

North East 2 PCN Profile

Prepared by Newham Public Health Intelligence Team
May 2023

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IIIUCA		Contents	Slide	Contents
Contents	21	Left ventricular septal defect: ACE/ARBs	41	Chronic mental illness (CMI)
Index	22	CHD prevalence mapped	42	Serious mental illness (SMI)
Summary	23	CHD prevalence change	43	Mental health: Comprehensive care plan
Demographics: Age and gender	24	CHD prevalence and change scatterplot	44	Obesity: Prevalence 18+
<u>Life expectancy: Male</u>	25	<u>Cancer prevalence</u>	45	<u>Diabetes prevalence</u>
<u>Life expectancy: Female</u>	26	Cancer emergency admissions	46	Diabetes prevalence mapped
6 in 1 uptake for children aged 12 months	27	Cancer 2 week wait referrals	47	Diabetes prevalence change
6 in 1 uptake for children aged 2	28	2ww: Detection and conversion notes		Diabetes prevalence change scatterplot
MMR primary uptake for children aged 2	29	2ww: Conversion		
MMR primary uptake for children aged 5	30	2ww: Detection		<u>Diabetes: 8 recorded care processes</u>
MMR booster uptake for children aged 5	31	2ww: Detection and conversion	50	<u>Diabetes: Ave. BMI at diagnosis</u>
<u>Health Checks - uptake</u>	32	Cervical screening	51	<u>Diabetes: Ave. HbA1c at diagnosis</u>
Health checks – Q score and cholesterol	33	Bowel screening	52	<u>Hypertension: Prevalence</u>
Health checks – Blood pressure	34	COPD	53	<u>Living alone</u>
Health checks – LD 14-17 years	35	COPD prevalence mapped	54	<u>Frailty</u>
Health checks – LD 18+ years	36	COPD prevalence change	55	Frailty by ethnicity and age
CVD: Coronary heart disease	37	COPD prevalence and change scatterplot	56	Frailty detailed ethnicity
CVD: Stroke	38	COPD: Review in the last 12 months	57	<u>Multi-morbidity</u>
CVD: Heart failure	39	Mental health: Depression prevalence	59	Unemployment
CVD: Heart failure with review	40	Mental health: Long term MH problem	60	Mortality: Premature deaths
	Contents Index Summary Demographics: Age and gender Life expectancy: Male Life expectancy: Female 6 in 1 uptake for children aged 12 months 6 in 1 uptake for children aged 2 MMR primary uptake for children aged 2 MMR primary uptake for children aged 5 MMR booster uptake for children aged 5 Health Checks - uptake Health checks - Q score and cholesterol Health checks - LD 14-17 years Health checks - LD 18+ years CVD: Coronary heart disease CVD: Stroke CVD: Heart failure	Contents Index Summary Demographics: Age and gender Life expectancy: Male Life expectancy: Female 6 in 1 uptake for children aged 12 months 6 in 1 uptake for children aged 2 MMR primary uptake for children aged 2 MMR primary uptake for children aged 5 MMR booster uptake for children aged 5 Health Checks - uptake Health checks - Q score and cholesterol Health checks - LD 14-17 years Health checks - LD 18+ years CVD: Coronary heart disease CVD: Heart failure 23 24 25 26 27 28 28 30 31 31 41 42 43 44 44 45 46 47 48 48 48 48 49 40 40 40 40 40 40 40 40 40	Contents Index Summary Demographics: Age and gender Life expectancy: Male Life expectancy: Female 6 in 1 uptake for children aged 12 months 6 in 1 uptake for children aged 2 MMR primary uptake for children aged 2 MMR primary uptake for children aged 5 MMR booster uptake for children aged 5 Health Checks – Uptake Health checks – Uscore and cholesterol Health checks – LD 14-17 years Health checks – LD 18+ years CVD: Stroke CHD prevalence mapped CHD prevalence change CHD prevalence and change scatterplot CHD prevalence mapped CHD prevalence and change scatterplot CHD prevalence and change scatterplot CHD prevalence mapped CHD prevalence mapped CHD prevalence mapped A usw: Detection and conversion notes 2 usw: Detection 3 usw: Detection and conversion 3 usw: Detection and conversion COPD COPD prevalence mapped COPD COPD prevalence mapped COPD prevalence mapped COPD prevalence mapped COPD prevalence change COPD prevalence change COPD prevalence and change scatterplot COPD: Review in the last 12 months COPD: Review in the last 12 months COPD: Review in the last 12 months	Contents21Left ventricular septal defect: ACE/ARBs41Index22CHD prevalence mapped42Summary23CHD prevalence change43Demographics: Age and gender24CHD prevalence and change scatterplot44Life expectancy: Male25Cancer prevalence45Life expectancy: Female26Cancer emergency admissions466 in 1 uptake for children aged 12 months27Cancer 2 week wait referrals476 in 1 uptake for children aged 2282ww: Detection and conversion notes48MMR primary uptake for children aged 5302ww: Detection49MMR booster uptake for children aged 5312ww: Detection50Health Checks - uptake32Cervical screening51Health checks - Q score and cholesterol33Bowel screening52Health checks - Blood pressure34COPD53Health checks - LD 14-17 years35COPD prevalence mapped54Health checks - LD 18+ years36COPD prevalence and change scatterplot56CVD: Stroke38COPD: Review in the last 12 months57CVD: Heart failure39Mental health: Depression prevalence59

