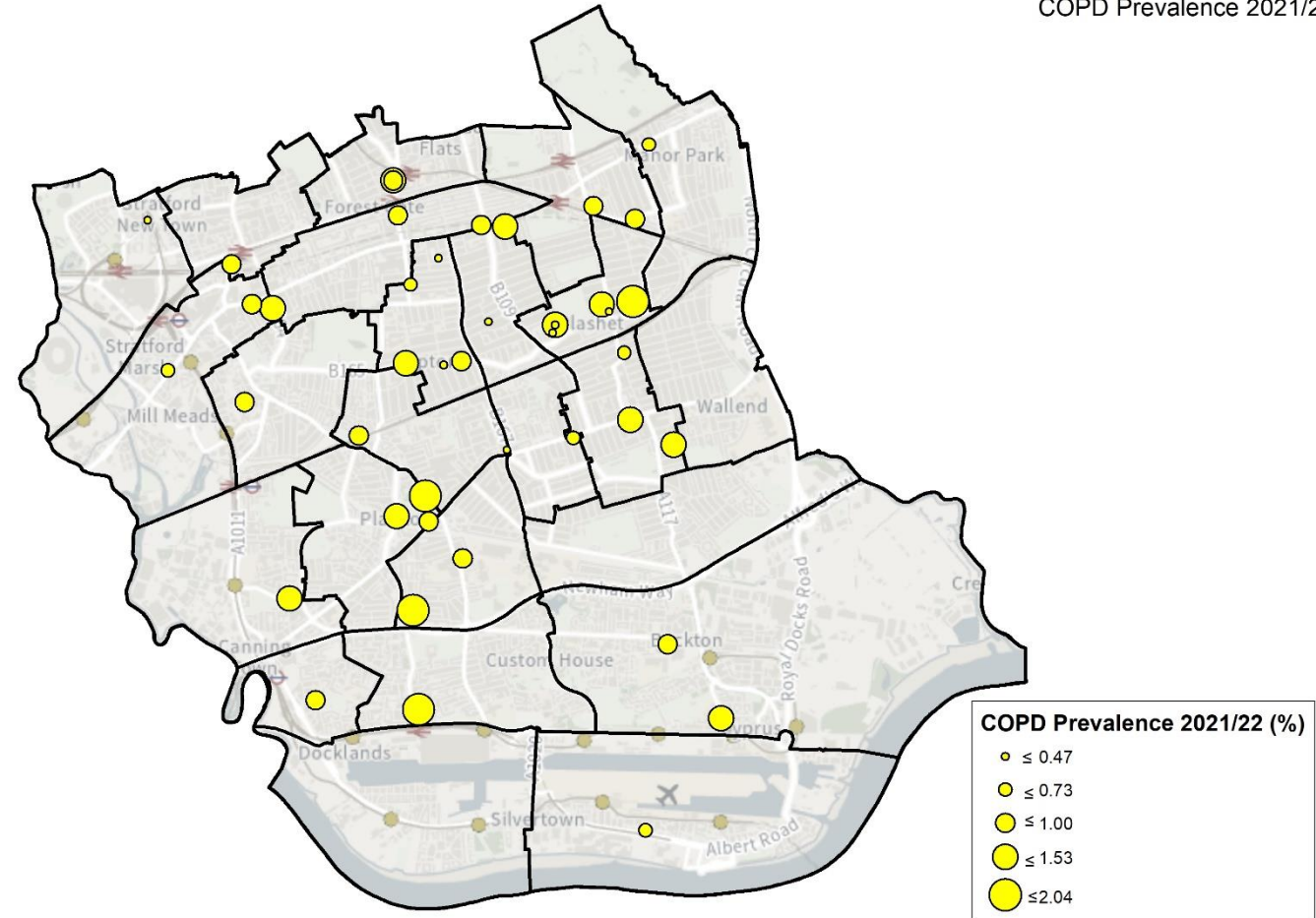
COPD prevalence

In Newham and Central 1
by GP practice

COPD Prevalence 2021/22

COPD prevalence (% , all ages) in 2021/22

GP practice	COPD prevalence (%)
Market Street Health Group	1.48
St Bartholomew Surgery	1.2
Greengate Medical Practice	0.92
The Project Surgery	0.77
The Azad Practice	0.65
Boleyn Medical Centre	0.51
Newham medical Centre	0.42



© Crown copyright and database rights Ordnance Survey number 2022 100019272

WE ARE NEWHAM.

Data source: OHID Fingertips

[Back to contents](#)

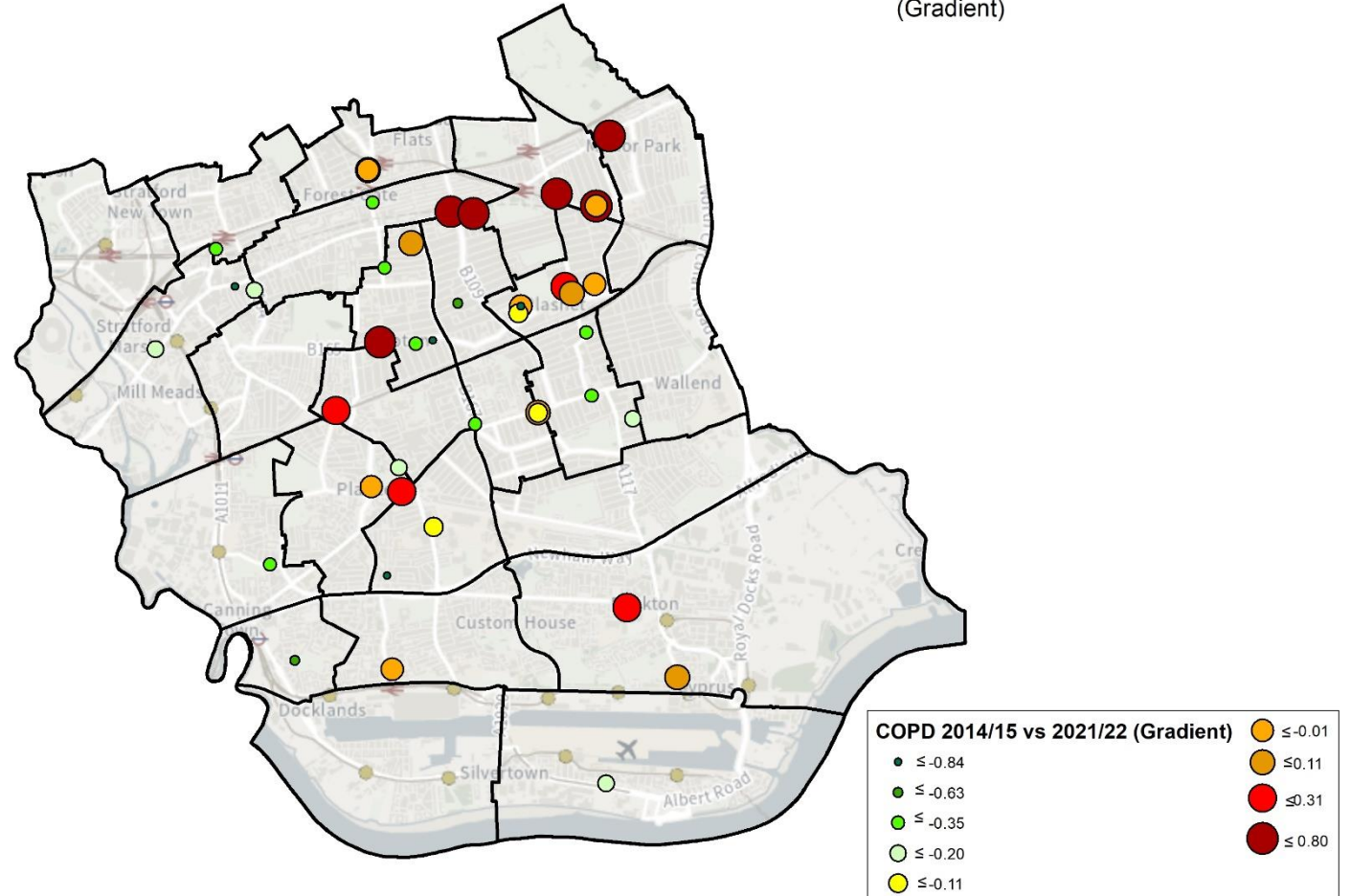
COPD prevalence - gradient change

In Newham and Central 1
by GP practice

COPD prevalence (% , all ages) 2015/16 vs. 2021/22
and gradient change

GP practice	2015/2016	2021/2022	Gradient change
Boleyn Medical Centre	0.6	0.5	-0.04
Greengate Medical Practice	0.8	0.9	0.08
Market Street Health Group	1.7	1.5	-0.17
Newham medical Centre	0.4	0.4	-0.01
St Bartholomew Surgery	1.4	1.2	-0.23
The Azad Practice	0.6	0.6	0.09
The Project Surgery	0.7	0.8	0.08

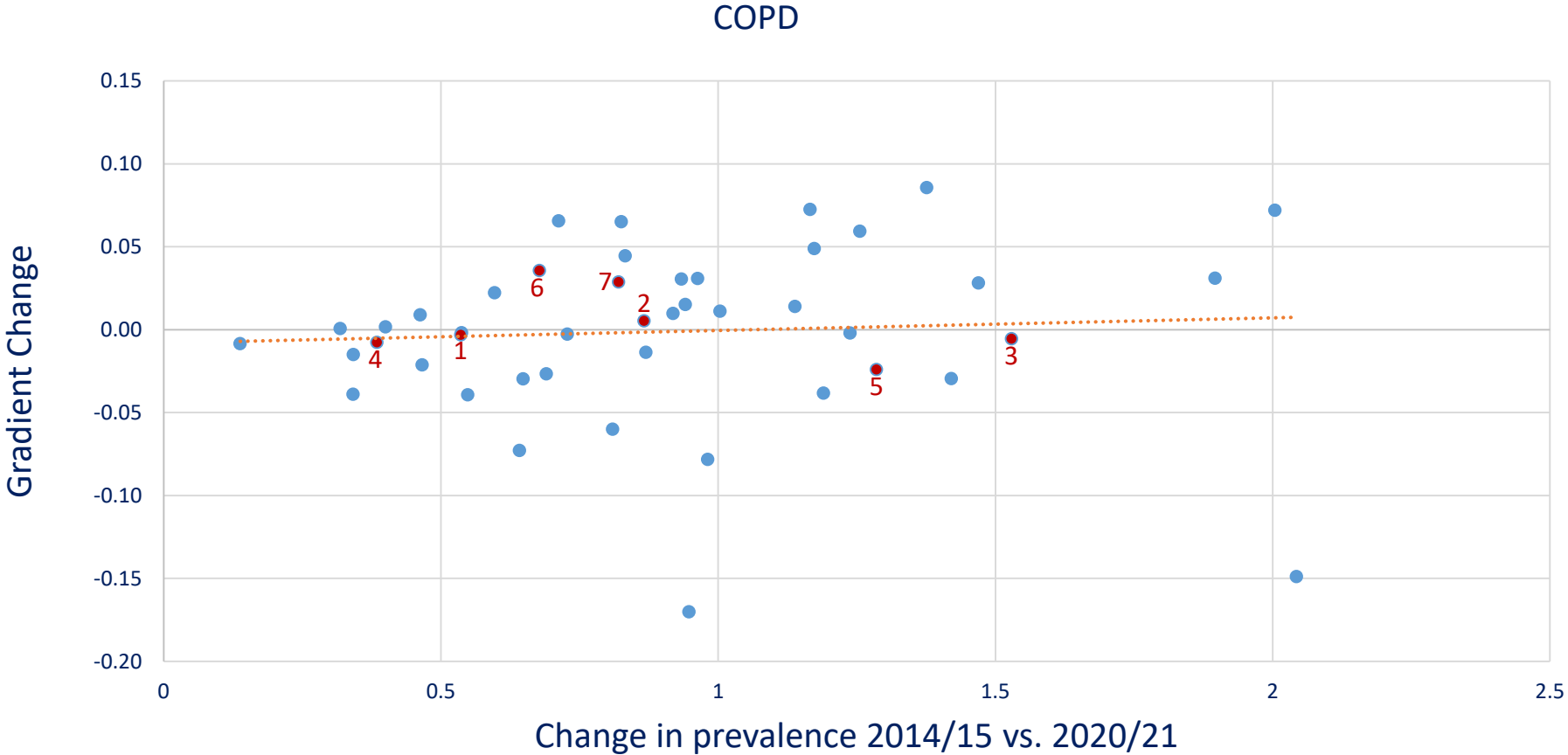
COPD 2014/15 vs. 2021/22 by GP Surgery
(Gradient)



© Crown copyright and database rights Ordnance Survey number 2022 100019272

WE ARE NEWHAM.

