

Central PCN Profile

Prepared by Newham Public Health Intelligence Team

May 2023

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Summary

- Female and male life expectancy in Central PCN are **similar** to the Newham average.
- There is a **similar rate** of premature mortality in Central PCN when compared to the Newham average.
- For Central PCN, child immunisation uptake (at 1, 2, & 5 years) is **similar** to or **above** the Newham average.
- There is a **lower** prevalence of coronary heart disease and stroke for Central patients when compared to the Newham average.
 - However, the percentage of heart failure patients with a review is **below** the Newham average (6.5 percentage points).
- For Central PCN, the prevalence of cancer and rate of emergency admissions (for cancer) is **below** the Newham average.
- Cancer two week wait referrals for Central patients are **similar** to the Newham average, whilst the detection and conversion rate of cancer for Central patients is **below** the Newham average.
- For Central PCN, the prevalence of depression and long term mental illness is **above** the Newham average.
- For Central PCN, obesity prevalence is **above** the Newham average, however the prevalence of diabetes is **below** the Newham average (1.1 percentage points).
- Average HbA1c levels at the point of diabetes diagnosis is **above** the Newham average for Central PCN patients (2 percentage points).

Key:

Worse than the Newham average

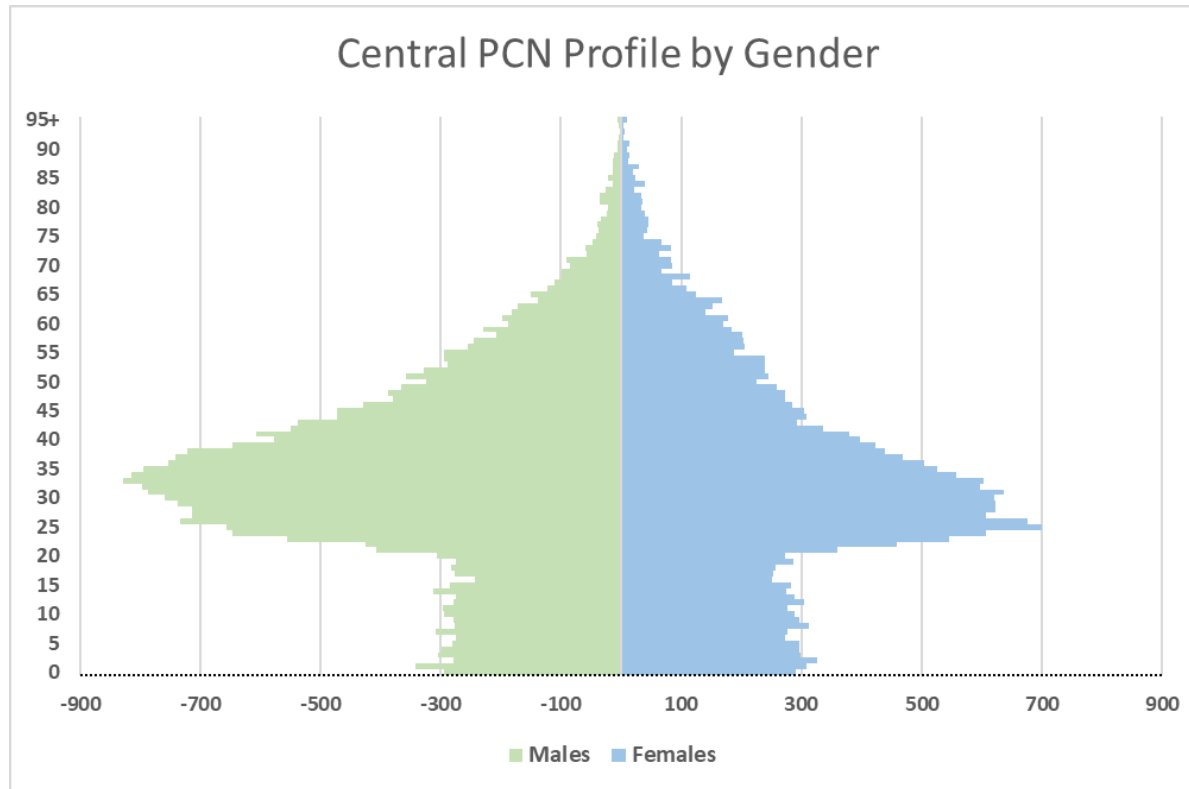
Similar to the Newham average

Better than the Newham average

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Demographics: Age and gender



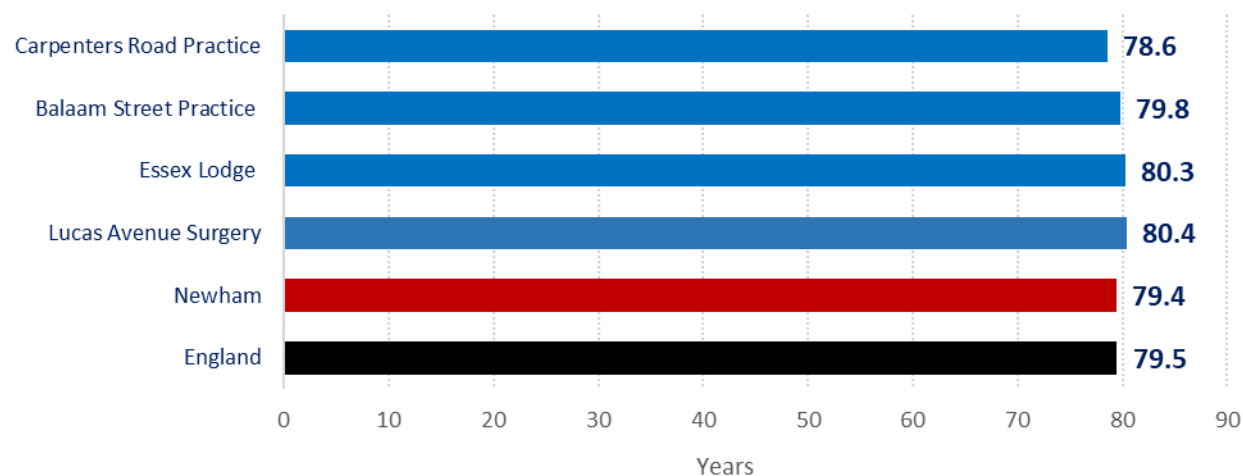
Age band	Central PCN	Newham
0-9	11.1%	15.1%
10-19	10.5%	12.0%
20-29	21.4%	18.6%
30-39	24.5%	20.1%
40-49	14.8%	12.9%
50-59	9.4%	9.9%
60-69	5.2%	6.3%
70-79	2.1%	3.2%
80+	1.0%	1.9%

- There is a higher percentage of males (55%) in the Central PCN.
- The highest proportion of the population are in 30-39 age group.
- Over 20% of the population are over 50 years old.

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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

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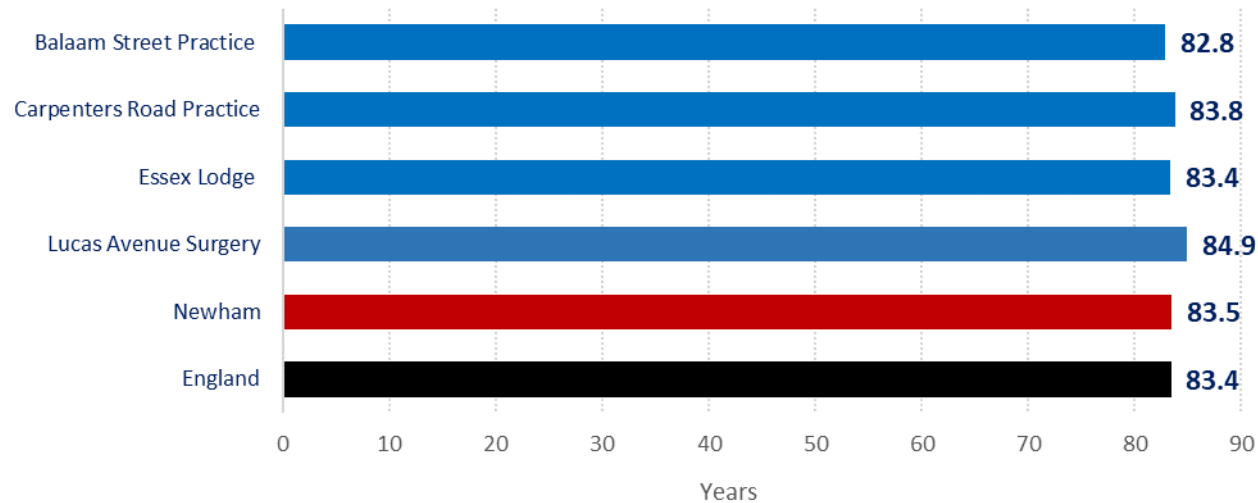
Data source: PHE, based on ONS mortality data

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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

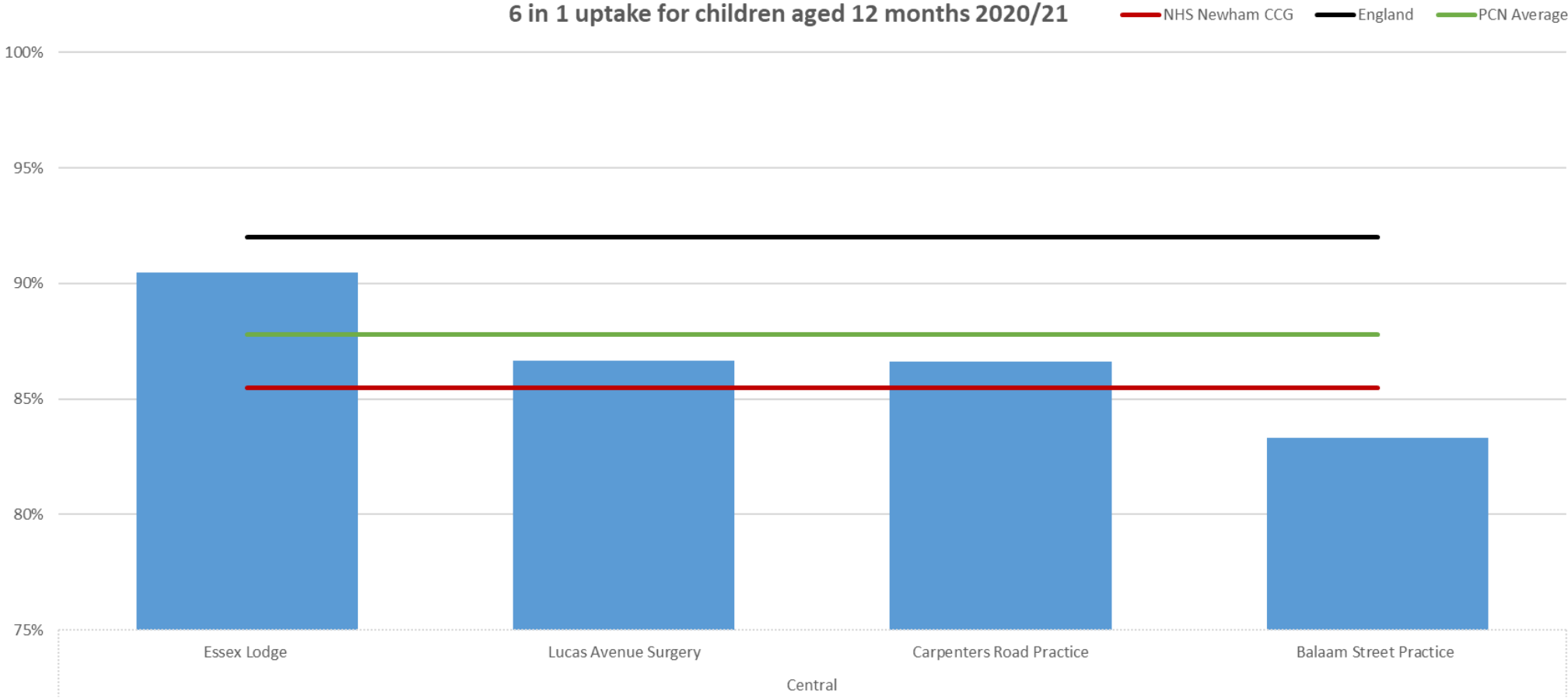
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Data source: PHE, based on ONS mortality data

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



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Data source: CEG dashboards, Fingertips PHE

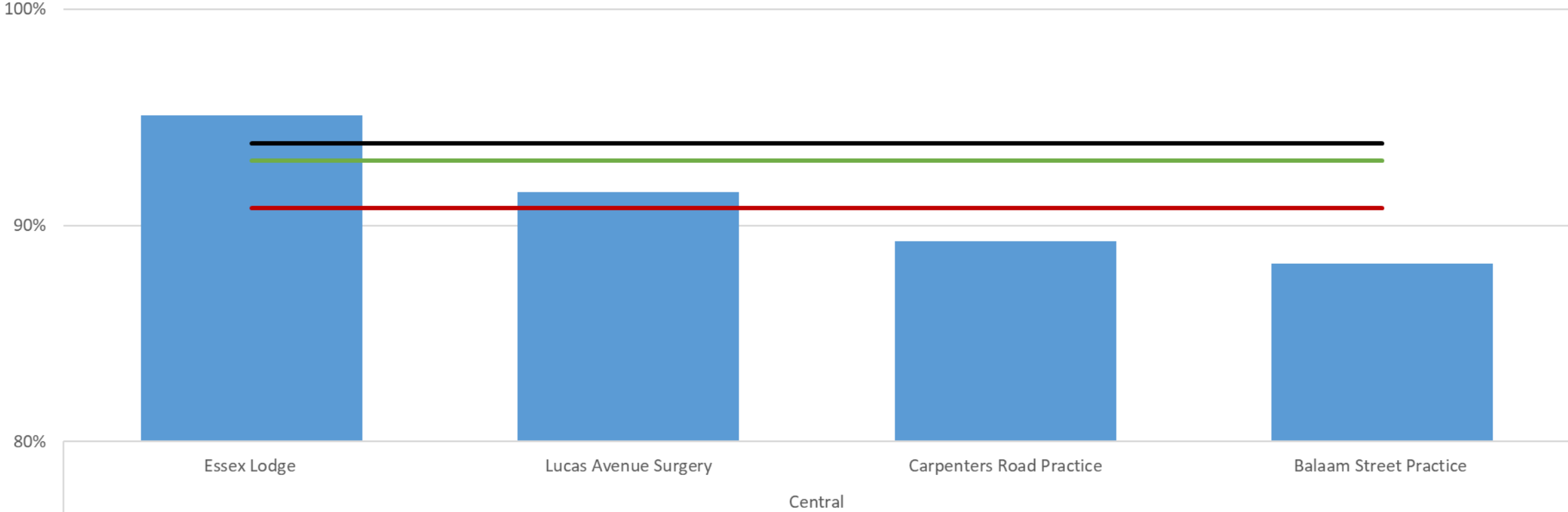
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Childhood Immunisations: 6 in 1 uptake for children aged 2 years

6 in 1 uptake for children aged 2 years 2020/21

NHS Newham CCG England PCN average



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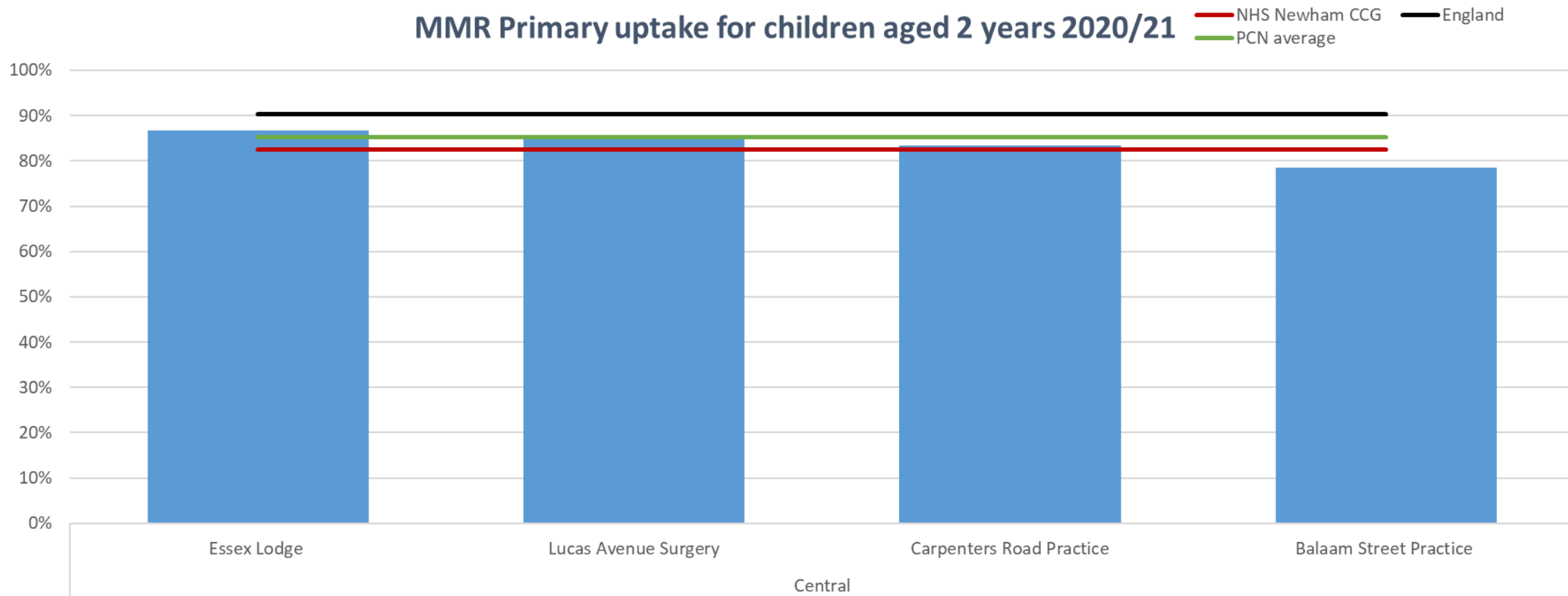
Data source: CEG dashboards, Fingertips PHE

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Childhood Immunisations: MMR primary uptake for children aged 2 years

MMR Primary uptake for children aged 2 years 2020/21



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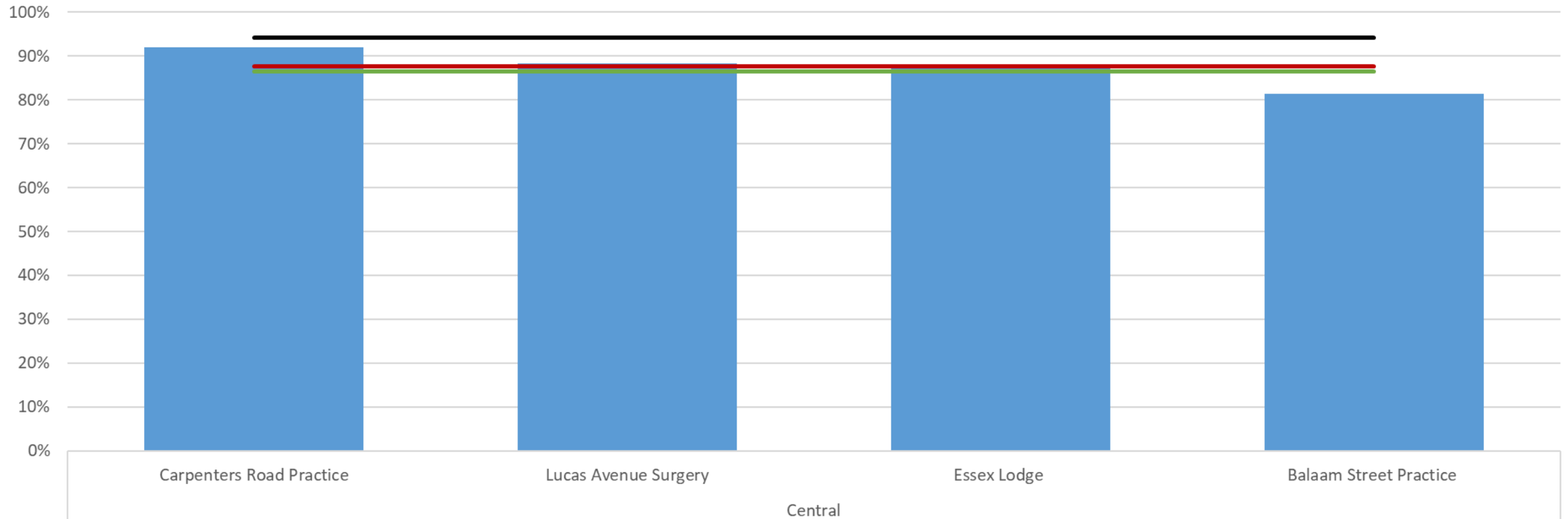
Data source: CEG dashboards, Fingertips PHE

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Childhood Immunisations: MMR primary uptake for children aged 5 years

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



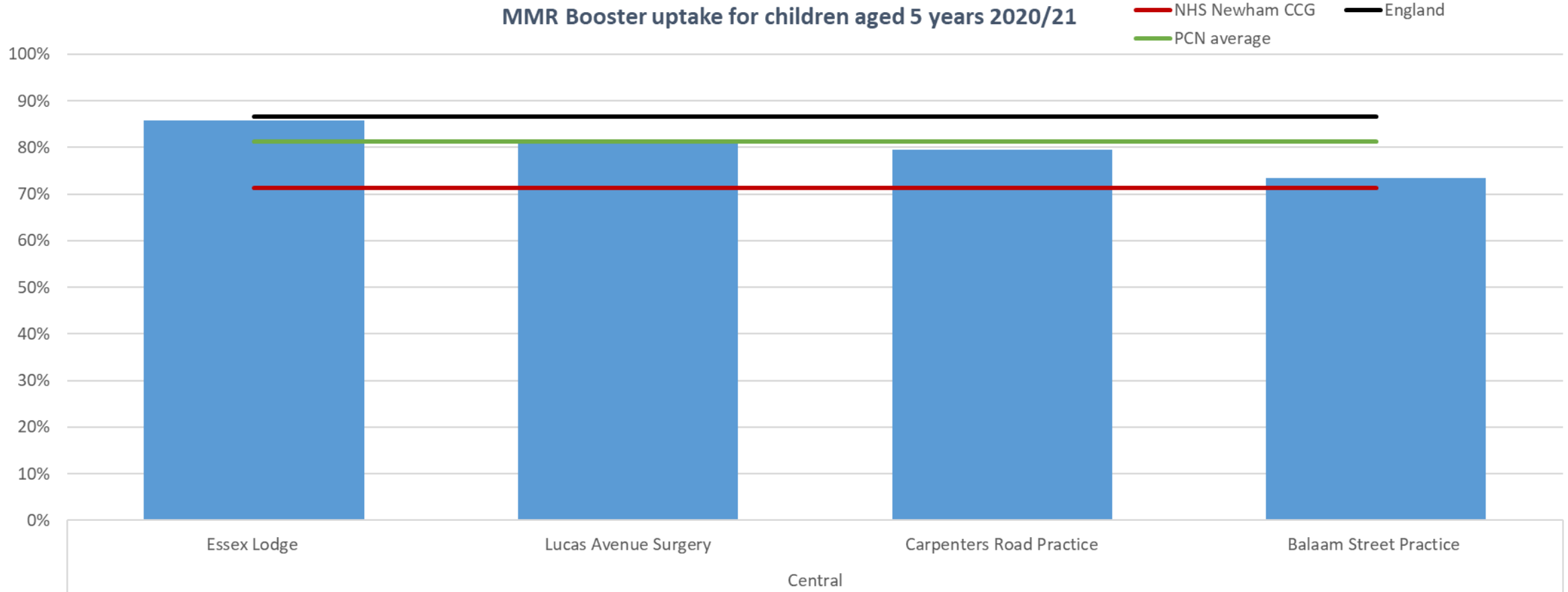
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Data source: CEG dashboards, Fingertips PHE

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Childhood Immunisations: MMR booster uptake for children aged 5 years



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Data source: CEG dashboards, Fingertips PHE

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Health checks – invites and uptake

Health check invites 2022-23



Health check uptake 2022-23



- In 2022-23, 1898 invites for health checks were sent from Central PCN with a target of 1908
- Uptake was 1667 with a target of 1259

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Data source: Clinical Effectiveness Group

