

# Docklands PCN Profile

Prepared by Newham Public Health Intelligence Team
May 2023

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Slide Contents

## Summary



Worse than the Newham average Similar to the Newham average

Better than the Newham average

Key:

- Male life expectancy in Docklands is similar to the Newham average.
- Female life expectancy in Docklands is above the Newham average.
  - > On average, a female born in Docklands PCN will live 0.4 years more than the average female born in Newham.
- The rate of premature mortality for Docklands PCN is below to the Newham average (33 per 100k patients).
- For Docklands PCN, child immunisation uptake (at 1, 2, & 5 years) is above the Newham average.
- The prevalence of coronary heart disease for Dockland patients is below the Newham average (0.5 percentage points), whilst the percentage of heart failure patients with a review is above the Newham average (8.6 percentage points).
- For Docklands PCN, cancer prevalence is similar to the Newham average, whilst the rate of two week wait referrals (for suspected cancer) is above the Newham average.
- For Docklands PCN, the prevalence of depression is above the Newham average (0.9 percentage points).
- Diabetes and hypertension prevalence for Docklands PCN is below the Newham average.
- For Docklands PCN, BMI and HbA1c levels at diagnosis of type 2 diabetes are above the Newham average.

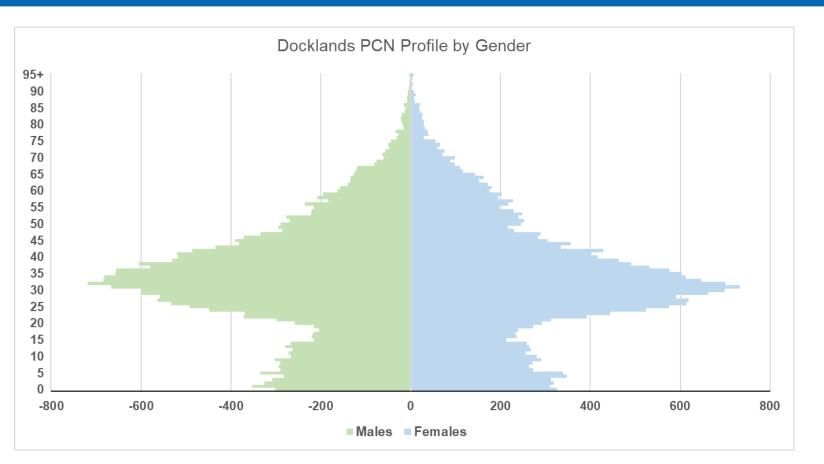
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Data source: NHS digital

## Demographics: Age and gender





Age band	Docklands PCN	Newham
0-9	12.5%	15.1%
10-19	10.1%	12.0%
20-29	19.5%	18.6%
30-39	25.4%	20.1%
40-49	14.9%	12.9%
50-59	9.3%	9.9%
60-69	5.4%	6.3%
70-79	2.0%	3.2%
80+	0.8%	1.9%

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- There is an equal gender split (50%) in the Docklands PCN by gender.
- The highest proportion of the population are in 30-39 age group.
- Over 82% of the population are under the age of 50.

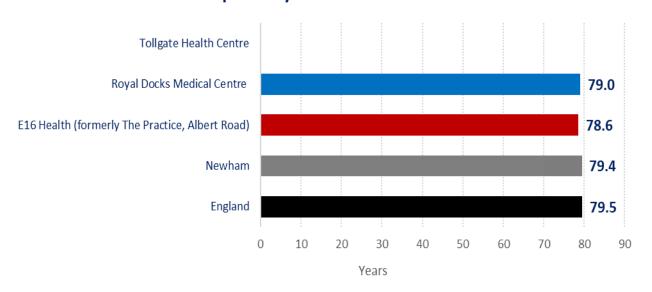
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Data source: NHS digital

## 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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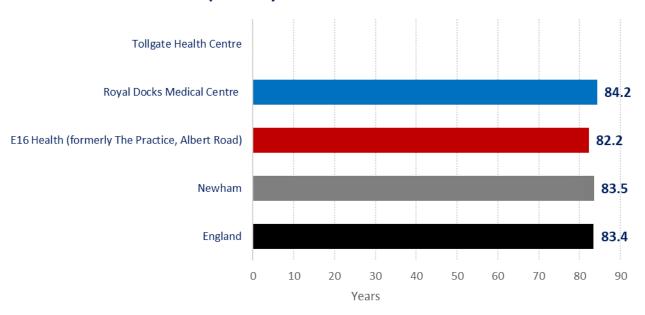
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Data source: PHE, based on ONS mortality data

## 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

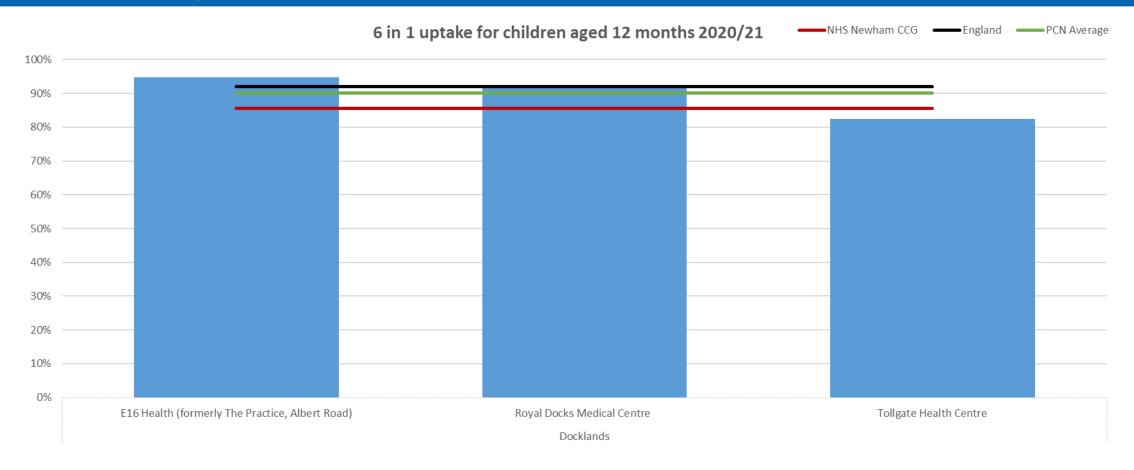
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Data source: PHE, based on ONS mortality data

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



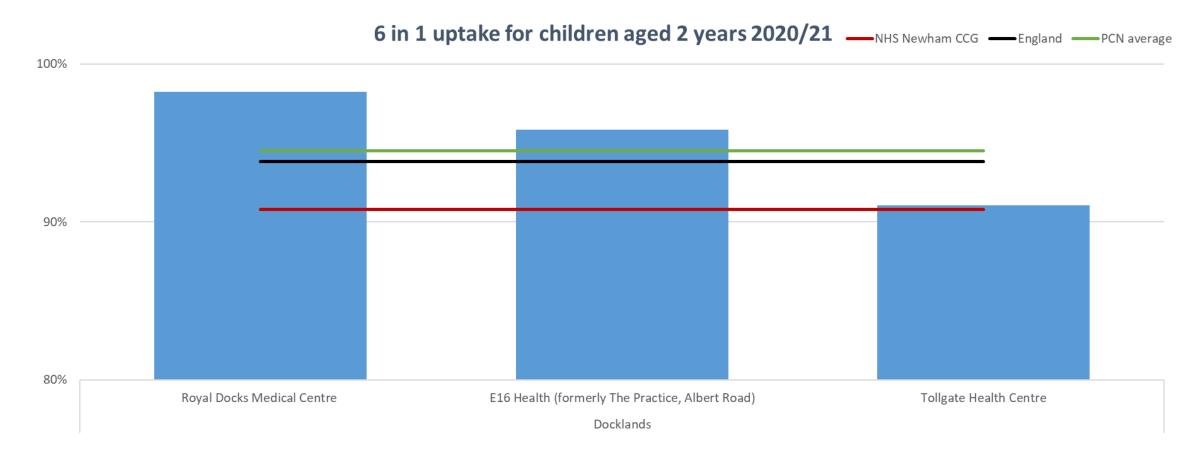


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Data source: CEG dashboards, Fingertips PHE

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



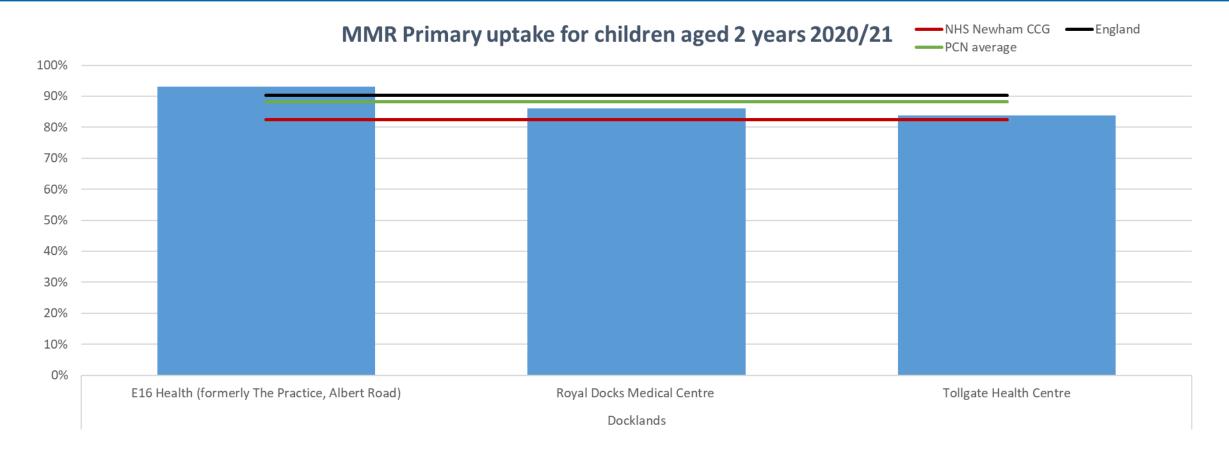


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Data source: CEG dashboards, Fingertips PHE