COPD prevalence and change in prevalence scatterplot Among all Newham GP practices



Key

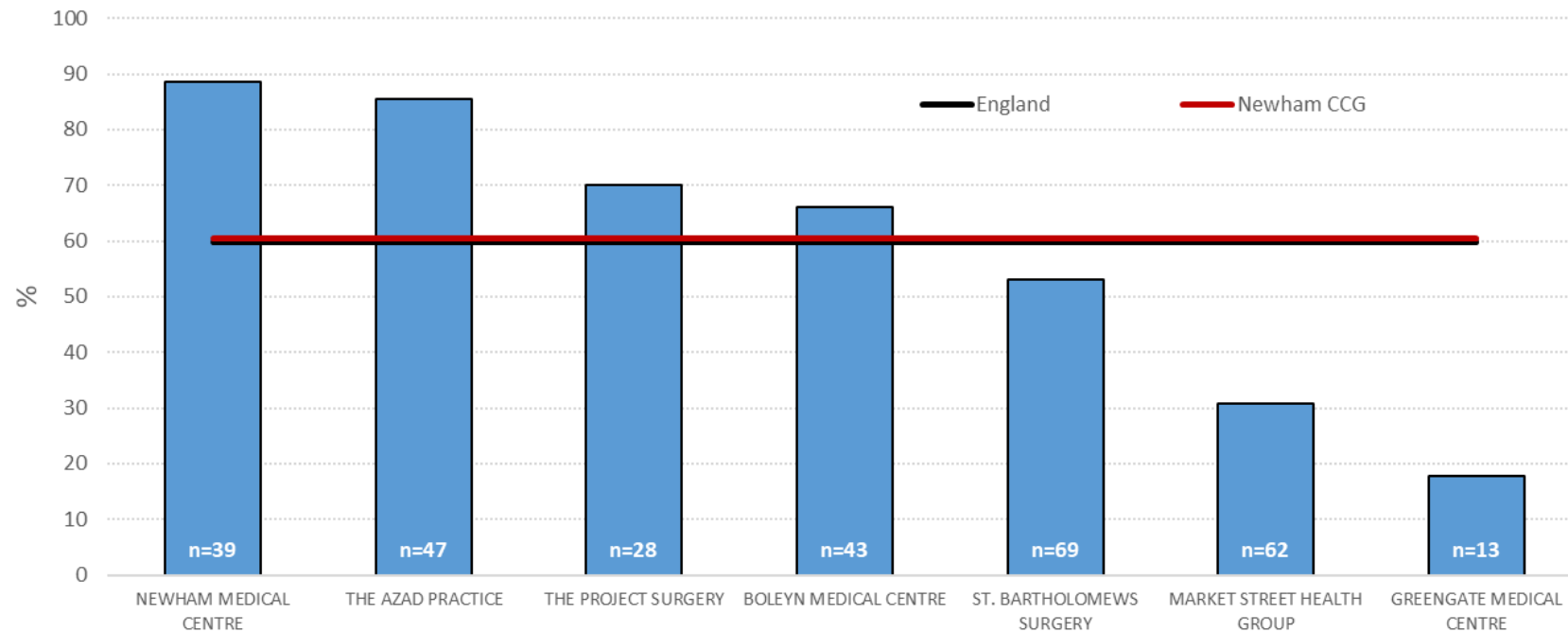
- 1 Boleyn Medical Centre
- 2 Greengate Medical Practice
- 3 Market Street Health Group
- 4 Newham Medical Centre
- 5 St Bartholomew Surgery
- 6 The Azad Practice
- 7 The Project Surgery

WE ARE NEWHAM.

People at the Heart
of Everything We Do

COPD: Patients who had a review in the last 12 months

Percentage of Patients with COPD who had a review in the last 12 months (2021/22)



WE ARE NEWHAM.

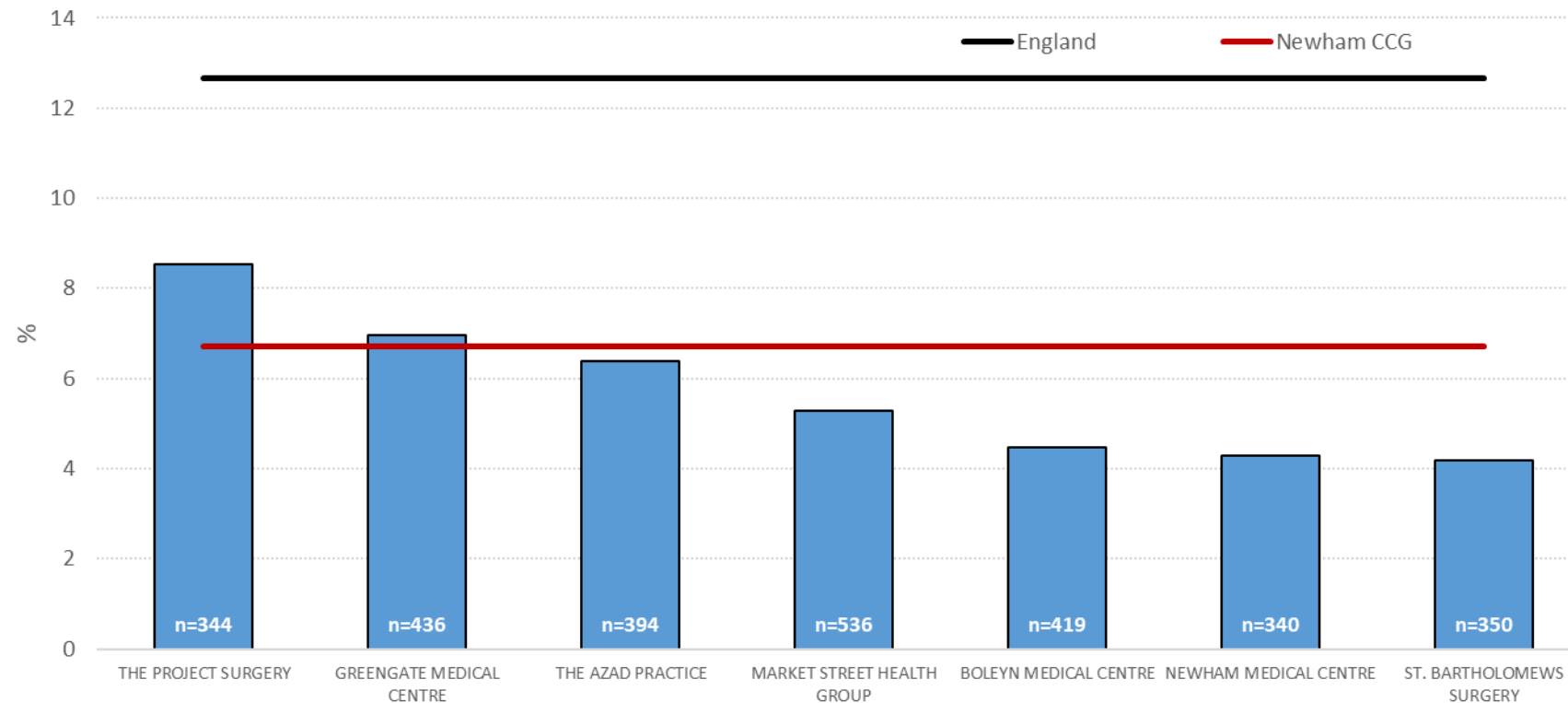
Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

People at the Heart
of Everything We Do

[Back to contents](#)

Mental health: Depression prevalence

Depression Prevalence (18+): 2021/22

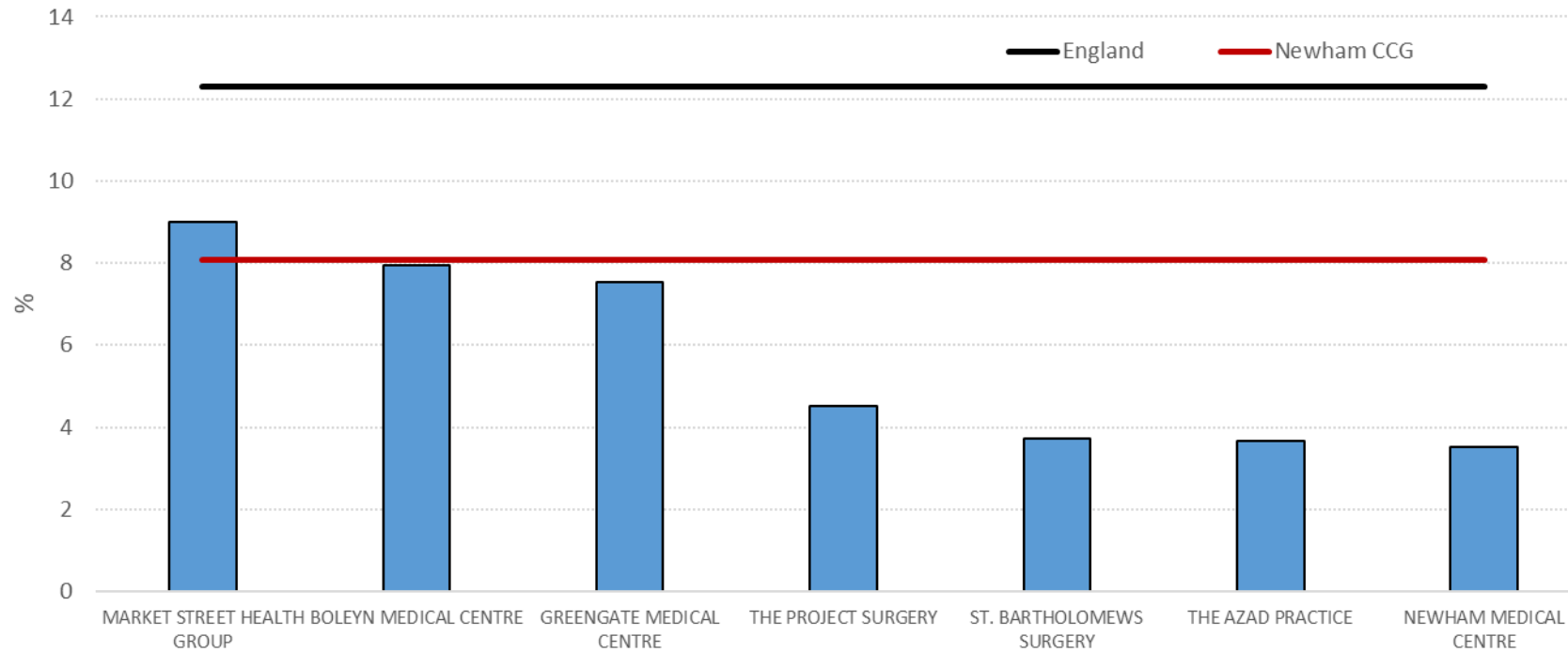


WE ARE NEWHAM.