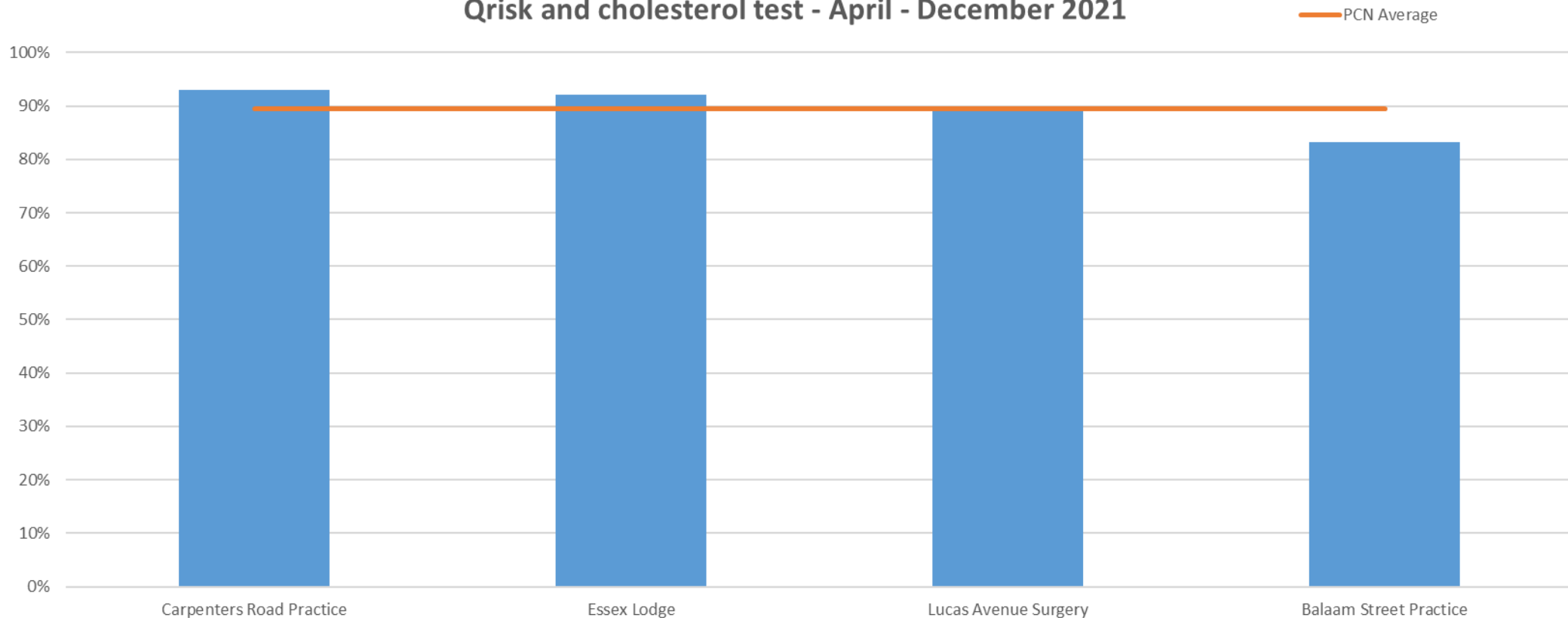
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Health checks: Measurements

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

Qrisk and cholesterol test - April - December 2021



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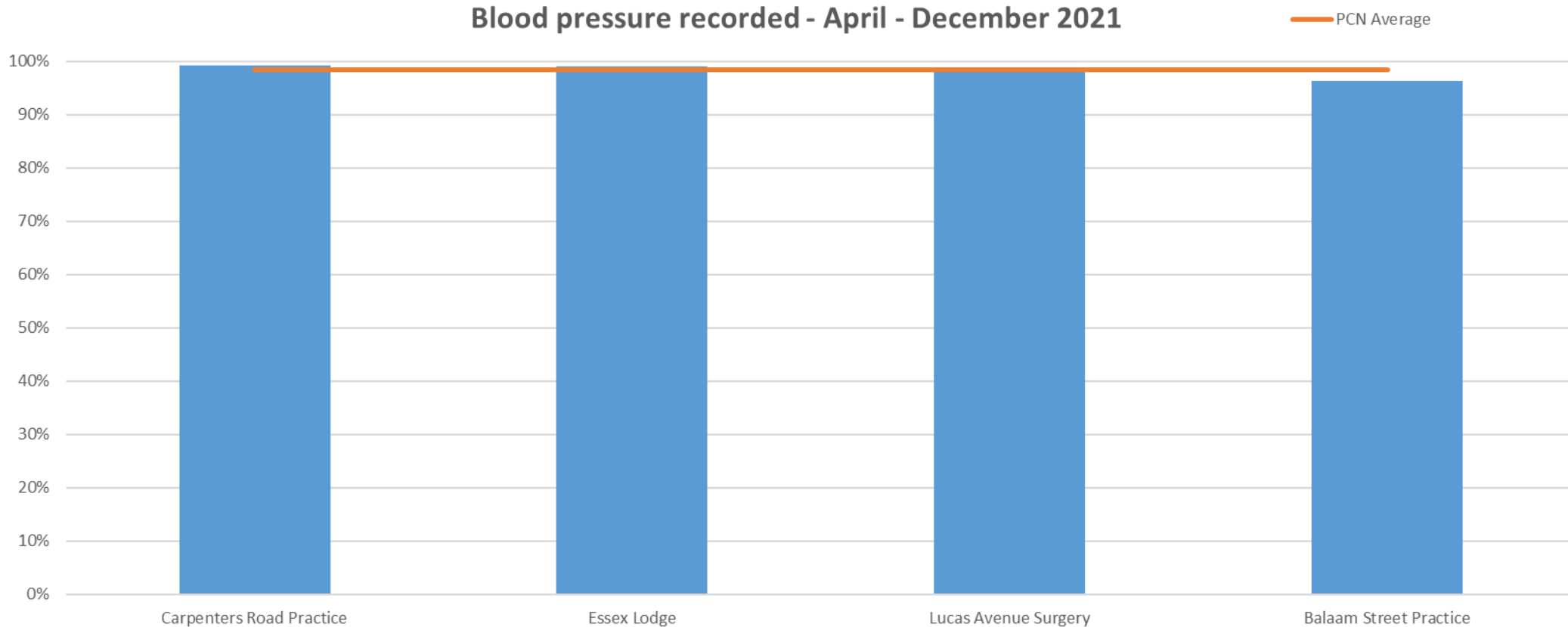
Data source: Clinical Effectiveness Group

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Health checks: Measurements

Blood pressure recorded as a proportion of NHS Health Check



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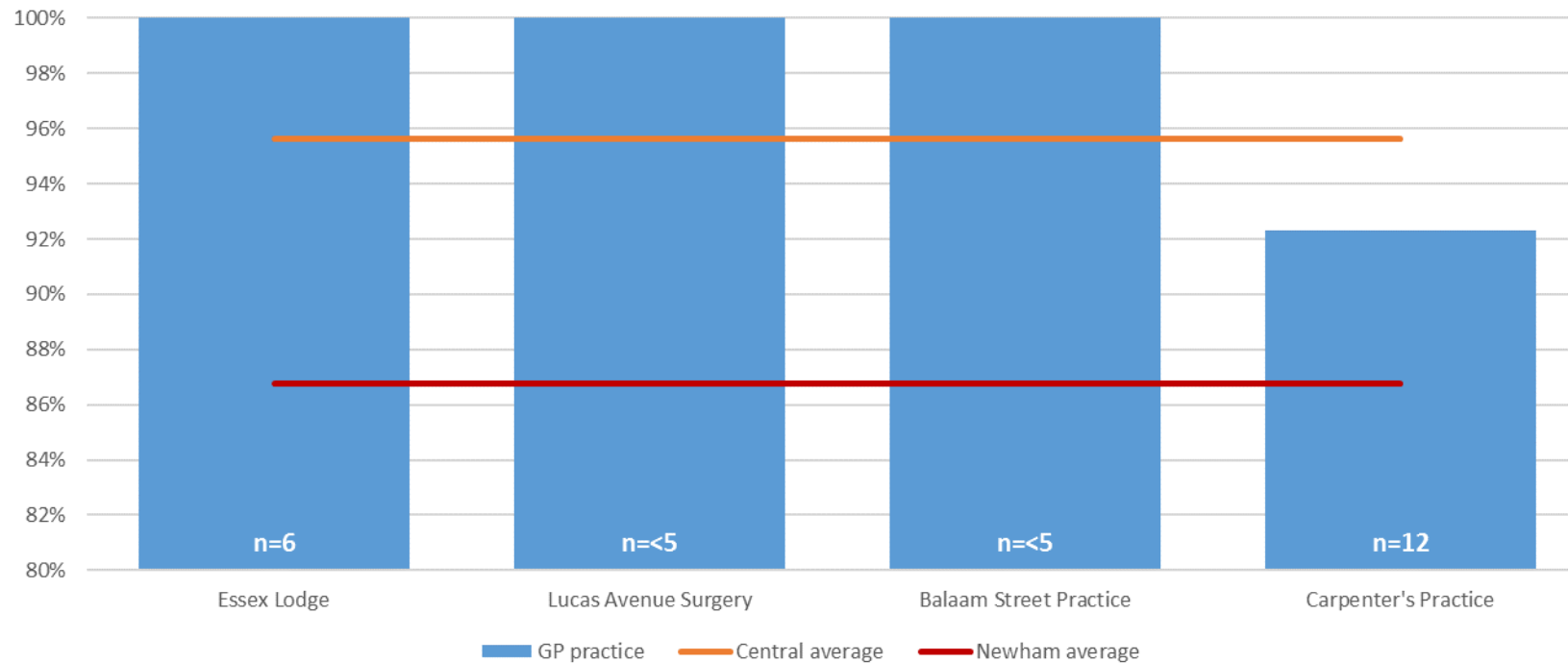
Data source: Clinical Effectiveness Group

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Learning Disabilities: Health checks 14-17 years

Percentage of Health Checks carried out over the last 12 months (as at 1st May 2023)
in people aged 14-17 with learning disabilities



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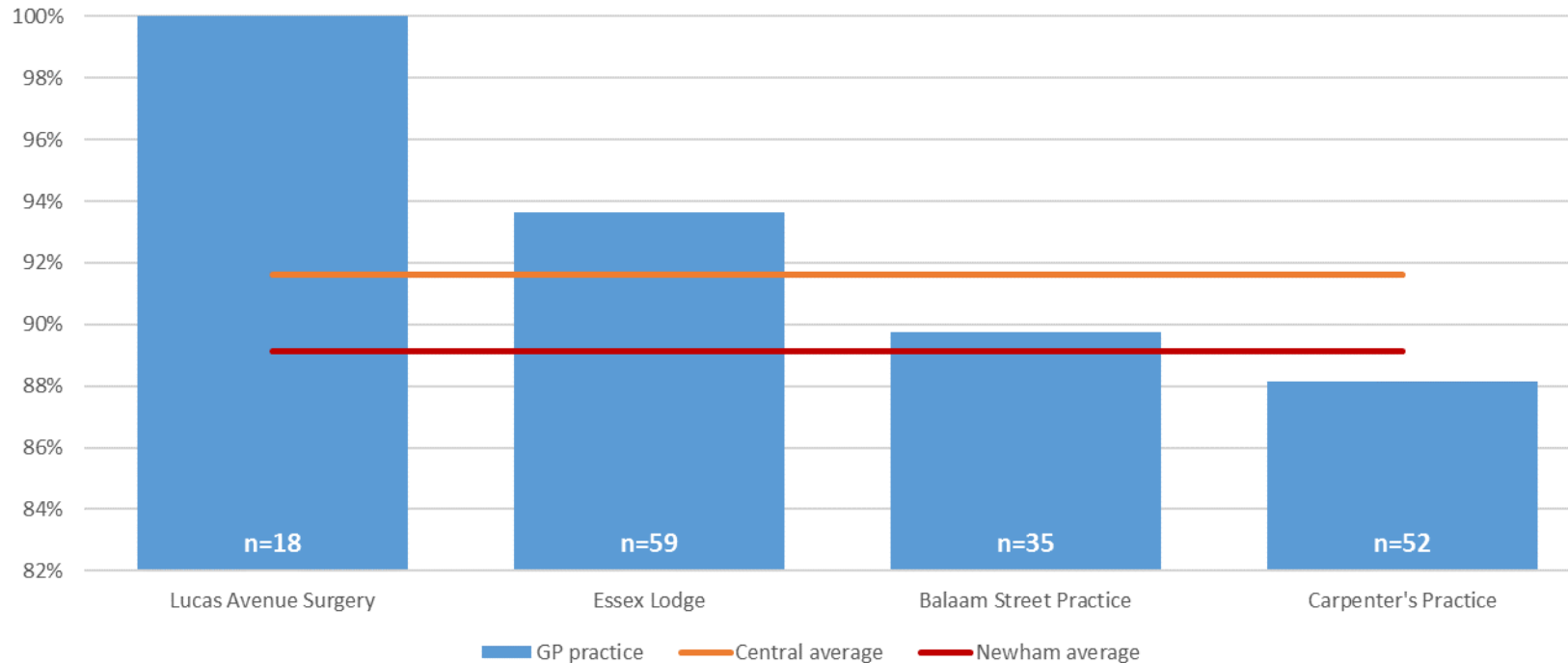
Source: CEG NEL Dashboards

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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



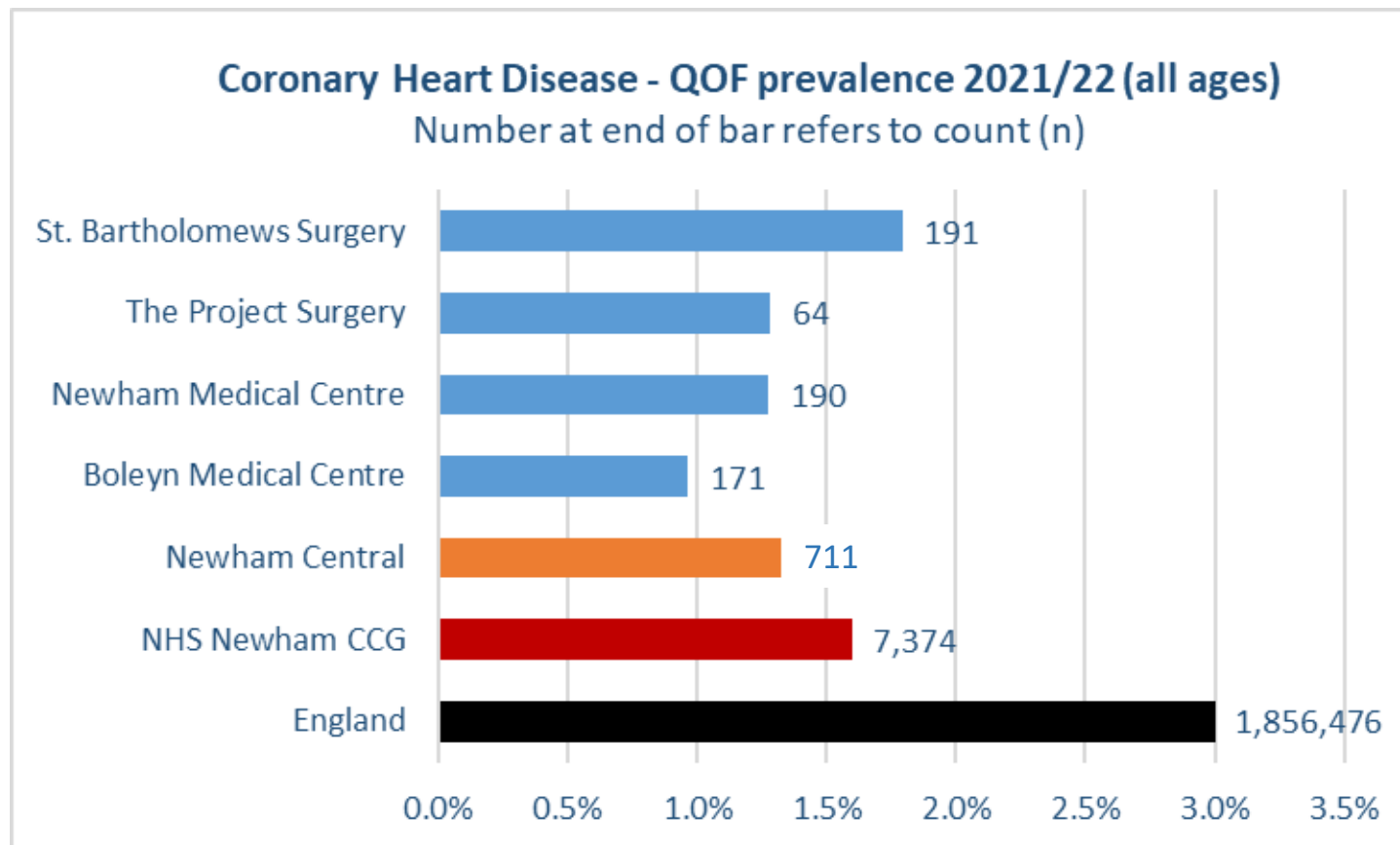
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Source: CEG NEL Dashboards

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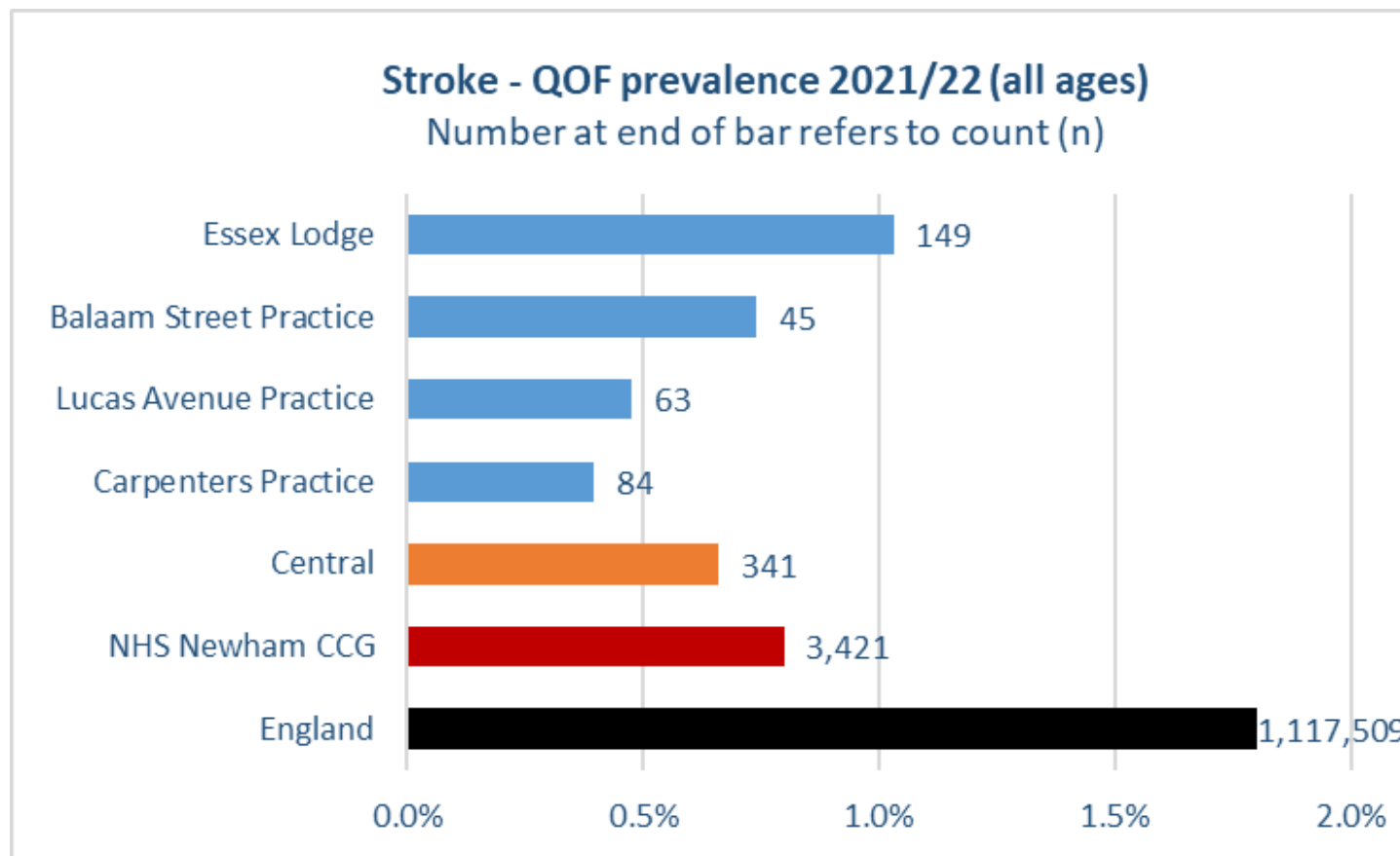
CVD: Coronary Heart Disease



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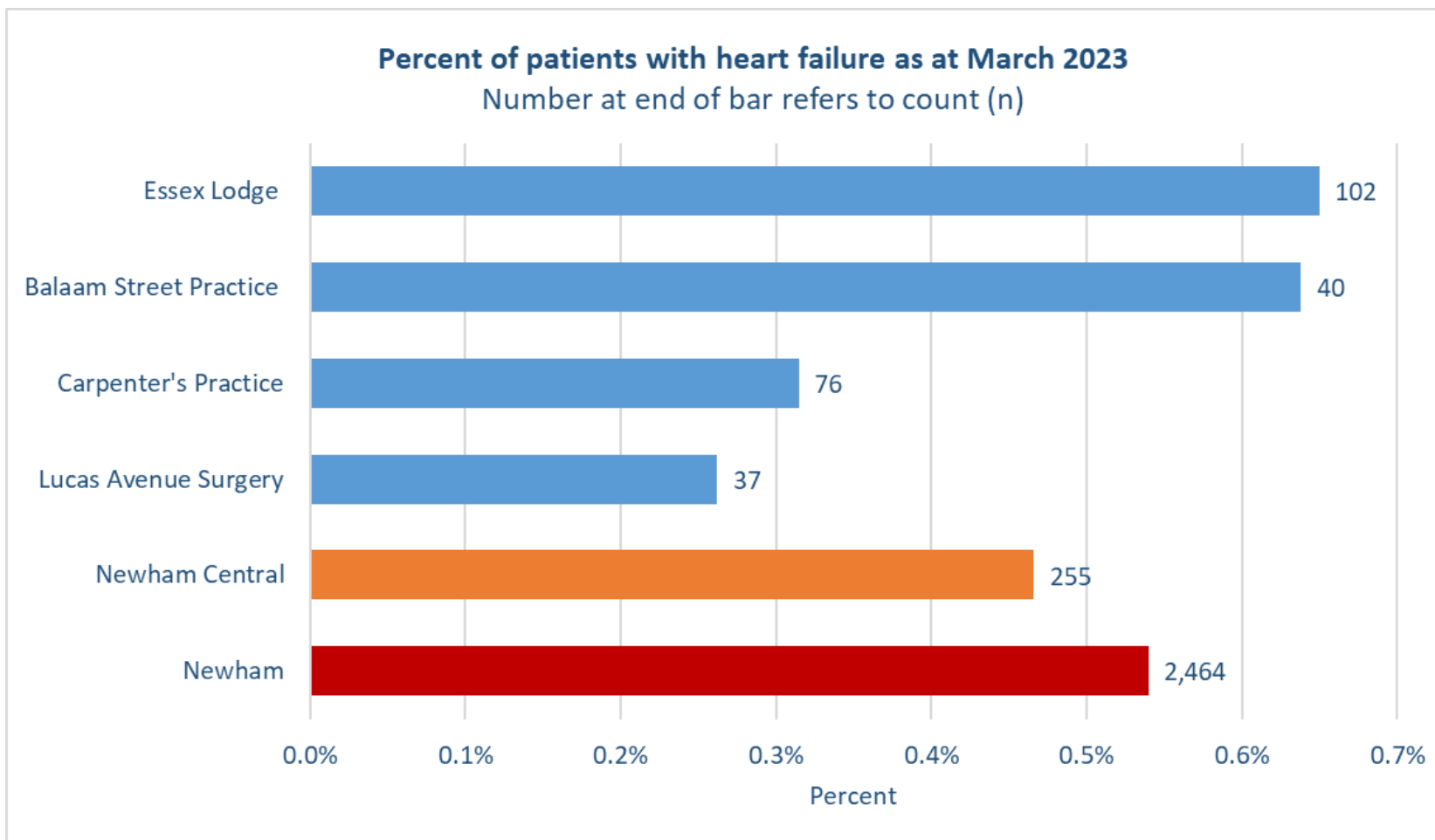
CVD: Stroke – QOF Prevalence