Summary



Worse than the Newham average Similar to the Newham average

Better than the Newham average

Key:

- Male and female life expectancy in North East 2 (NE2) PCN is above the Newham average.
 - On average, a female born in NE2 PCN will live 1.6 years more than the average female born in Newham.
 - ➤ On average, a male born in NE2 PCN will live 1.4 years more than the average male born in Newham.
- There is a lower rate (9.5 per 100k residents) of premature mortality in NE2 PCN when compared to the Newham average.
- For NE2 PCN, child immunisation uptake (at 1, 2, & 5 years) is above the Newham average.
- There is a higher prevalence (0.5 percentage points) of coronary heart disease for NE2 patients when compared to the Newham average.
 - ➤ However, the percentage of heart failure patients with a review is much higher (14.8 percentage points) for NE2 when compared to the Newham average.
- Cancer prevalence for NE2 patients is similar to the Newham average, whilst the rate of emergency admissions (for cancer) is above the Newham average.
- For NE2 PCN, the prevalence of depression and long term mental illness is below the Newham average.
- The prevalence of obesity, diabetes, and hypertension is higher for NE2 patients when compared to the Newham average.

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People at the Heart of Everything We Do

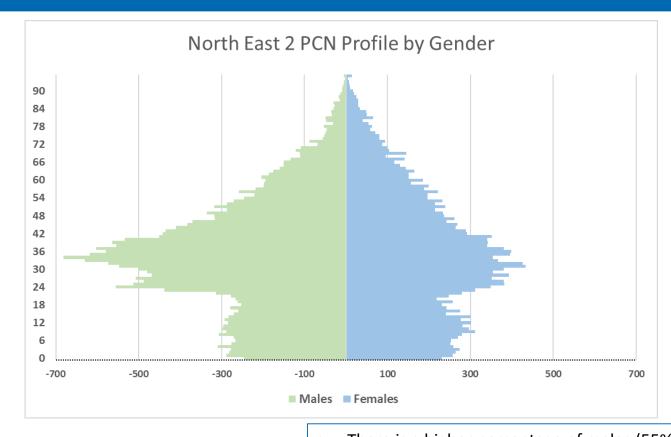
Data source: NHS digital

Demographics: Age and gender



Newham

15.1%



0 3	12.2%	13.170
10-19	12.2%	12.0%
20-29	16.9%	18.6%
30-39	21.6%	20.1%
40-49	15.1%	12.9%
50-59	10.2%	9.9%
60-69	6.7%	6.3%
70-79	3.3%	3.2%
80+	1.7%	1.9%

North East 2

12 20/

PCN

Age band

0-9

- There is a higher percentage of males (55%) in the North East 2 PCN.
- The highest proportion of the population are in 30-39 age group.
- Over 82% of the population are under the age of 50.

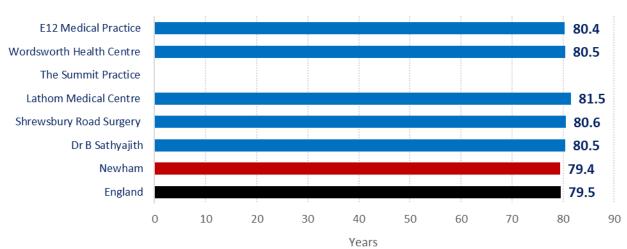
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Data source: NHS digital

Life expectancy - males







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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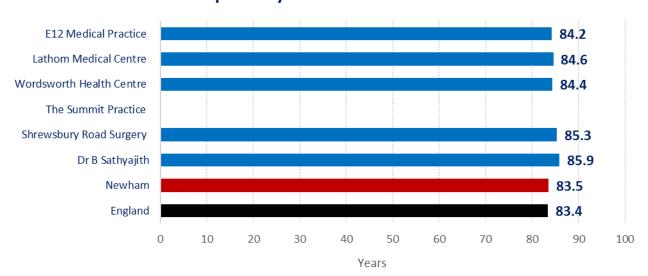
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Data source: PHE, based on ONS mortality data

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

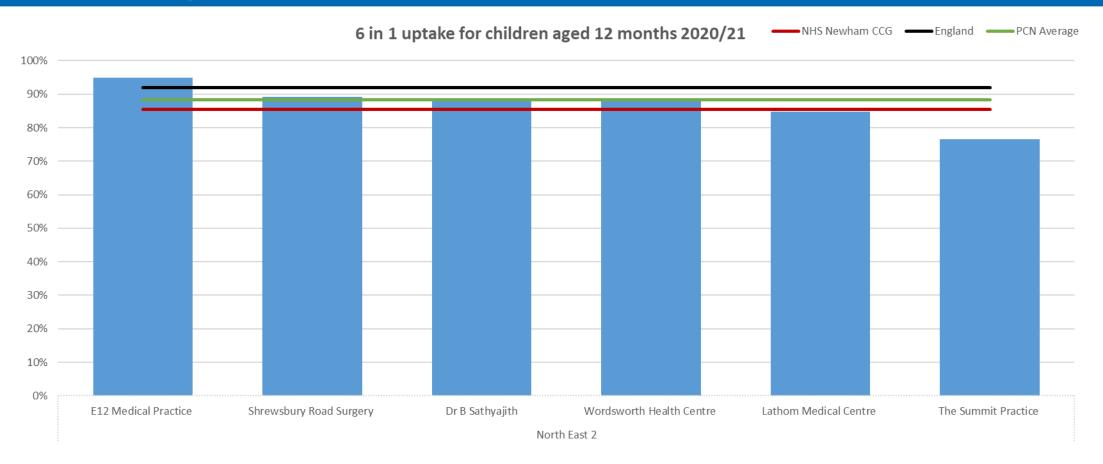
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Data source: PHE, based on ONS mortality data