People at the Heart
of Everything We Do

Mental health: Long term mental health problem

Prevalence (%) with long term mental health problem 2021/22

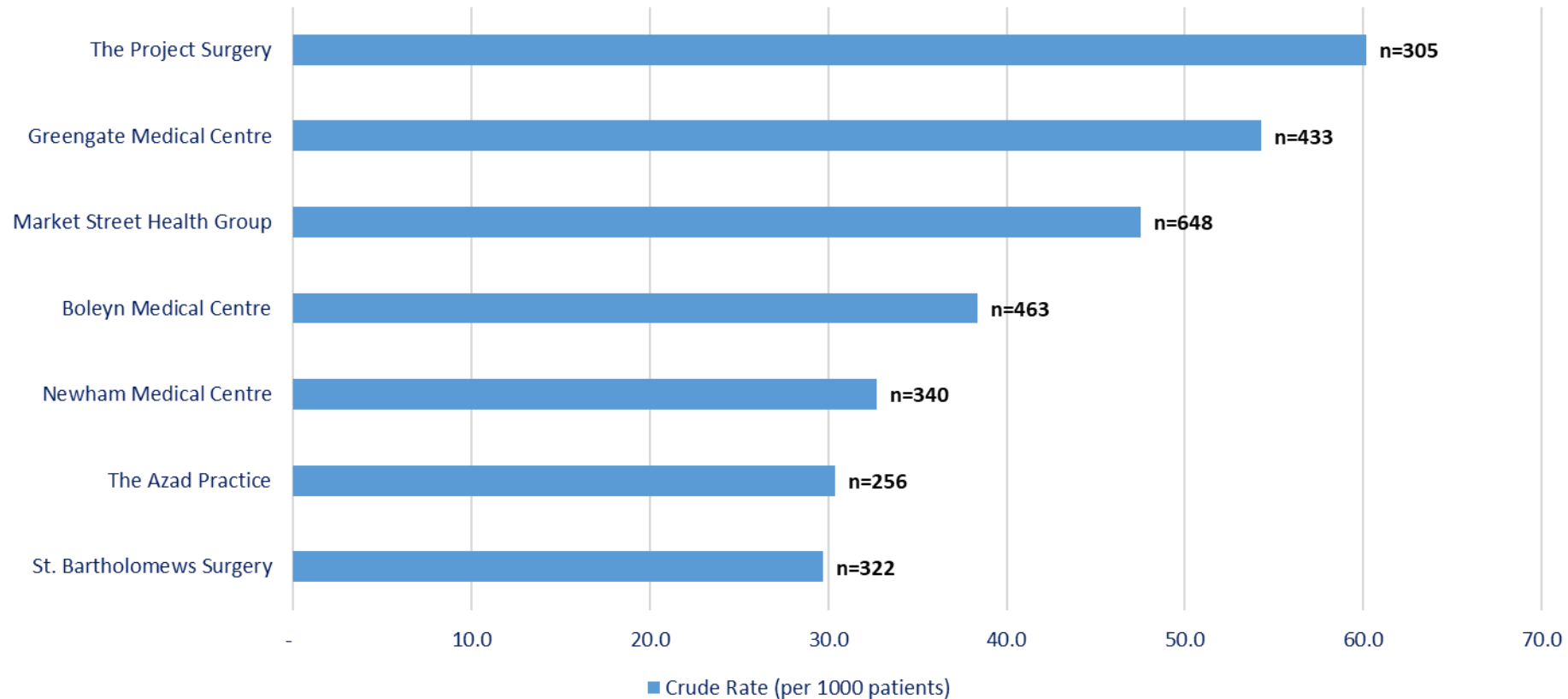


WE ARE NEWHAM.

**People at the Heart
of Everything We Do**

Chronic mental illness (CMI)

Rate of CMI by practice - Central 1 (n=2,767)

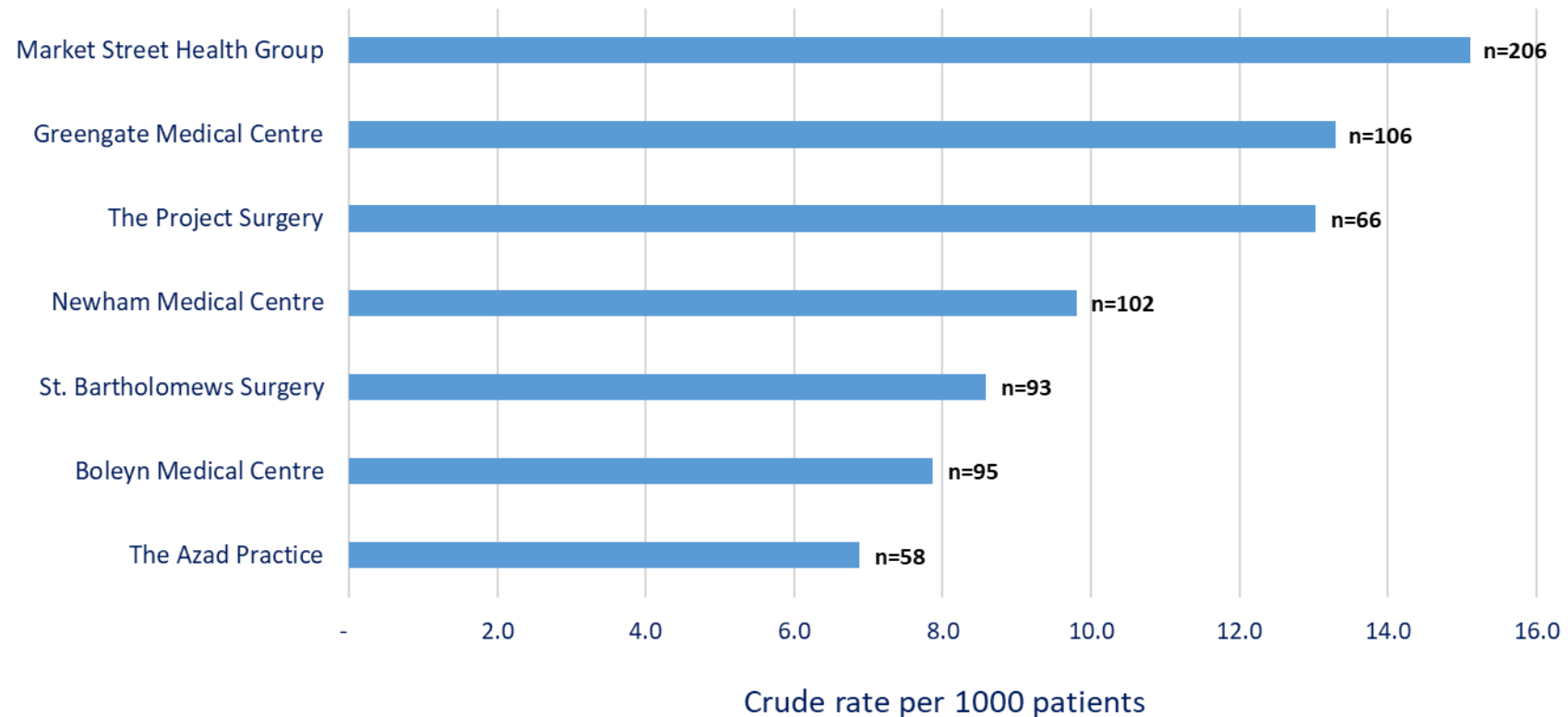


WE ARE NEWHAM.

People at the Heart
of Everything We Do

Serious mental illness (SMI)

Rate of SMI by by practice - Central 1



WE ARE NEWHAM.

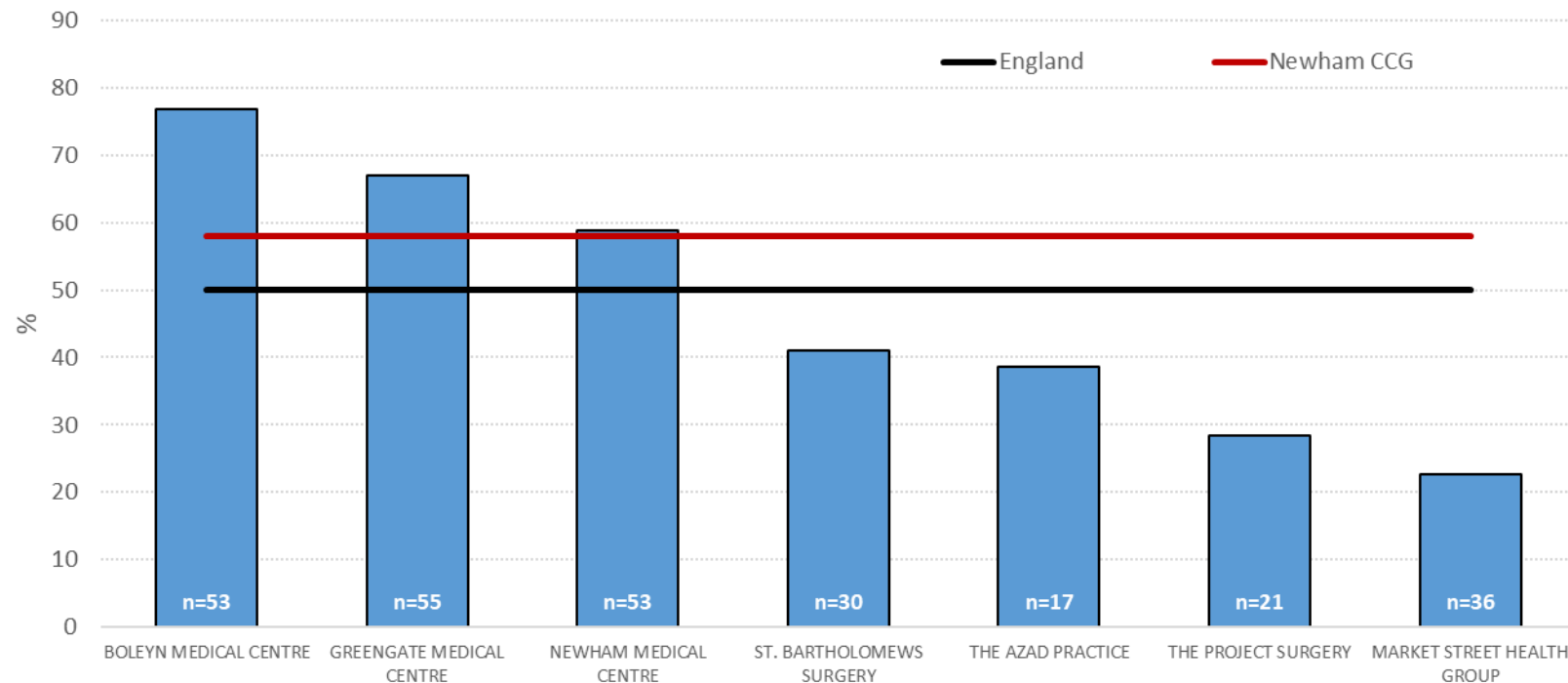
Data source: Clinical Effectiveness Group

People at the Heart
of Everything We Do

[Back to contents](#)

Mental health: Patients with severe mental issues having a comprehensive care plan

Patients with severe mental health issues having a comprehensive care plan (2021/22)

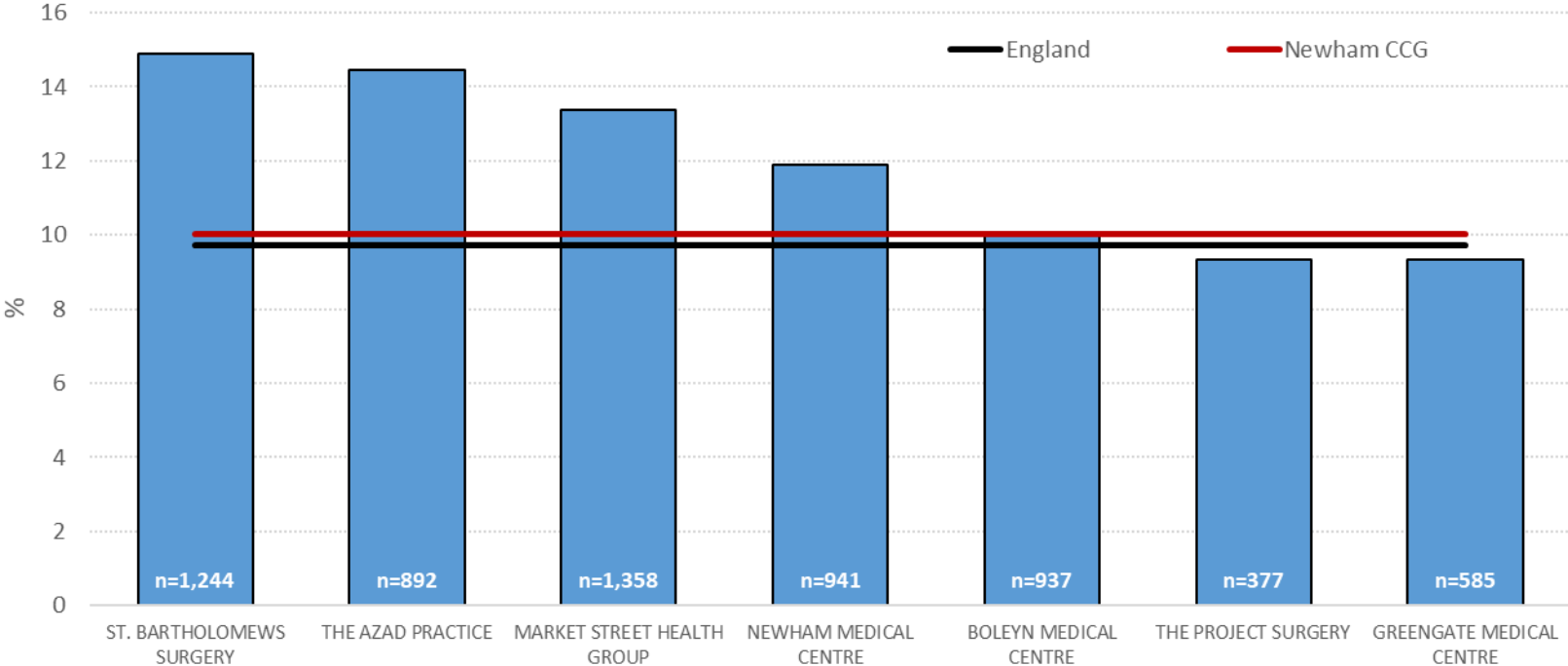


WE ARE NEWHAM.