# Childhood Immunisations: MMR primary uptake for children aged 2 years



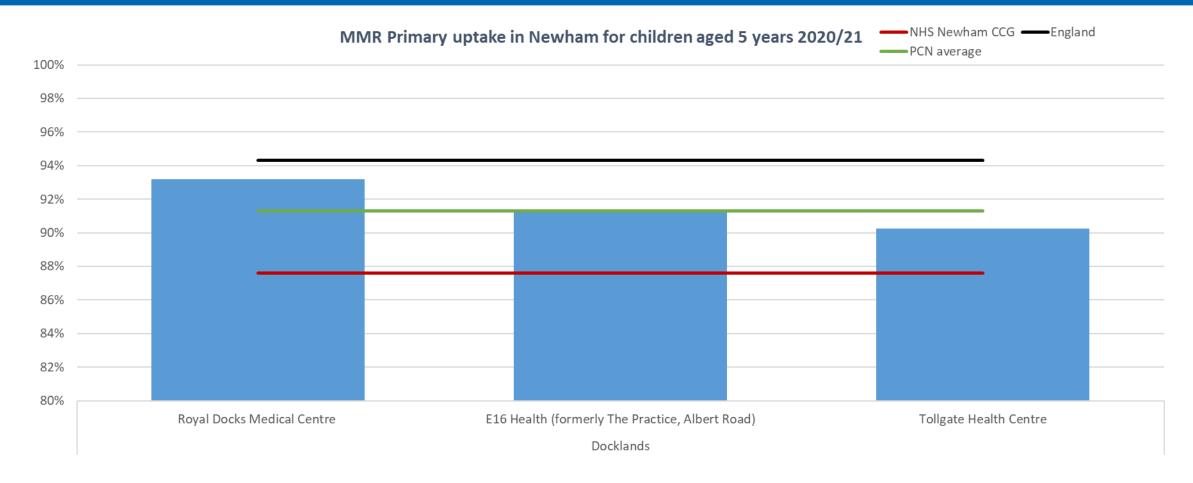


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Data source: CEG dashboards, Fingertips PHE

# Childhood Immunisations: MMR primary uptake for children aged 5 years



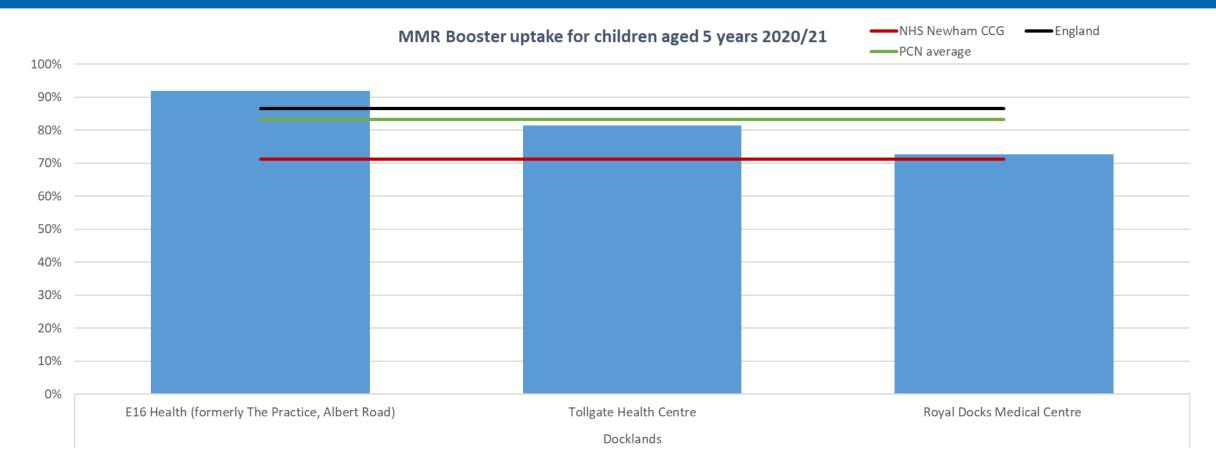


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Data source: CEG dashboards, Fingertips PHE

# Childhood Immunisations: MMR booster uptake for children aged 5 years



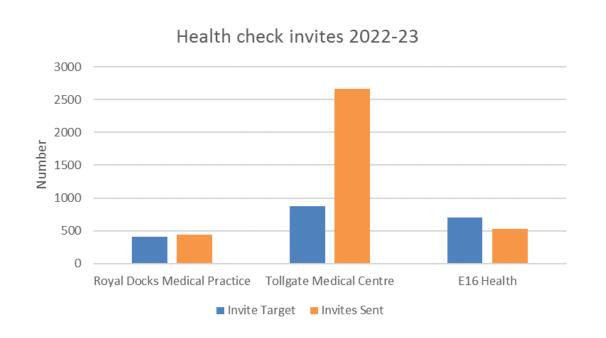


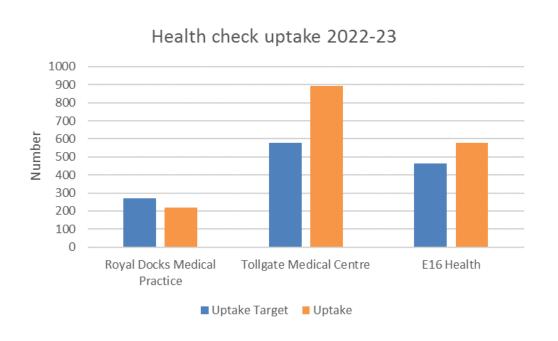
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Data source: CEG dashboards, Fingertips PHE

## Health checks – invites and uptake







- In 2022-23, 3643 invites for health checks were sent from Docklands PCN with a target of 1987
- Uptake was 1689 with a target of 1311

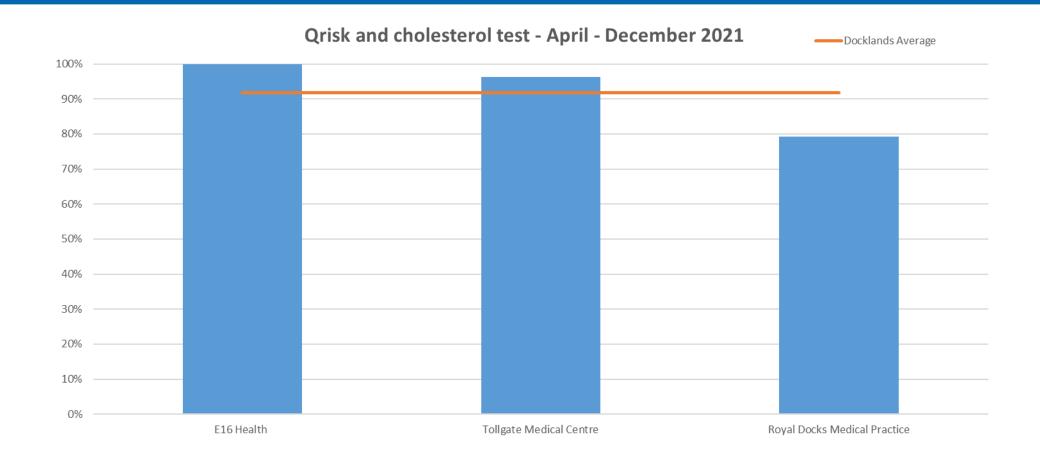
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Data source: Clinical Effectiveness Group

## Health checks: Measurements

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





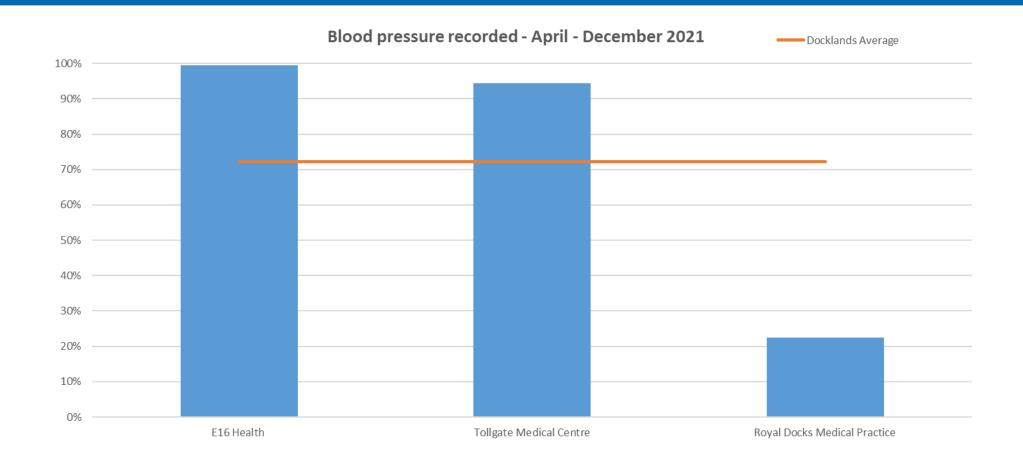
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Data source: Clinical Effectiveness Group

## Health checks: Measurements

Blood pressure recorded as a proportion of NHS Health Check





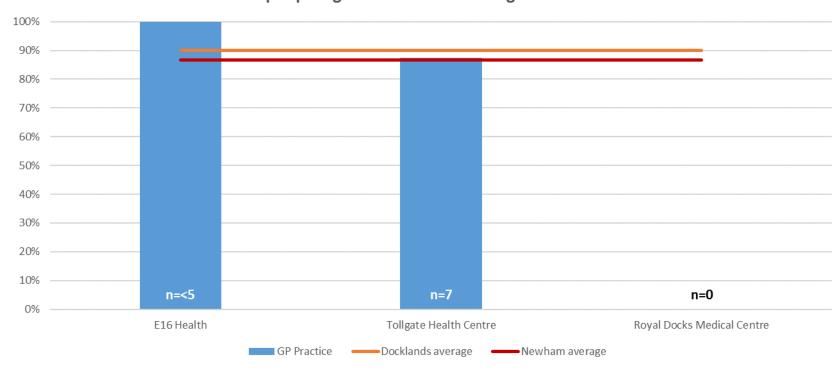


Data source: Clinical Effectiveness Group

# 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

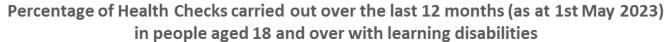


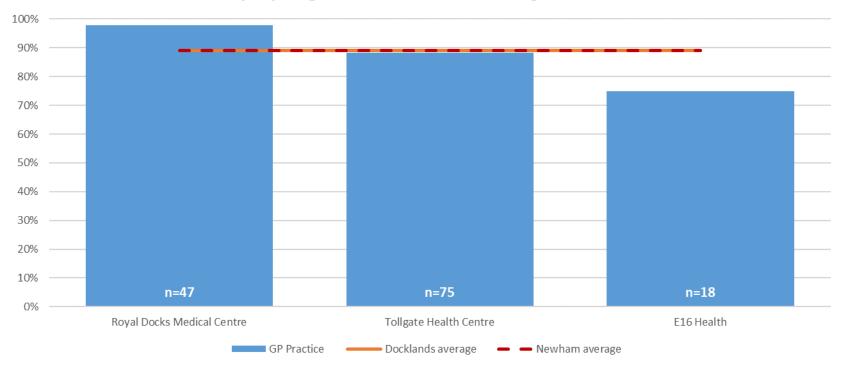
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Source: CEG NEL Dashboards