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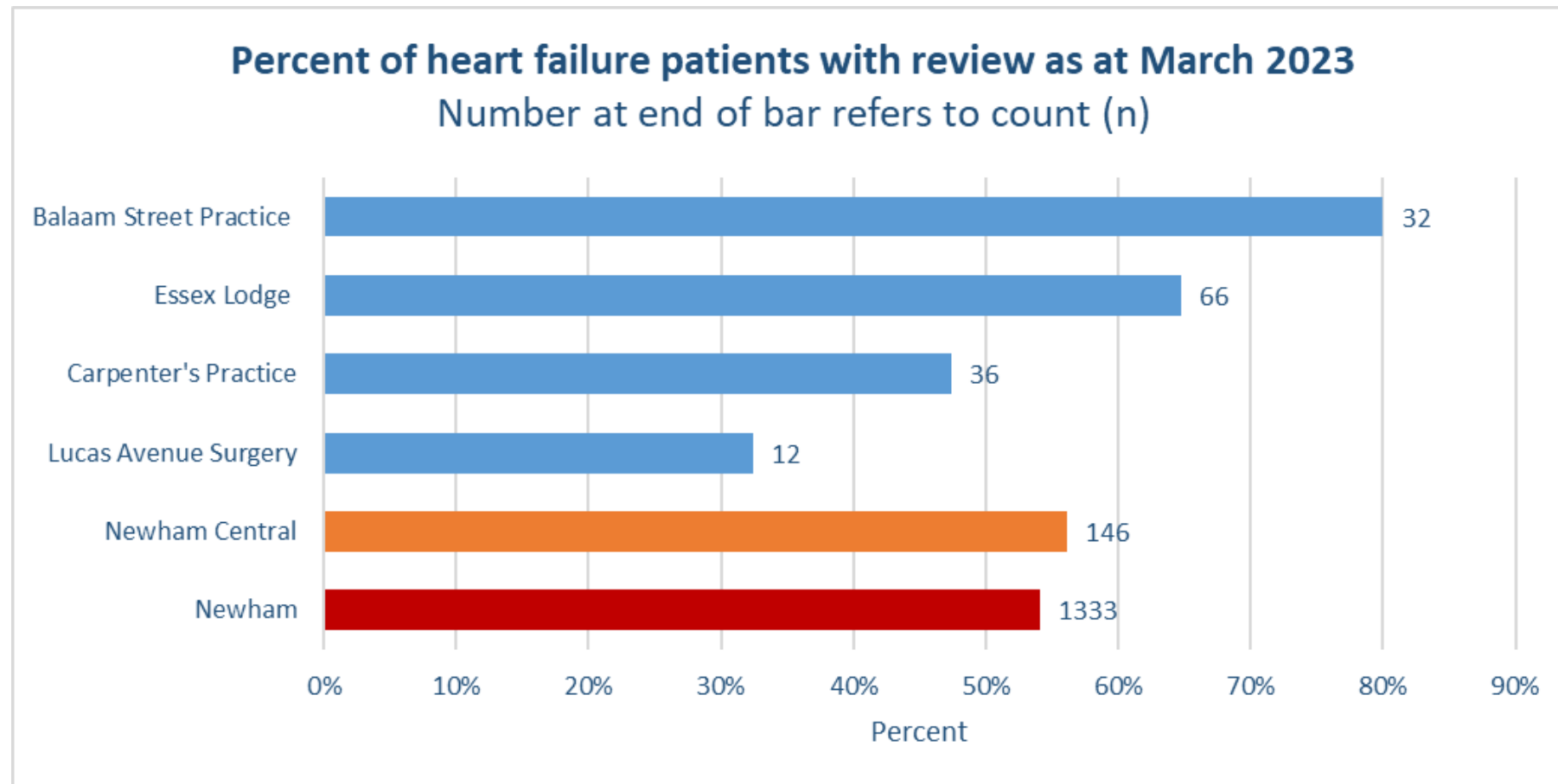
CVD: % of all patients with heart failure



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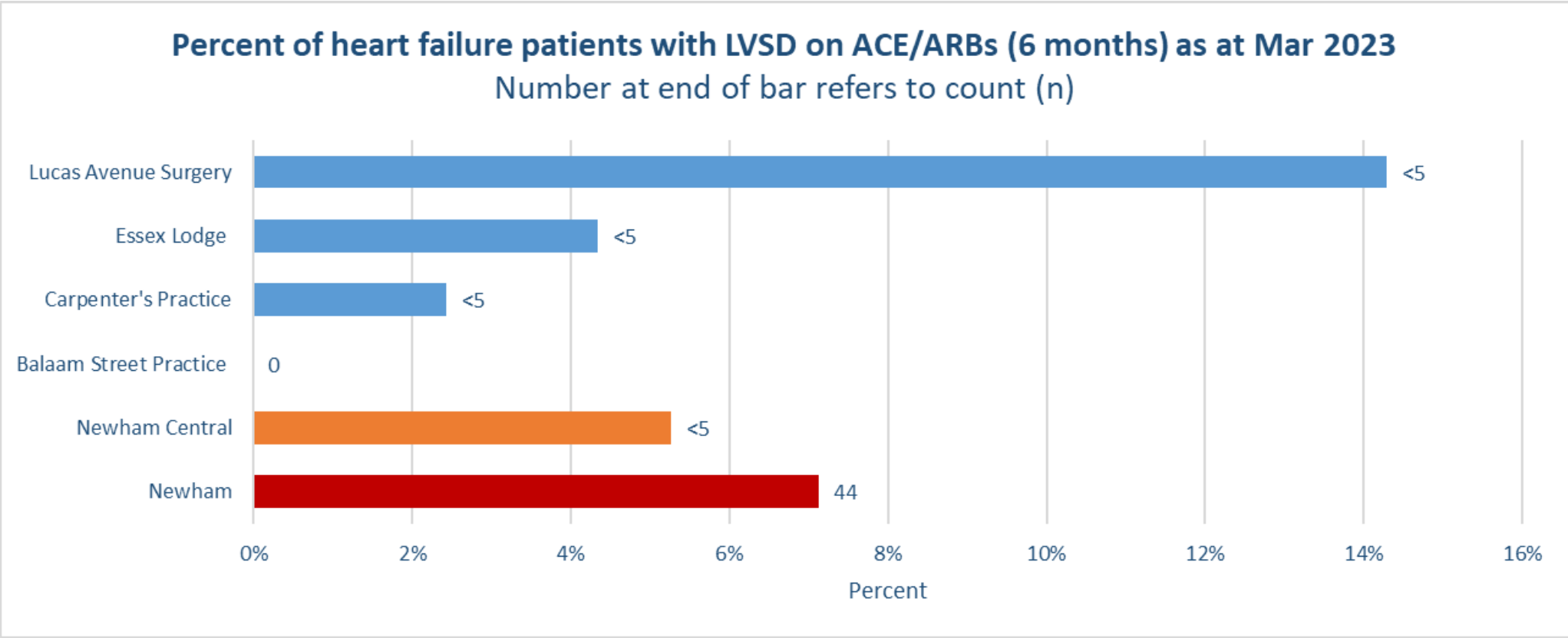
CVD: % of all heart failure patients with review



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



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Data source: Clinical Effectiveness Group Toolkit

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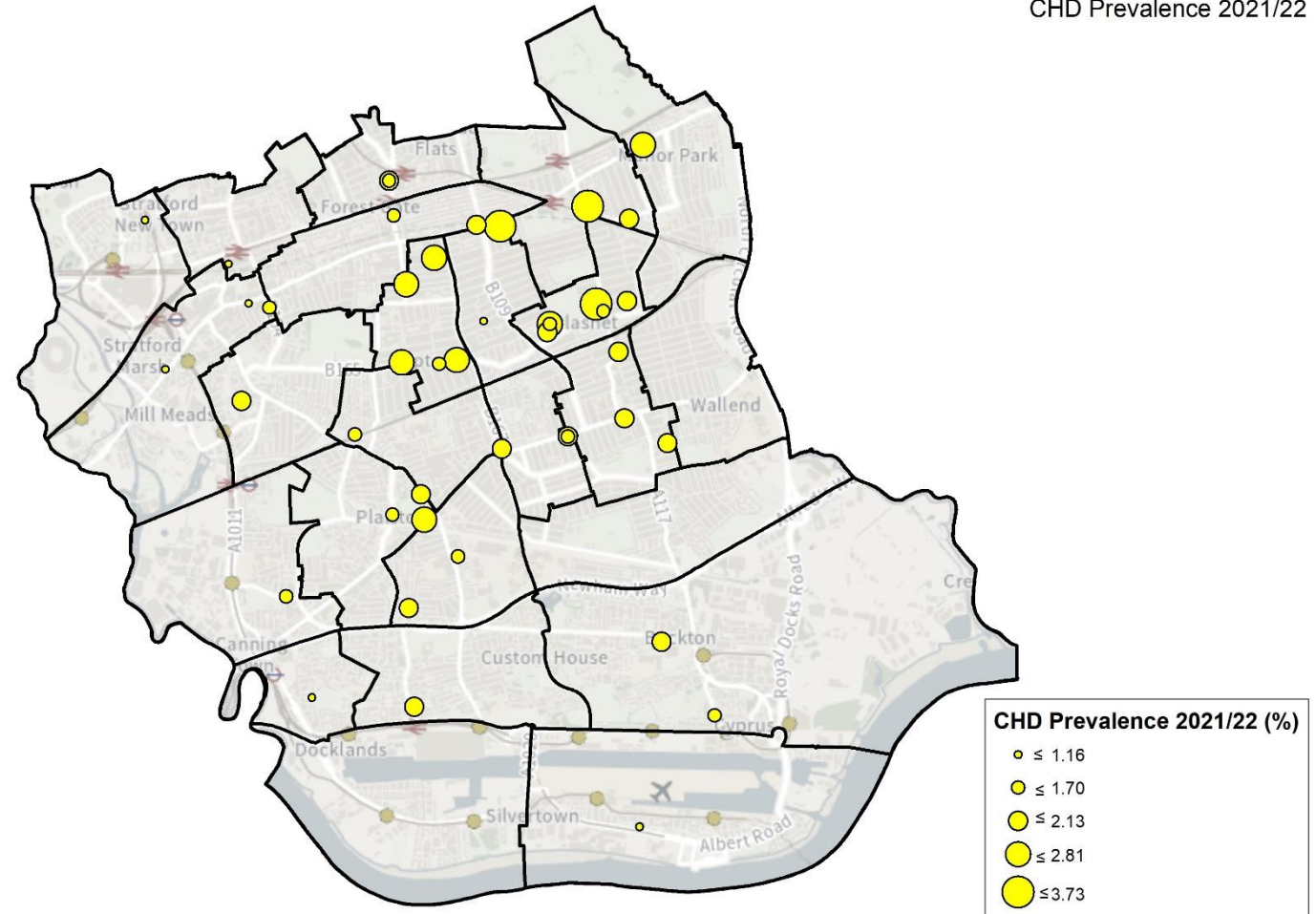
Coronary Heart Disease prevalence

In Newham and Central by
GP practice

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

CHD Prevalence 2021/22

GP practice	CHD prevalence (%)
Carpenters Road Practice	1.2
Lucas Avenue Surgery	1.3
Balaam Street Practice	1.3
Essex Lodge	1.8



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Data source: OHID Fingertips

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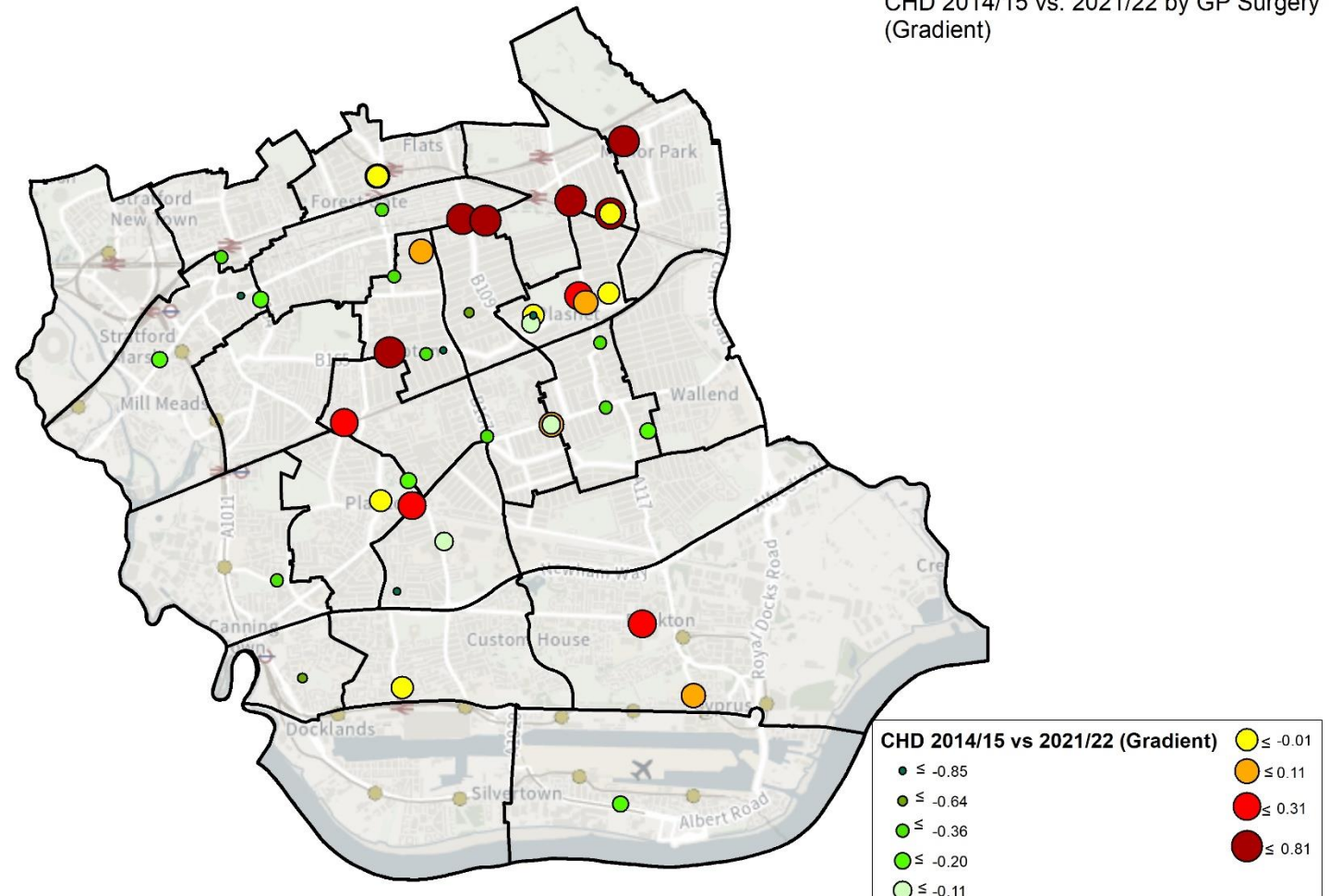
Coronary Heart Disease prevalence - gradient change

In Newham and Central by
GP practice

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

Coronary Heart Disease prevalence (% all ages)
2015/16 vs. 2021/21 and gradient change

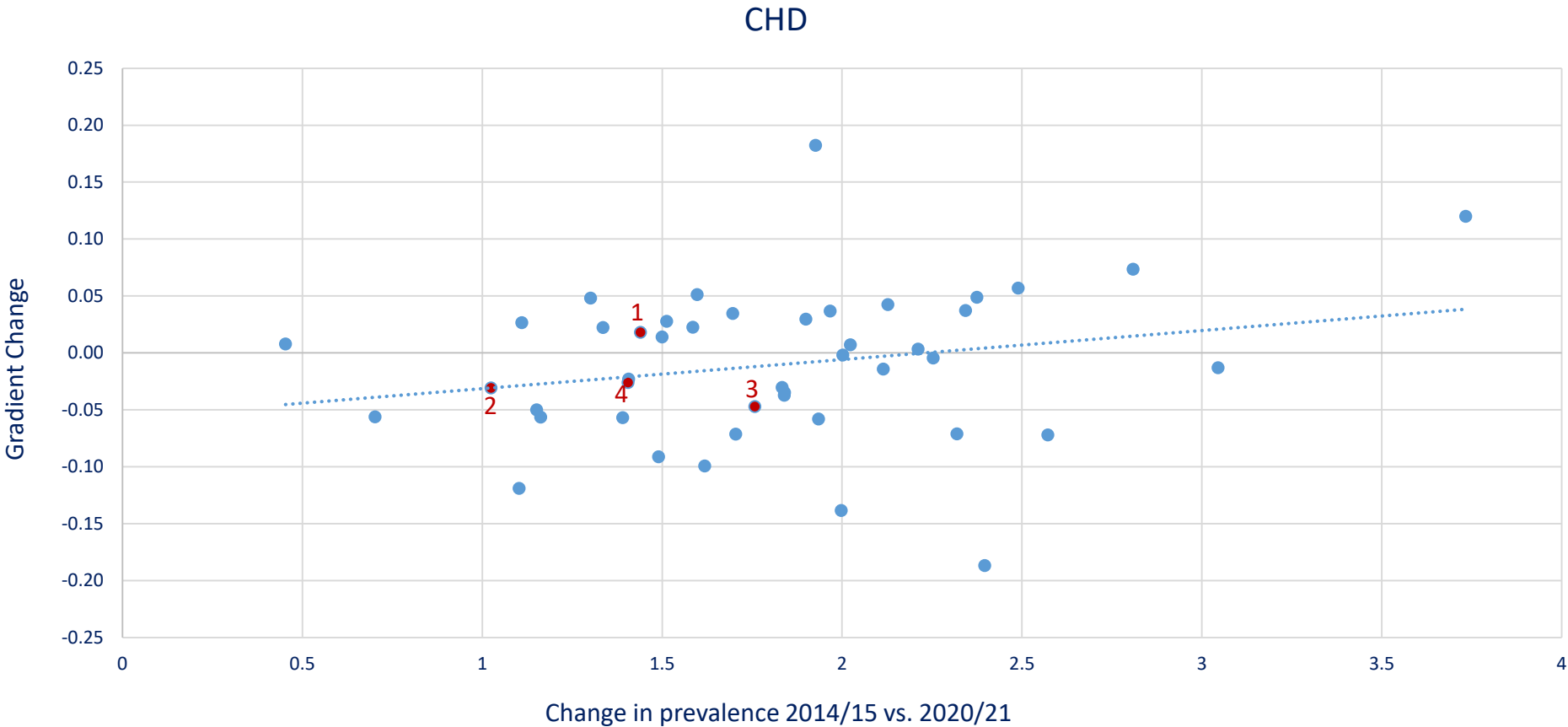
GP practice	2015/2016	2021/2022	Gradient change
Balaam Street Practice	1.3	1.3	-0.01
Carpenters Road Practice	1.2	1.0	-0.20
Essex Lodge	2.0	1.8	-0.22
Lucas Avenue Surgery	1.7	1.3	-0.42



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Data source: OHID Fingertips

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



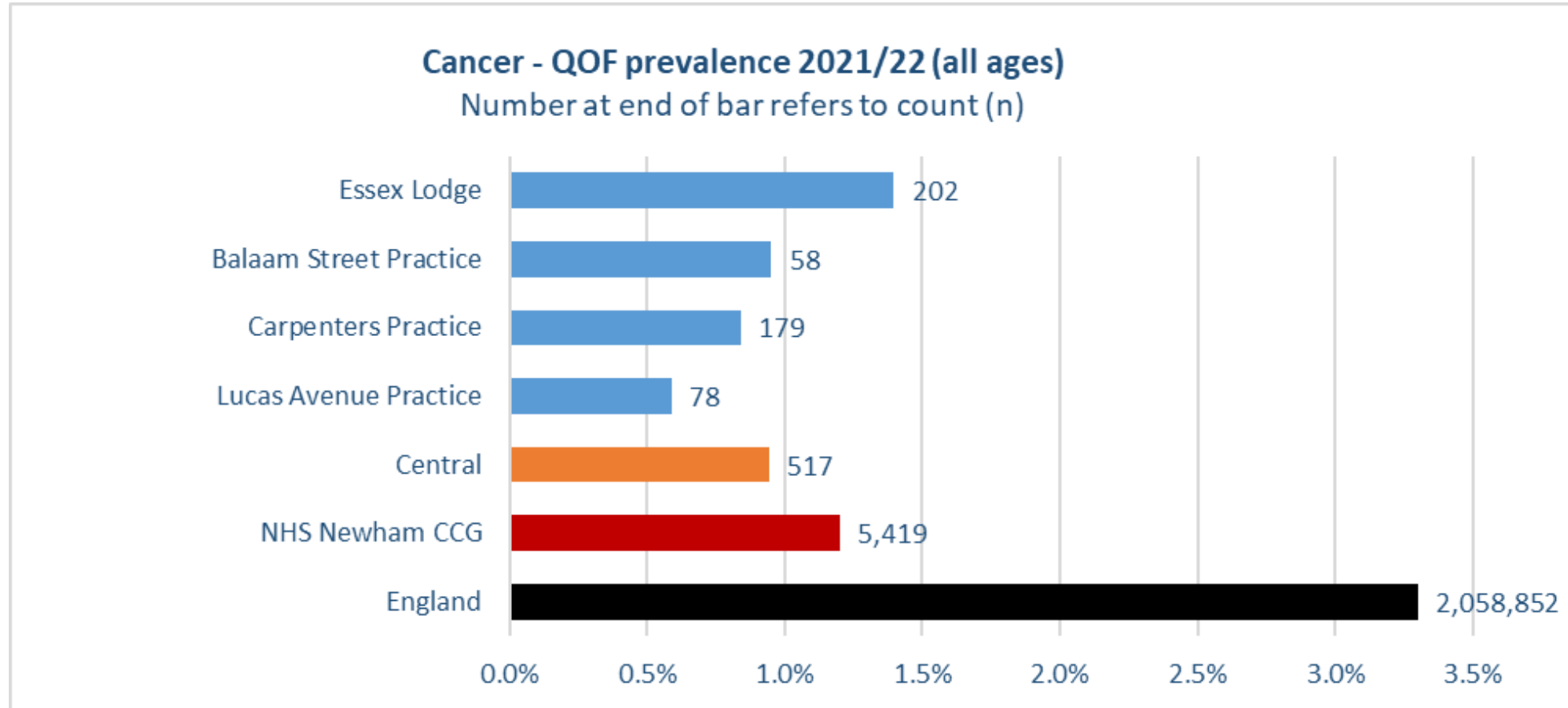
Key

- 1 Balaam Street Practice
- 2 Carpenters Road Practice
- 3 Essex Lodge
- 4 Lucas Avenue Surgery

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Cancer: Prevalence



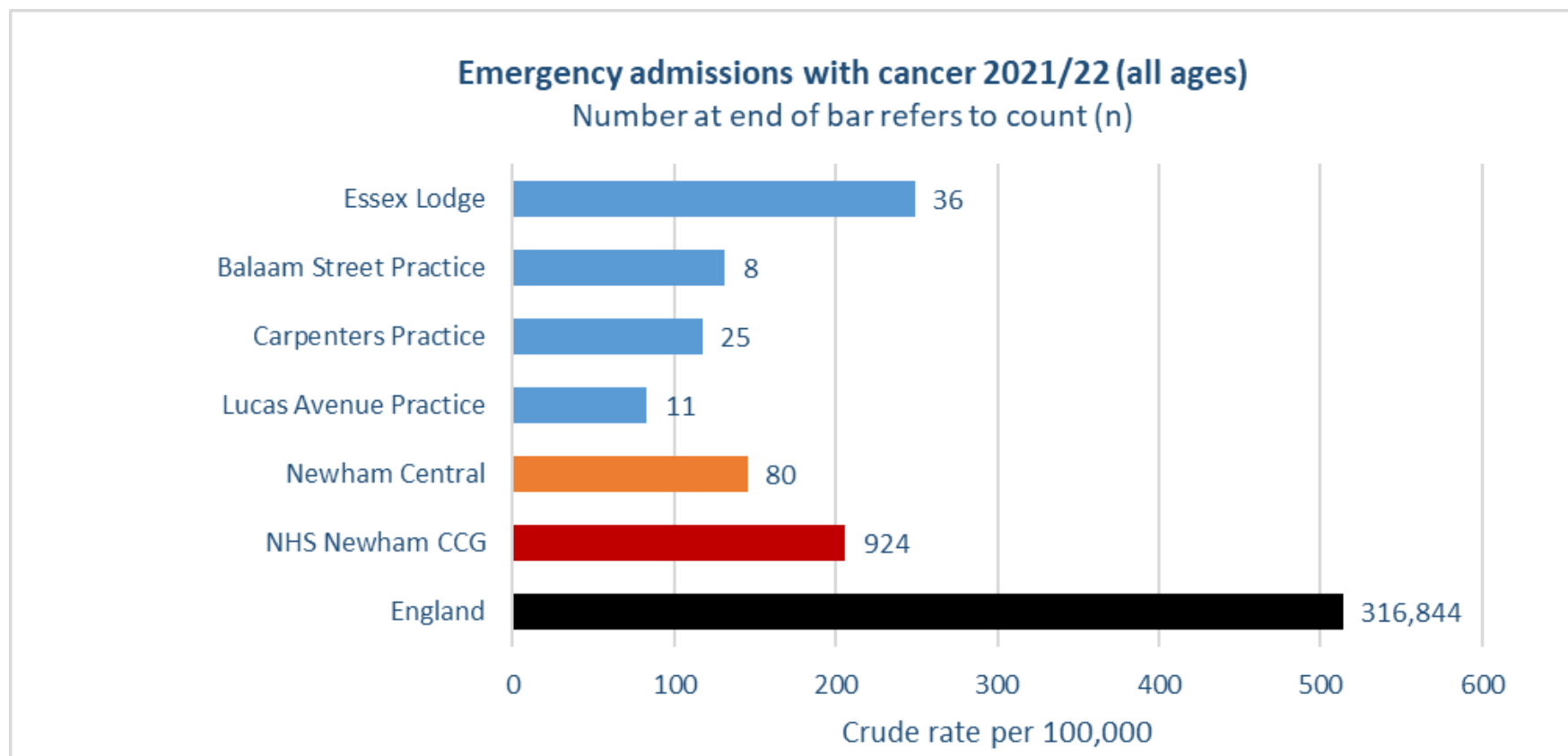
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Source: HES data held by OHID originally provided by NHS Digital

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Cancer: Emergency Admissions