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



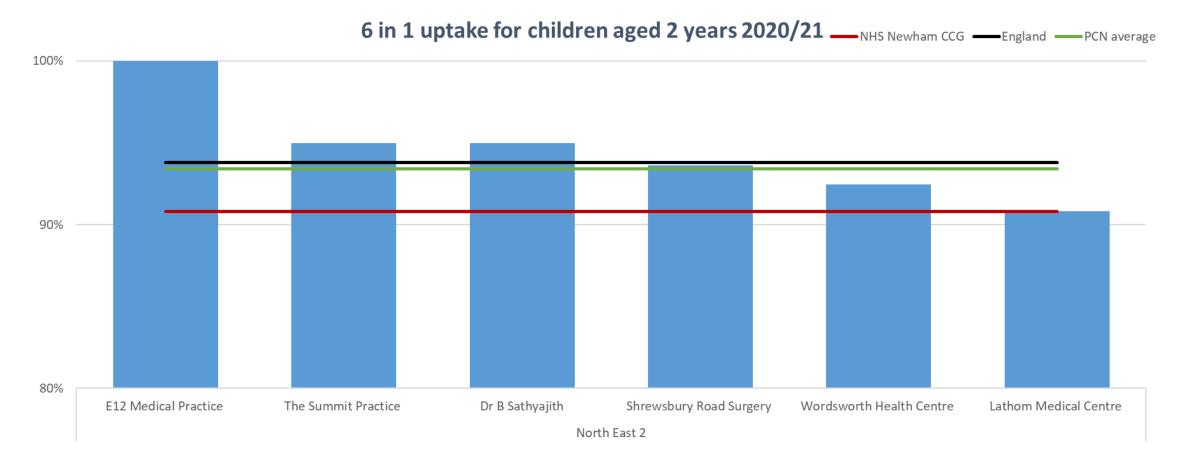


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Data source: CEG dashboards, Fingertips PHE

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



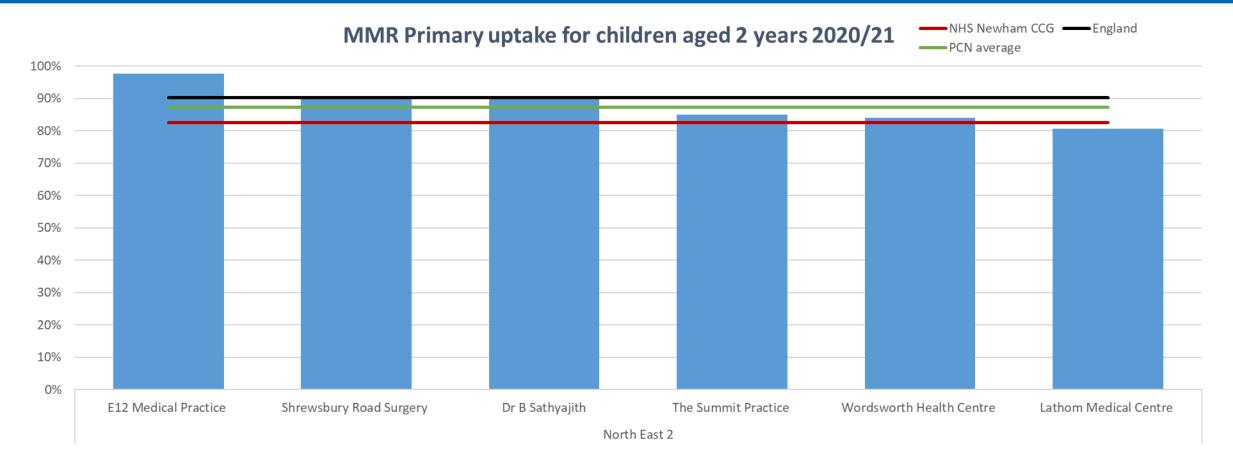


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Data source: CEG dashboards, Fingertips PHE