# Learning Disabilities: Health checks 18+ years





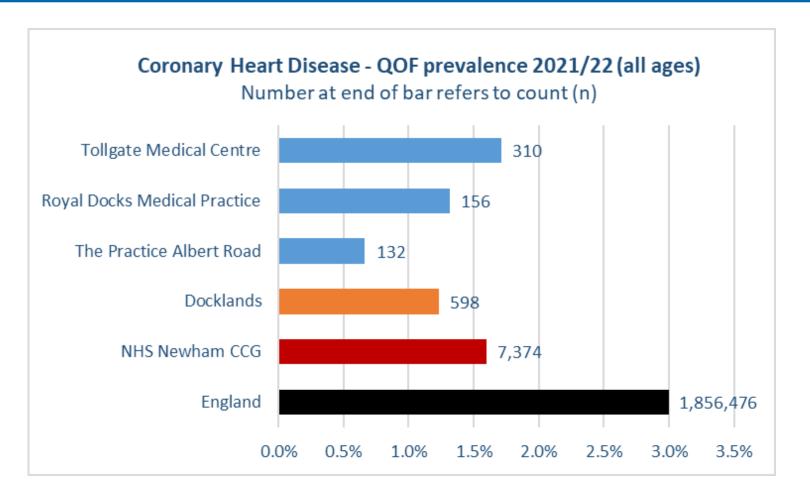


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Source: CEG NEL Dashboards

## CVD: Coronary Heart Disease

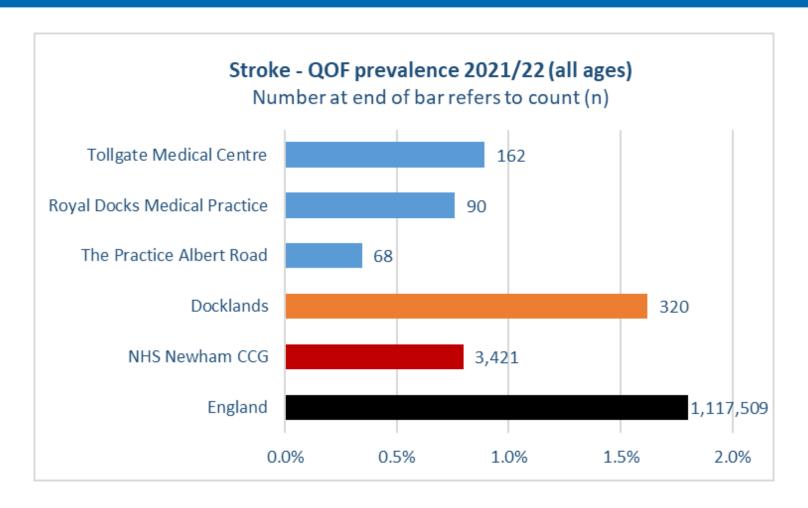




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## CVD: Stroke – QOF Prevalence

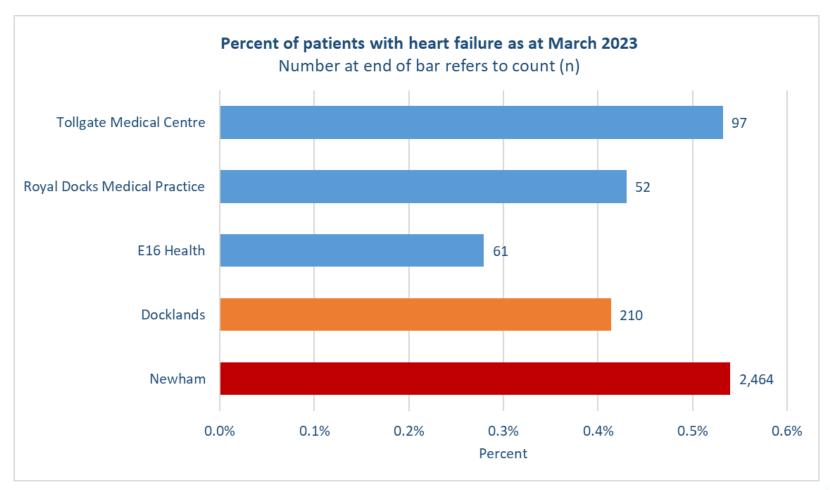




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## CVD: % of all patients with heart failure





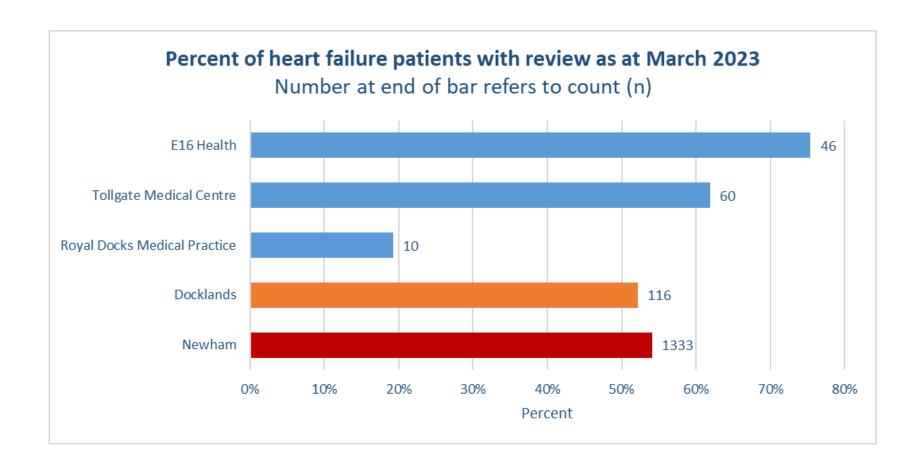
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Data source: Clinical Effectiveness Group Toolkit

## CVD: % of all heart failure patients with review Newham London



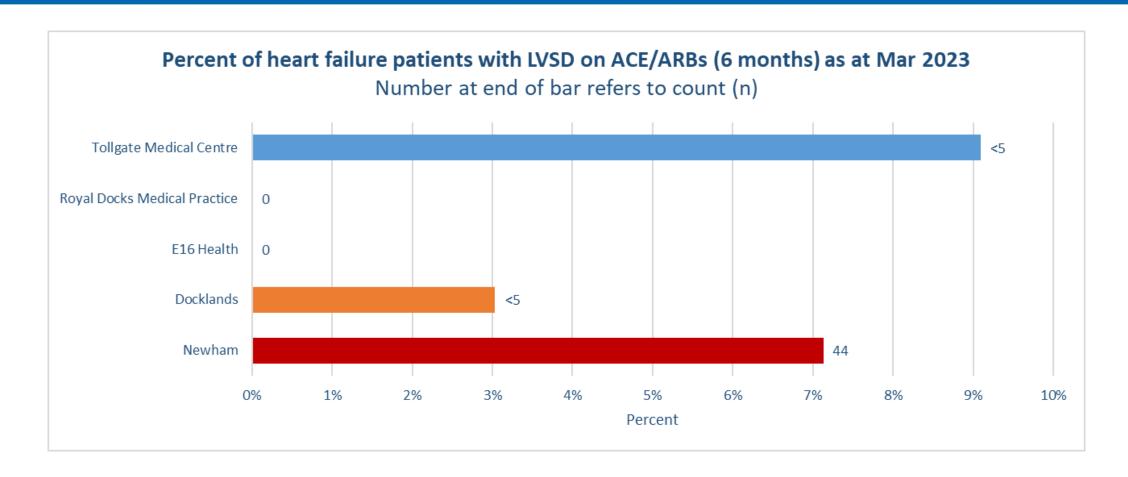


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Data source: Clinical Effectiveness Group Toolkit

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



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Data source: Clinical Effectiveness Group Toolkit

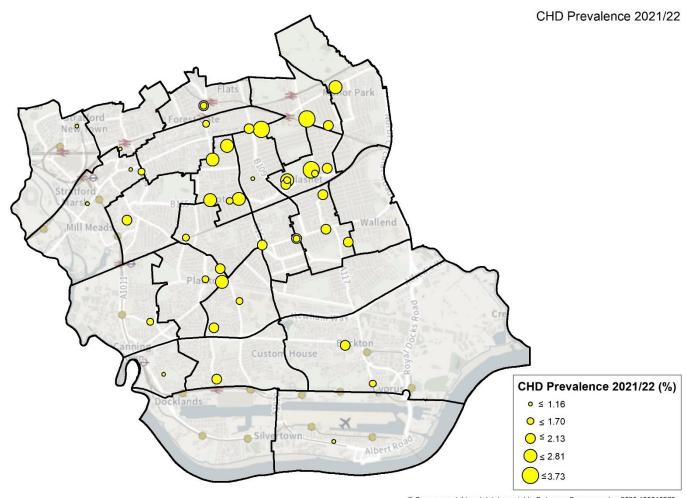
### Coronary Heart Disease prevalence

In Newham and Docklands by GP practice



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

GP practice	CHD prevalence (%)		
Tollgate Health Centre	1.7		
Royal Docks Medical	1.3		
E16 Health (formerly			
The Practice, Albert			
Road)	0.7		



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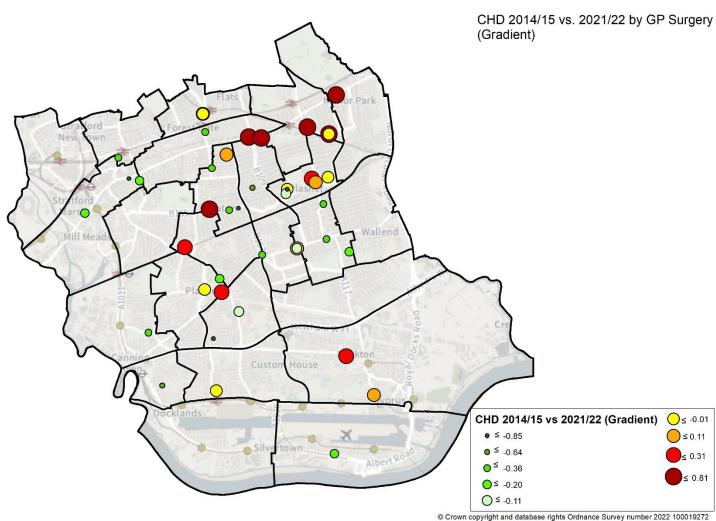
### Coronary Heart Disease prevalence - gradient change

In Newham and Docklands by GP practice



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

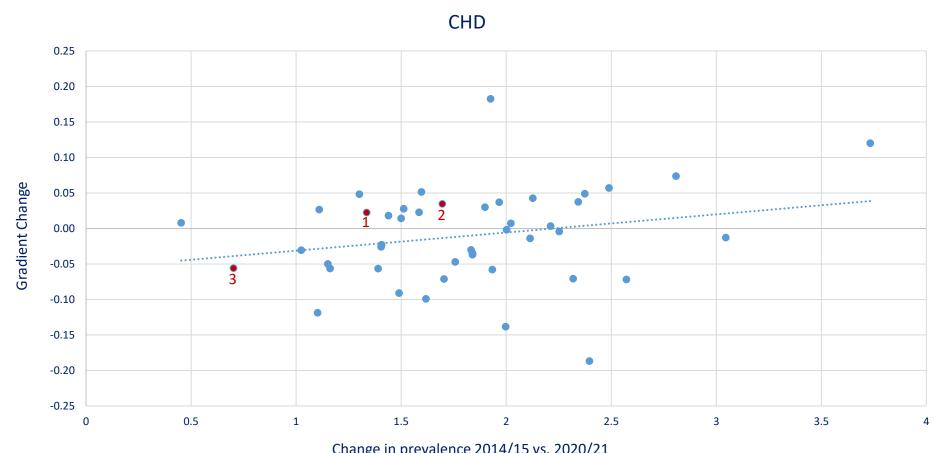
GP practice	2015/2016	2021/2022	Gradient change
Tollgate Health Centre	1.5	1.7	0.16
Royal Docks Medical	1.3	1.3	0.03
E16 Health (formerly			
The Practice, Albert			
Road)	1.0	0.7	-0.33