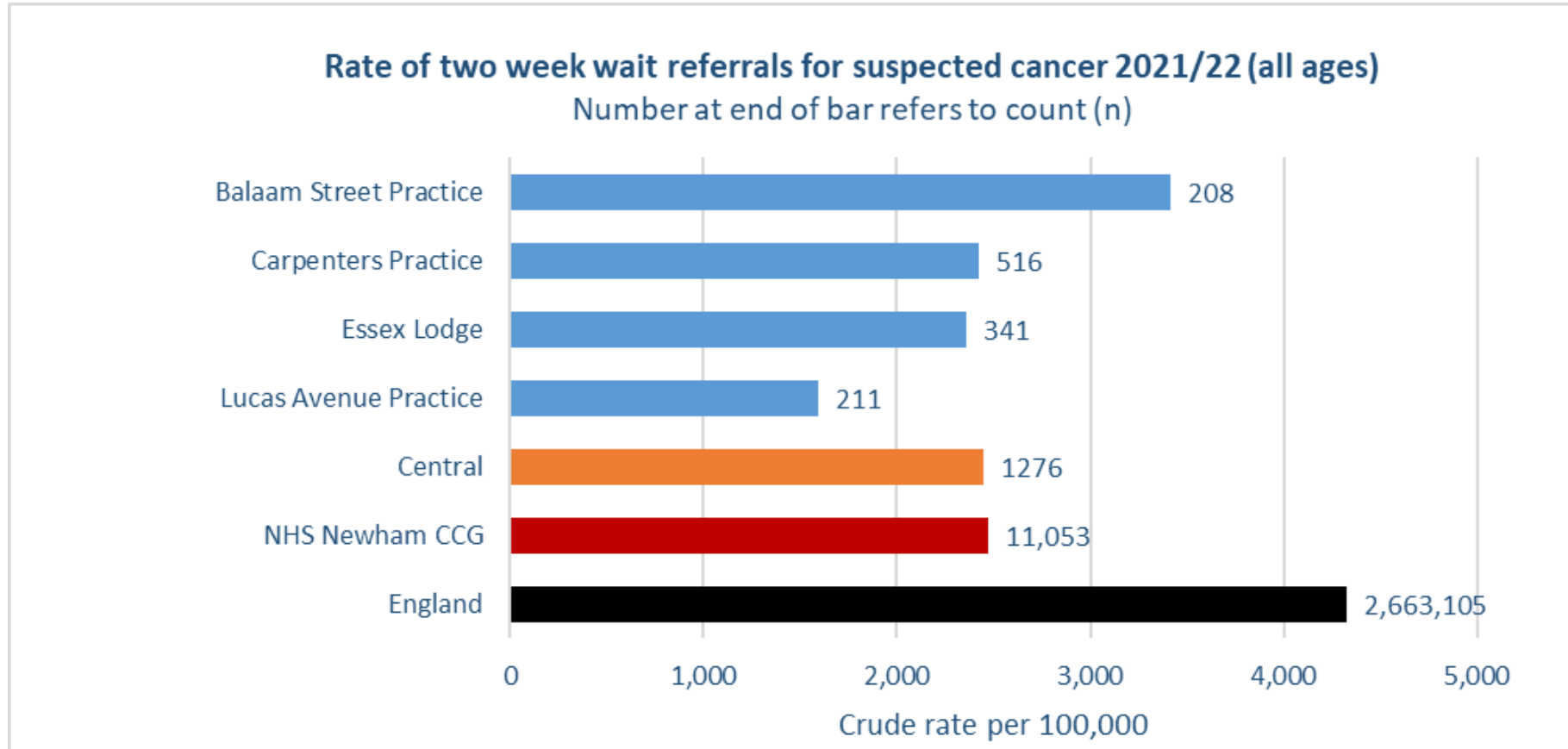
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Source: HES data held by PHE originally provided by NHS Digital

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Cancer: 2 week wait referrals



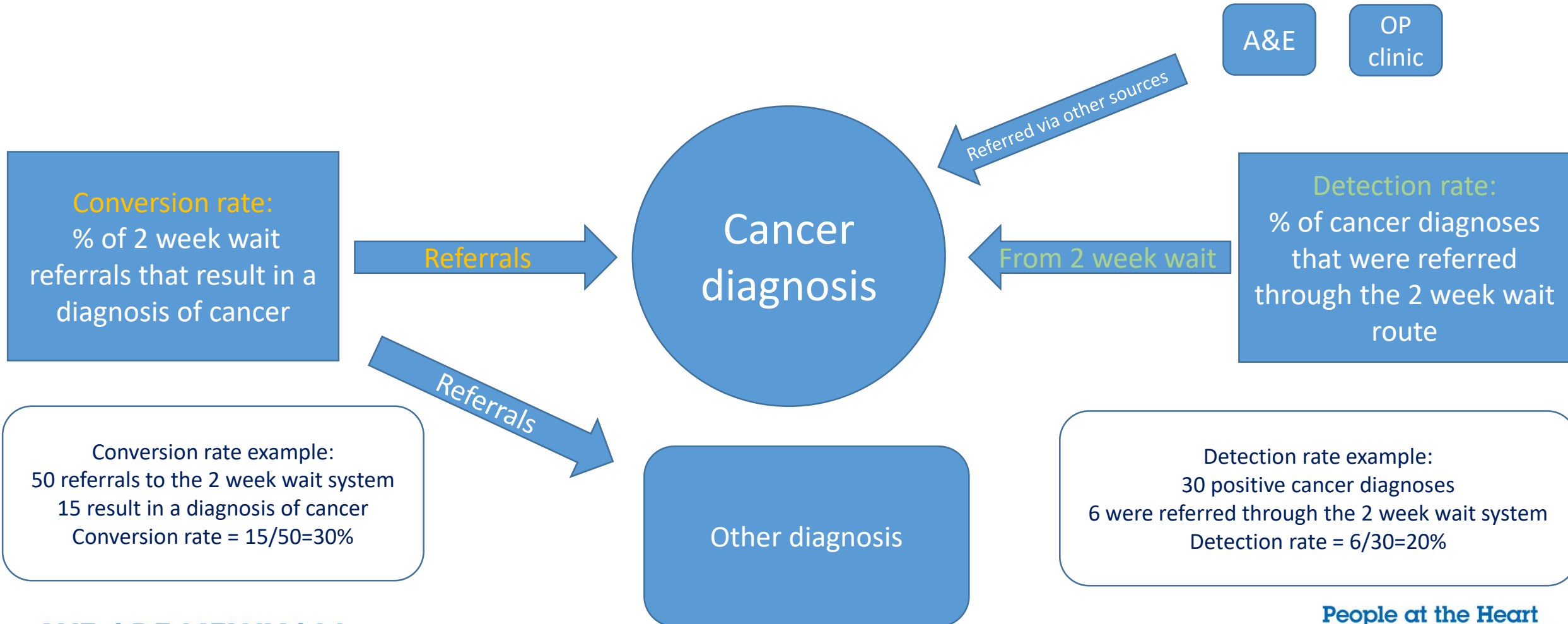
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Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

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Cancer: 2 week wait referrals: Detection and conversion explained



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

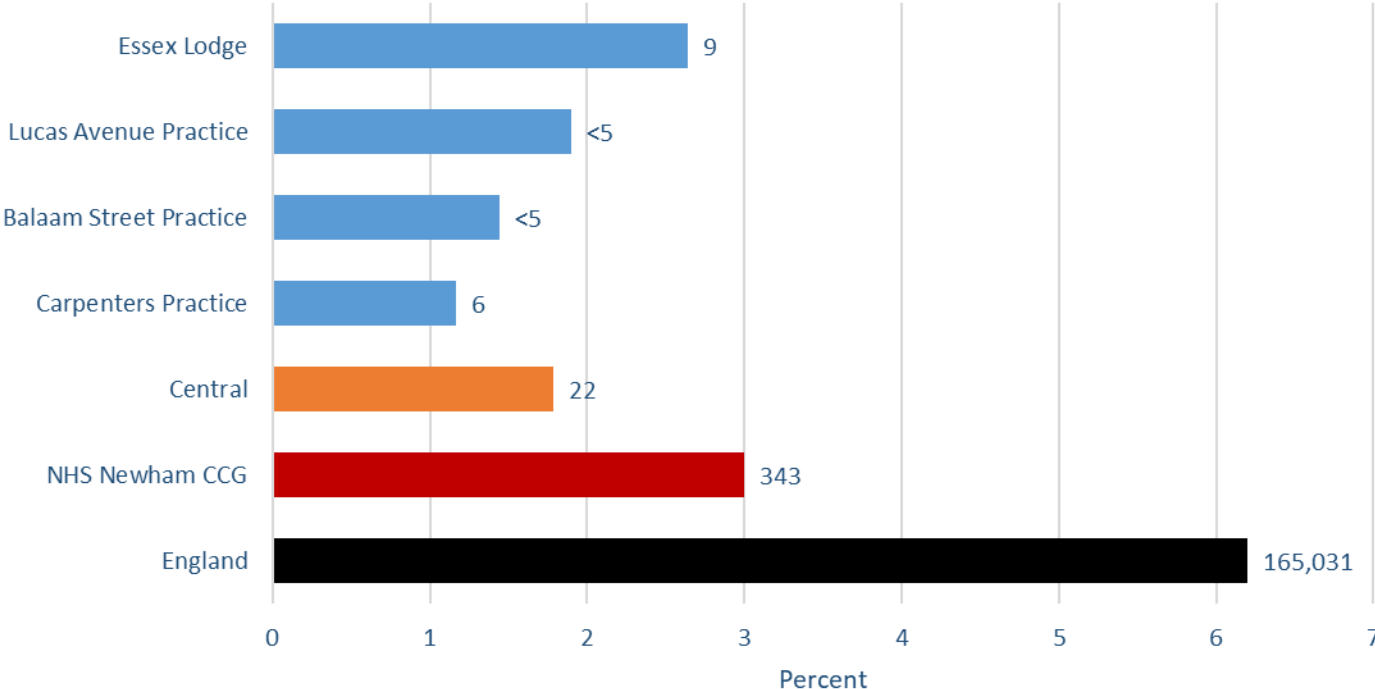
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Cancer: 2 week wait referrals - conversion



Two week referrals resulting in diagnosis of cancer (conversion rate) 2021/22 - all ages
Number at end of bar refers to count (n)



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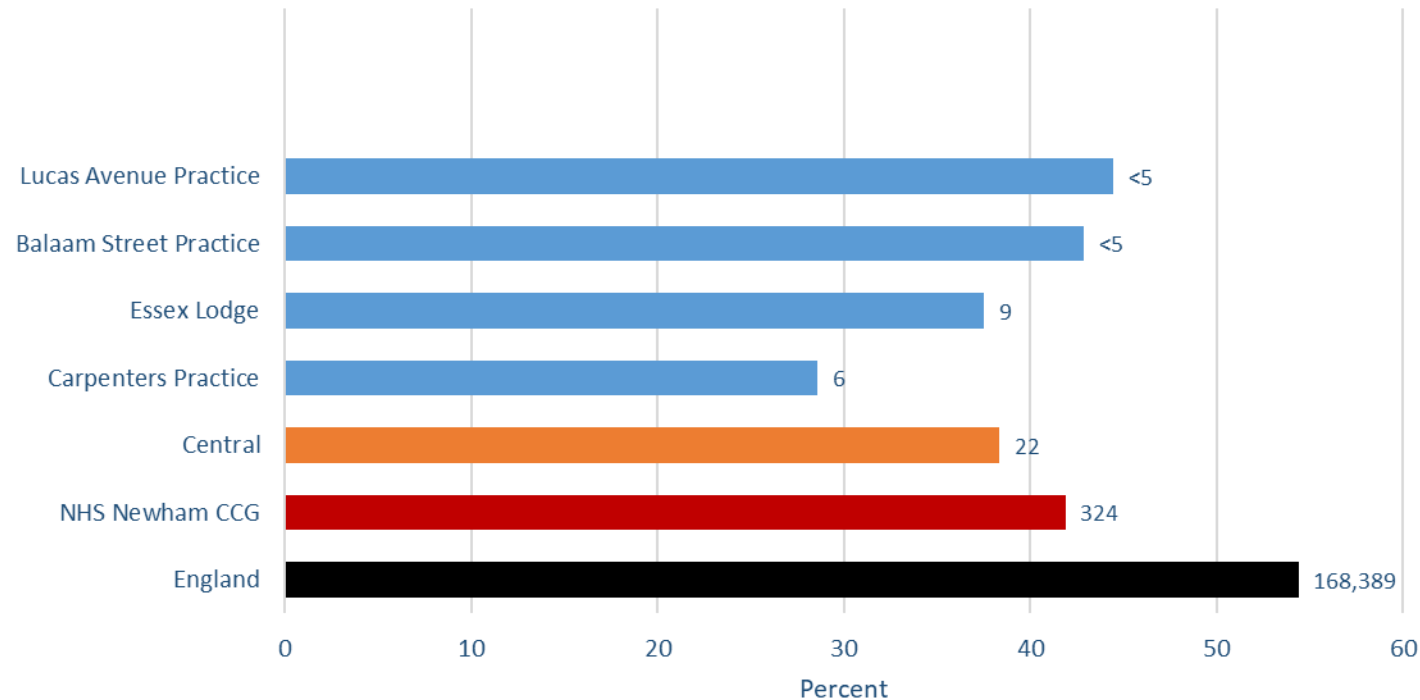
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

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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)



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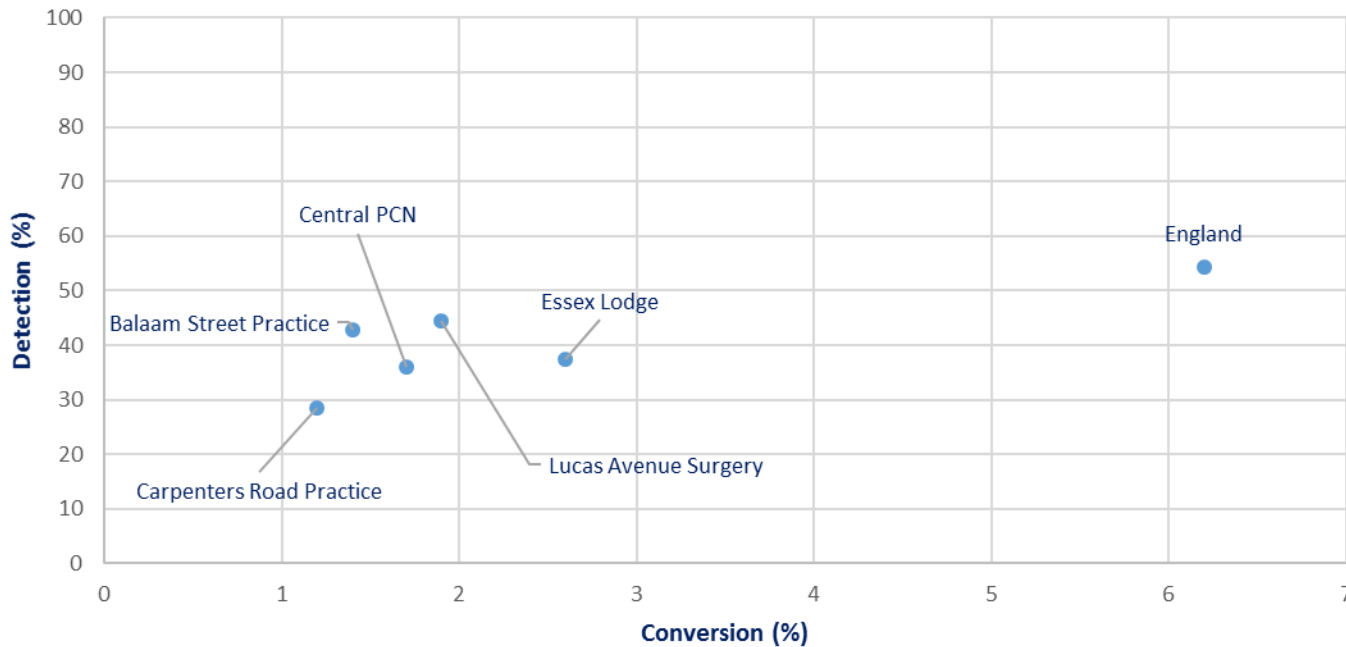
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

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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.

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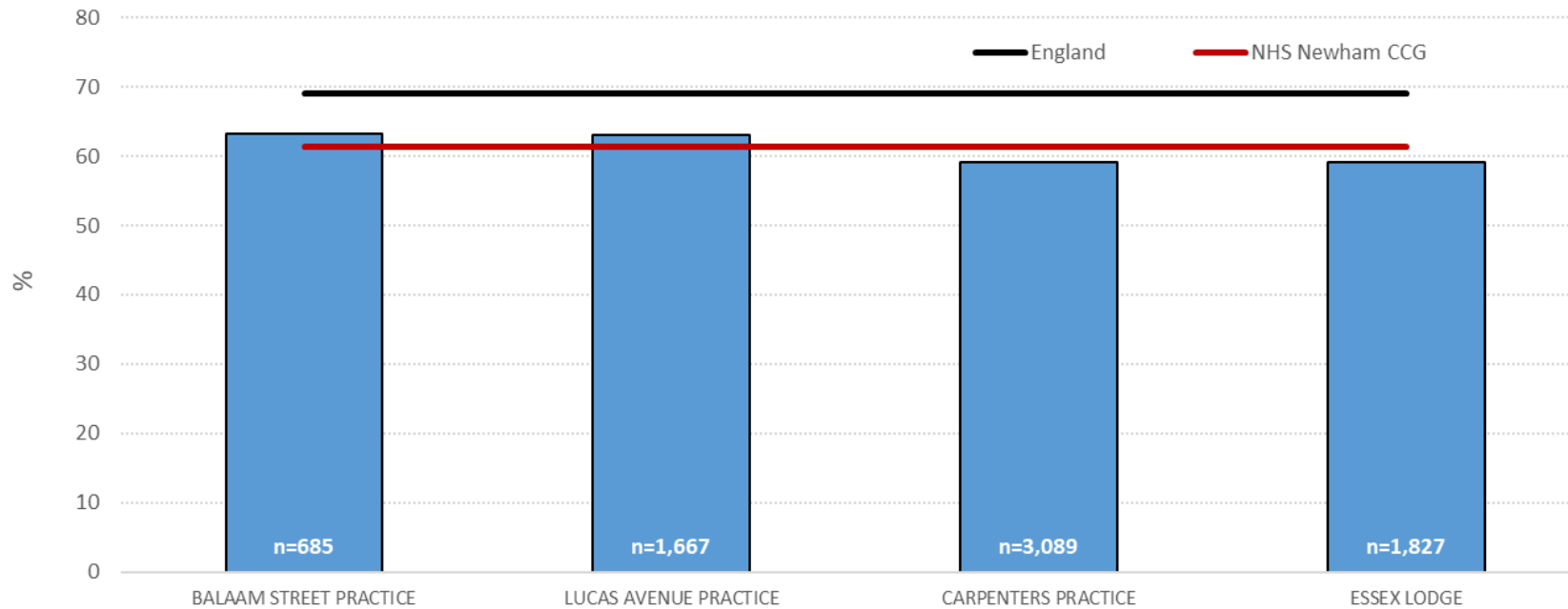
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

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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



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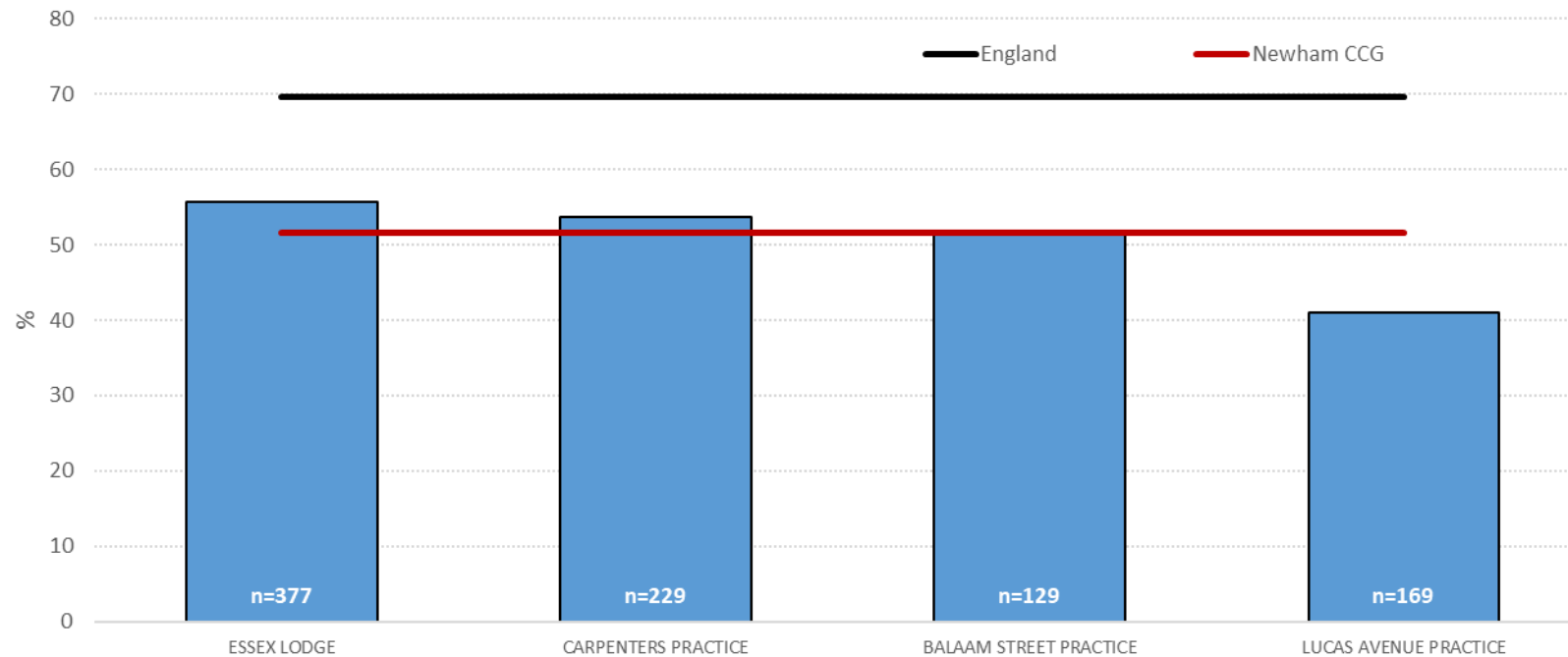
Data source: Quality and Outcomes Framework (QOF), NHS Digital via Fingertips, OHID (see notes for PCA definition)

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Bowel Screening

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



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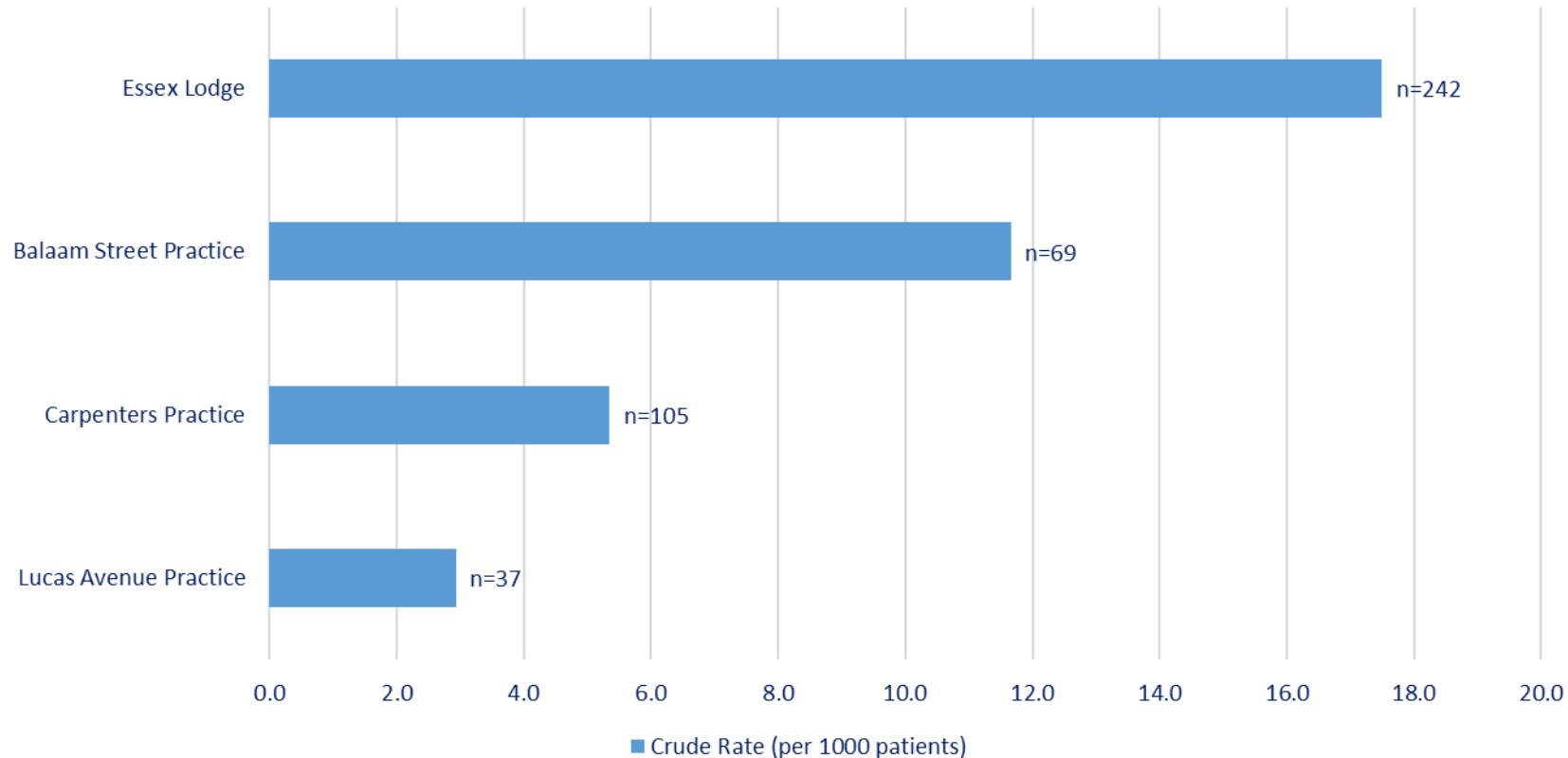
Data source: Quality and Outcomes Framework (QOF), NHS Digital via Fingertips, OHID