People at the Heart
of Everything We Do

Obesity: Prevalence 18+

Obesity Prevalence (18+): 2021/22



WE ARE NEWHAM.

Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

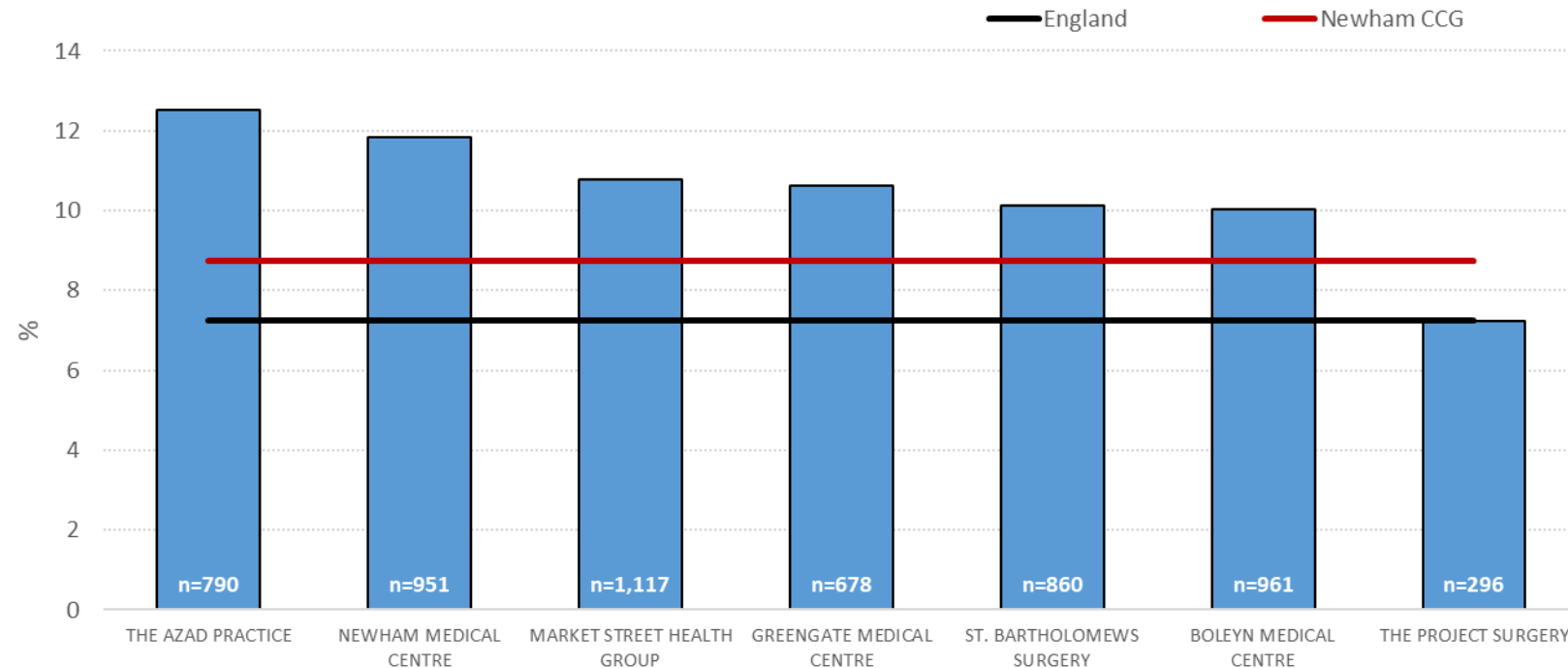
People at the Heart of Everything We Do

[Back to contents](#)

Diabetes prevalence – as of Nov 2021

(Type 1 and Type 2 diabetes mellitus)

Diabetes Prevalence (Type 1 & Type 2 diabetes mellitus): 2021/22



WE ARE NEWHAM.

People at the Heart
of Everything We Do

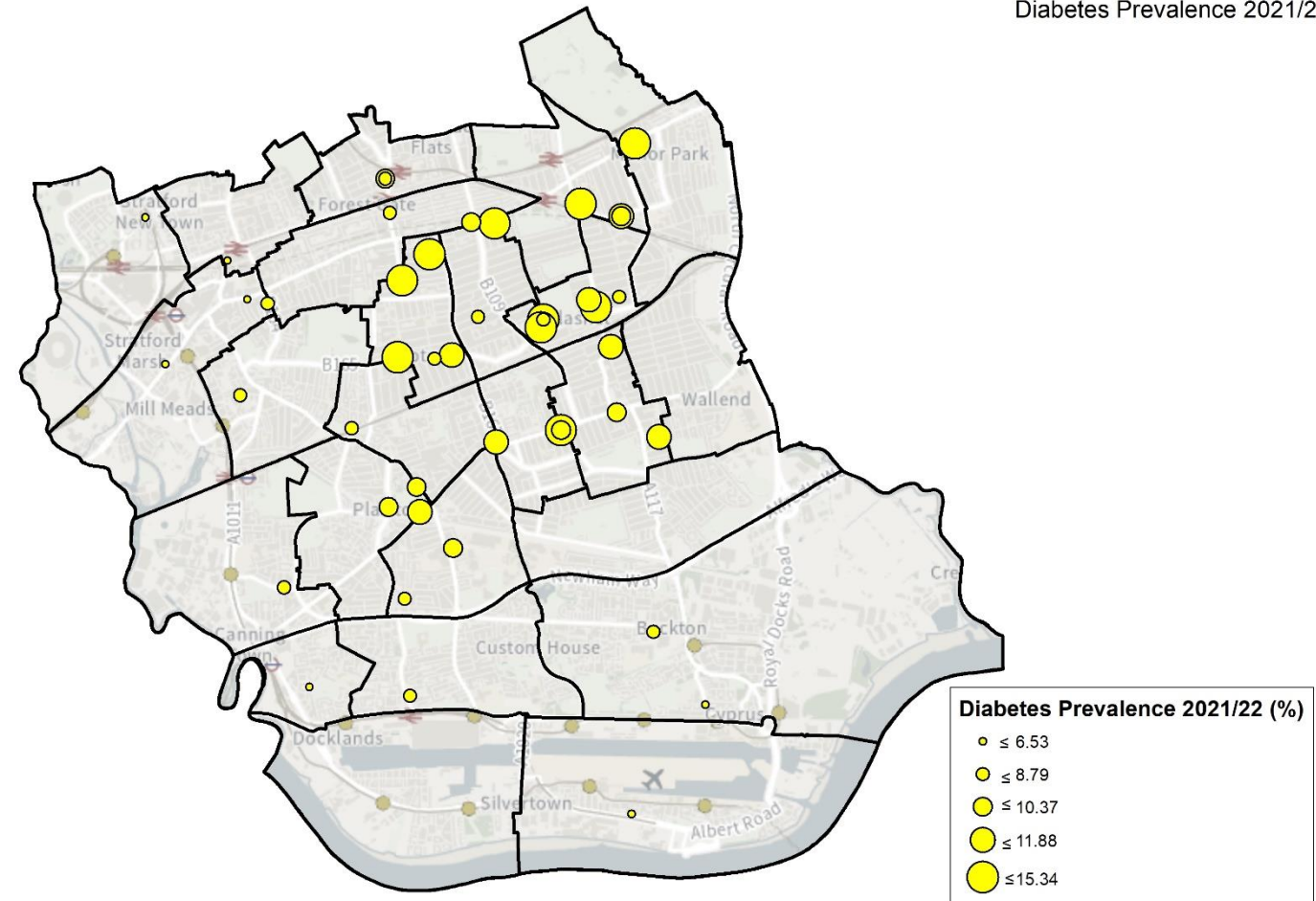
Diabetes prevalence

In Newham and Central 1
by GP practice

Diabetes prevalence (% all ages)
in 2021/22

Diabetes Prevalence 2021/22

GP practice	Diabetes prevalence (%)
The Azad Practice	12.5
Newham Medical Centre	11.8
Boleyn Medical Centre	10.0
Market Street Health Group	10.8
Greengate Medical Centre	10.6
St. Bartholomews Surgery	10.1
The Project Surgery	7.2



© Crown copyright and database rights Ordnance Survey number 2022 100019272

WE ARE NEWHAM.

Data source: OHID Fingertips

[Back to contents](#)

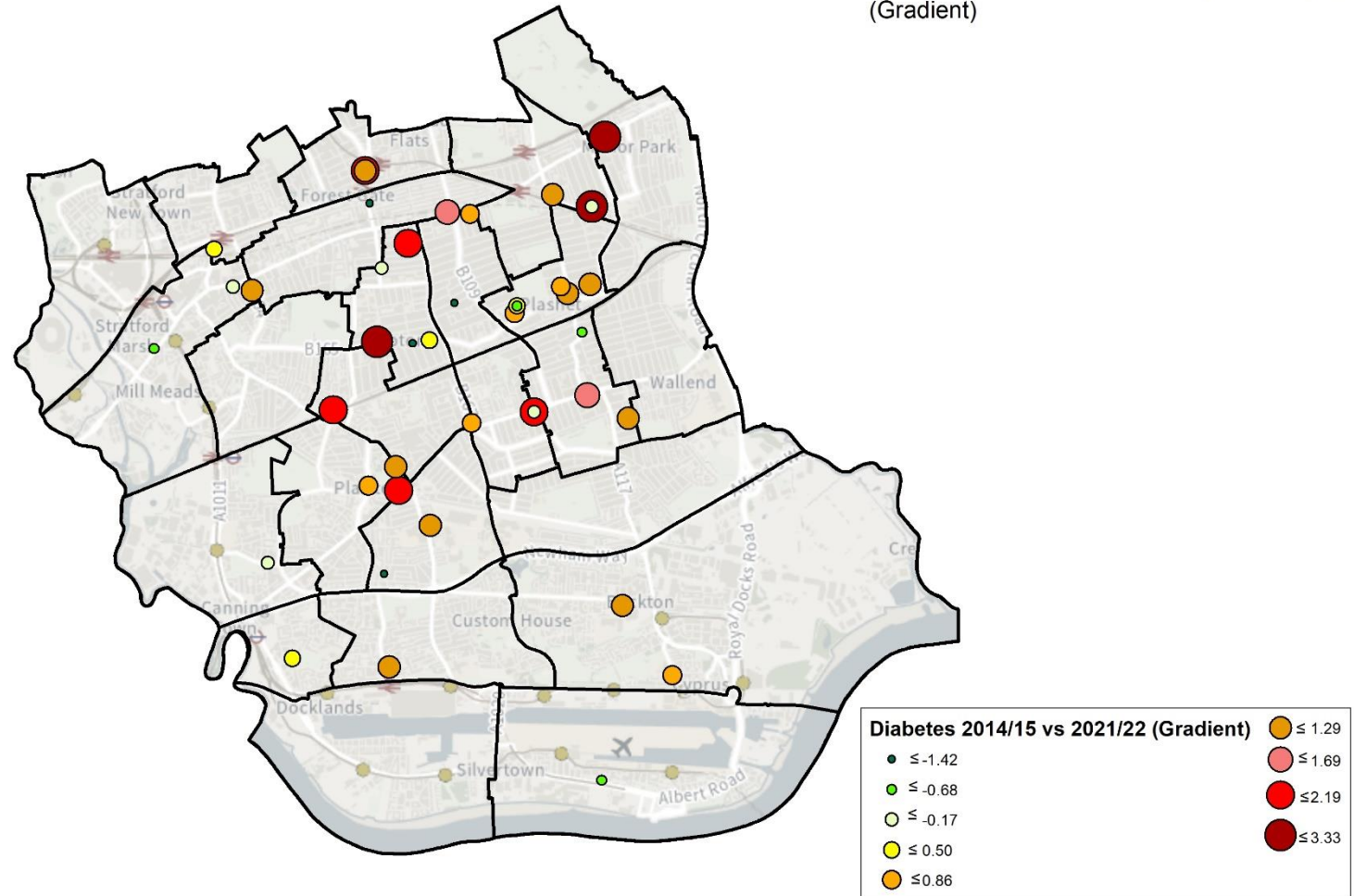
Diabetes prevalence - gradient change

In Newham and Central 1
by GP practice

Diabetes prevalence (% , all ages) 2015/16 vs.
2021/22 and gradient change

GP practice	2015/2016	2021/2022	Gradient change
Boleyn Medical Centre	10.2	10.0	-0.17
Greengate Medical Practice	8.7	10.6	1.88
Market Street Health Group	9.6	10.8	1.22
Newham medical Centre	11.1	11.8	0.77
St Bartholomew Surgery	8.6	10.1	1.55
The Azad Practice	10.3	12.5	2.20
The Project Surgery	5.1	7.2	2.07