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





#### Key

- 1 Royal Docks Medical Centre
- 2 Tollgate Health Centre
- 3 E16 Health

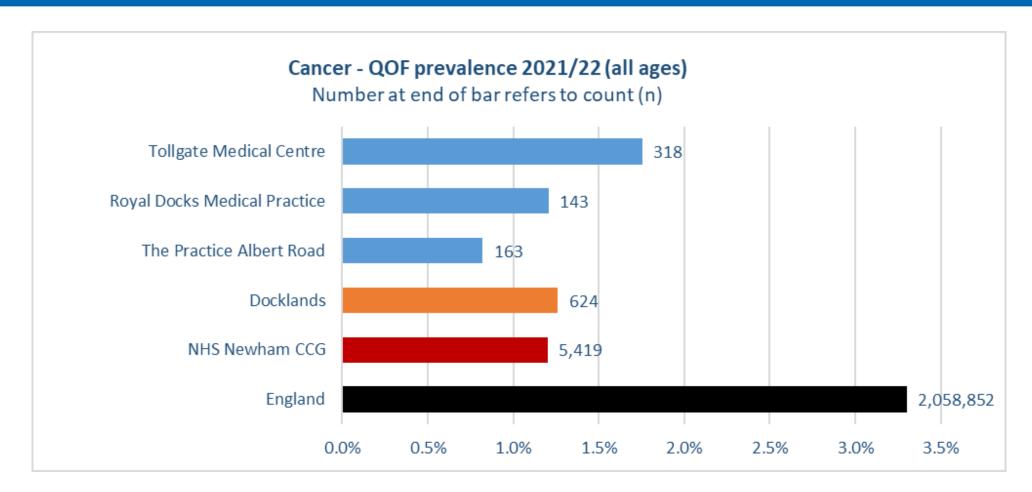
Change in prevalence 2014/15 vs. 2020/21

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### Cancer: Prevalence





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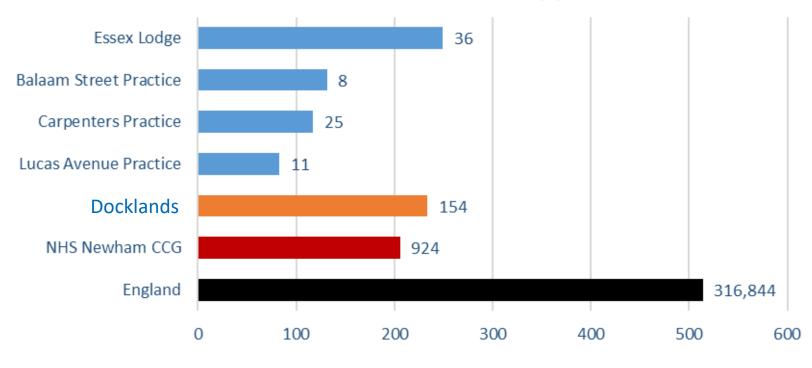
Source: HES data held by OHID originally provided by NHS Digital

## Cancer: Emergency Admissions



#### Emergency Admissions with Cancer 2021/22 (all ages)

Number at end of bar refers to count (n)



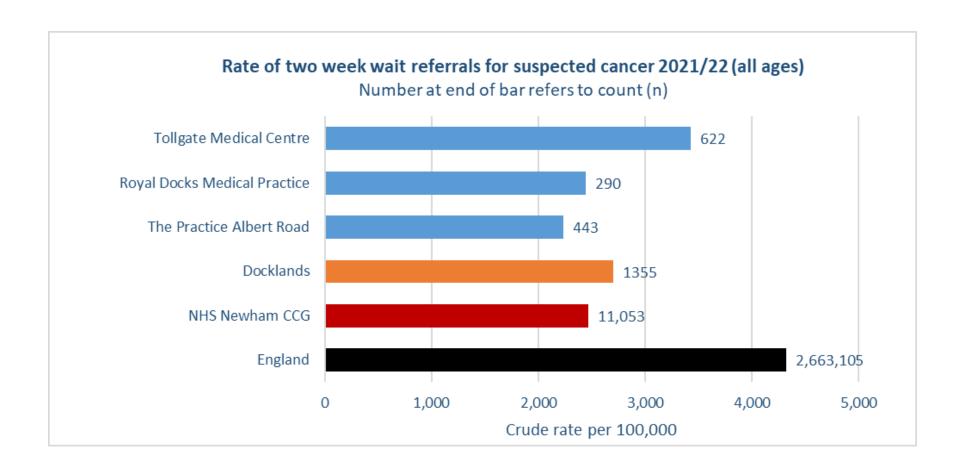
Crude rate per 100,000

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

## Cancer: 2 week wait referrals

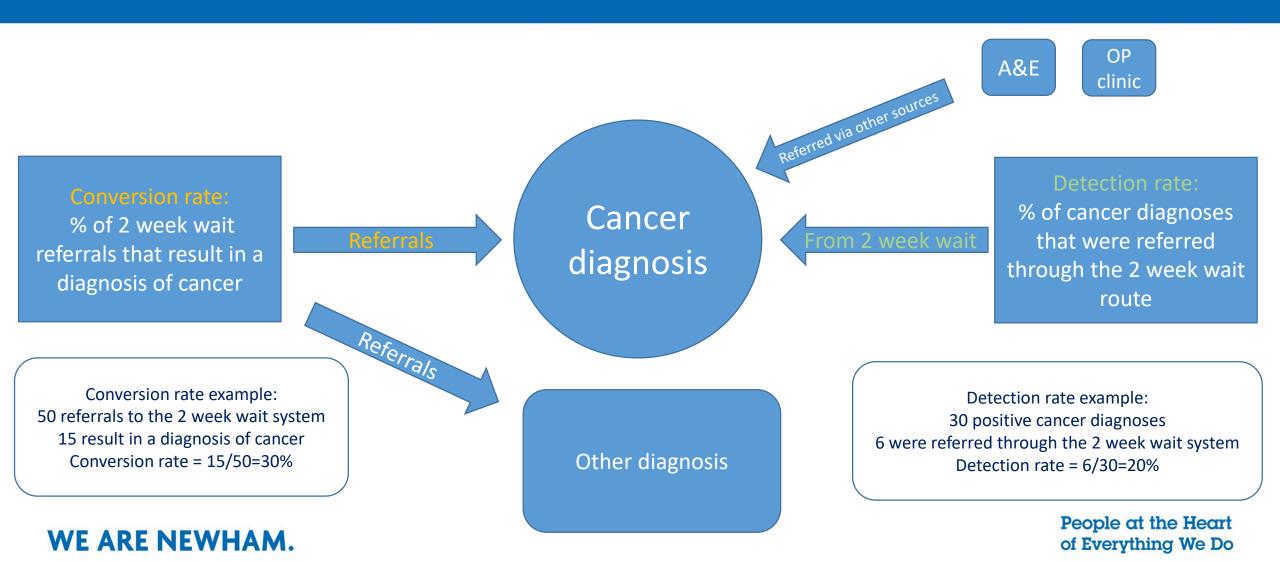




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# Cancer: 2 week wait referrals: Detection and conversion explained



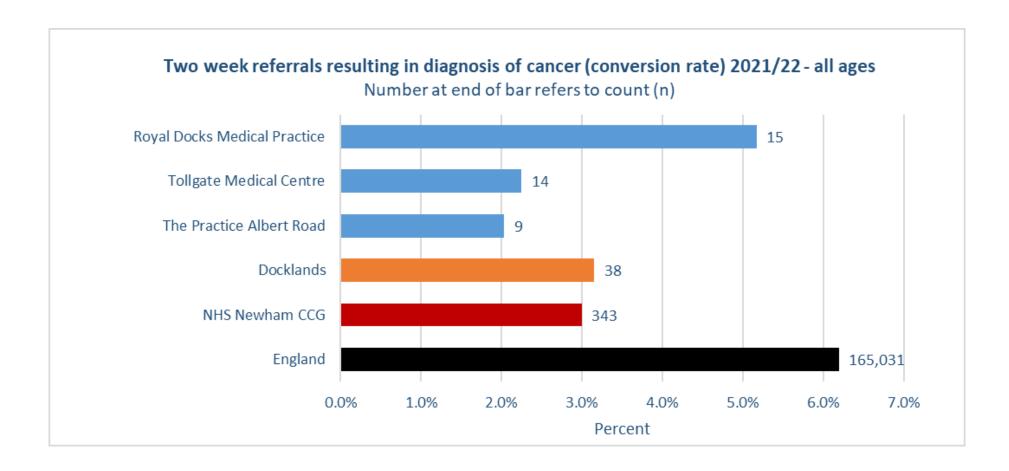


Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

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### Cancer: 2 week wait referrals - conversion

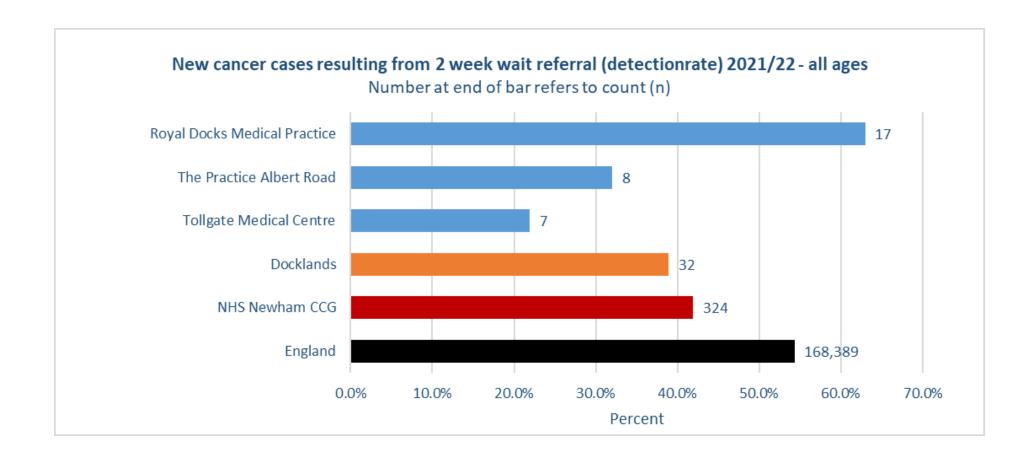




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### Cancer: 2 week wait referrals - detection