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Chronic obstructive pulmonary disease (COPD)

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



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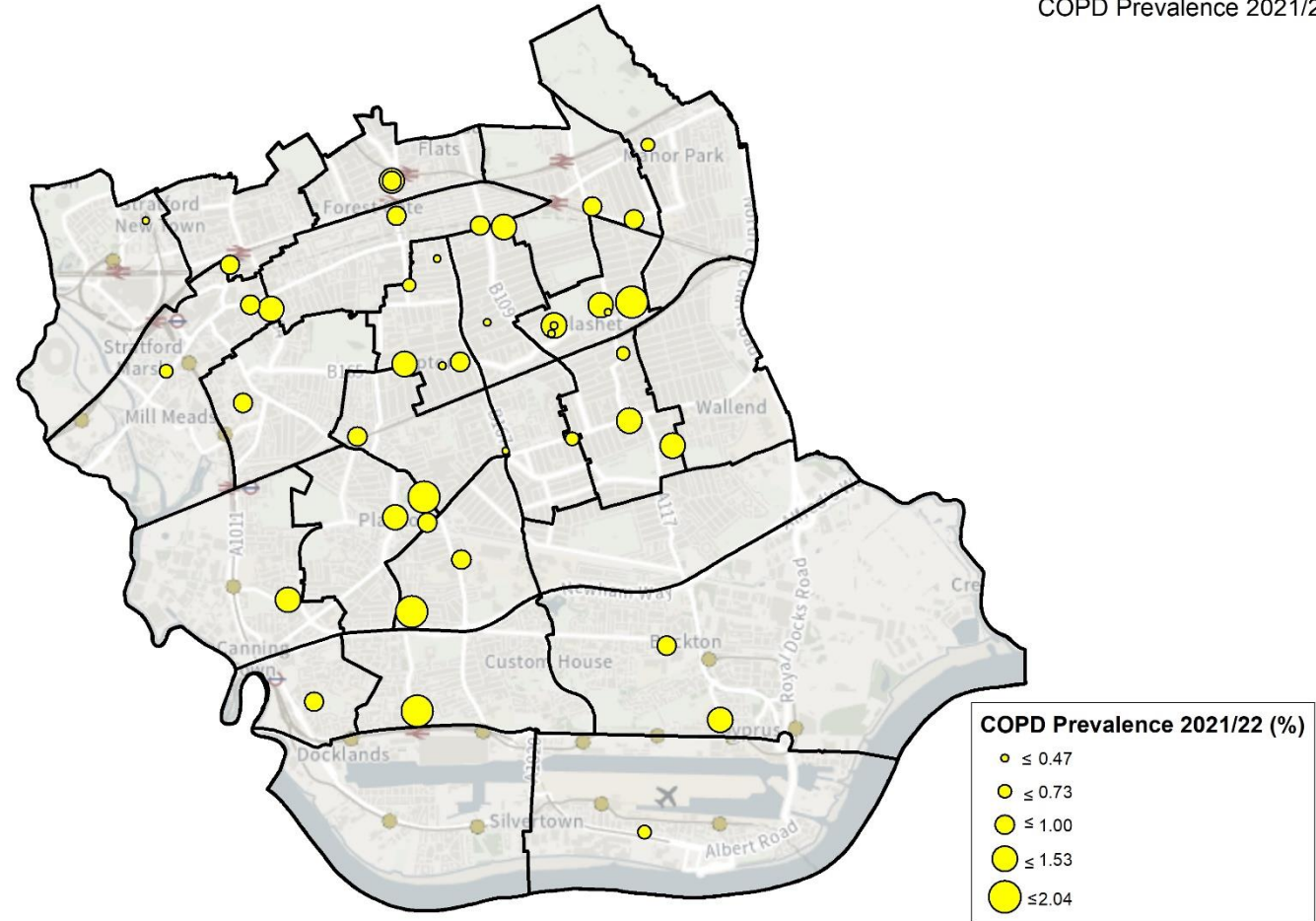
COPD prevalence

In Newham and Central by
GP practice

COPD Prevalence 2021/22

COPD prevalence (% all ages)
in 2021/22

GP practice	COPD prevalence (%)
Essex Lodge	1.7
Balaam Street Practice	1.1
Carpenters Road Practice	0.5
Lucas Avenue Surgery	0.3



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Data source: OHID Fingertips

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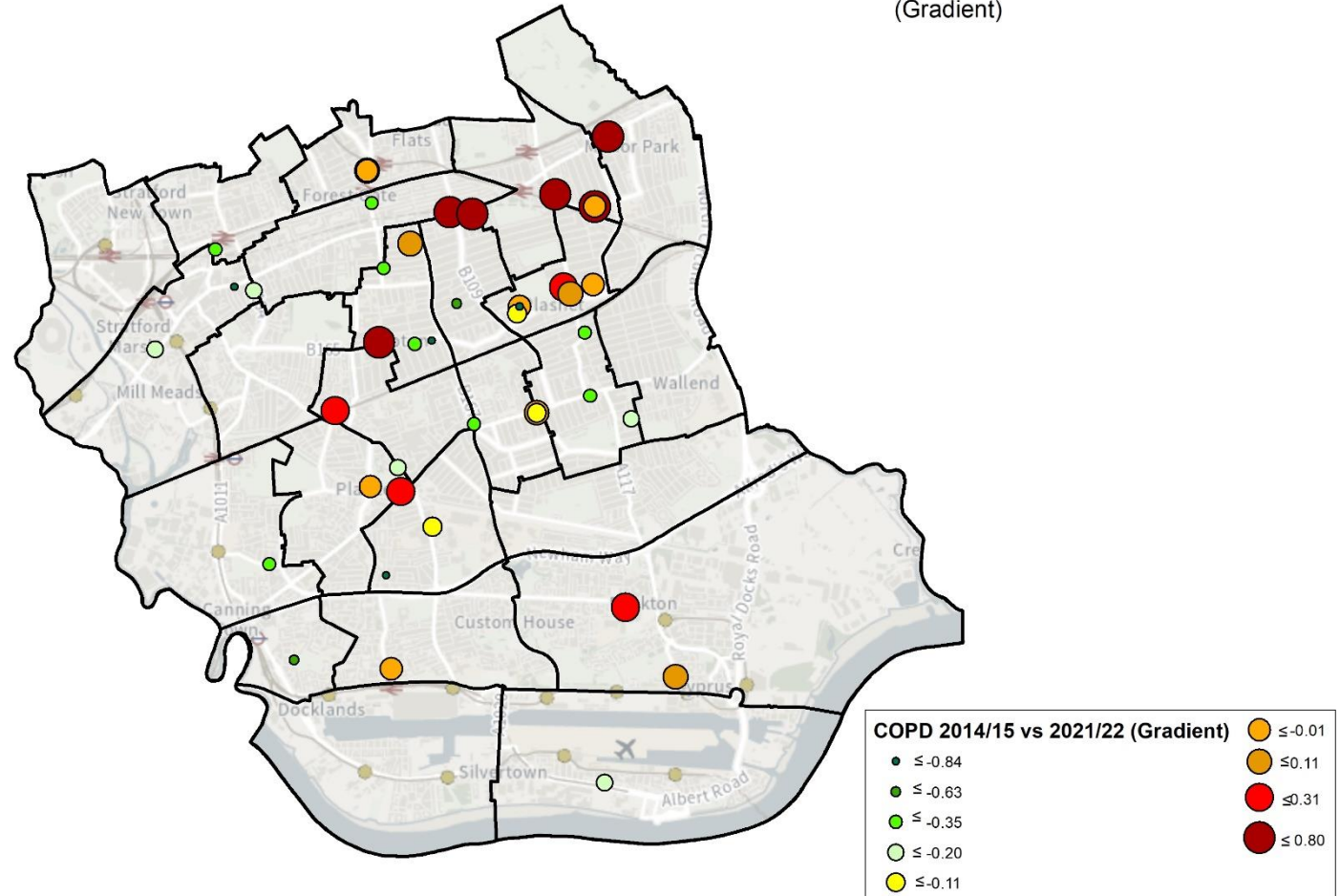
COPD prevalence - gradient change

In Newham and Central by
GP practice

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

GP practice	2015/2016	2021/2022	Gradient change
Balaam Street Practice	0.9	1.1	0.21
Carpenters Road Practice	0.5	0.5	0.03
Essex Lodge	1.7	1.7	0.00
Lucas Avenue Surgery	0.7	0.3	-0.34

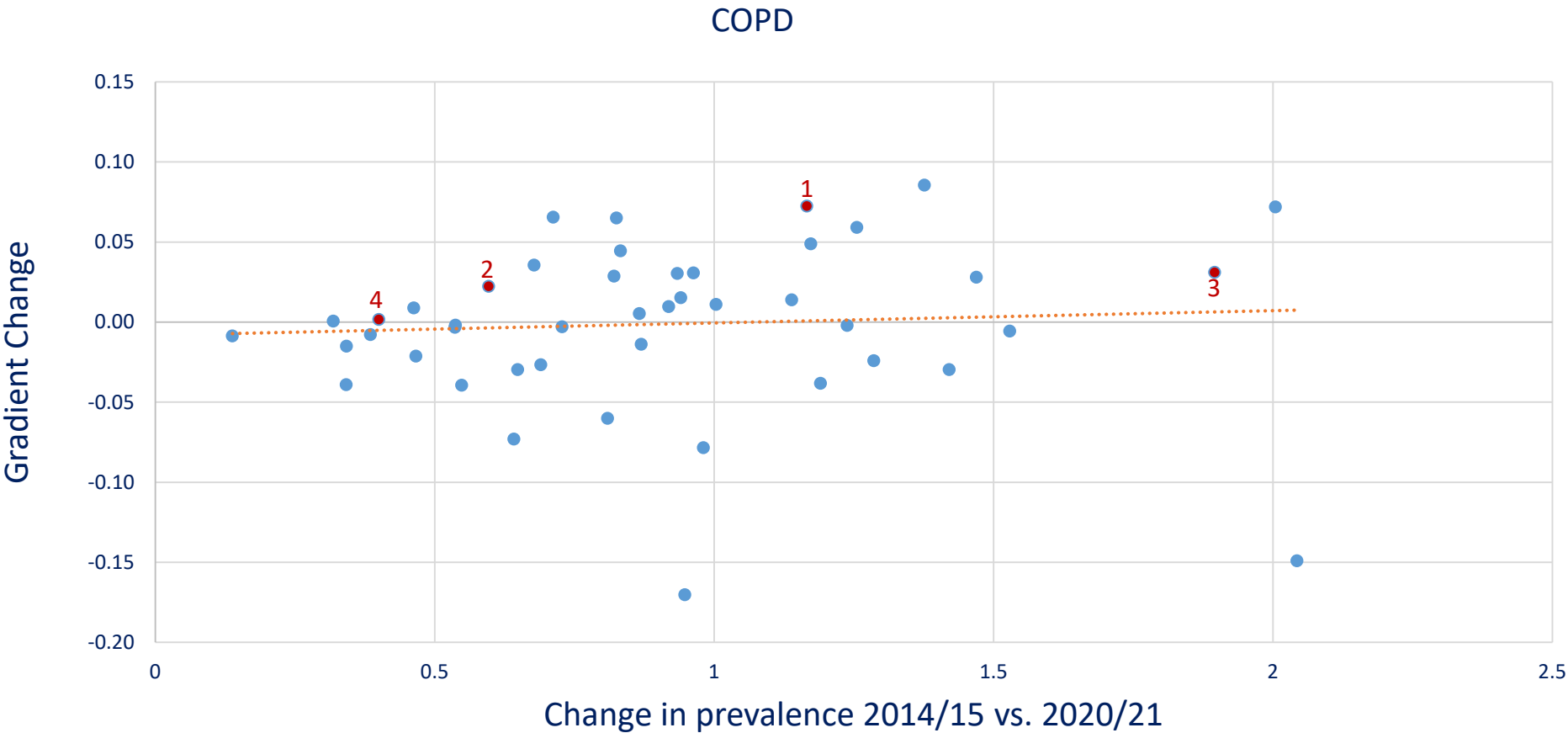
COPD 2014/15 vs. 2021/22 by GP Surgery
(Gradient)



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



Key

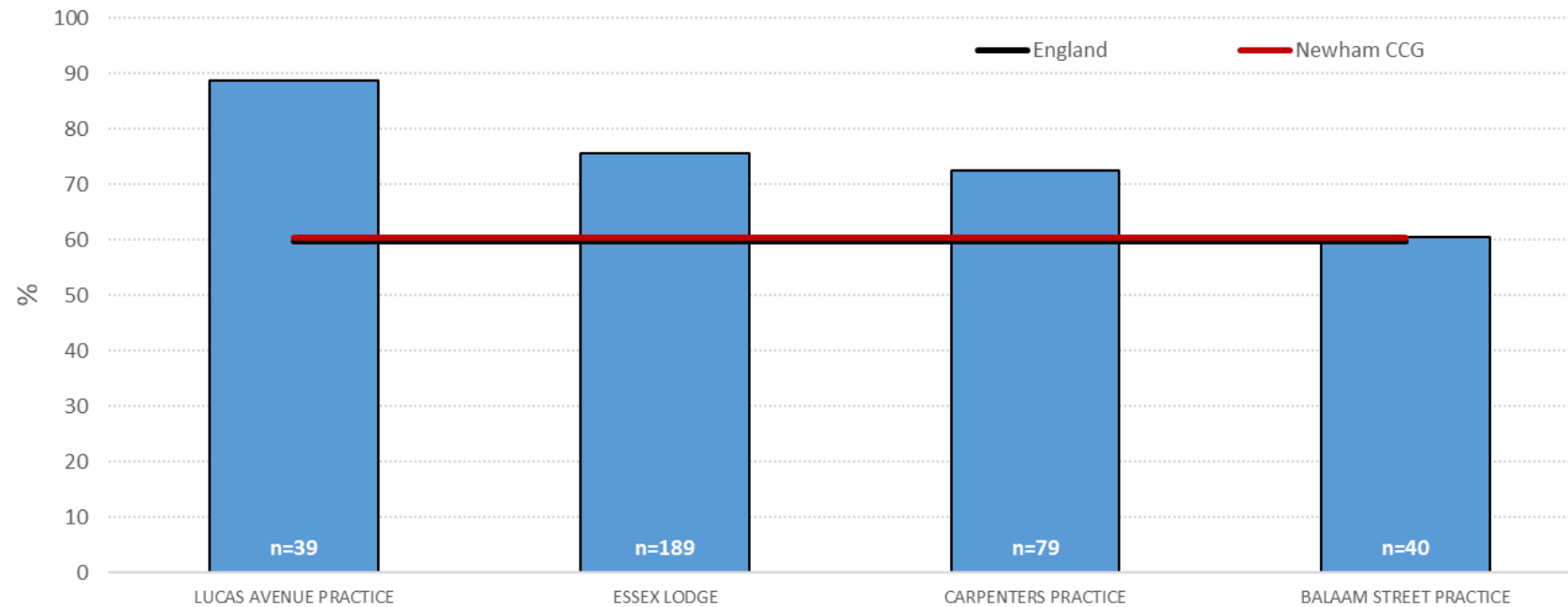
- 1 Balaam Street Practice
- 2 Carpenters Road Practice
- 3 Essex Lodge
- 4 Lucas Avenue Surgery

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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)



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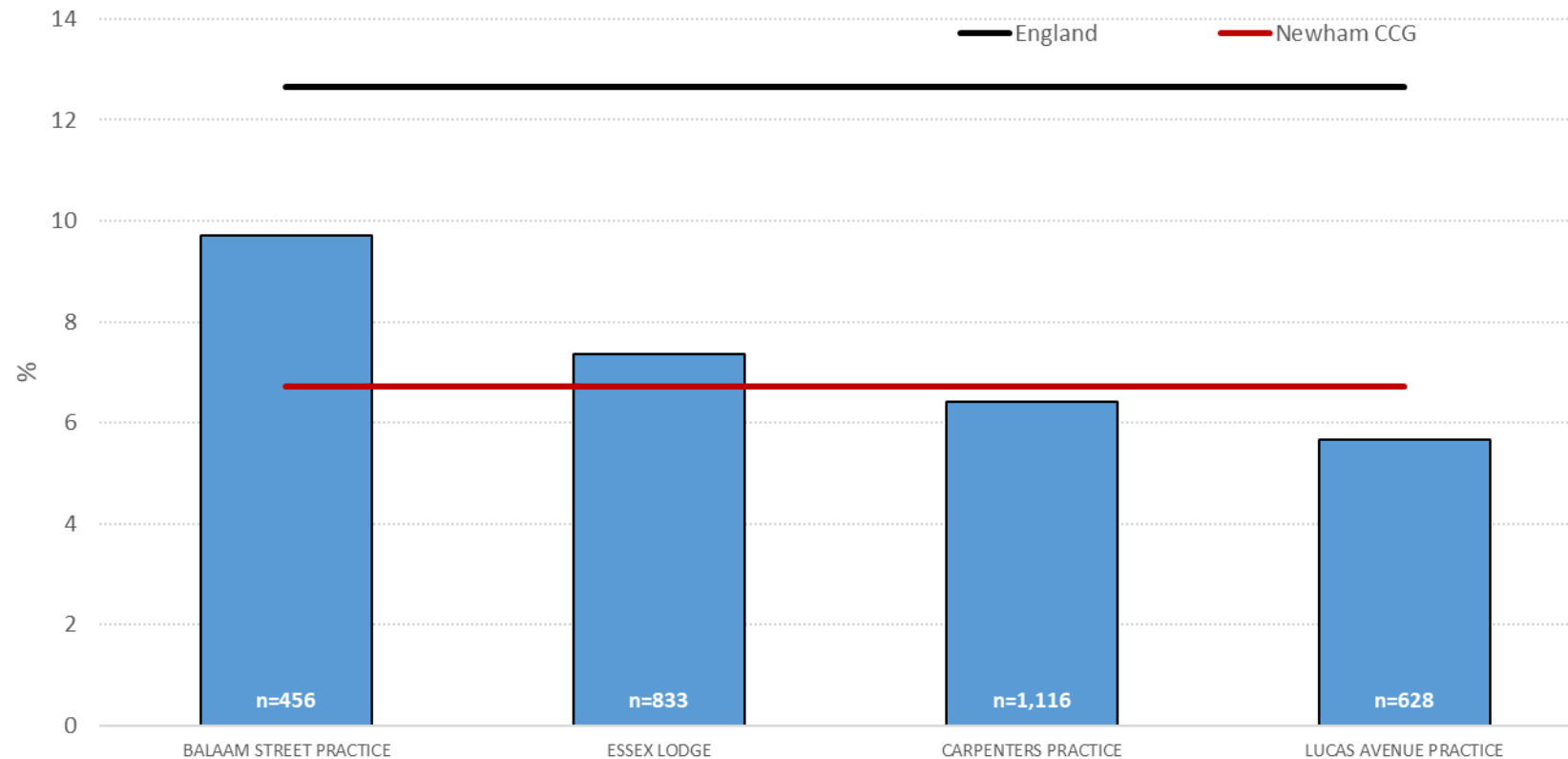
Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

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Mental health: Depression prevalence

Depression Prevalence (18+): 2021/22

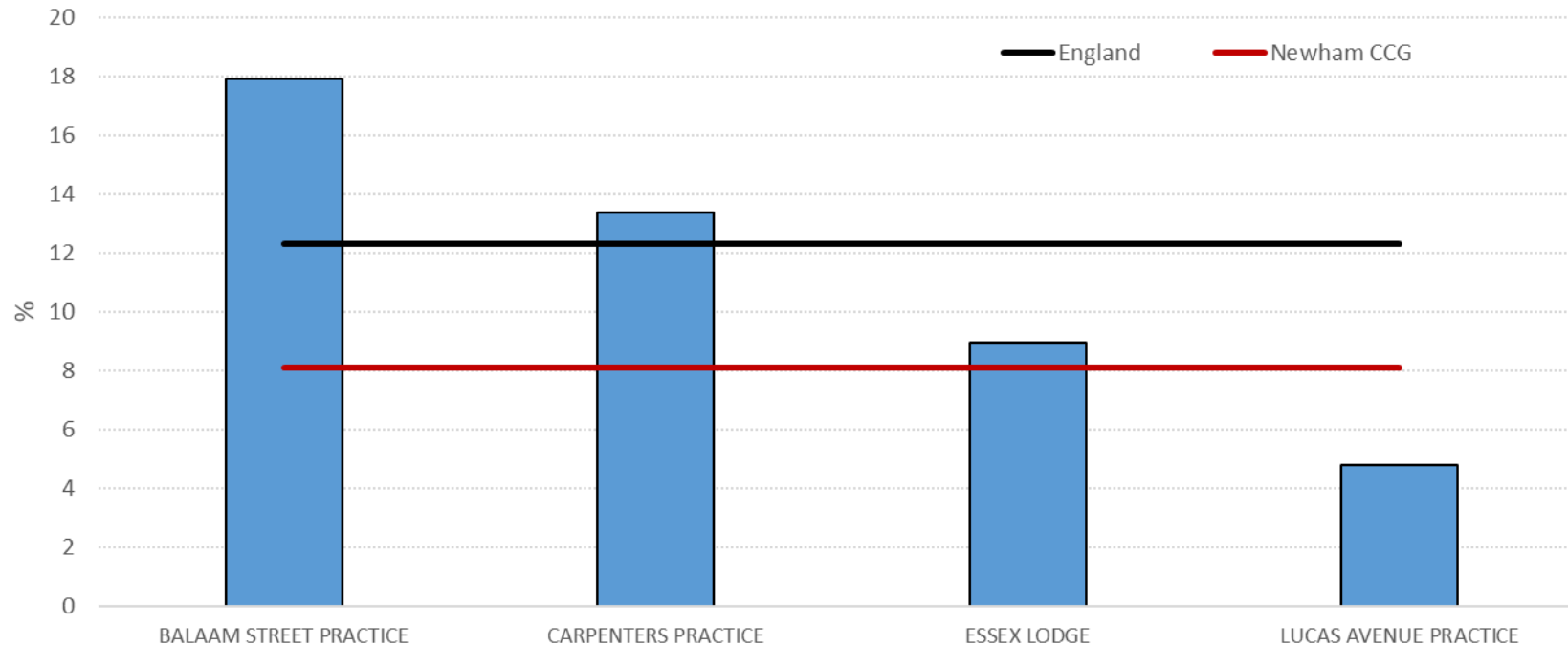


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Mental health: Long term mental health problem

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



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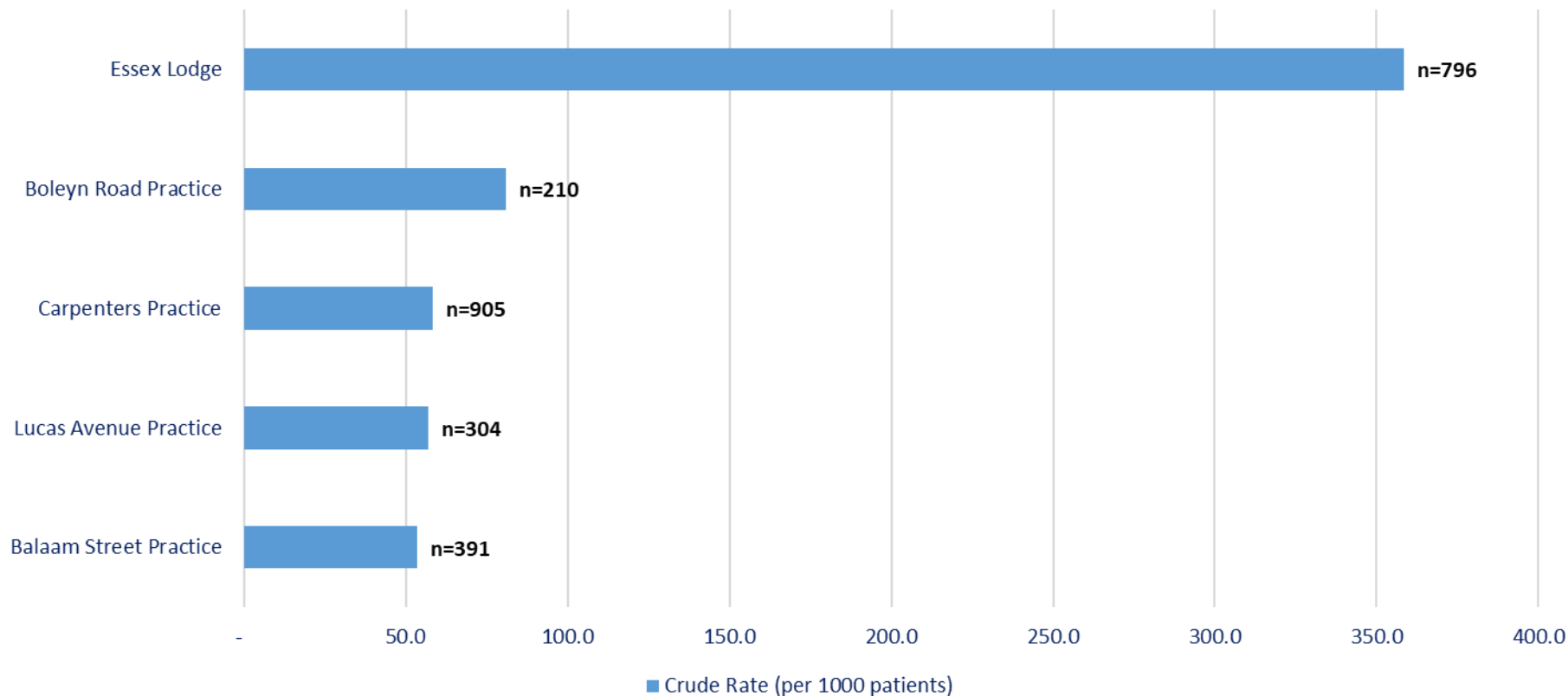
Data source: OHID Fingertips