Childhood Immunisations: MMR primary uptake for children aged 2 years



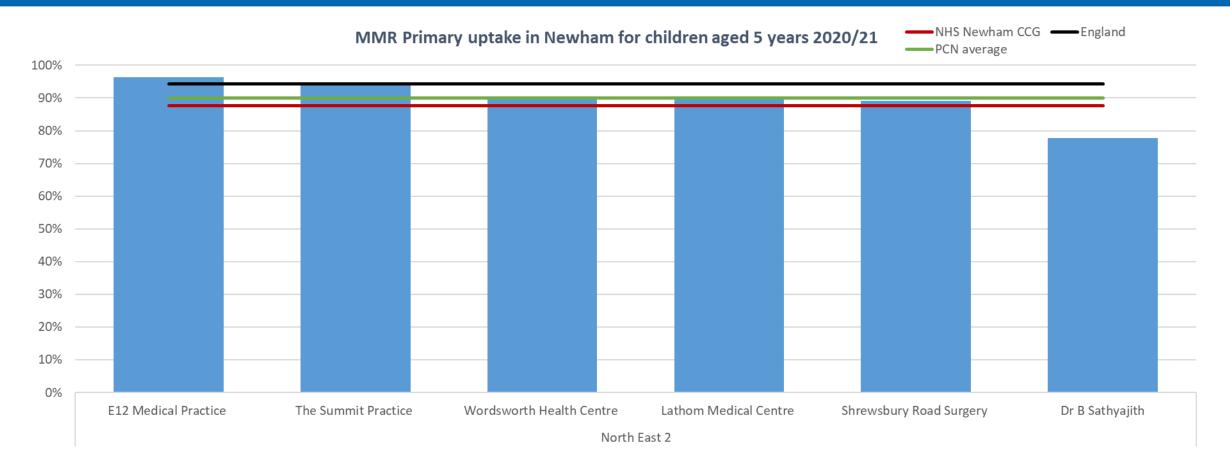


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Data source: CEG dashboards, Fingertips PHE

Childhood Immunisations: MMR primary uptake for children aged 5 years



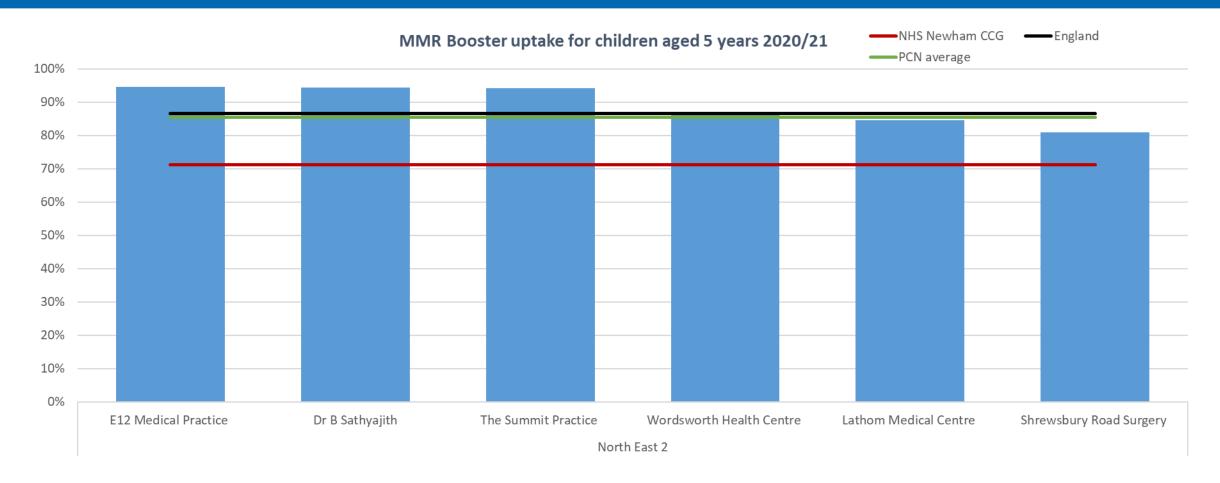


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Data source: CEG dashboards, Fingertips PHE

Childhood Immunisations: MMR booster uptake for children aged 5 years



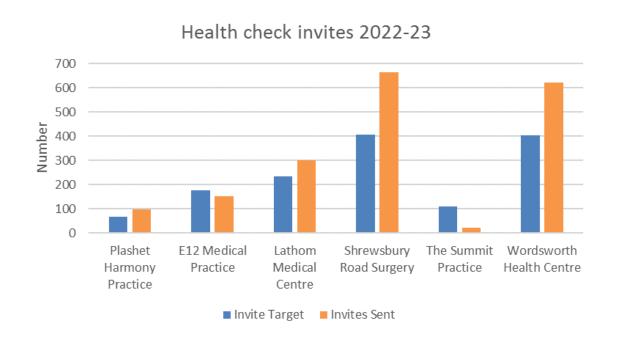


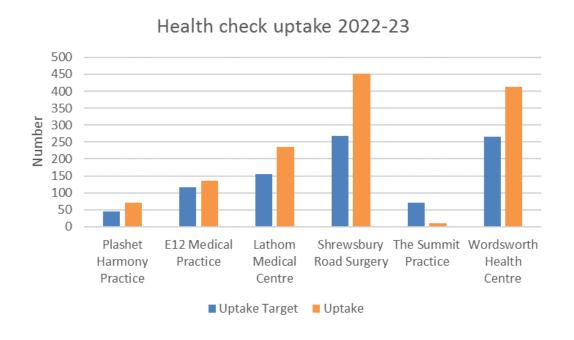
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Data source: CEG dashboards, Fingertips PHE

Health checks – invites and uptake







- In 2022-23, 1852 invites were sent in North East 2 PCN with a target of 1397
- Uptake was 1317 with a target of 922