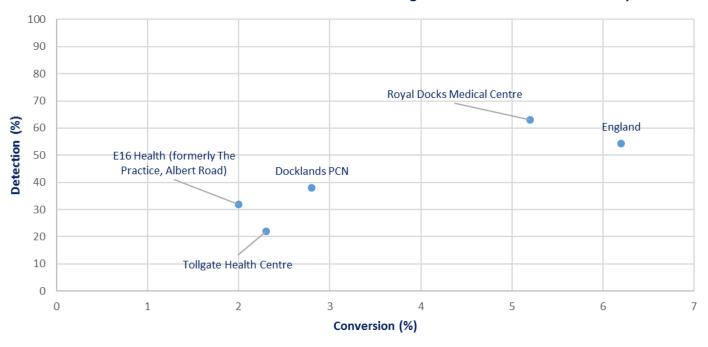


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# Cancer: 2 week wait referrals – conversion/detection 2021/22



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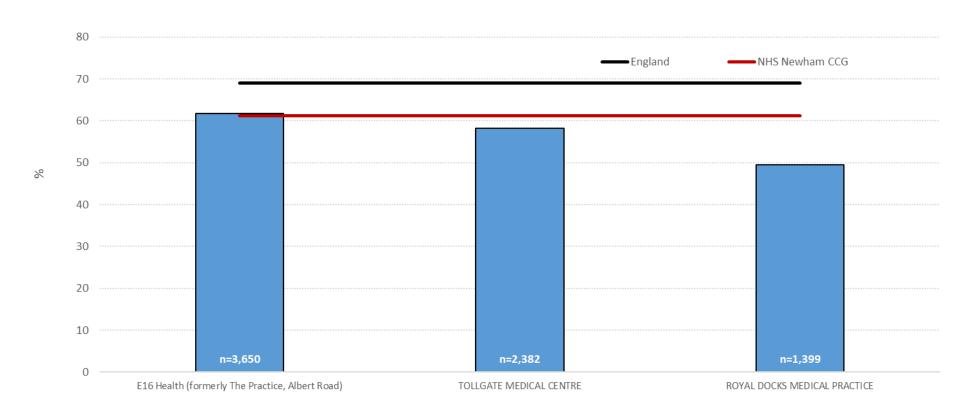
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Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

# **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

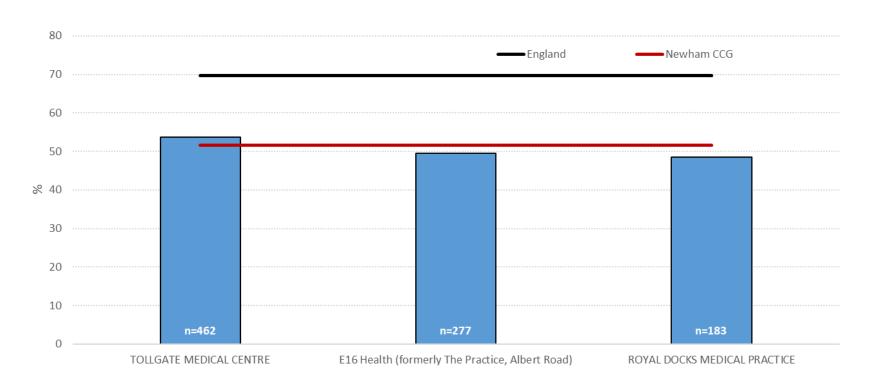


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## **Bowel Screening**



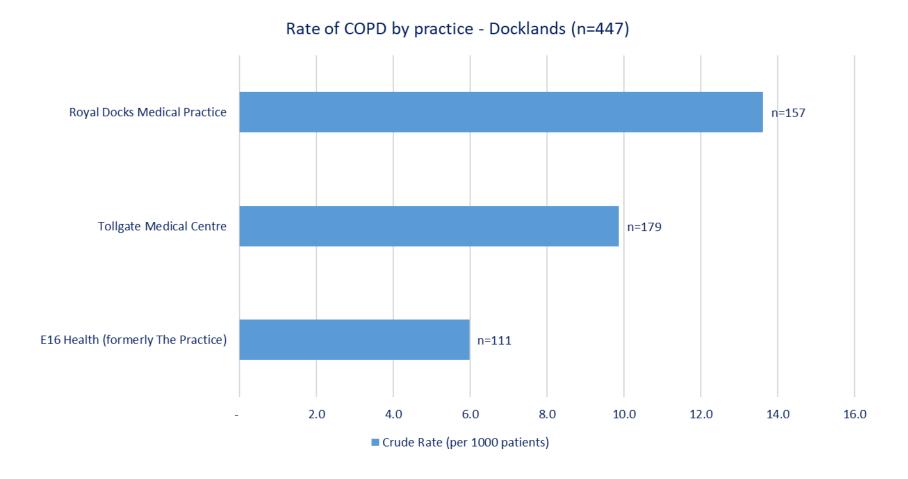
### Percentage of people aged 60-74 screened for bowel cancer within 6 months of invitation (uptake) 2021/22



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## Chronic obstructive pulmonary disease (COPD)





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Data source: Clinical Effectiveness Group

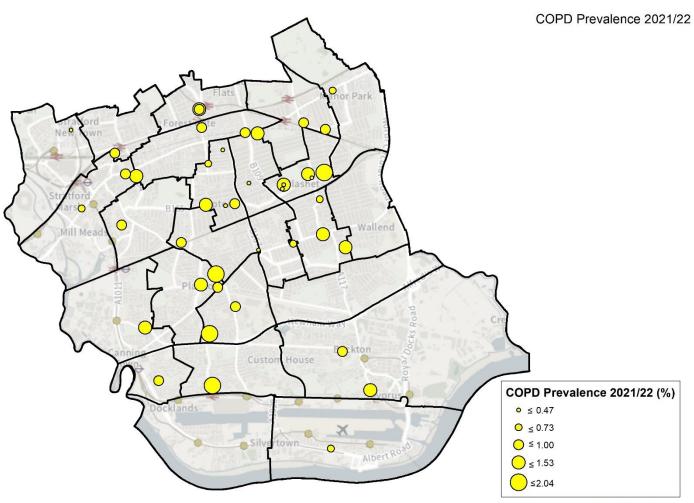
## COPD prevalence

In Newham and Docklands by GP practice



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

GP practice	COPD prevalence (%)		
Royal Docks Medical Centre	1.34		
Tollgate Health Centre	0.95		
E16 Health (formerly The Practice, Albert Road)	0.56		



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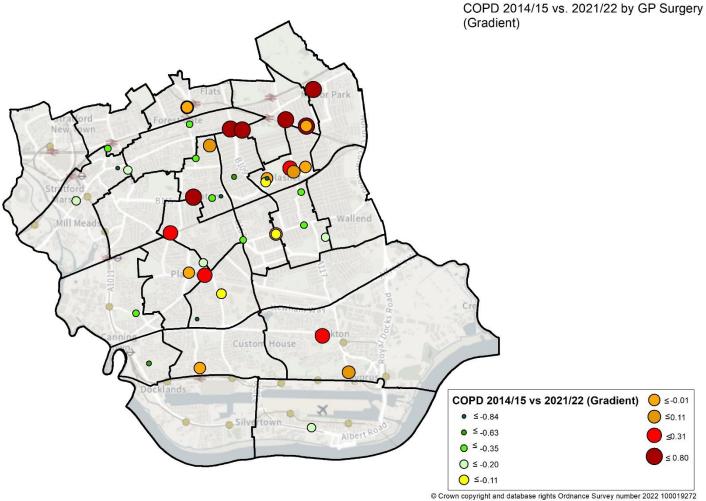
## COPD prevalence - gradient change

In Newham and Docklands by GP practice



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

GP practice	2015/2016	2021/2022	Gradient change
Royal Docks Medical			
Centre	1.4	1.3	-0.04
Tollgate Health Centre	1.0	1.0	-0.02
E16 Health (formerly			
The Practice, Albert			
Road)	0.9	0.6	-0.33



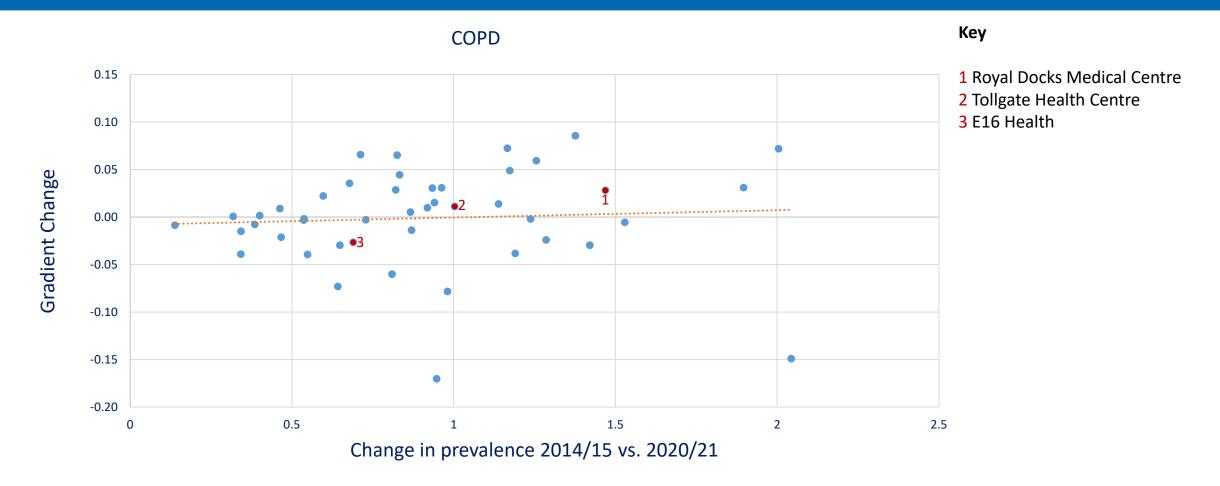
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Data source: OHID Fingertips

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





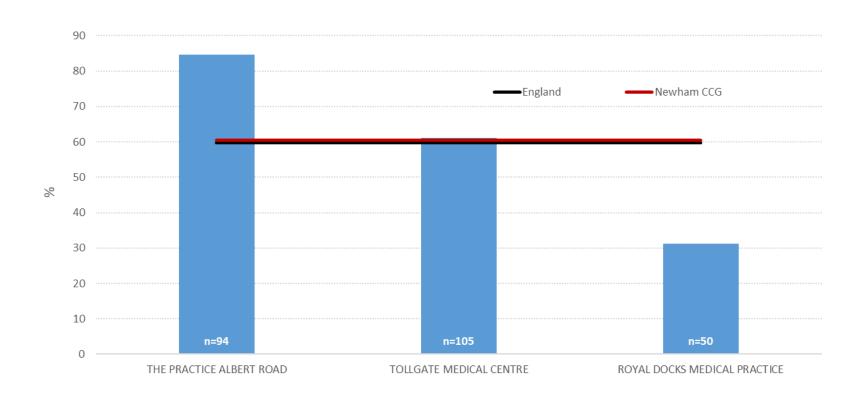
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## COPD: Patients who had a review in the last 12 months