Diabetes 2014/15 vs. 2021/22 by GP Surgery
(Gradient)



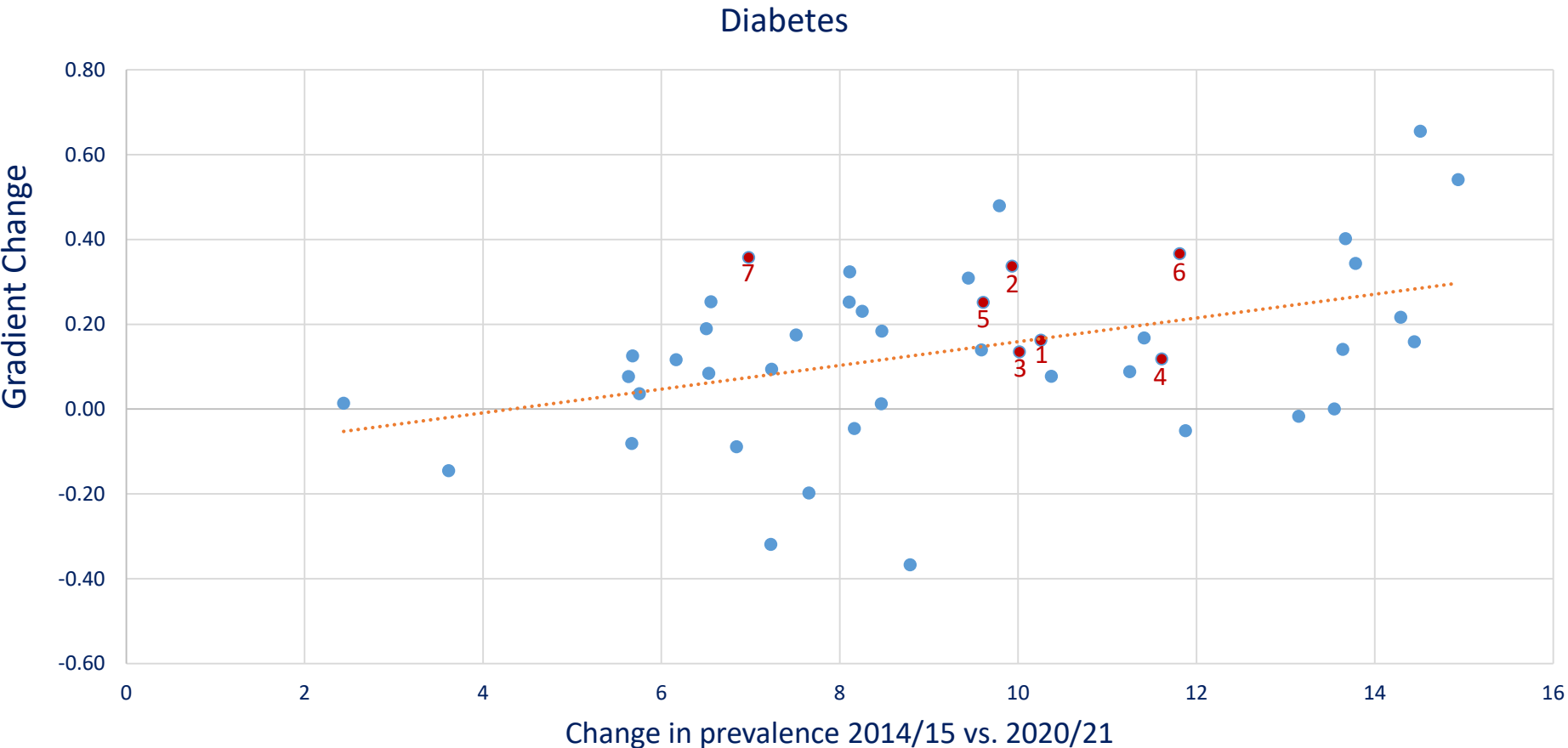
© Crown copyright and database rights Ordnance Survey number 2022 100019272

WE ARE NEWHAM.

Data source: OHID Fingertips

[Back to contents](#)

Diabetes prevalence and change in prevalence scatterplot Among all Newham GP practices



Key

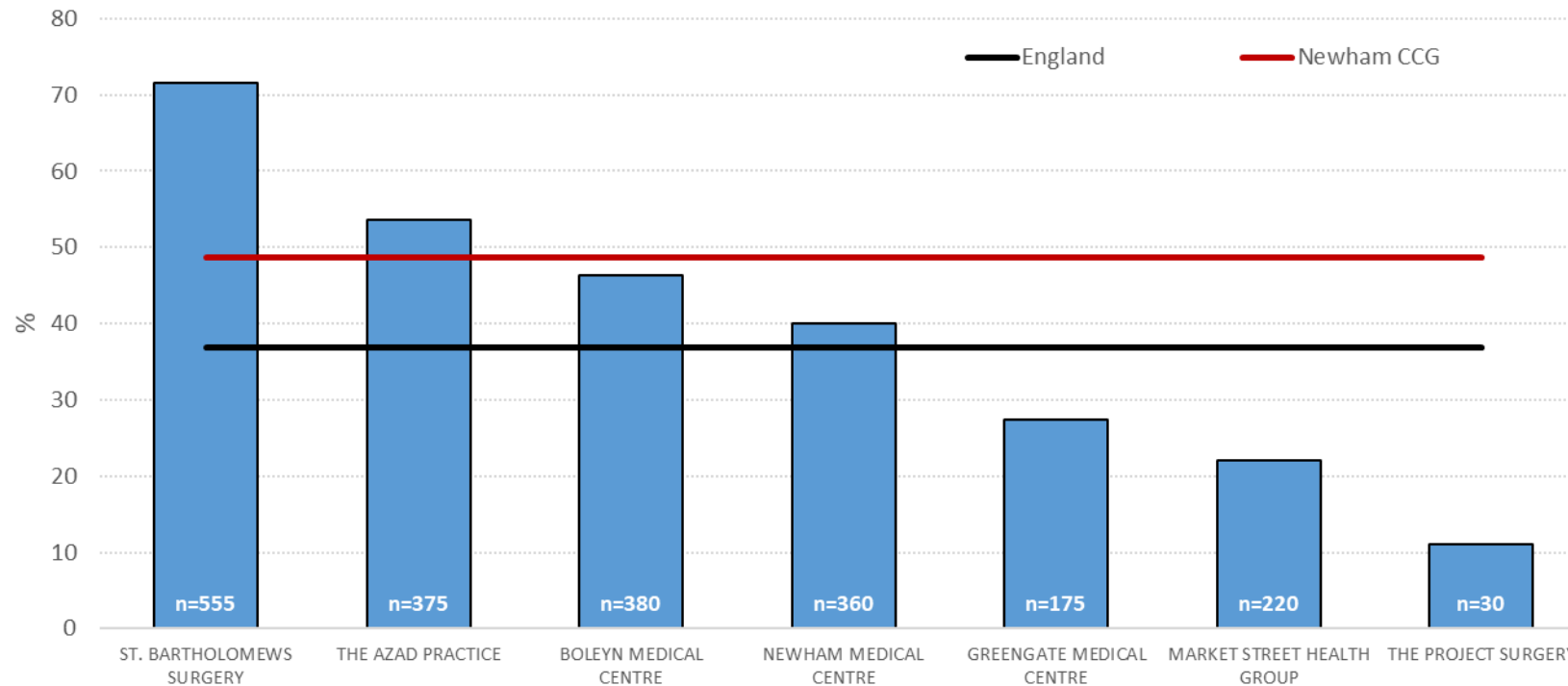
- 1 Boleyn Medical Centre
- 2 Greengate Medical Practice
- 3 Market Street Health Group
- 4 Newham Medical Centre
- 5 St Bartholomew Surgery
- 6 The Azad Practice
- 7 The Project Surgery

WE ARE NEWHAM.

People at the Heart
of Everything We Do

Diabetes: Type 2 diabetic patients who have 8 recorded care processes

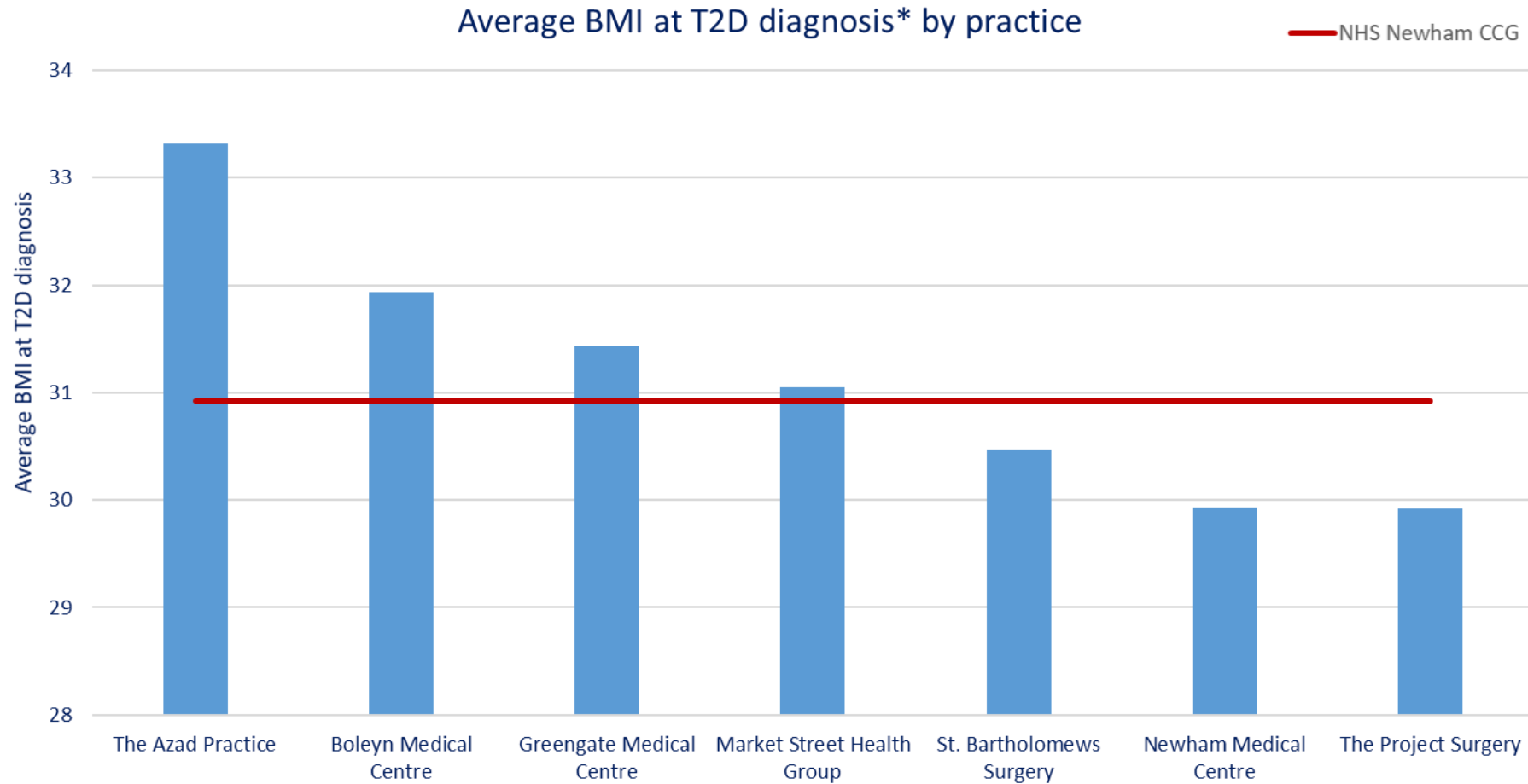
Type 2 diabetic patients who have 8 recorded care processes 2021/22



WE ARE NEWHAM.