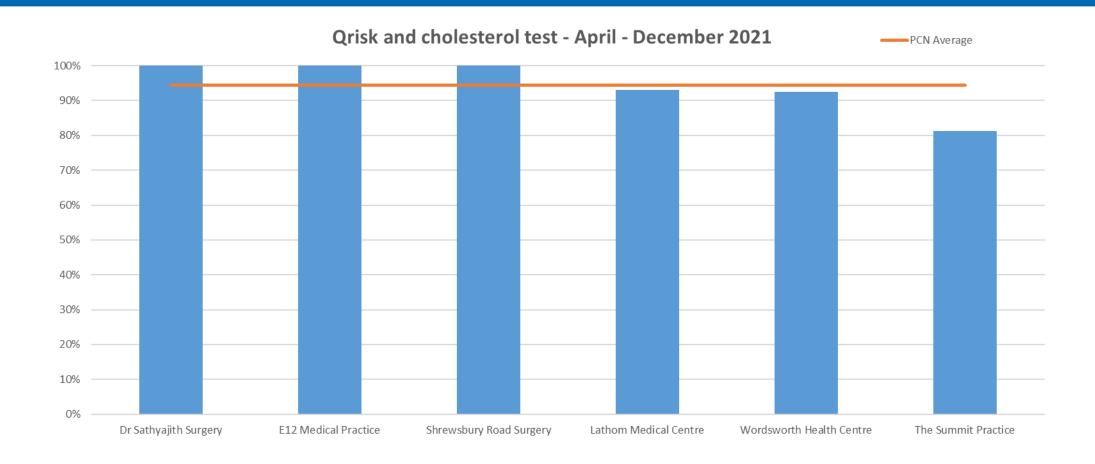
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Data source: Clinical Effectiveness Group

Health checks: Measurements

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





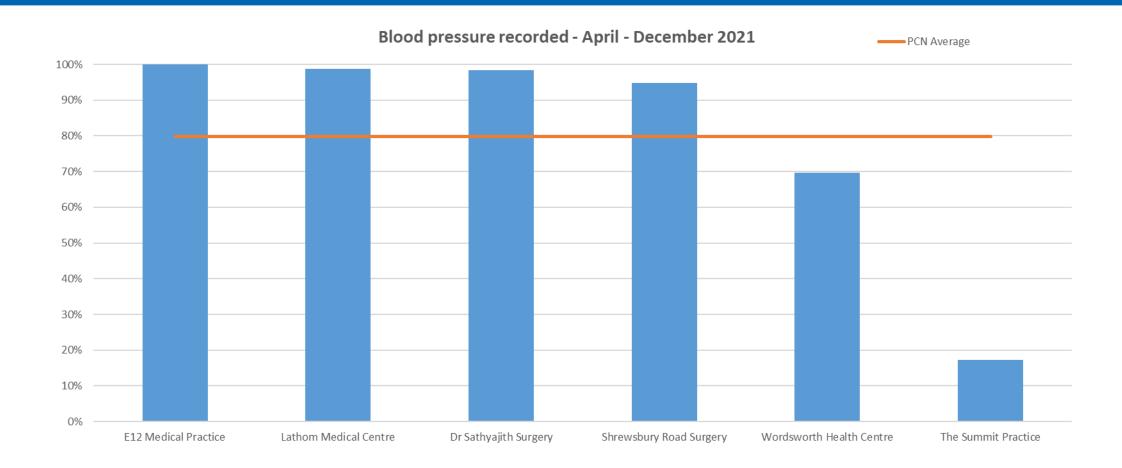
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Data source: Clinical Effectiveness Group

Health checks: Measurements

Blood pressure recorded as a proportion of NHS Health Check





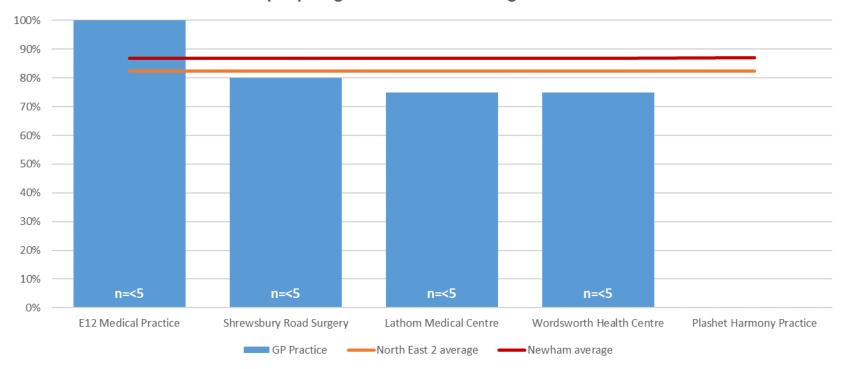
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Data source: Clinical Effectiveness Group