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

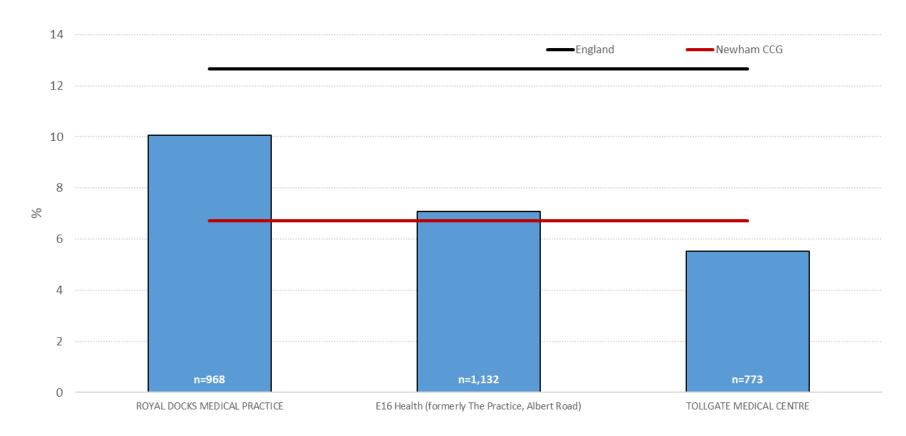


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## Mental health: Depression prevalence



#### Depression Prevalence (18+): 2021/22



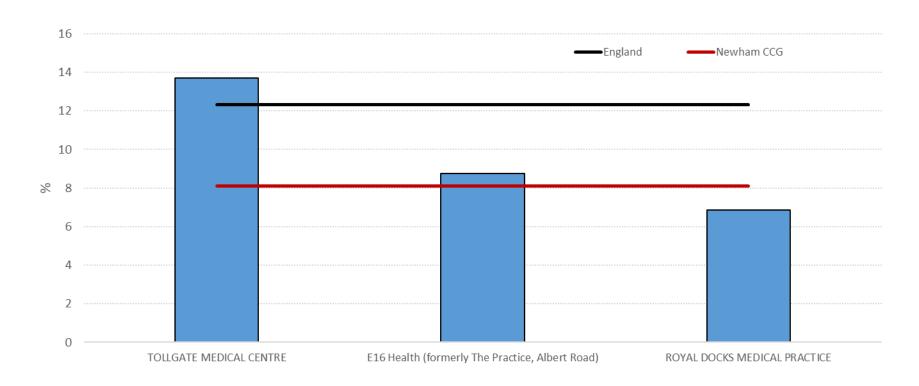
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## Mental health: Long term mental health problem

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



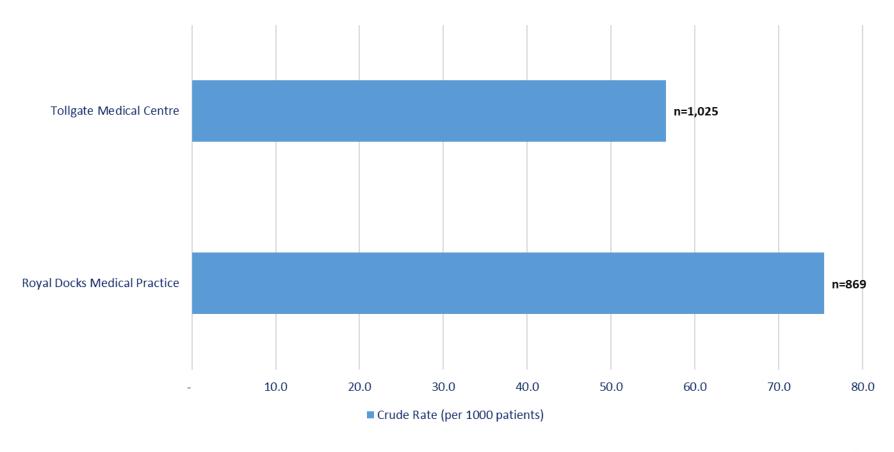
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## Chronic mental illness (CMI)







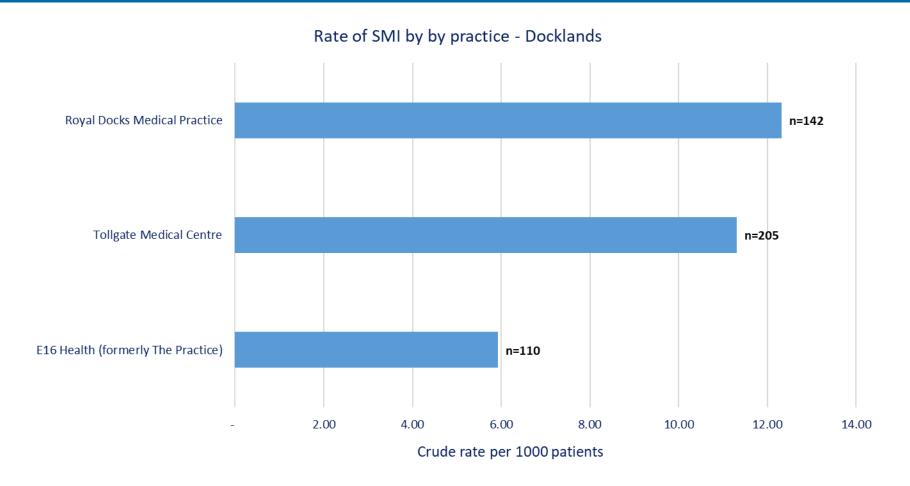
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Data source: Clinical Effectiveness Group

### Serious mental illness (SMI)





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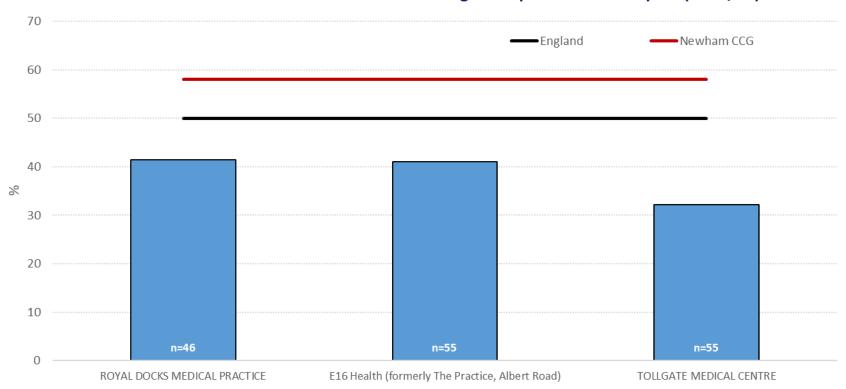
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Data source: Clinical Effectiveness Group

## 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)



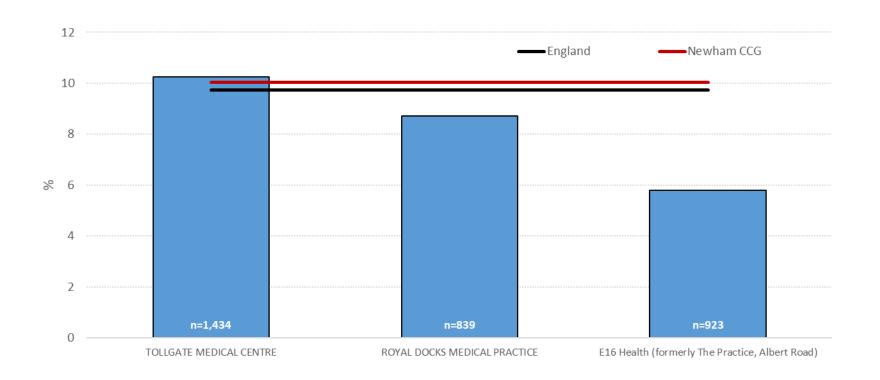
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## Obesity: Prevalence 18+



#### Obesity Prevalence (18+): 2021/22

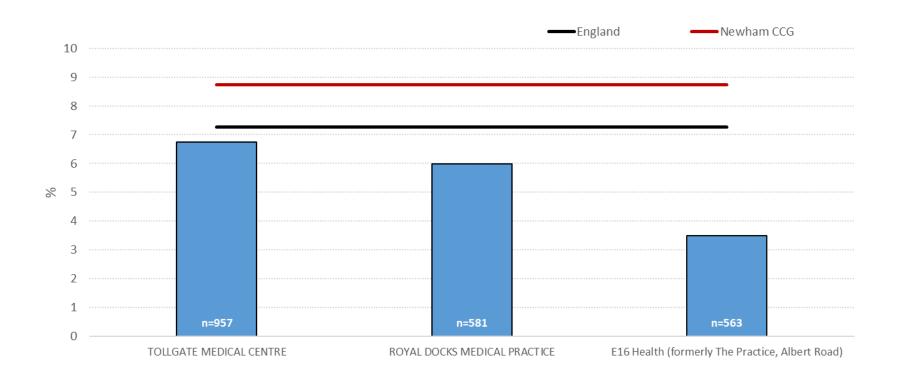


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## Diabetes prevalence – as of Nov 2021 (Type 1 and Type 2 diabetes mellitus)



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



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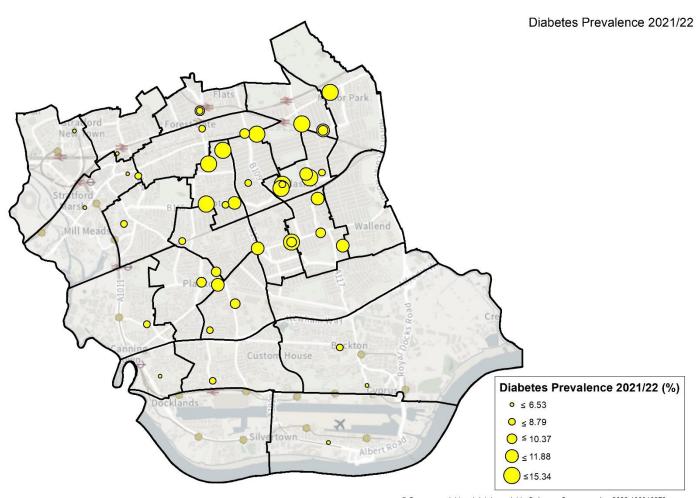
### Diabetes prevalence

In Newham and Docklands by GP practice



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

GP practice	CHD prevalence (%)	
Royal Docks Medical Centre	6.0	
Tollgate Health Centre	6.7	
E16 Health (formerly		
The Practice, Albert		
Road)	3.5	