People at the Heart
of Everything We Do

Diabetes: Type 2 diabetic patients: Average Body Mass Index (BMI) at diagnosis*



WE ARE NEWHAM.

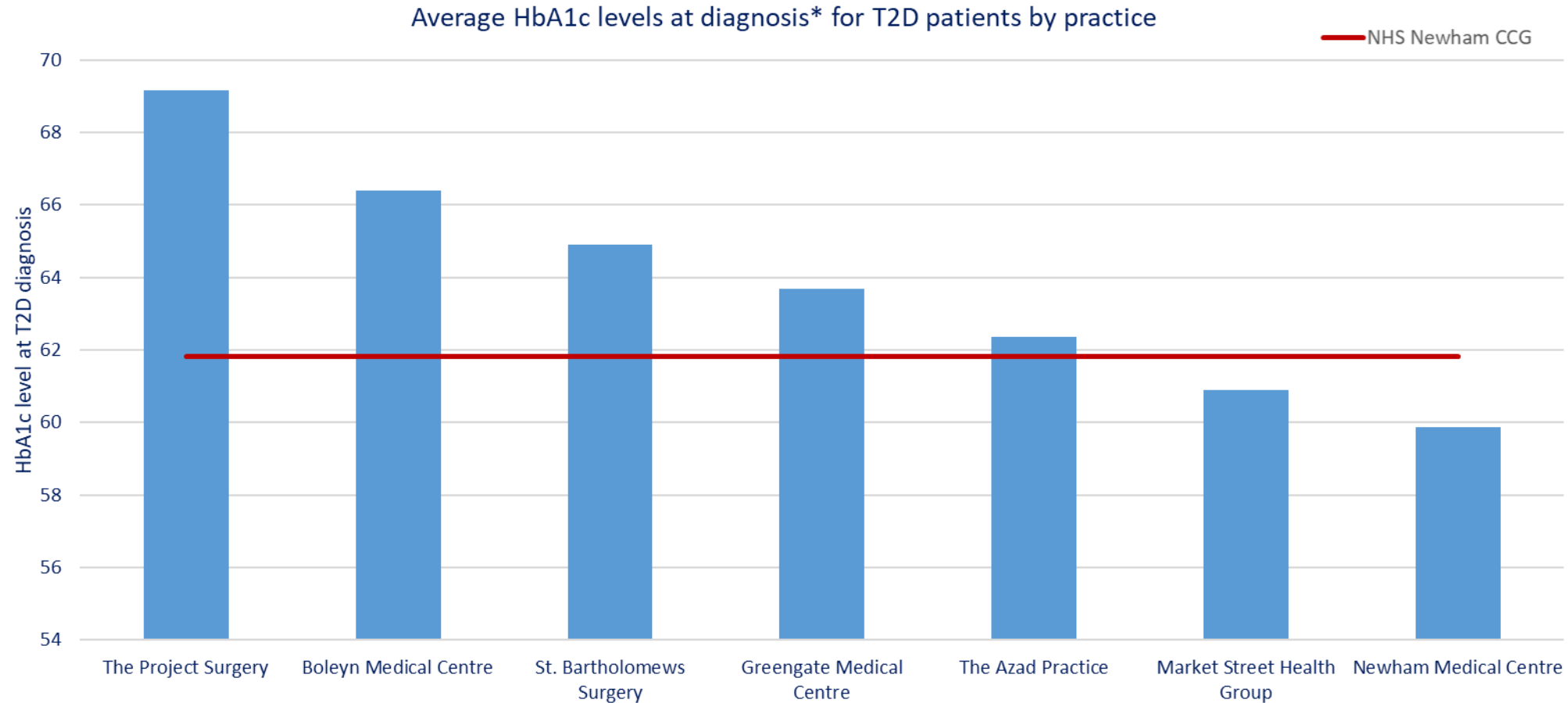
*Diagnosis refers to value taken between 3 months before to 2 months after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

People at the Heart
of Everything We Do

[Back to contents](#)

Diabetes: Type 2 diabetic patients: Average HbA1c levels at diagnosis*



WE ARE NEWHAM.

*Diagnosis refers to value taken between 3 months before to 14 days after T2D diagnosis

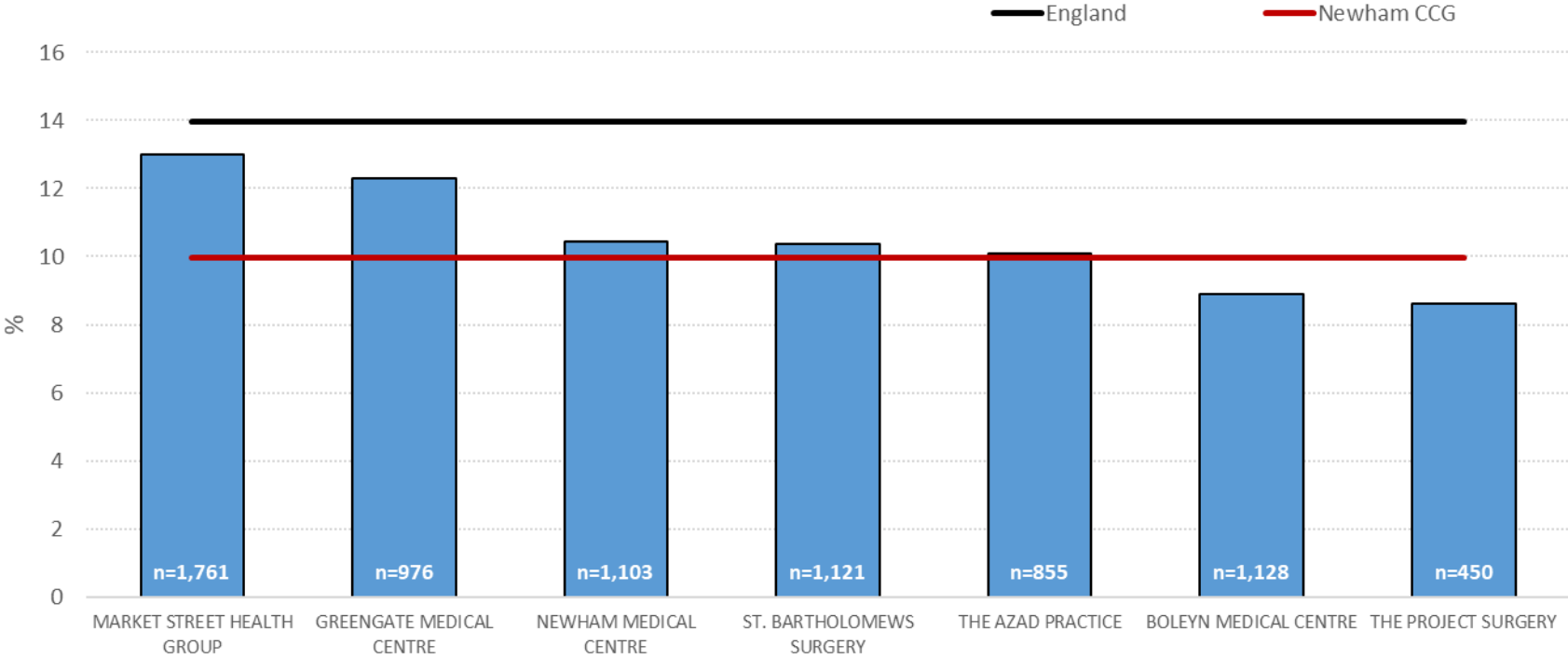
Data source: Clinical Effectiveness Group (CEG)

People at the Heart
of Everything We Do

[Back to contents](#)

Hypertension: Prevalence

Hypertension Prevalence 2021/22



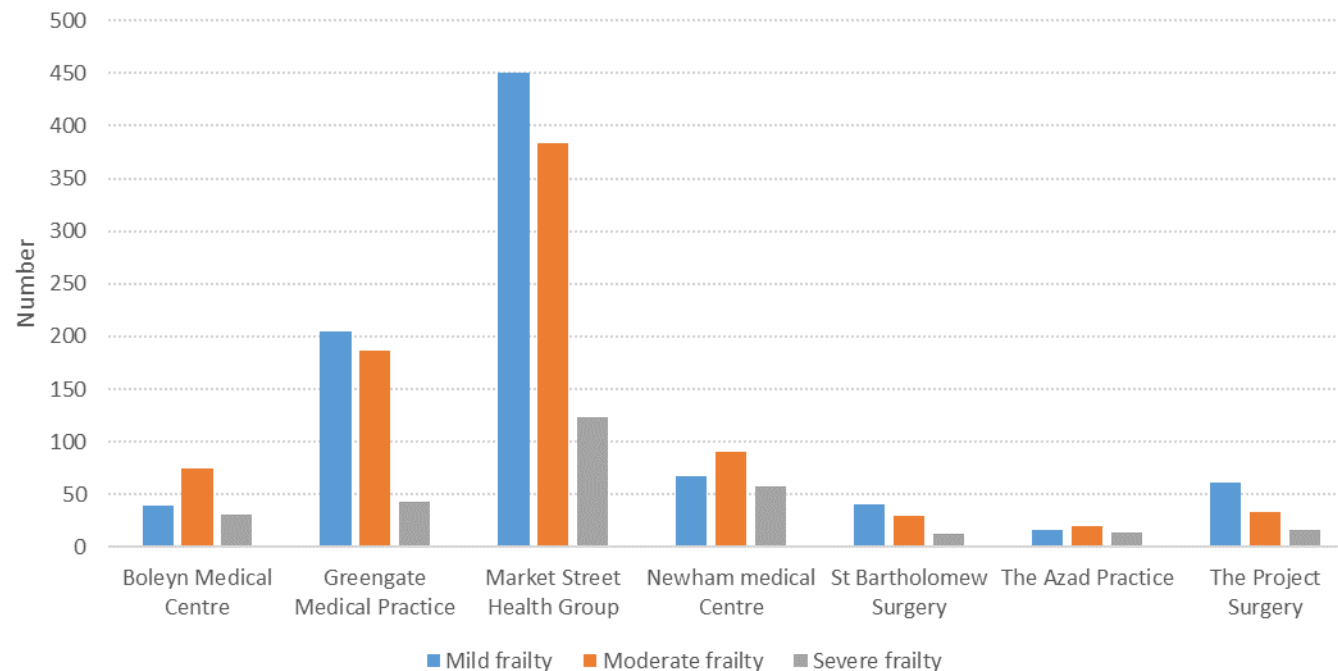
WE ARE NEWHAM.

Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

People at the Heart of Everything We Do

[Back to contents](#)

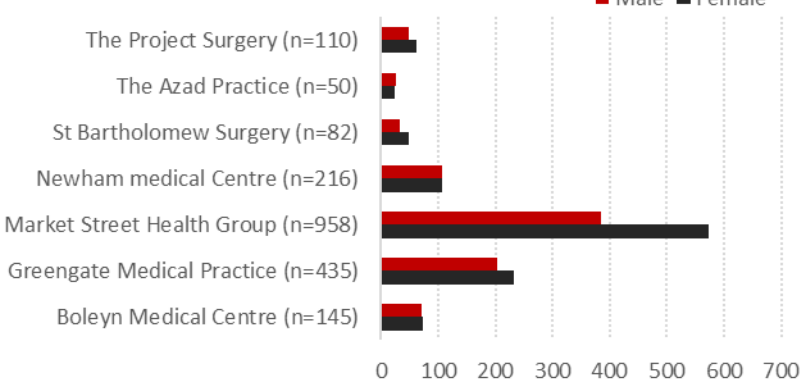
Patients 65+ with recorded frailty score by GP Practice



- The data is a snapshot as at 1st April 2020
- Patients in this data are those with a frailty score recorded between 2016-2020
 - Score 0 to 0.12 represents patients without frailty
 - >0.12 to 0.24 represents patients with mild frailty
 - >0.24 to 0.36 represents patients with moderate frailty
 - >0.36 represents patients with severe frailty

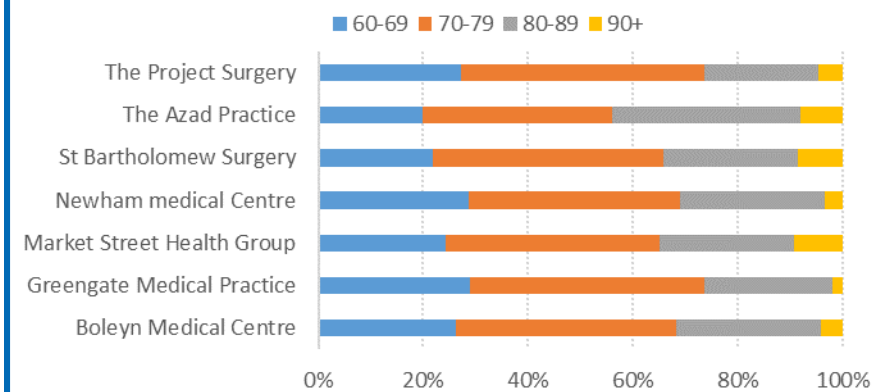
Frailty by ethnicity and age

Patients aged 65+ with mild, moderate or severe frailty by gender

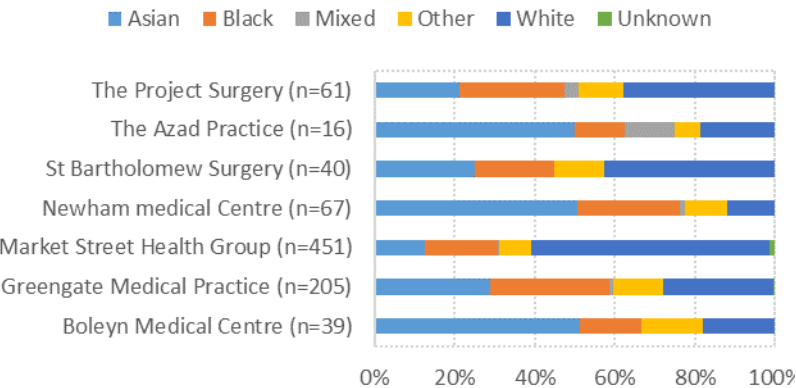


- The data is a snapshot as at 1st April 2020
- Females account for the highest proportion at 56% compared to 44% males
- Data by age band shows the highest proportion to be in the 70-79 age band for all practices
- The graphs below show a split by Practice and ethnicity for mild, moderate and severe frailty scores

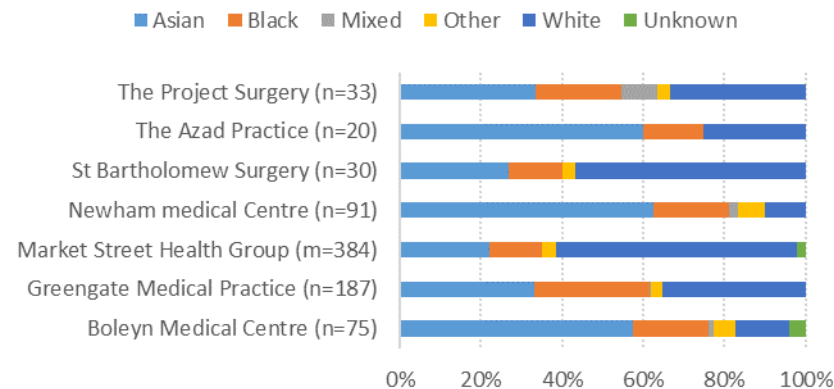
Patients aged 65+ with mild, moderate or severe frailty by gender



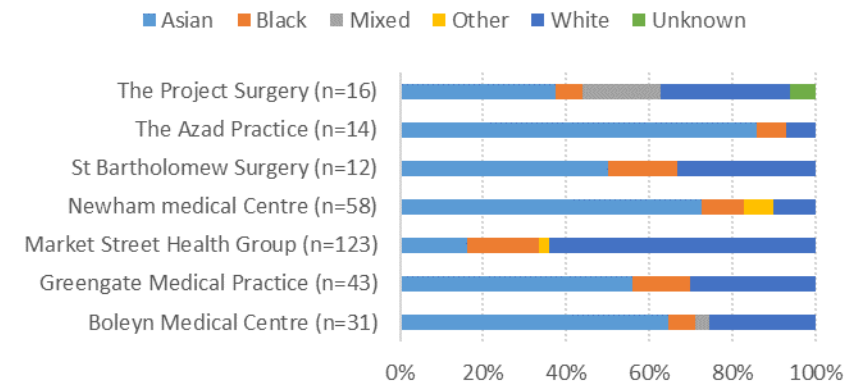
Mild frailty aged 65+ by practice and ethnic group



Moderate frailty aged 65+ by practice and ethnic group

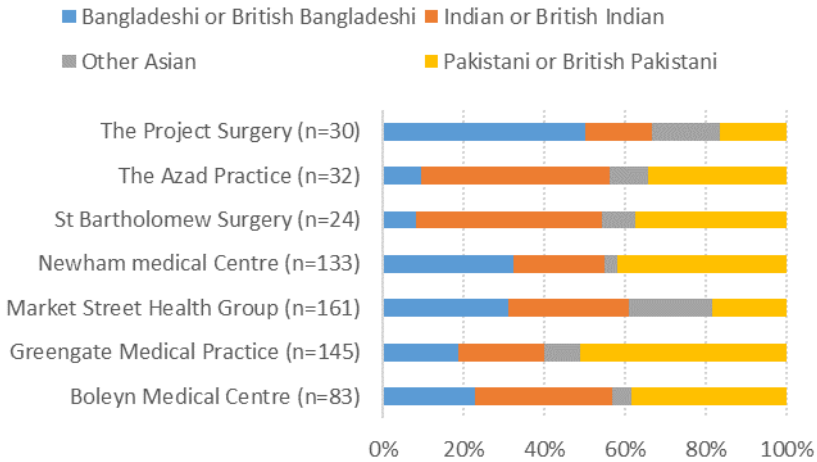


Severe frailty aged 65+ by practice and ethnic group

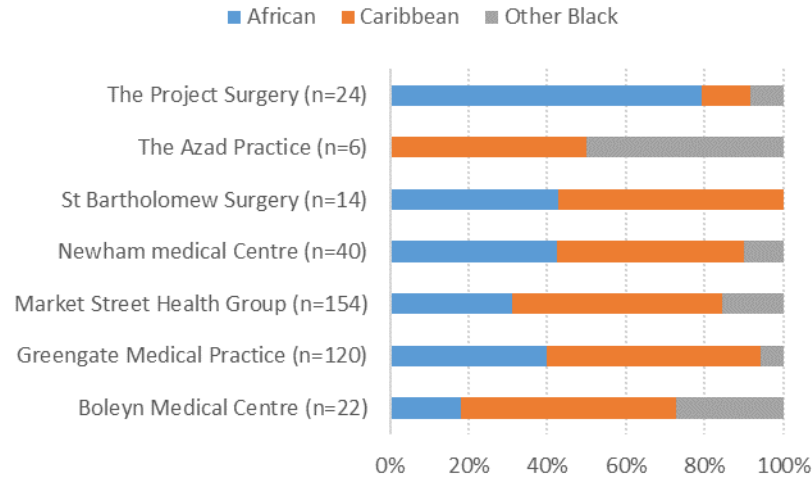


Frailty showing detailed ethnicity

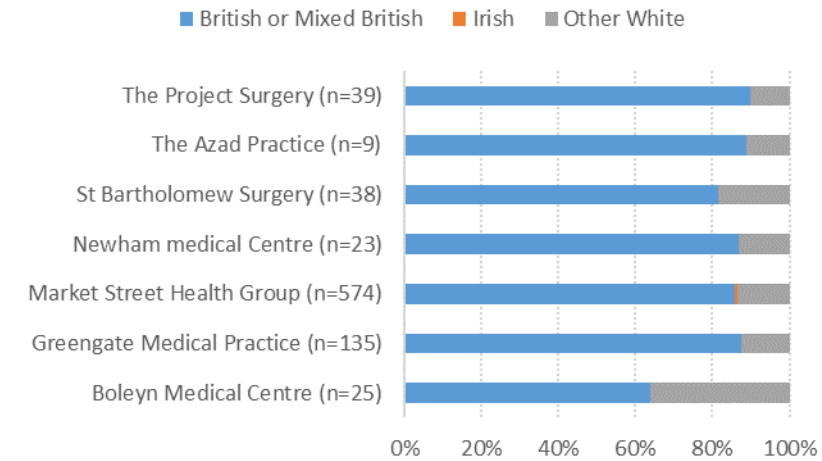
Proportion of Asian ethnicities by GP Practice



Proportion of Black ethnicities by GP Practice



Proportion of White ethnicities by GP Practice

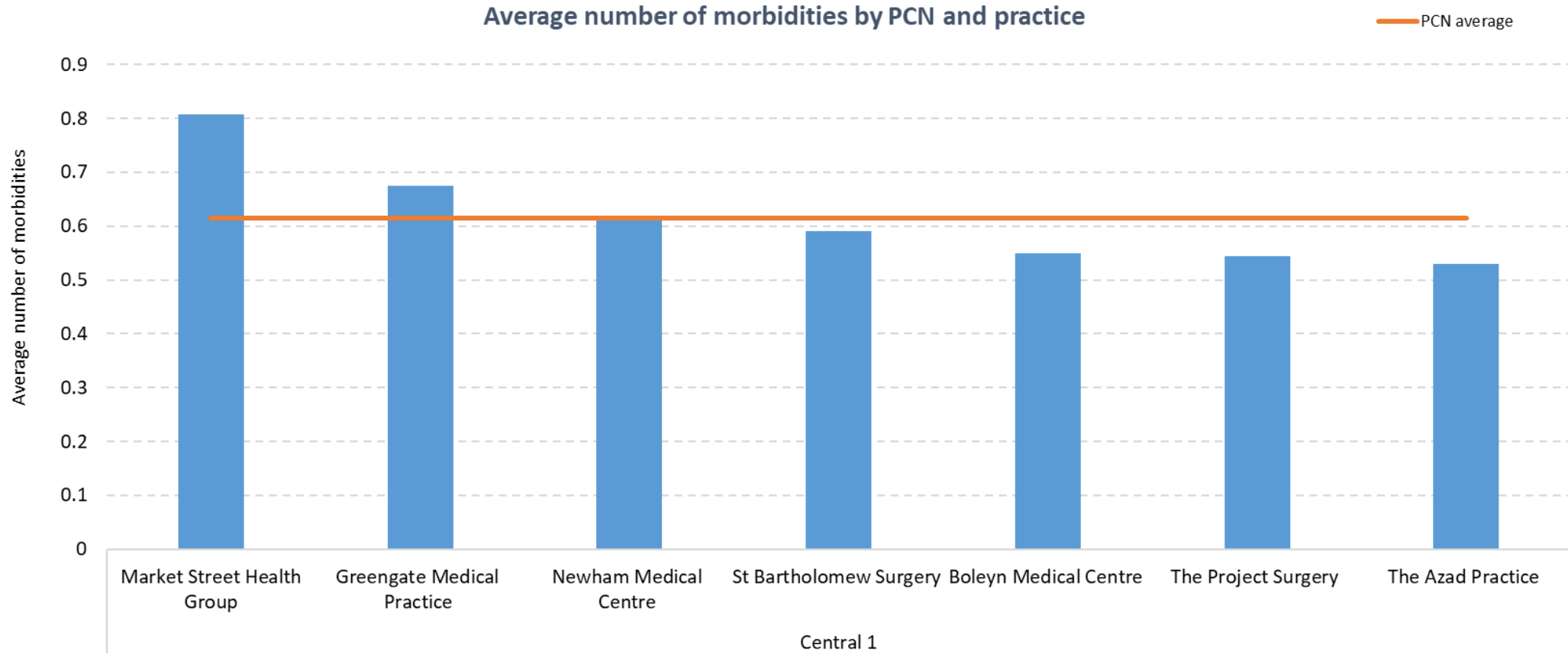


- Asian ethnicities make up 30% of all Central 1 PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the Asian ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all Asian ethnicities are shown for each practice

- Black ethnicities make up 19% of all Central 1 PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the Black ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all Black ethnicities are shown for each practice

- White ethnicities make up 42.2% of all Central 1 PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the White ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all White ethnicities are shown for each practice

Multi-morbidity: Average number by practice



WE ARE NEWHAM.