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Chronic mental illness (CMI)

Rate of CMI by practice - Central (n=2,606)

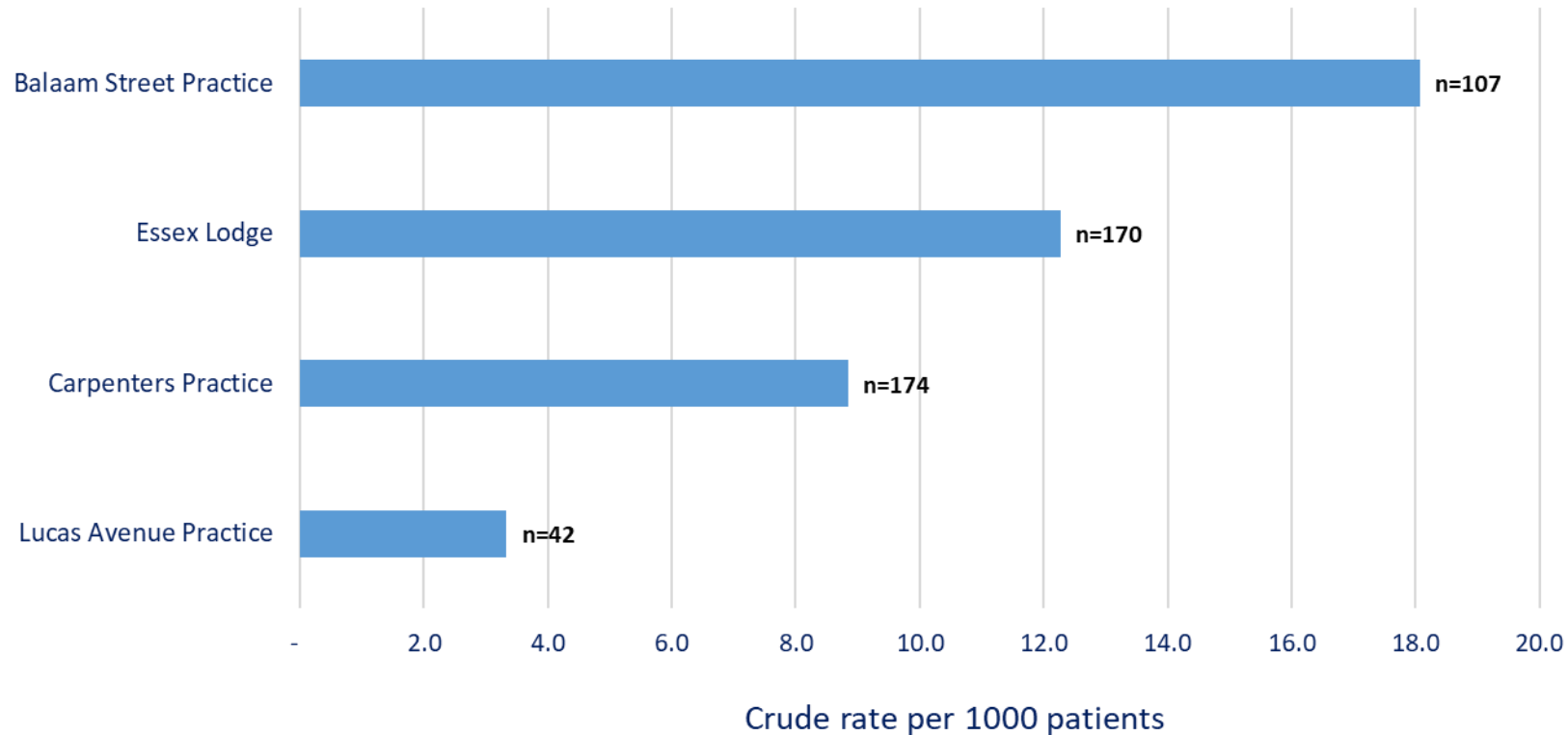


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Serious mental illness (SMI)

Rate of SMI by by practice - Central



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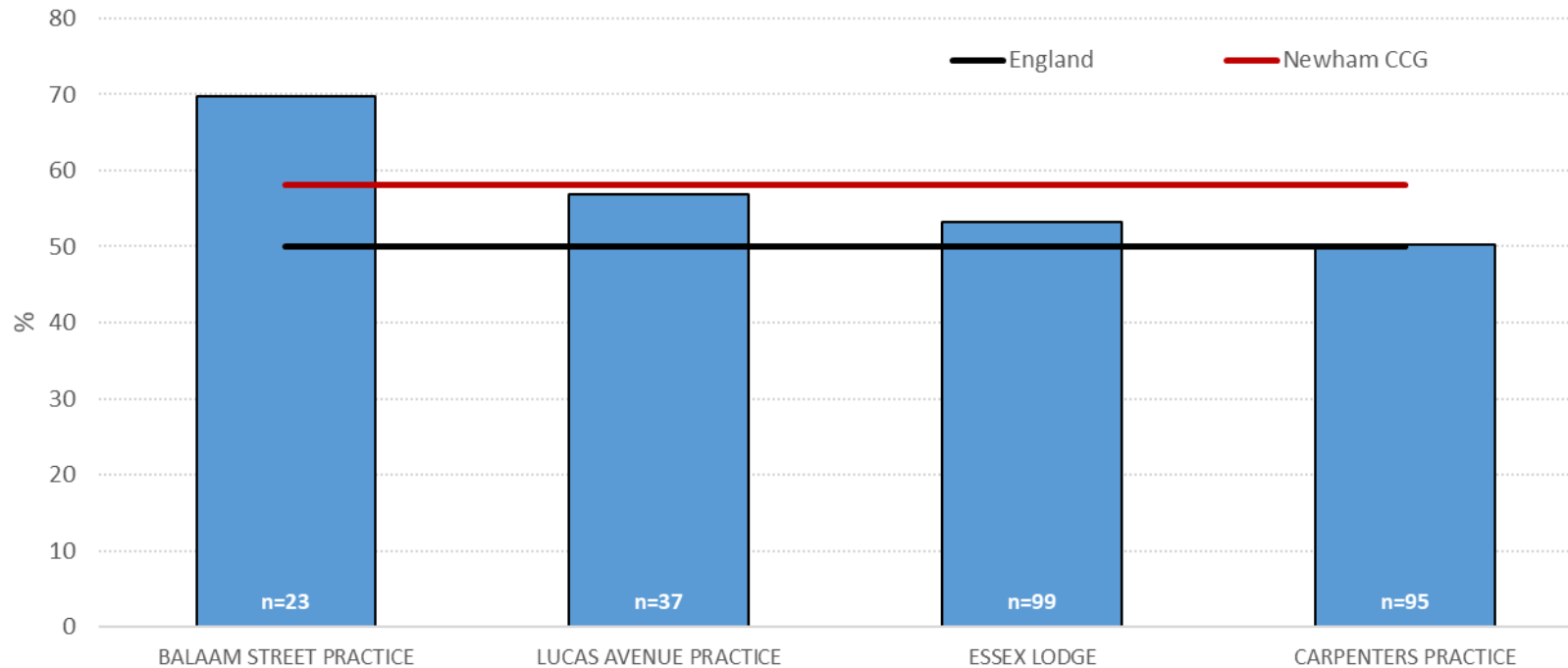
Data source: Clinical Effectiveness Group

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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)



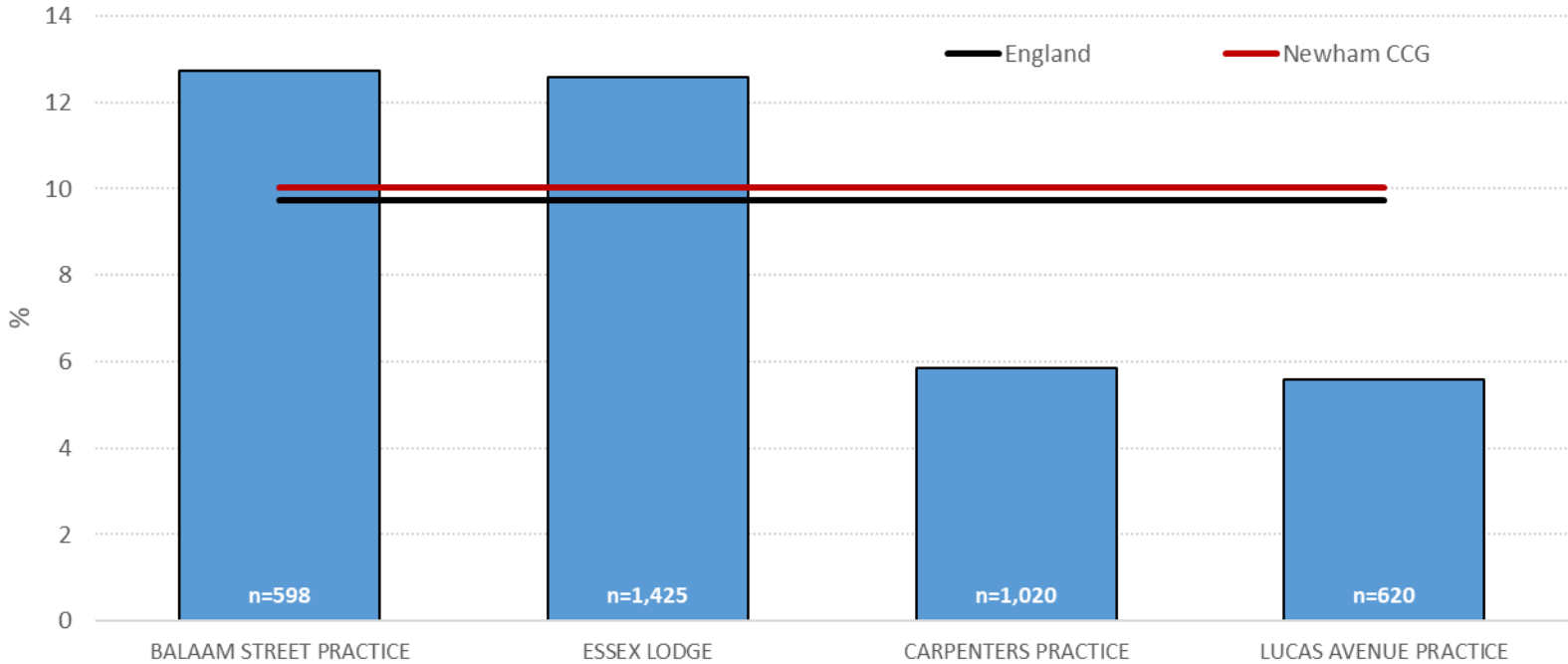
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Obesity: Prevalence 18+



Obesity Prevalence (18+): 2021/22



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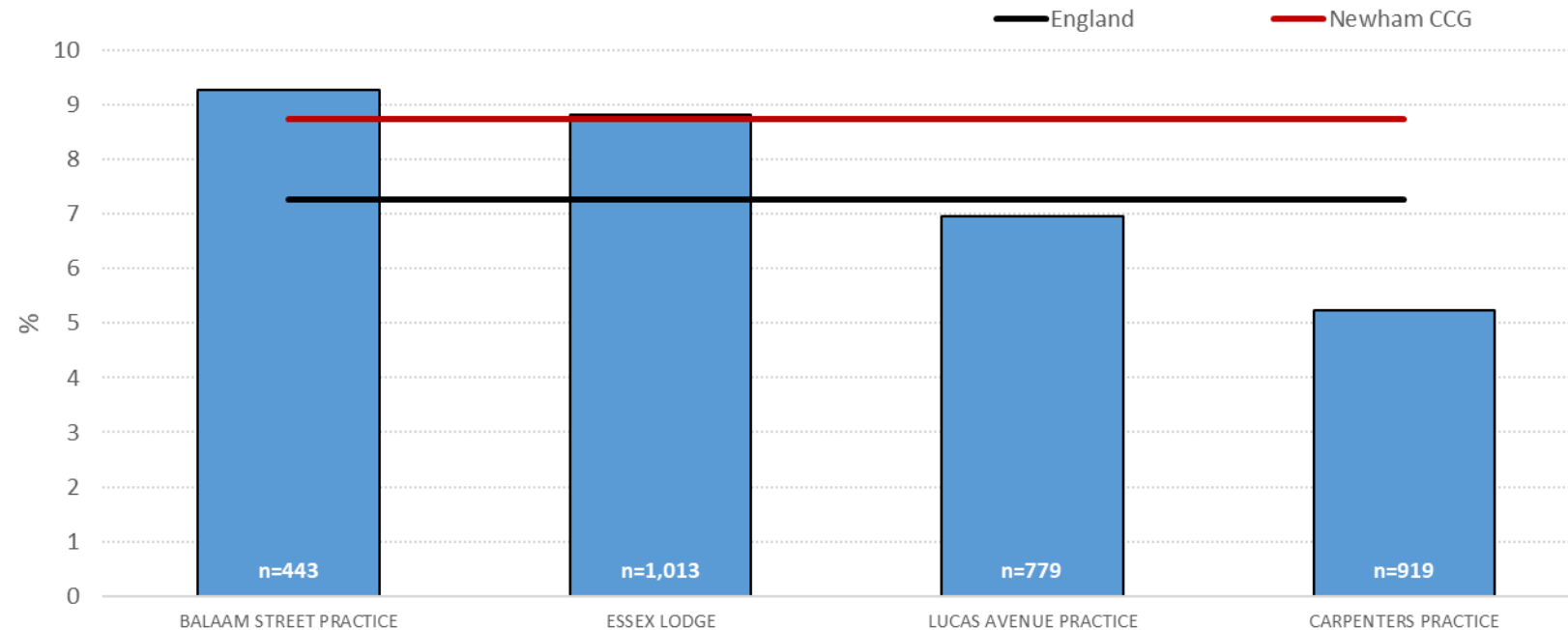
Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

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Diabetes prevalence – as of Nov 2021 (Type 1 and Type 2 diabetes mellitus)

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



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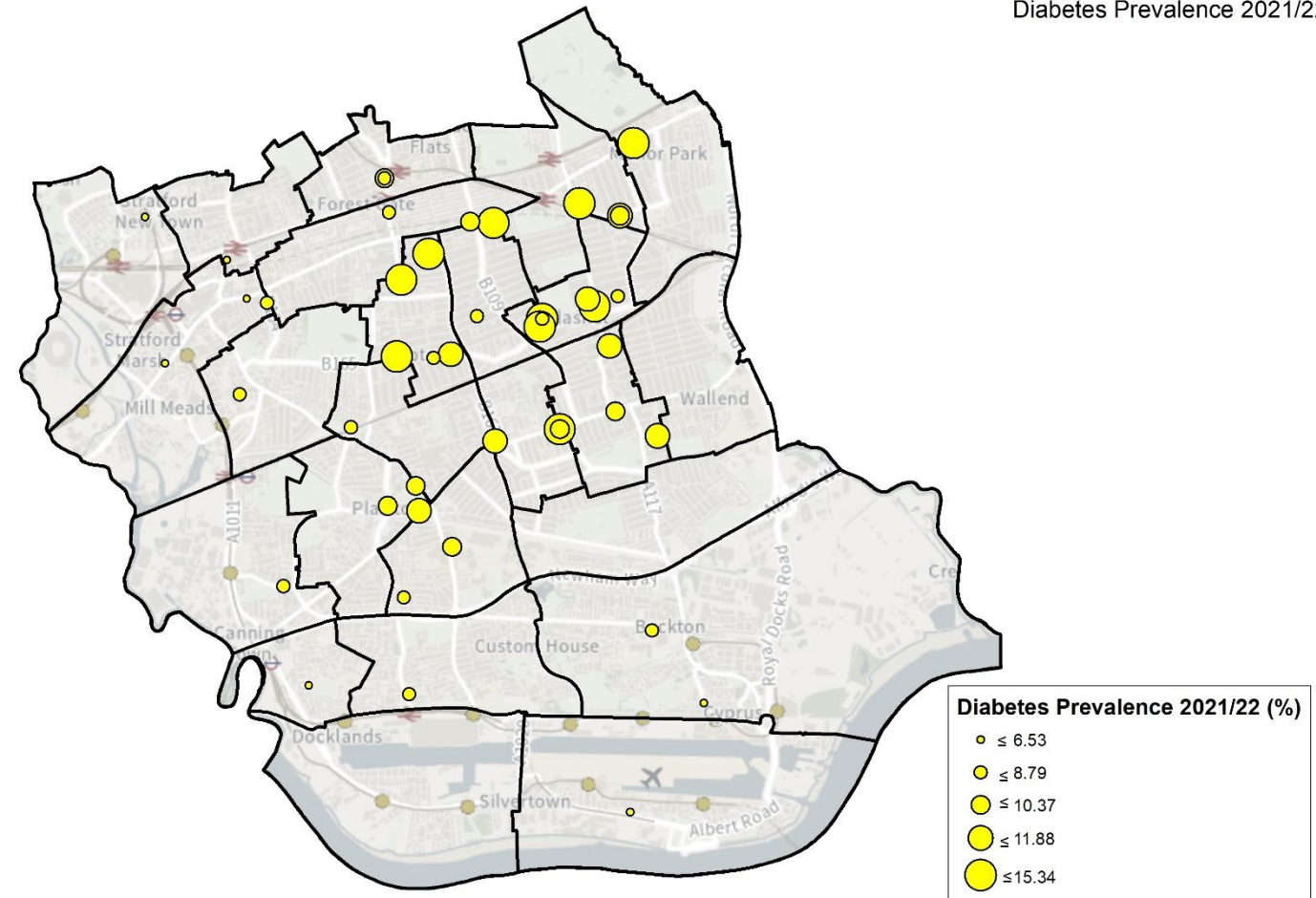
Diabetes prevalence

In Newham and Central by
GP practice

Diabetes Prevalence 2021/22

Diabetes prevalence (% all ages)
in 2021/22

GP practice	Diabetes prevalence (%)
Balaam Street Practice	9.3
Essex Lodge	8.8
Lucas Avenue Practice	7.0
Carpenters Practice	5.2



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Data source: OHID Fingertips

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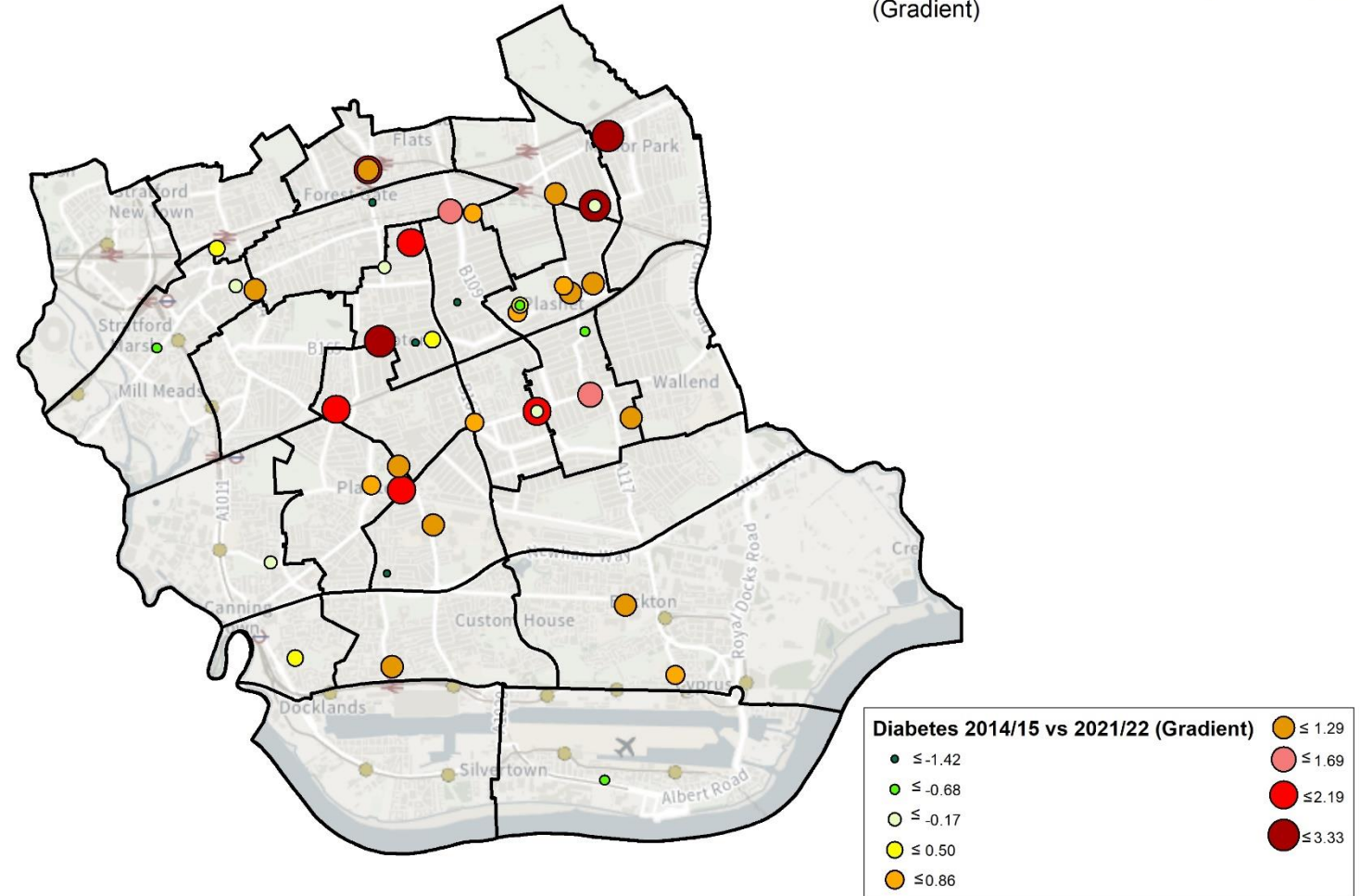
Diabetes prevalence - gradient change

In Newham and Central by
GP practice

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

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

GP practice	2015/2016	2021/2022	Gradient change
Balaam Street Practice	8.4	9.3	0.86
Carpenters Road Practice	6.3	5.2	-1.10
Essex Lodge	7.5	8.8	1.30
Lucas Avenue Surgery	8.5	7.0	-1.55



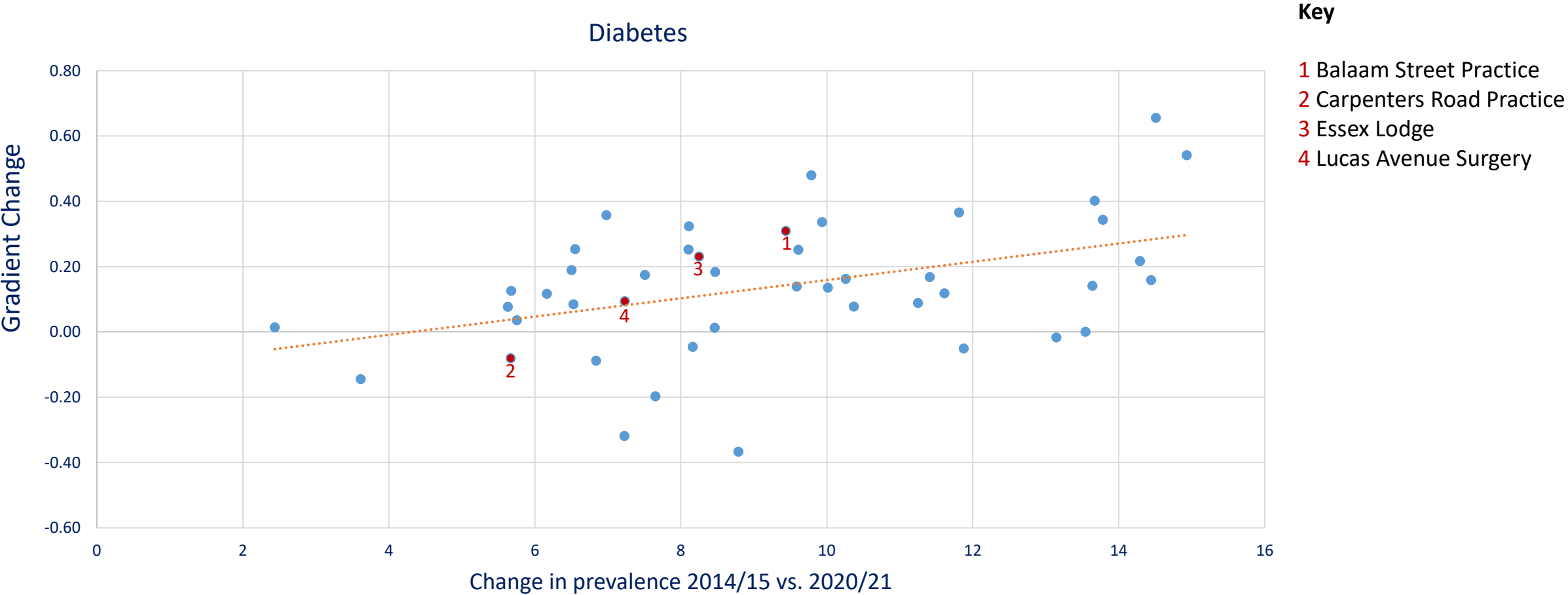
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Data source: OHID Fingertips