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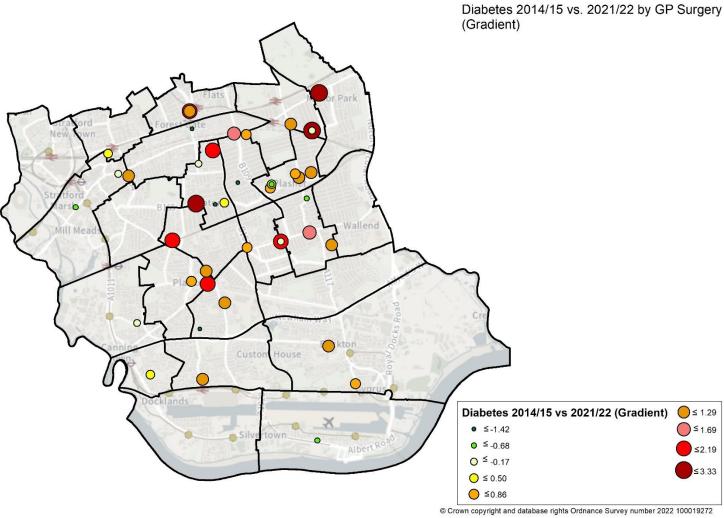
### Diabetes prevalence - gradient change

In Newham and Docklands by GP practice



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

GP practice	2015/2016	2021/2022	Gradient change
Royal Docks Medical Centre	5.3	6.0	0.6
Tollgate Health Centre	5.6	6.7	1.1
E16 Health (formerly			
The Practice, Albert			
Road)	4.7	3.5	-1.2



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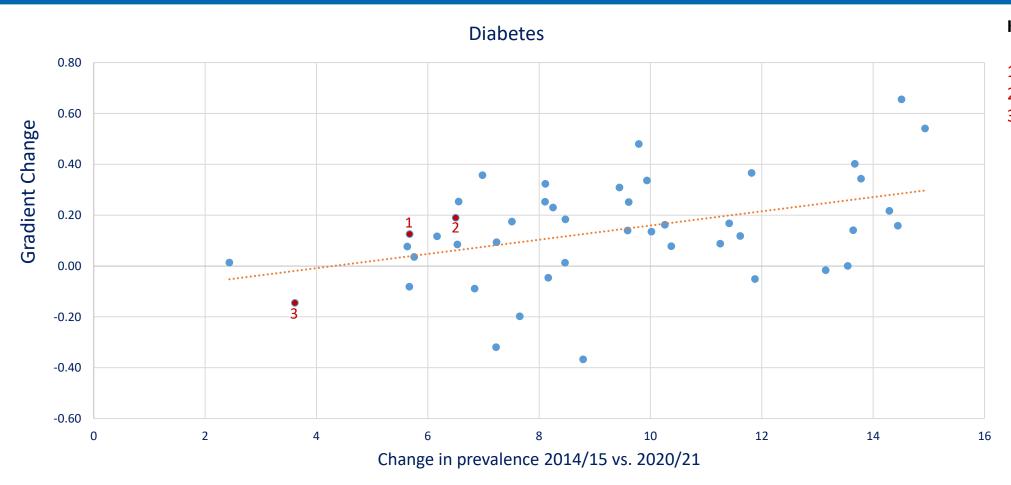
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Data source: OHID Fingertips

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





#### Key

- 1 Royal Docks Medical Centre
- 2 Tollgate Health Centre
- 3 E16 Health

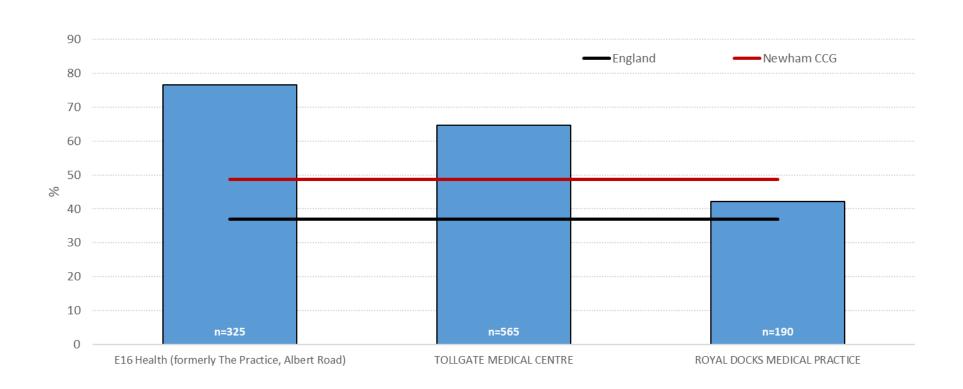
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## Diabetes: Type 2 diabetic patients who have 8 recorded care processes



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

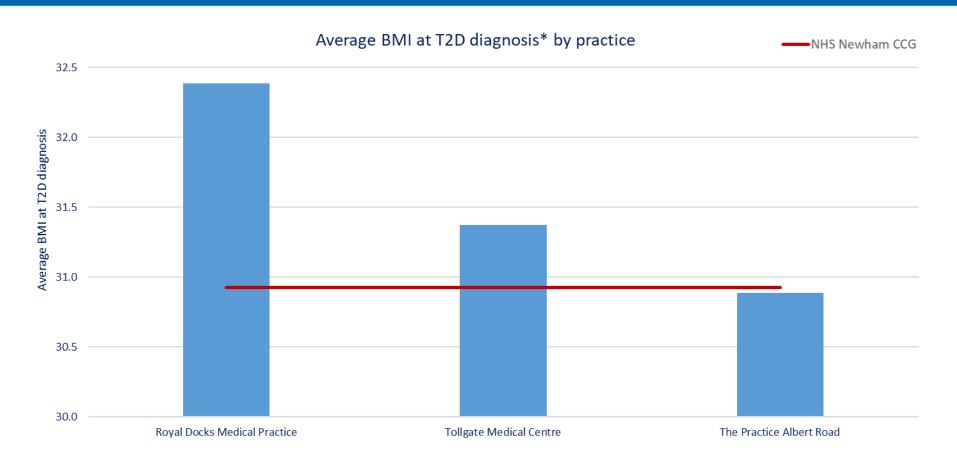


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## Diabetes: Type 2 diabetic patients: Average Body Mass Index (BMI) at diagnosis\*





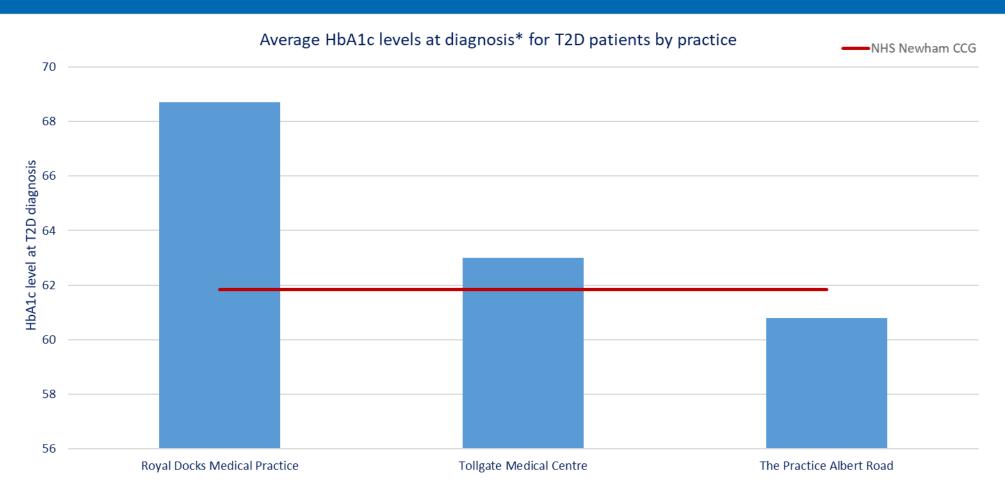
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\*Diagnosis refers to value taken between 3 months before to 2 months after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

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





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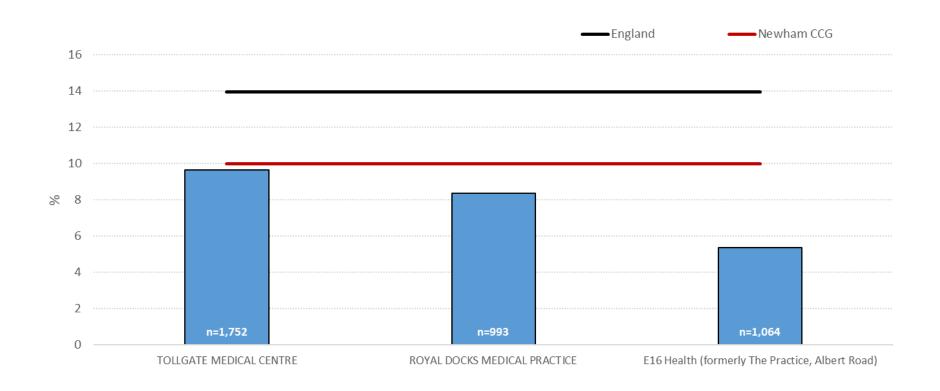
\*Diagnosis refers to value taken between 3 months before to 14 days after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

## Hypertension: Prevalence



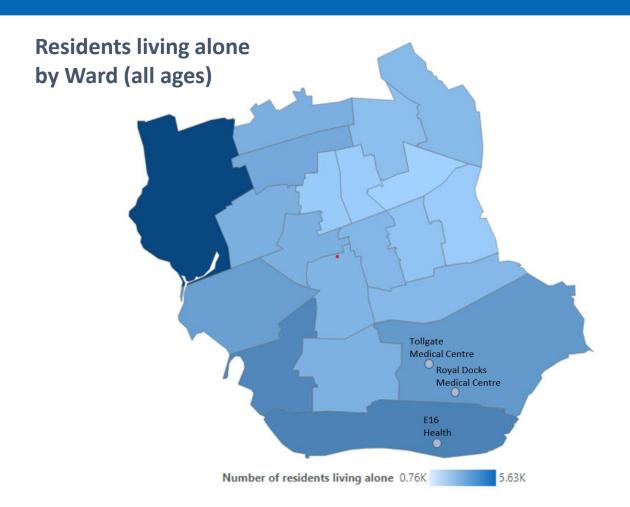
#### **Hypertension Prevalence: 2021/22**