Data source: Clinical Effectiveness Group – ELDB (2021)

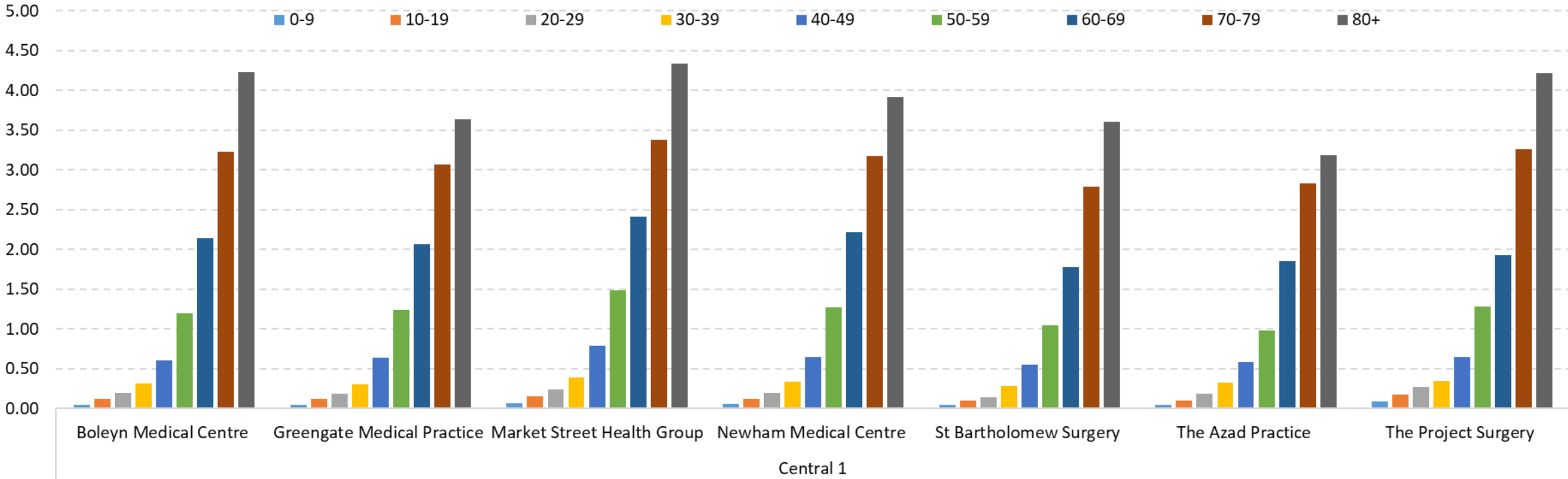
People at the Heart
of Everything We Do

[Back to contents](#)

Multi-morbidity: Average number by practice and age



Average number of morbidities by practice and age band



WE ARE NEWHAM.

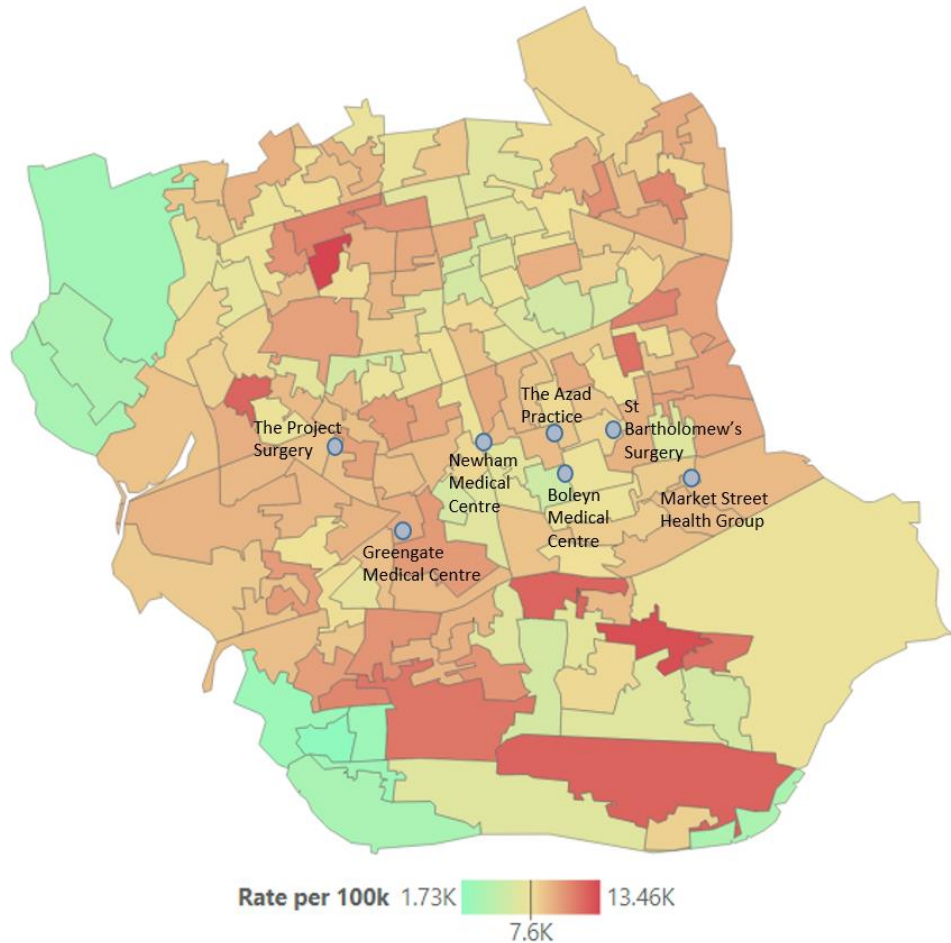
Data source: Clinical Effectiveness Group – ELDB (2021)

People at the Heart of Everything We Do

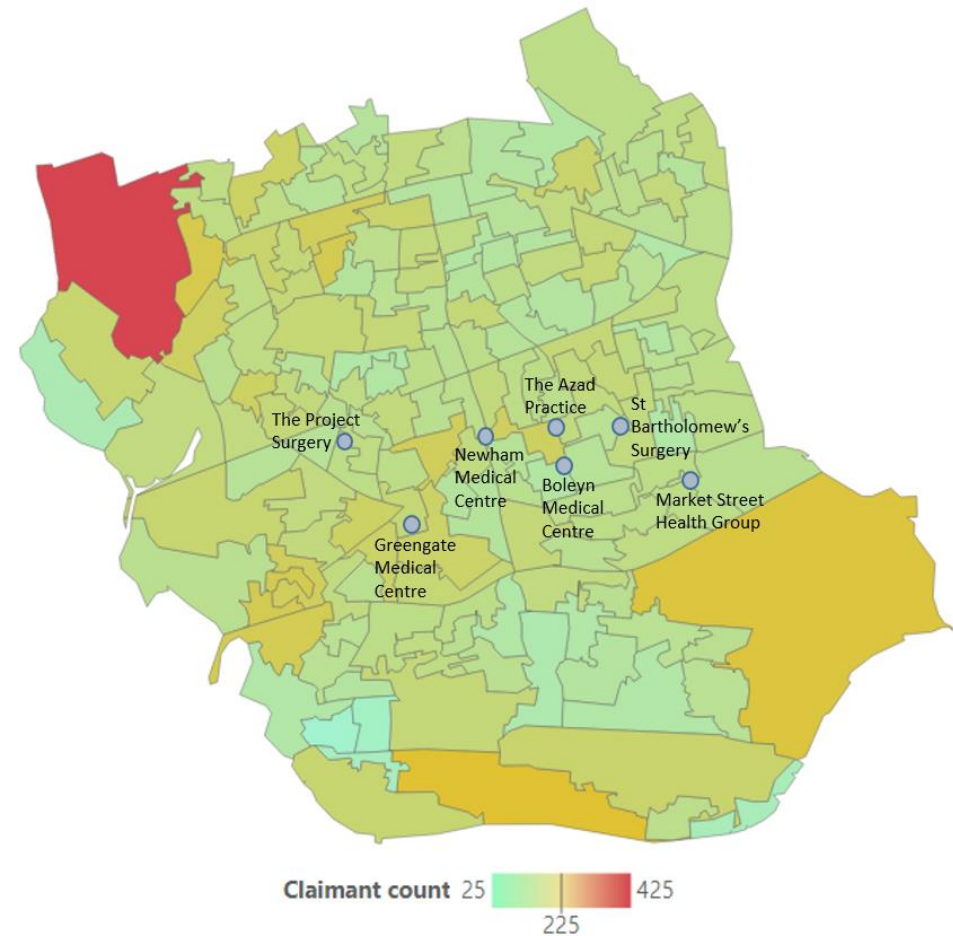
[Back to contents](#)

Unemployment

Claimant count crude rate per 100k by LSOA February 2022

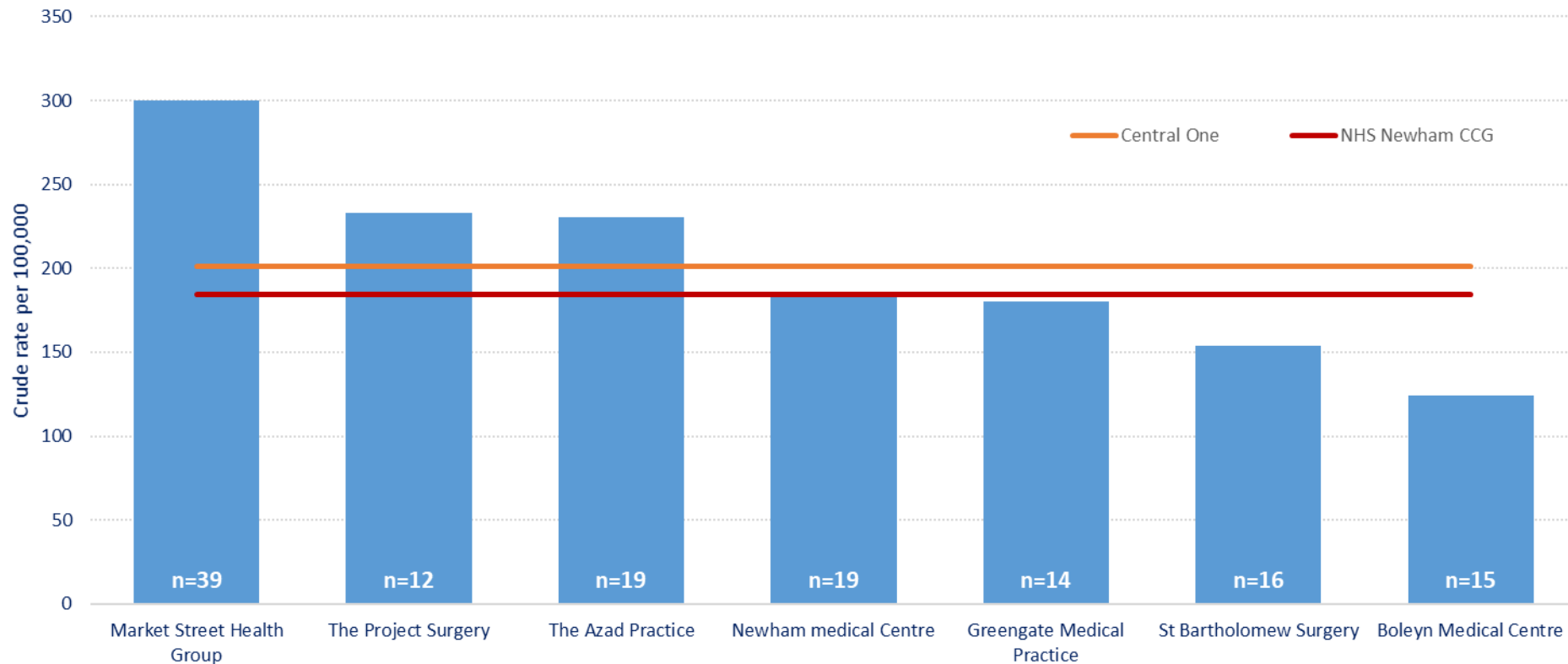


Total number of claimants by LSOA February 2022



Mortality: Premature deaths (<75 years)

Premature mortality rates: Deaths in 2021 - population under 75 years



WE ARE NEWHAM.

Data source: Primary Care Mortality Data, NHS Digital

People at the Heart
of Everything We Do

[Back to contents](#)

Newham Public Health Team
Central 1 PCN Profile
May 2023