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



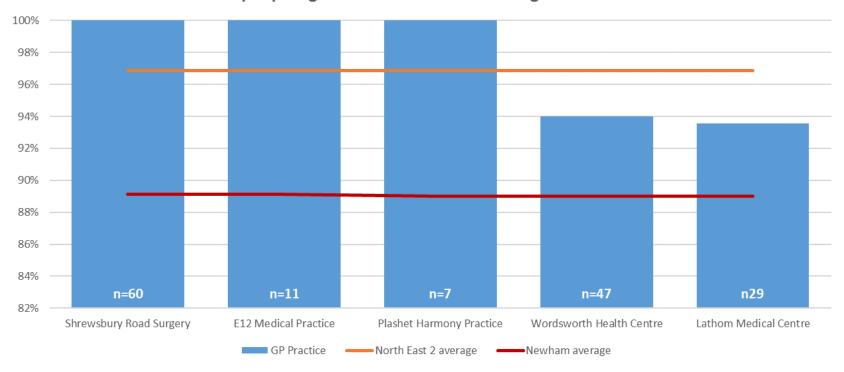


Source: CEG NEL Dashboards

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

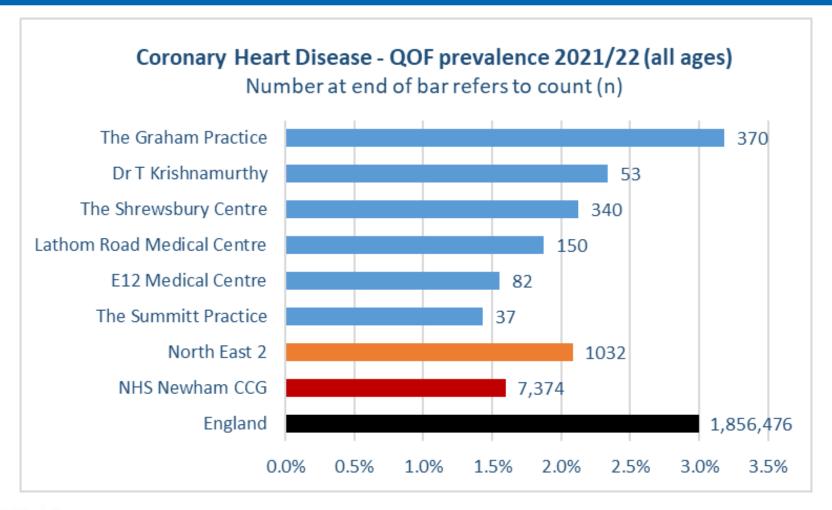


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Source: CEG NEL Dashboards

CVD: Coronary Heart Disease

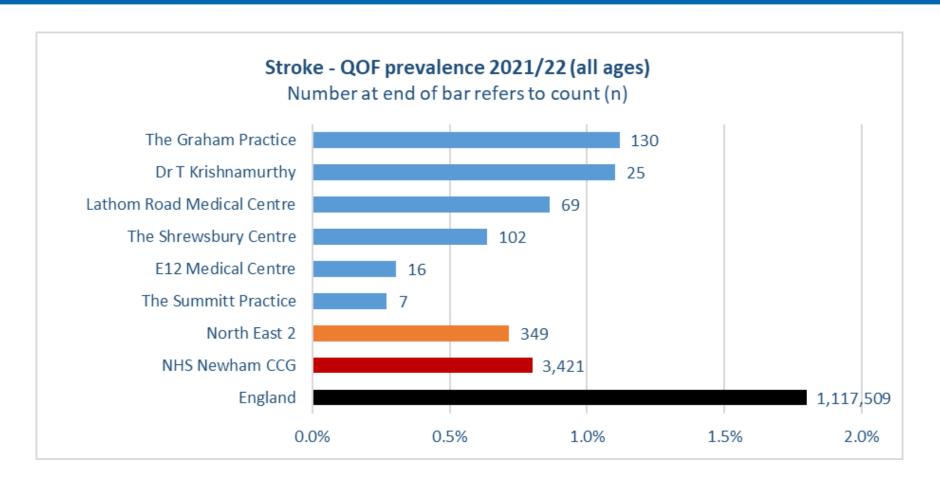




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CVD: Stroke – QOF Prevalence

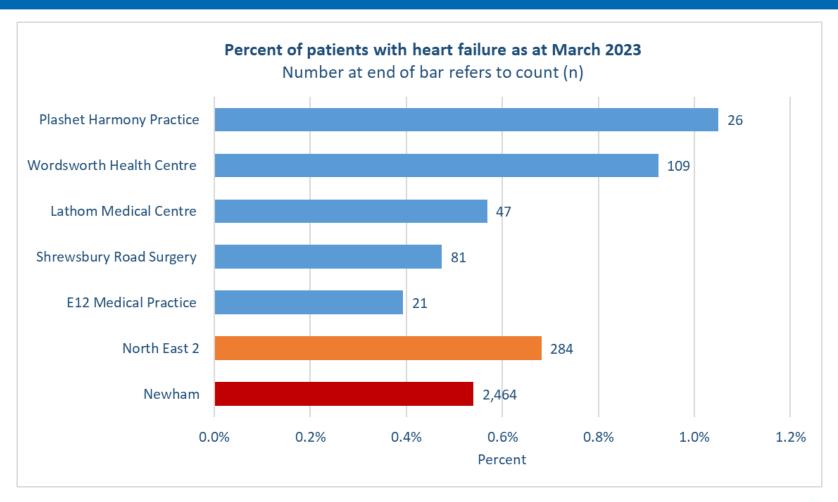




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CVD: % of all patients with heart failure





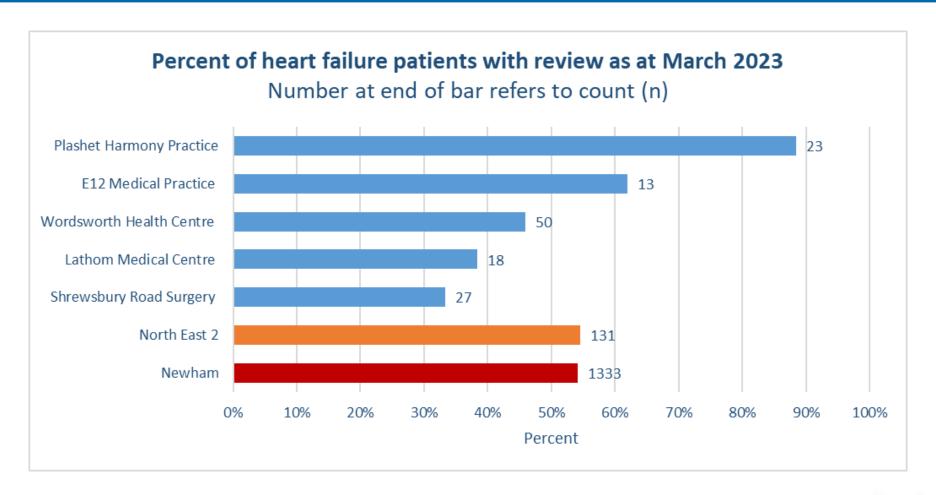
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People at the Heart of Everything We Do