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

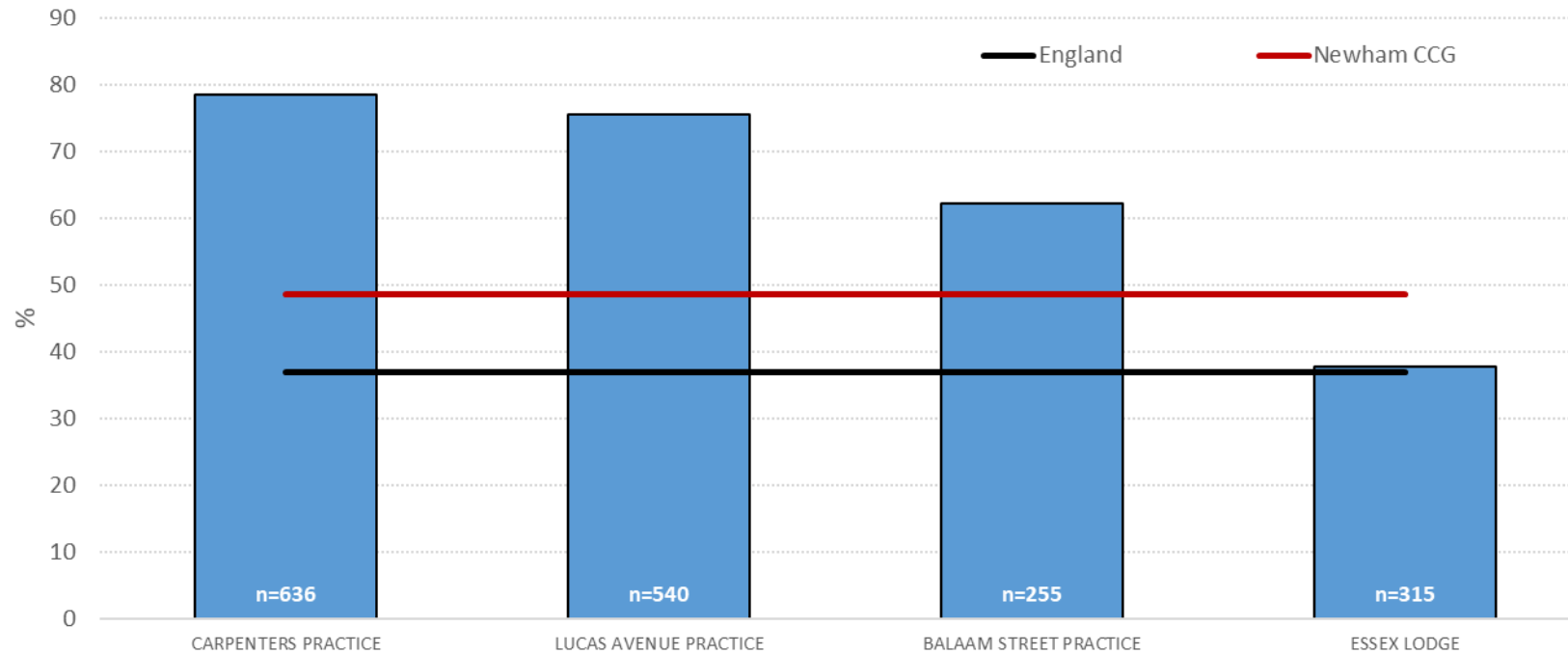


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Diabetes: Type 2 diabetic patients who have 8 recorded care processes

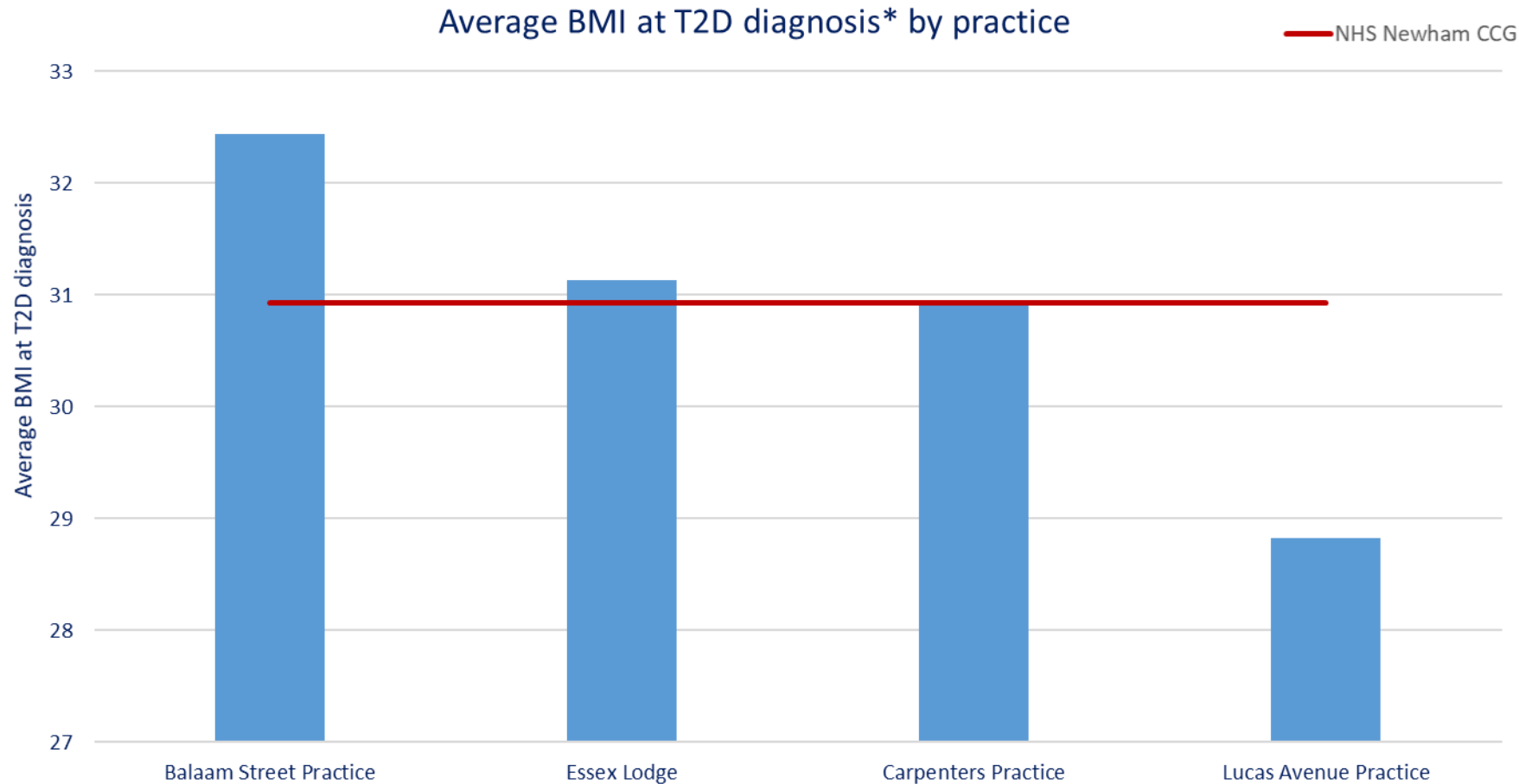
Type 2 diabetic patients who have 8 recorded care processes 2021/22



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



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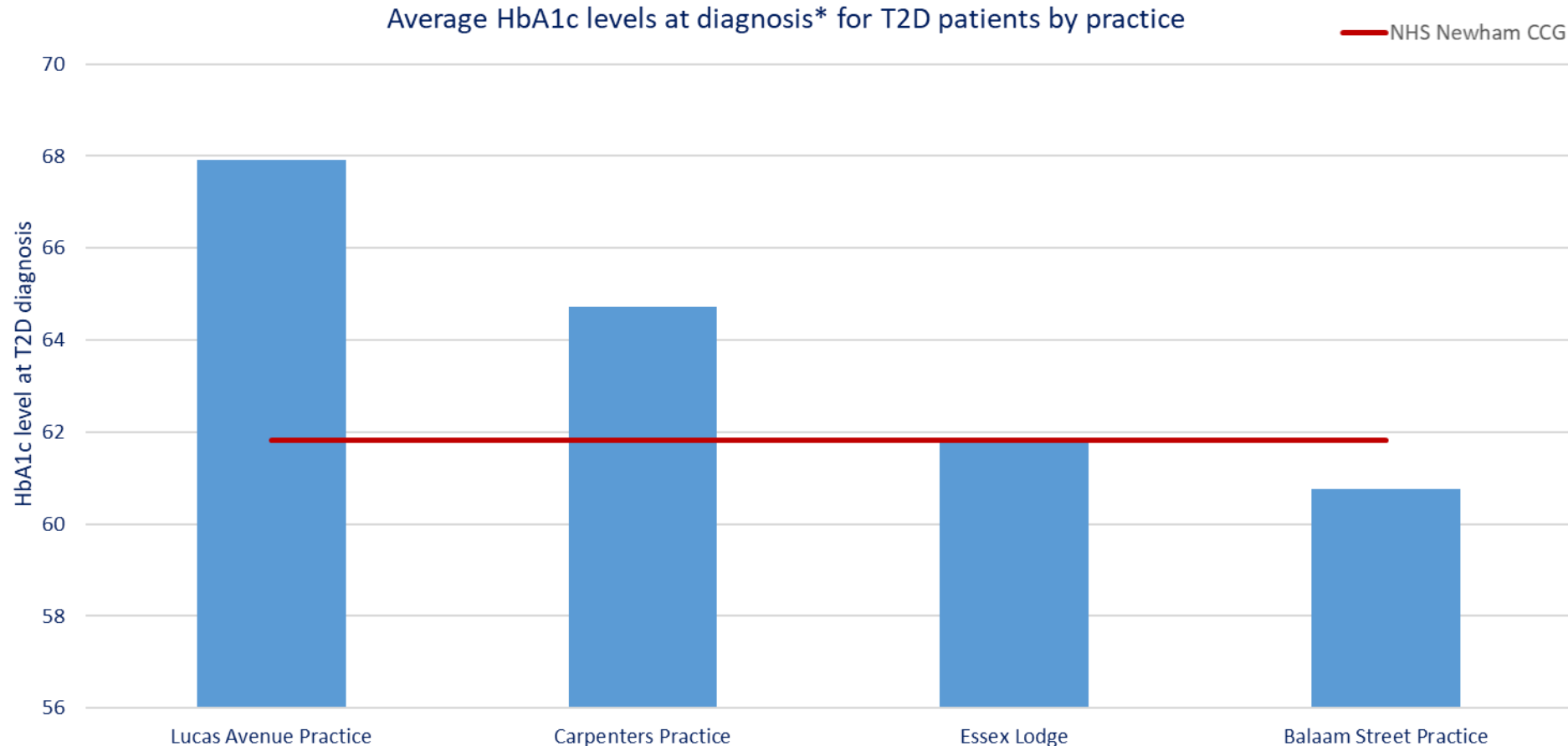
*Diagnosis refers to value taken between 3 months before to 2 months after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

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



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

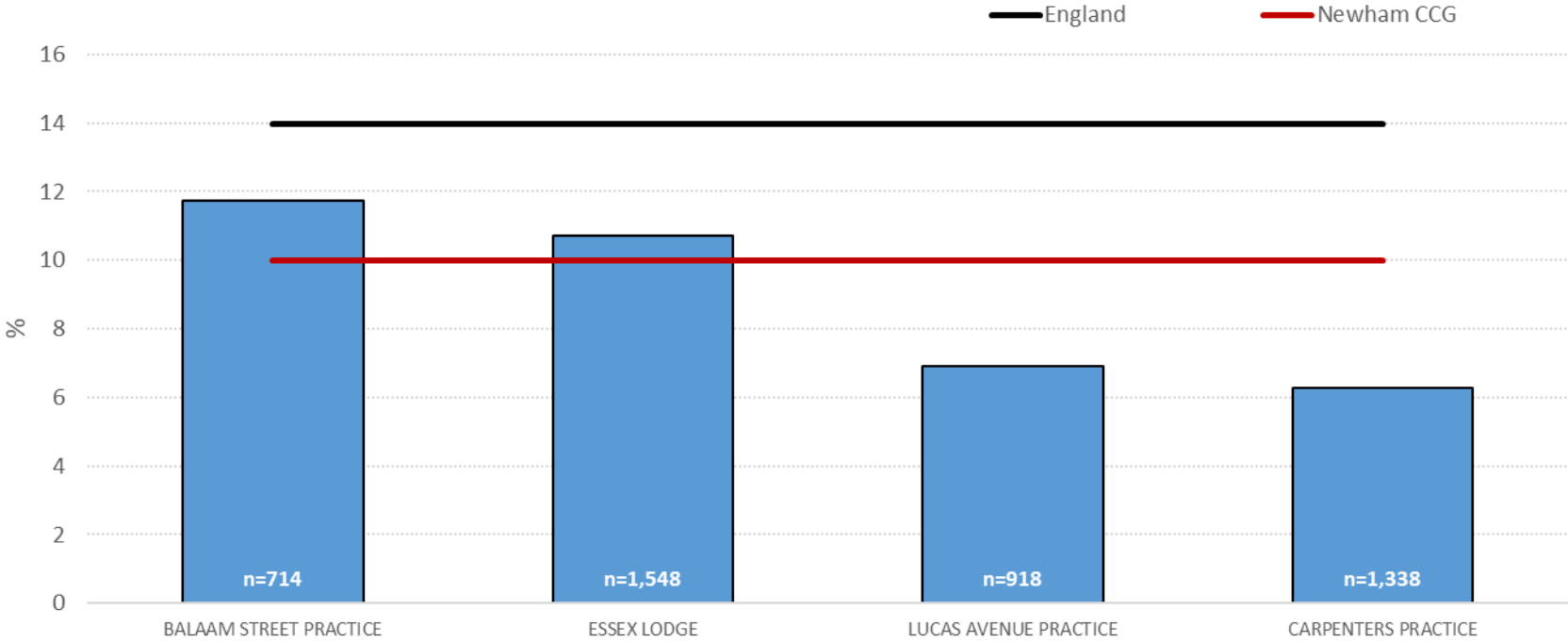
Data source: Clinical Effectiveness Group (CEG)

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Hypertension: Prevalence

Hypertension Prevalence 2021/22



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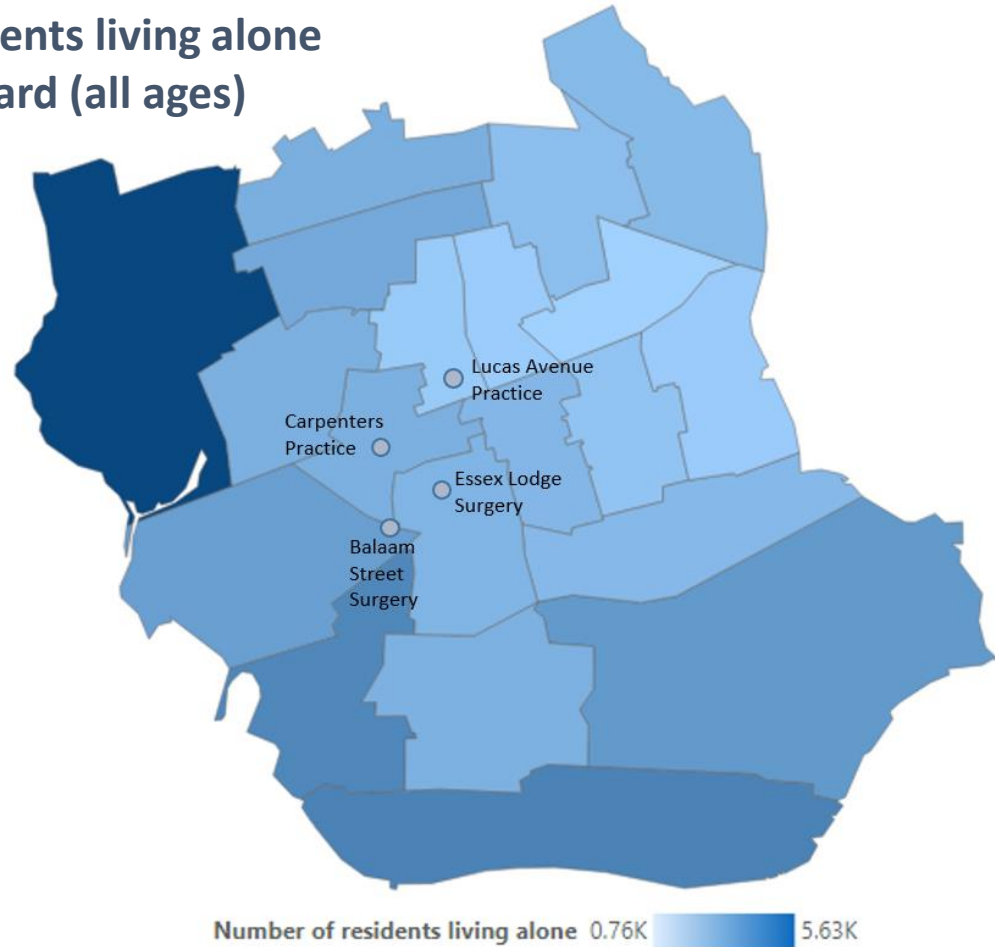
Data source: Quality and Outcomes Framework (QOF) via Fingertips, PHE

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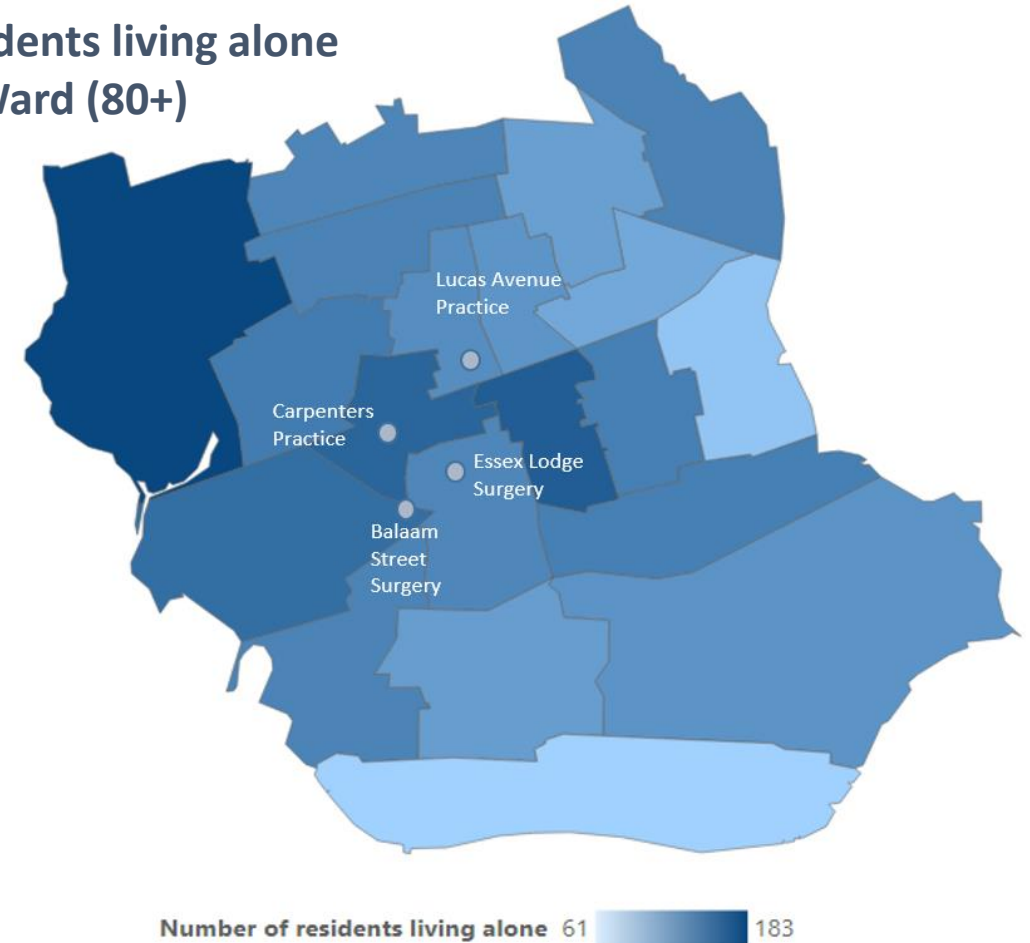
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Living alone

Residents living alone by Ward (all ages)



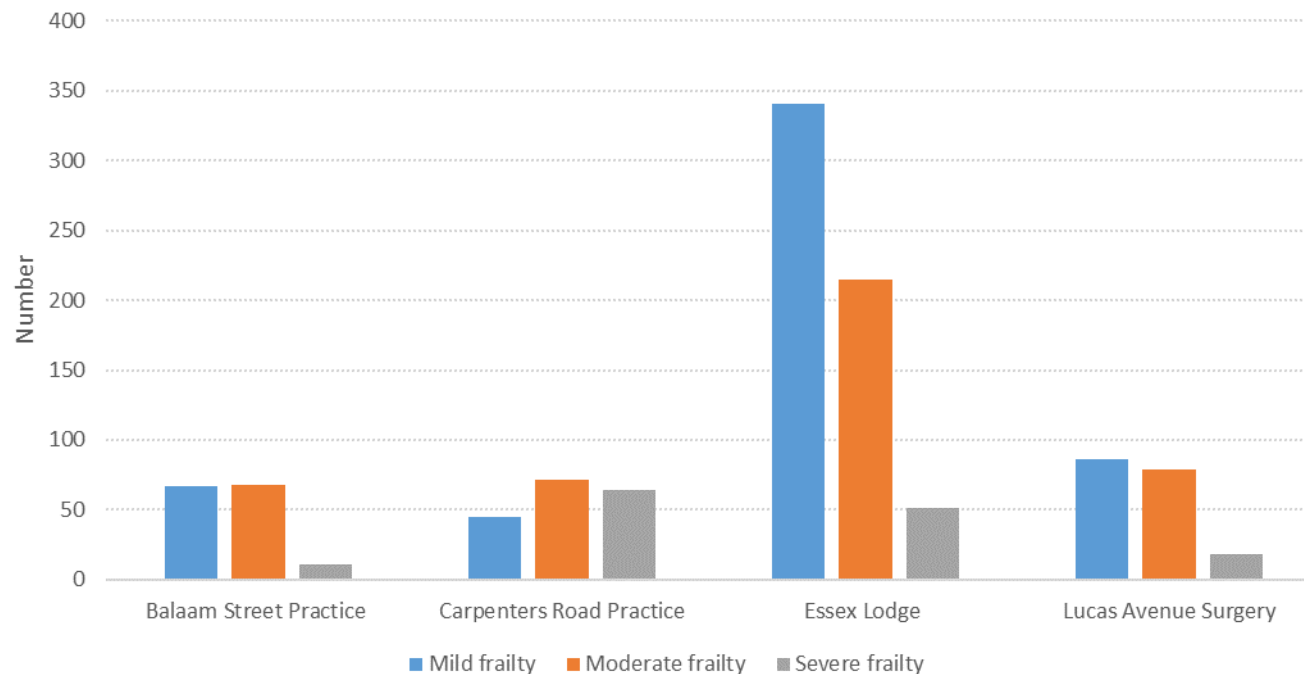
Residents living alone by Ward (80+)



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Patients 65+ with recorded frailty score by GP Practice