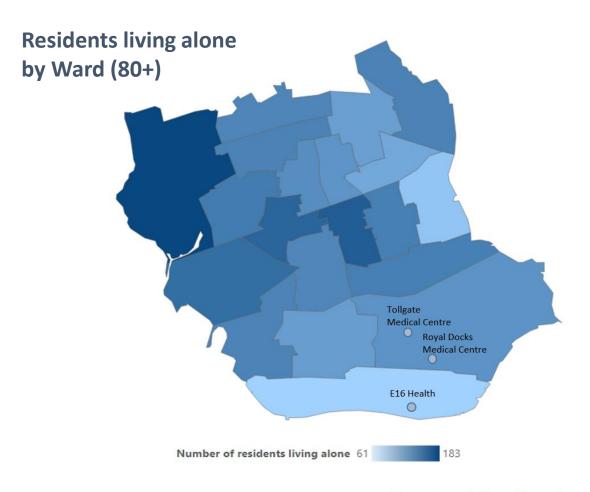


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## Living alone







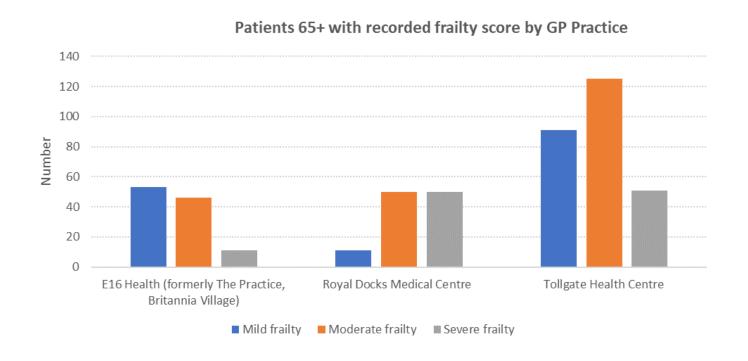
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People at the Heart of Everything We Do

Data source: Data Warehouse (March 2022)

## Frailty





- 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

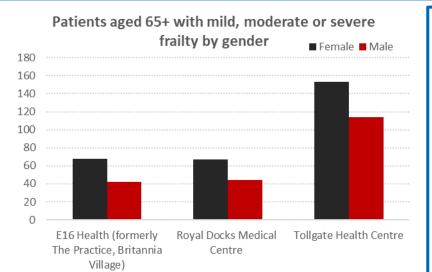
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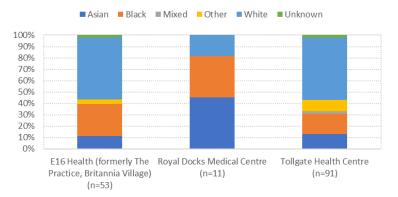
Data source: East London Database via CEG

## Frailty by ethnicity and age





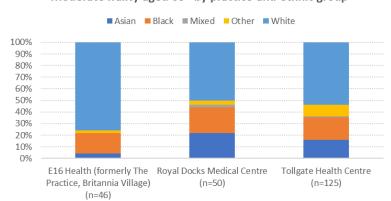




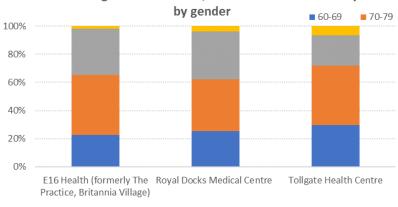
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- The data is a snapshot as at 1st April 2020
- Females account for the highest proportion at 59% compared to 41% males
- Data by age band shows the highest proportion to be in the 70-79 age band for all practices
- The graphs below show a split by Practice and ethnicity for mild, moderate and severe frailty scores

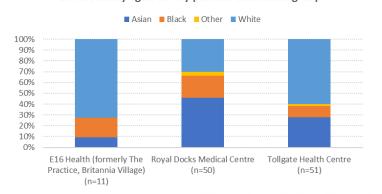
#### Moderate frailty aged 65+ by practice and ethnic group



#### Patients aged 65+ with mild, moderate or severe frailty



#### Severe frailty aged 65+ by practice and ethnic group



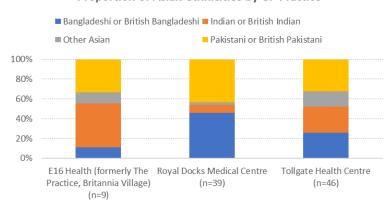
### People at the Heart of Everything We Do

Data source: East London Database via CEG

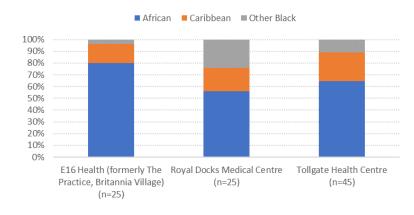
## Frailty showing detailed ethnicity



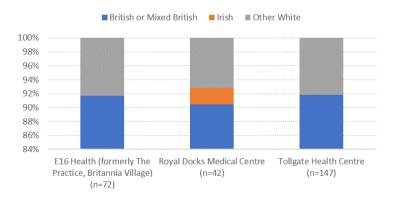
#### Proportion of Asian ethnicities by GP Practice



#### Proportion of Black ethnicities by GP Practice



#### Proportion of White ethnicities by GP Practice



- Asian ethnicities make up 19.3% of all Docklands 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

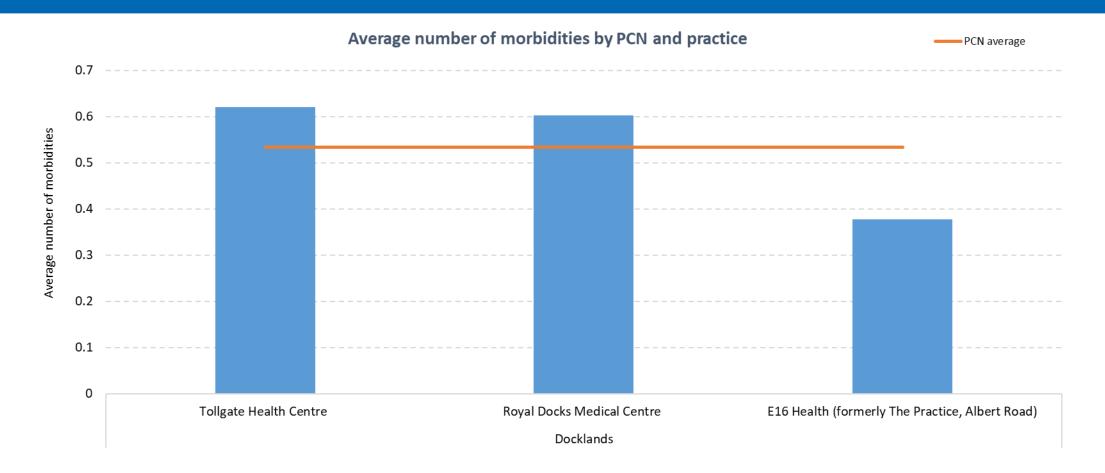
- Black ethnicities make up 19.5% of all Docklands PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the Black ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all Black ethnicities are shown for each practice

- White ethnicities make up 53.5% of all Docklands 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

Data source: East London Database via CEG

### Multi-morbidity: Average number by practice





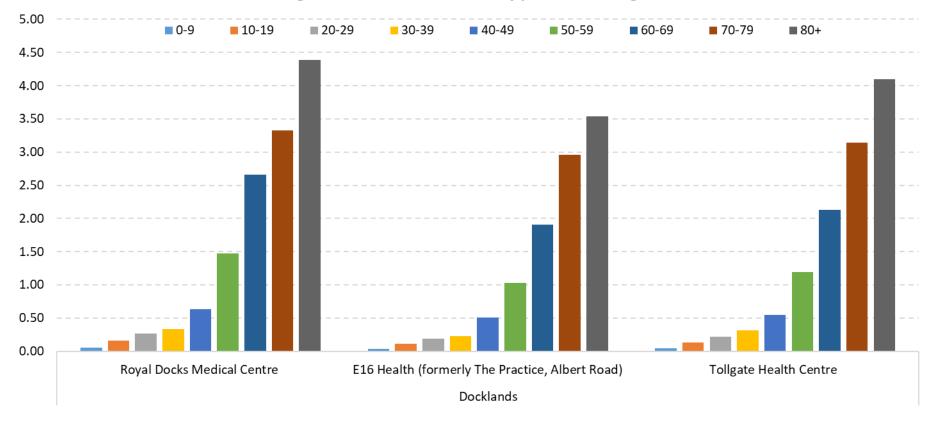
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Data source: Clinical Effectiveness Group – ELDB (2021)

## Multi-morbidity: Average number by practice and age







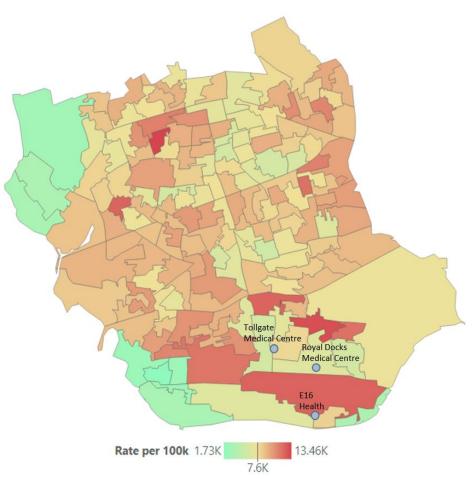
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Data source: Clinical Effectiveness Group - ELDB (2021)

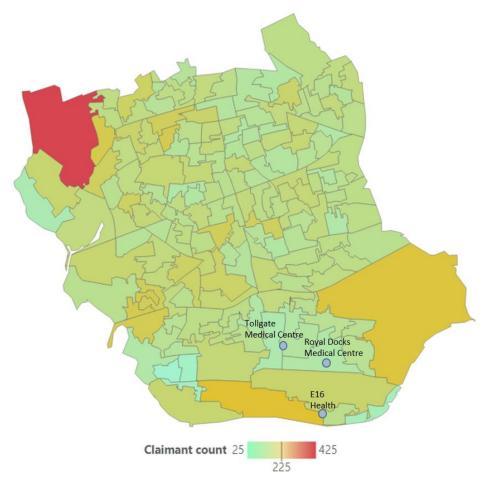
## Unemployment



## Claimant count crude rate per 100k by LSOA February 2022



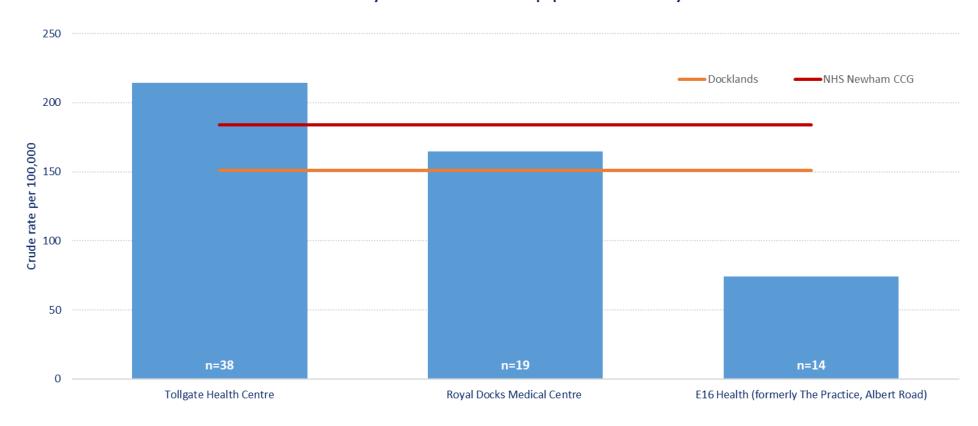
## **Total number of claimants by LSOA February 2022**



## 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



# Newham Public Health Team Docklands PCN Profile May 2023

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