Data source: Clinical Effectiveness Group Toolkit

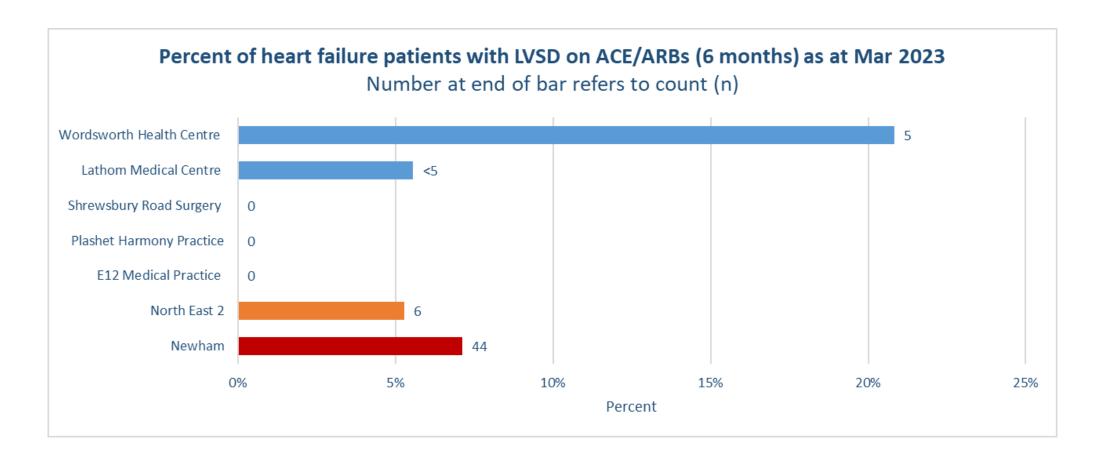
CVD: % of all heart failure patients with review Newham London





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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

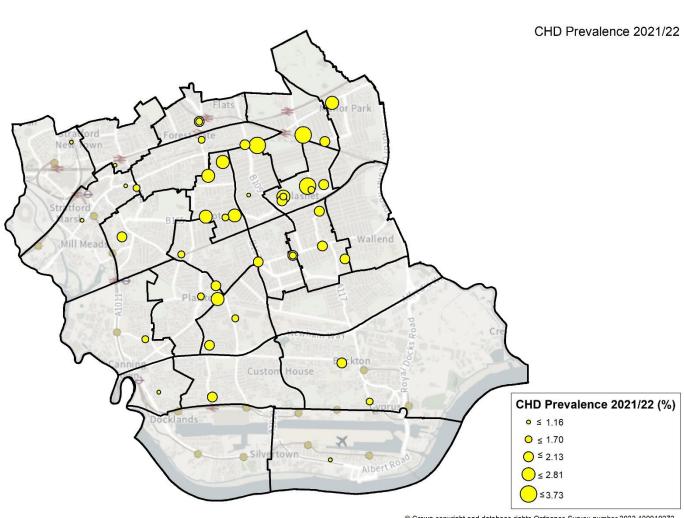
In Newham and North East 2 by GP practice



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

GP practice	CHD prevalence (%)		
The Summit Practice	1.4		
E12 Medical Practice	1.6		
Lathom Medical Centre	1.9		
Shrewsbury Road Surgery	2.1		
DR T KRISHNAMURTHY	2.3		
The Graham Practice	3.2		

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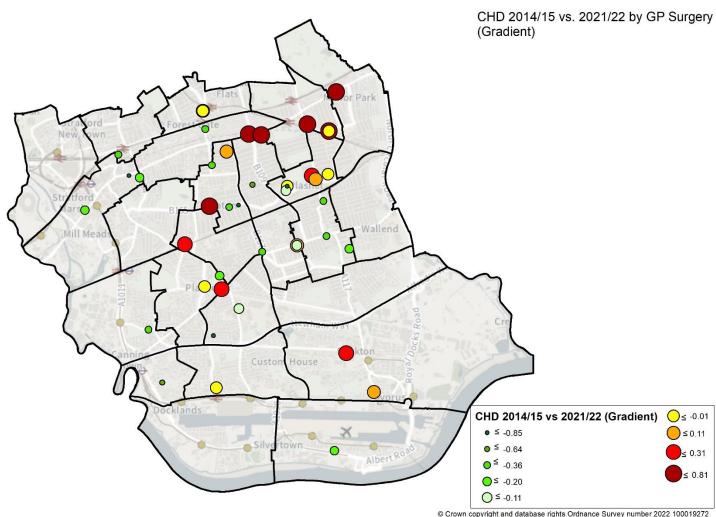
Coronary Heart Disease prevalence - gradient change