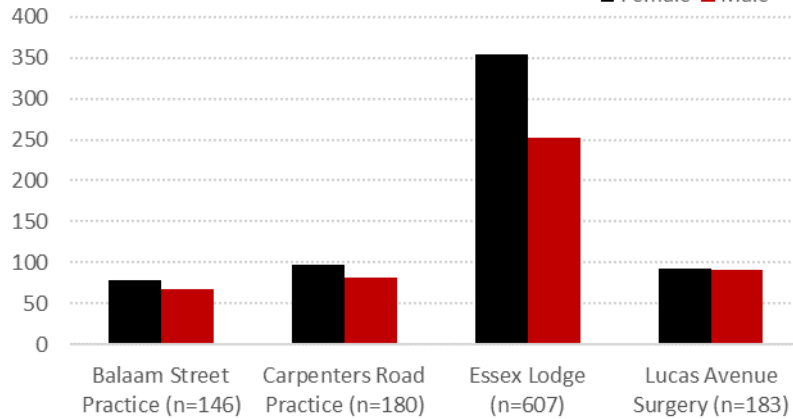


- The data is a snapshot as at 1st April 2020
- Patients in this data are those with a frailty score recorded between 2016-2020
 - Score 0 to 0.12 represents patients without frailty
 - >0.12 to 0.24 represents patients with mild frailty
 - >0.24 to 0.36 represents patients with moderate frailty
 - >0.36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

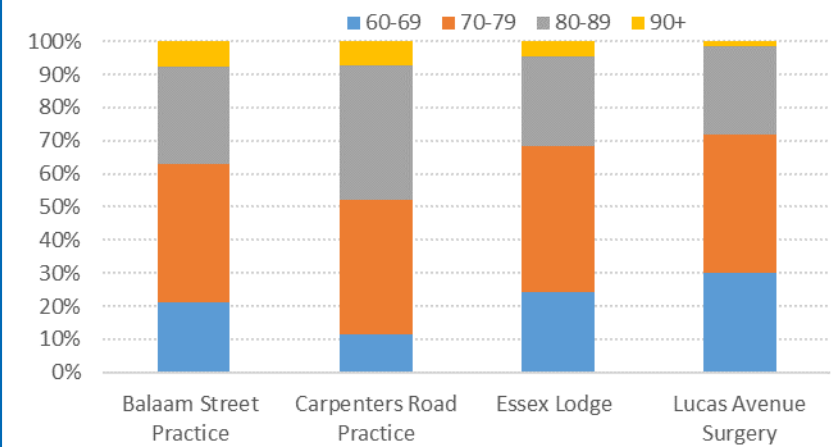
Frailty by ethnicity and age

- The data is a snapshot as at 1st April 2020
- Females account for the highest proportion at 59% compared to 41% 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

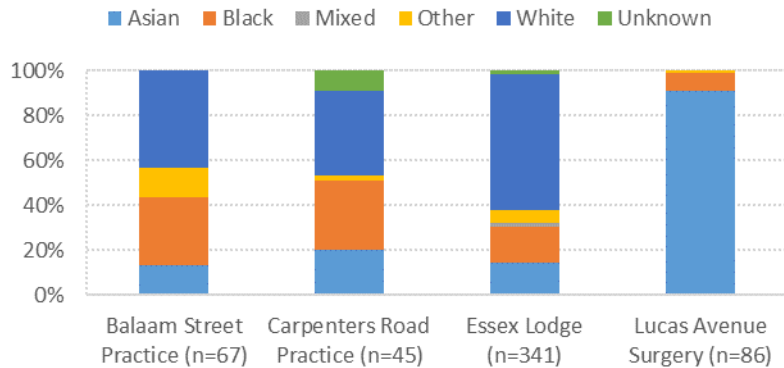
Patients aged 65+ with mild, moderate or severe frailty by gender



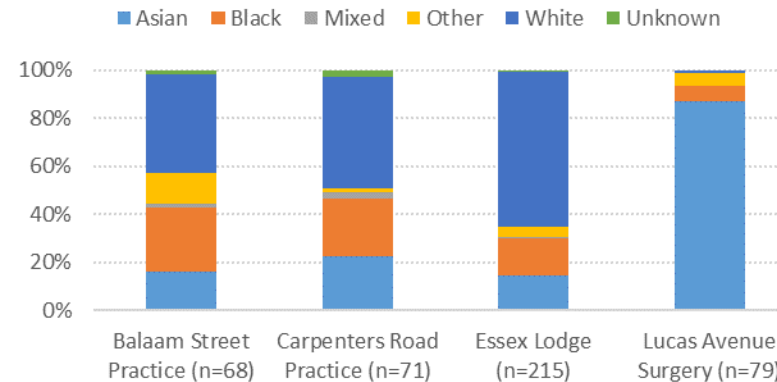
Patients aged 65+ with mild, moderate or severe frailty by gender



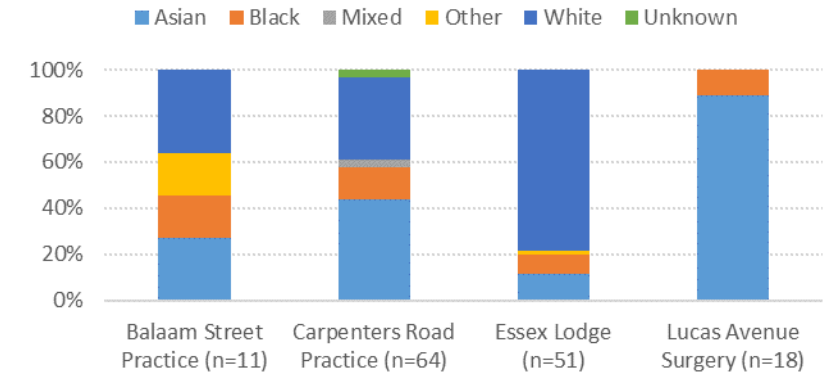
Mild frailty aged 65+ by practice and ethnic group



Moderate frailty aged 65+ by practice and ethnic group

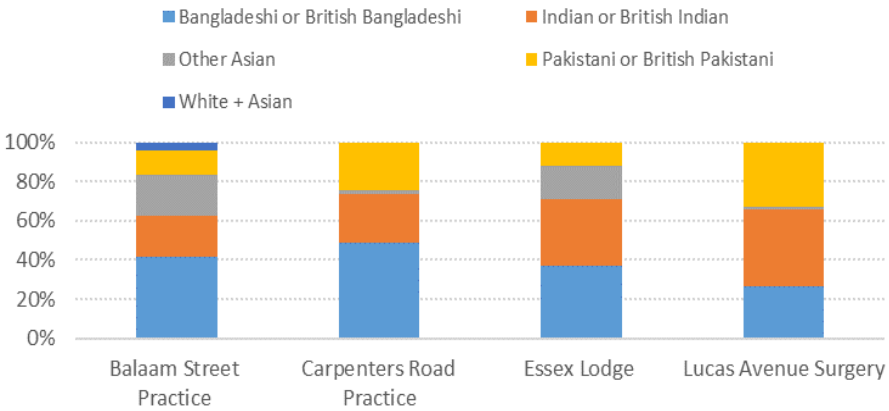


Severe frailty aged 65+ by practice and ethnic group

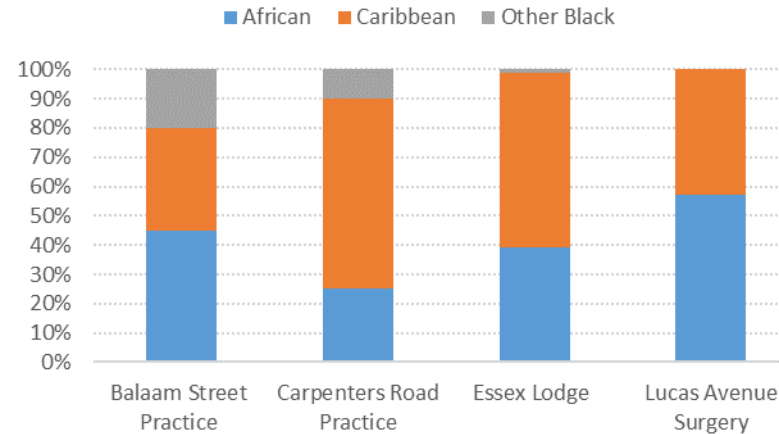


Frailty showing detailed ethnicity

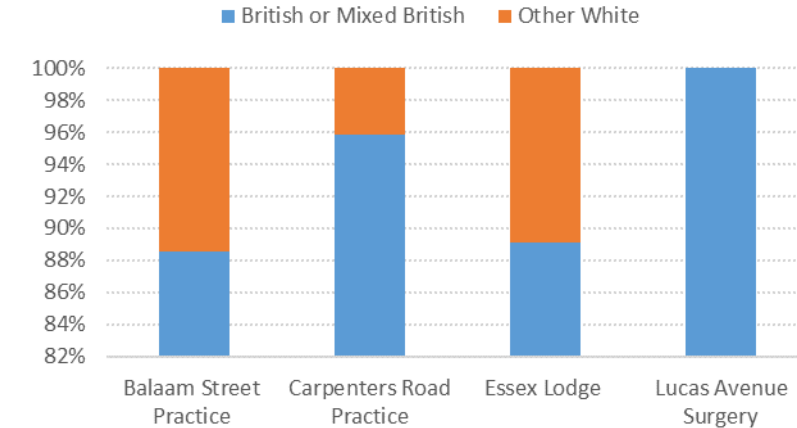
Proportion of Asian ethnicities by GP Practice



Proportion of Black ethnicities by GP Practice



Proportion of White ethnicities by GP Practice

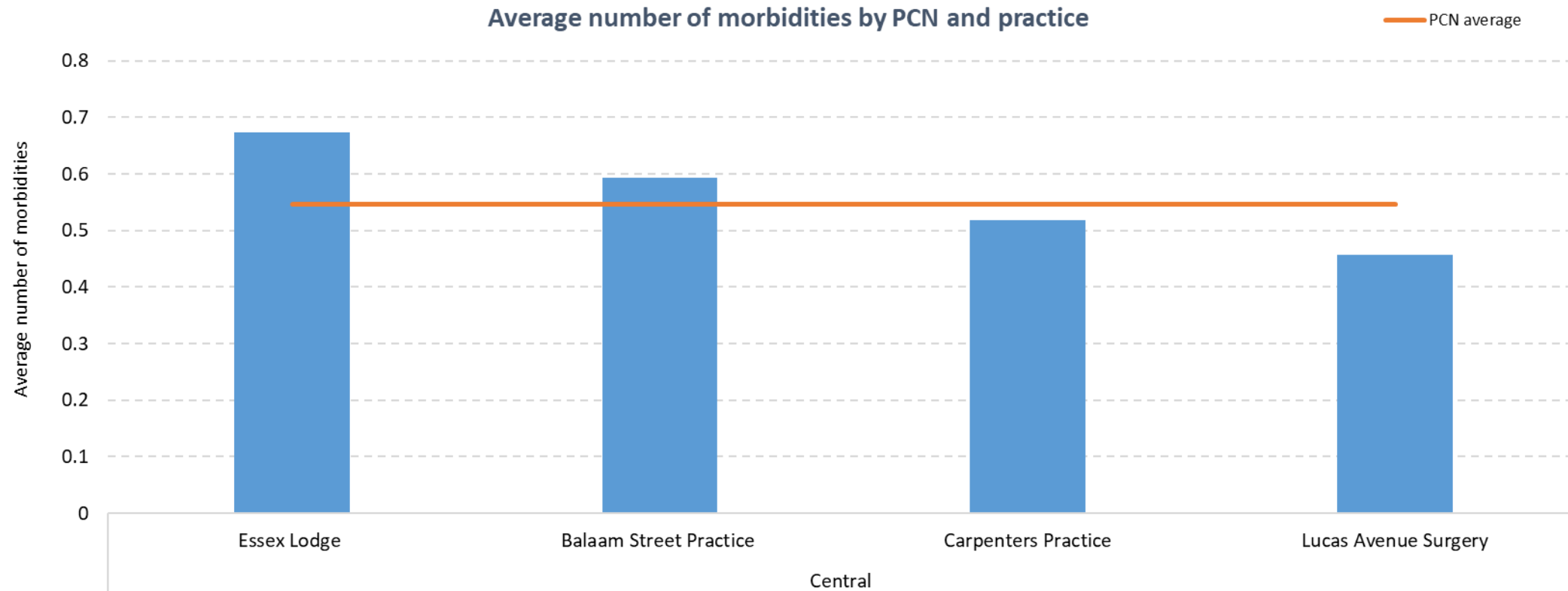


- Asian ethnicities make up 37.1% of all Central PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the Asian ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all Asian ethnicities are shown for each practice

- Black ethnicities make up 15.5% of all Central 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 40.6% of all Central 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



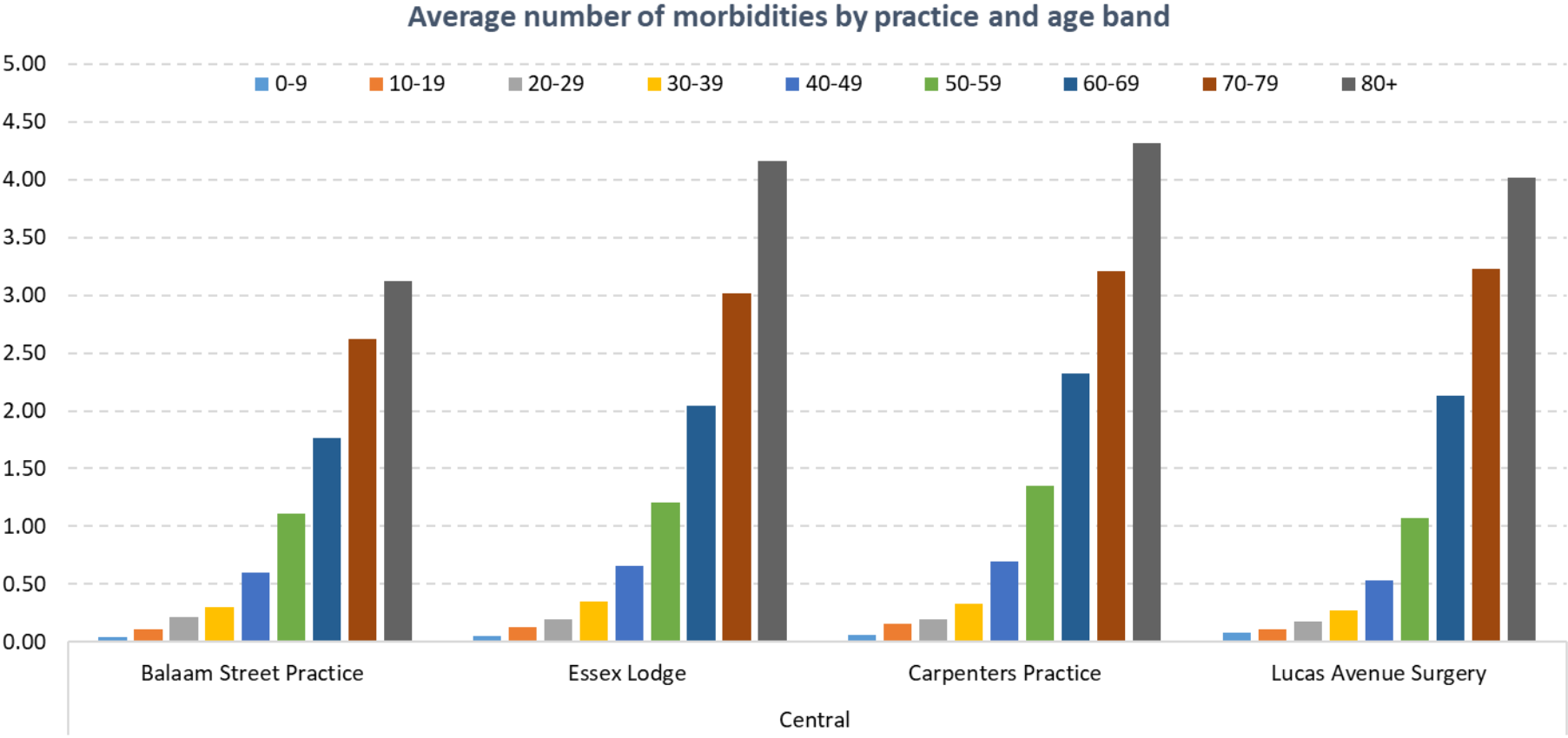
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Data source: Clinical Effectiveness Group – ELDB (2021)

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Multi-morbidity: Average number by practice and age



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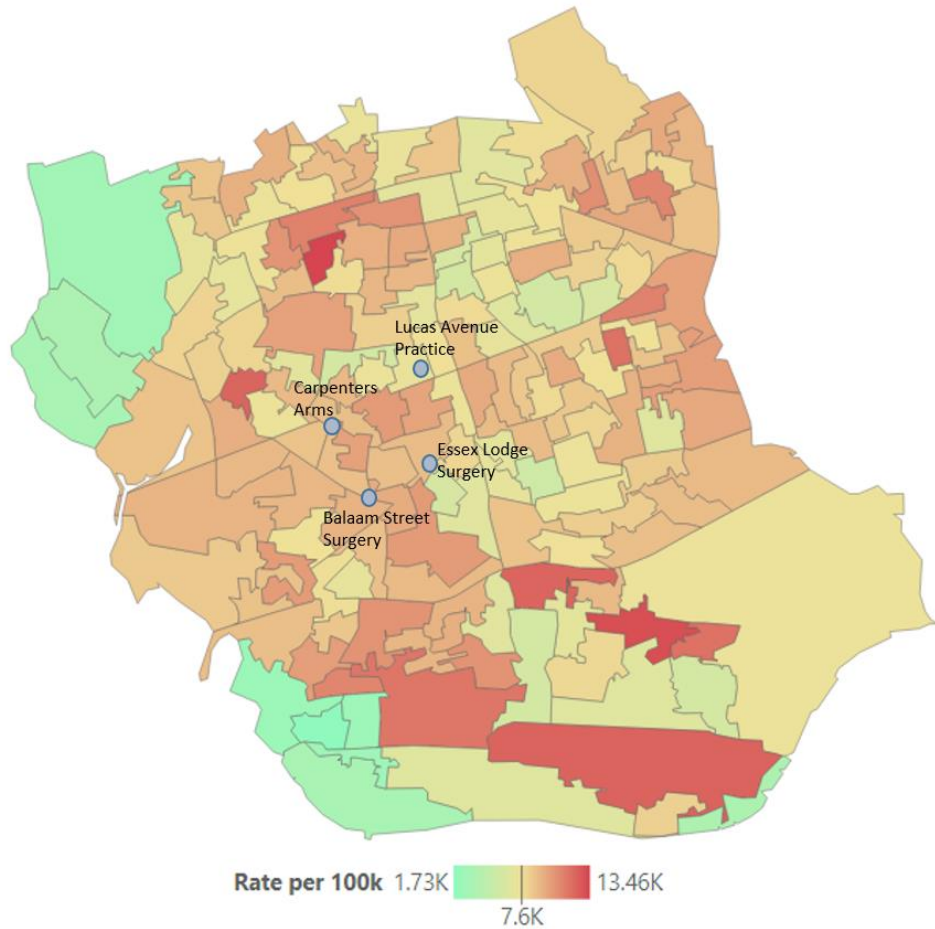
Data source: Clinical Effectiveness Group – ELDB (2021)

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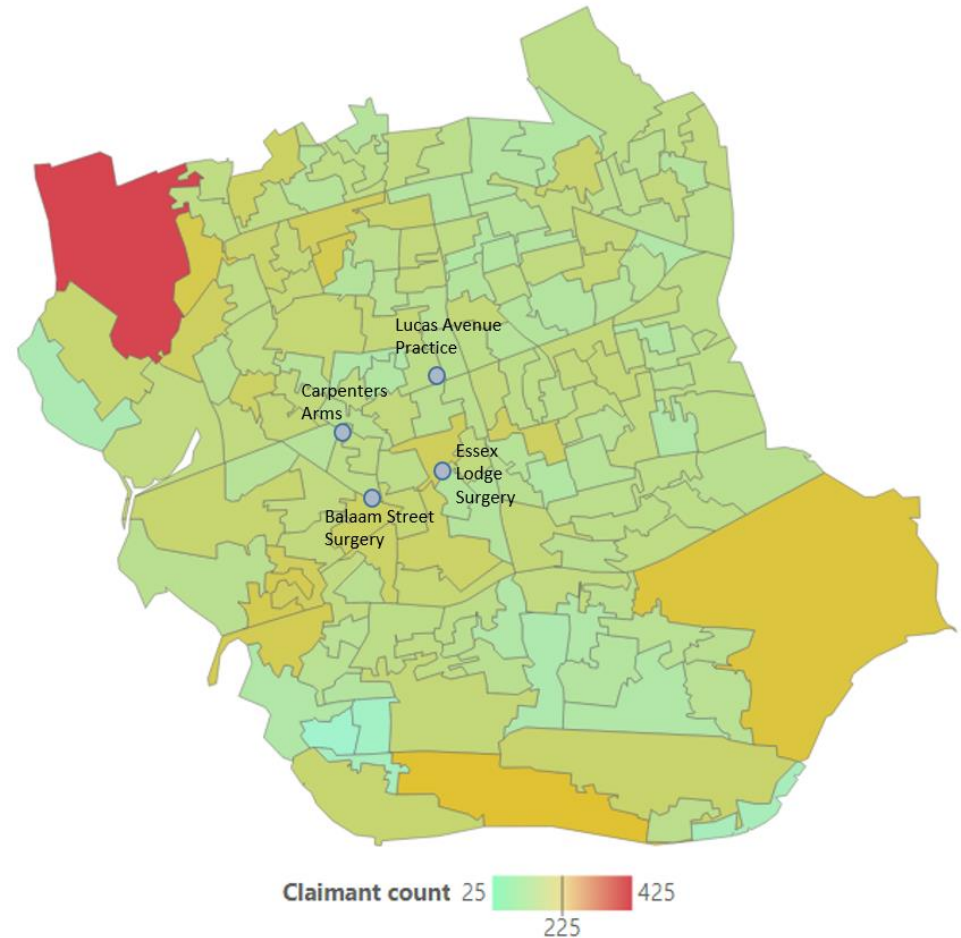
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Unemployment

Claimant count crude rate per 100k by LSOA February 2022

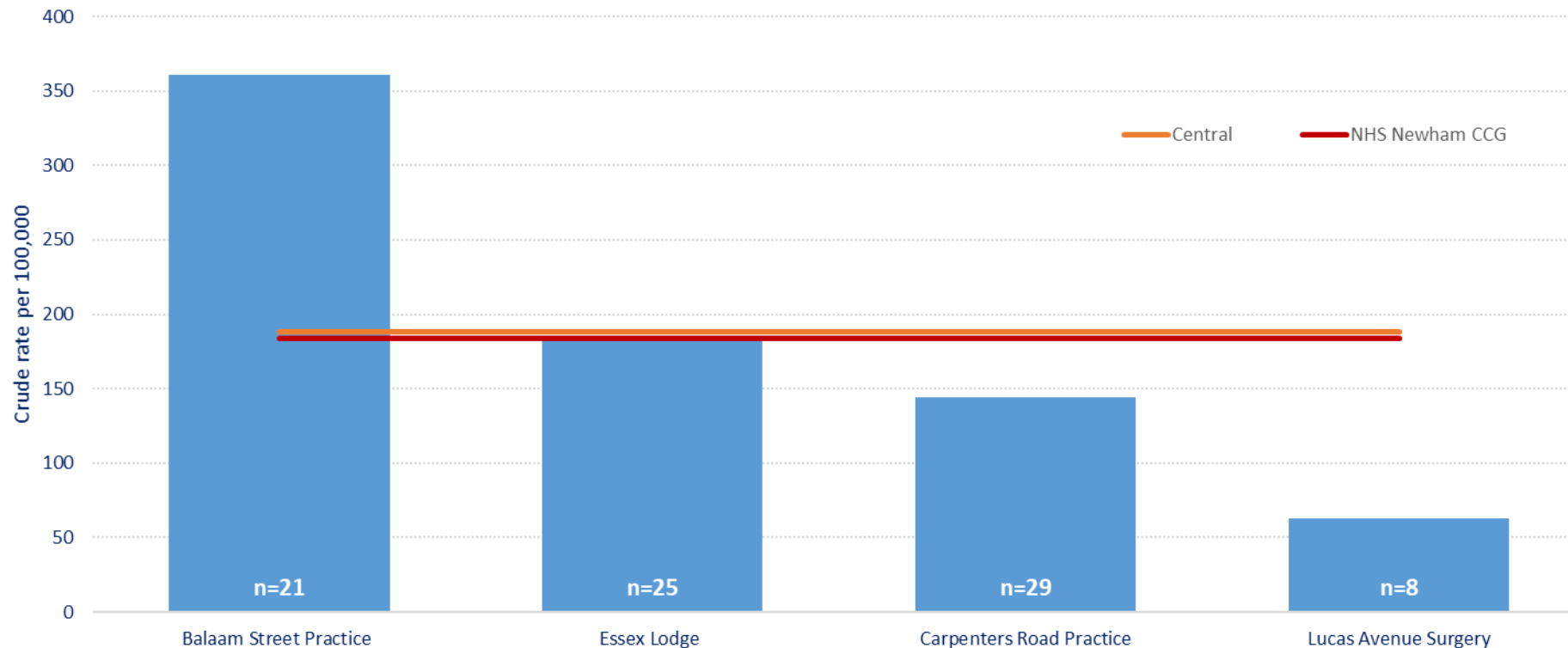


Total number of claimants by LSOA February 2022



Mortality: Premature deaths (<75 years)

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



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Data source: Primary Care Mortality Data, NHS Digital

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Newham Public Health Team
Central PCN Profile
May 2023

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