In Newham and North East 2 by GP practice



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

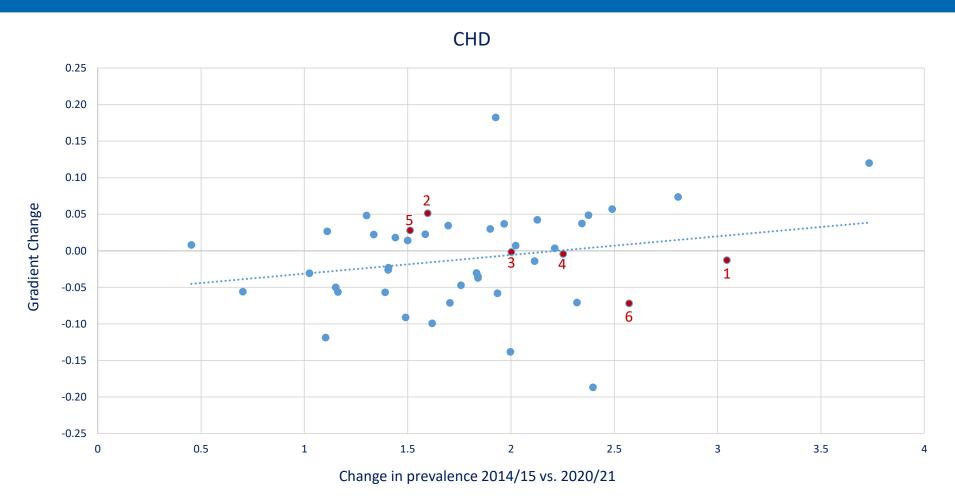
GP practice	2015/2016	2021/2022	Gradient change
DR T KRISHNAMURTHY	3.2	2.3	-0.86
E12 Medical Practice	1.5	1.6	0.10
Lathom Medical Centre	2.2	1.9	-0.37
Shrewsbury Road Surgery	2.2	2.1	-0.13
The Summit Practice	1.4	1.4	-0.02
The Graham Practice	3.0	3.2	0.20



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





Key

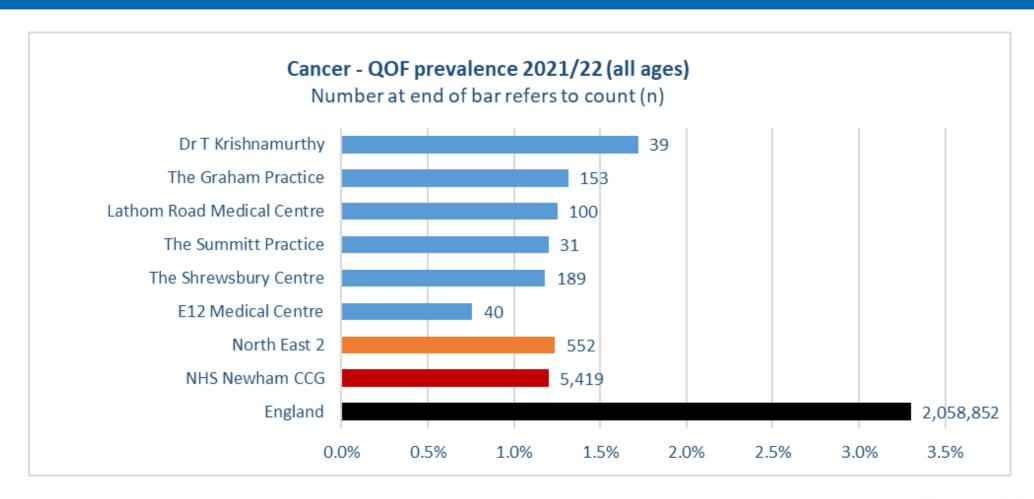
- 1 Dr B Sathyajith
- 2 E12 Medical Practice
- 3 Lathom Medical Centre
- **4** Shrewsbury Road Surgery
- **5** The Summit Practice
- 6 Wordsworth Health Centre

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Cancer: Prevalence



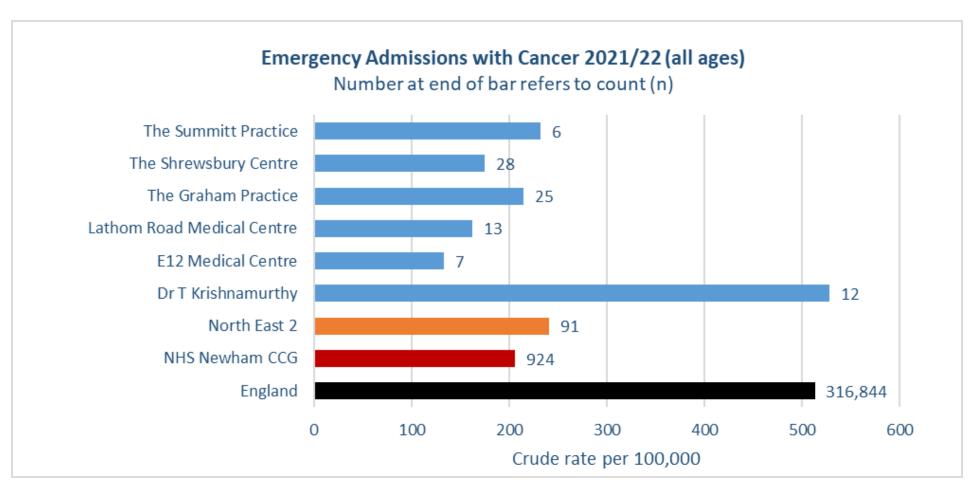


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Source: HES data held by OHID originally provided by NHS Digital

Cancer: Emergency Admissions



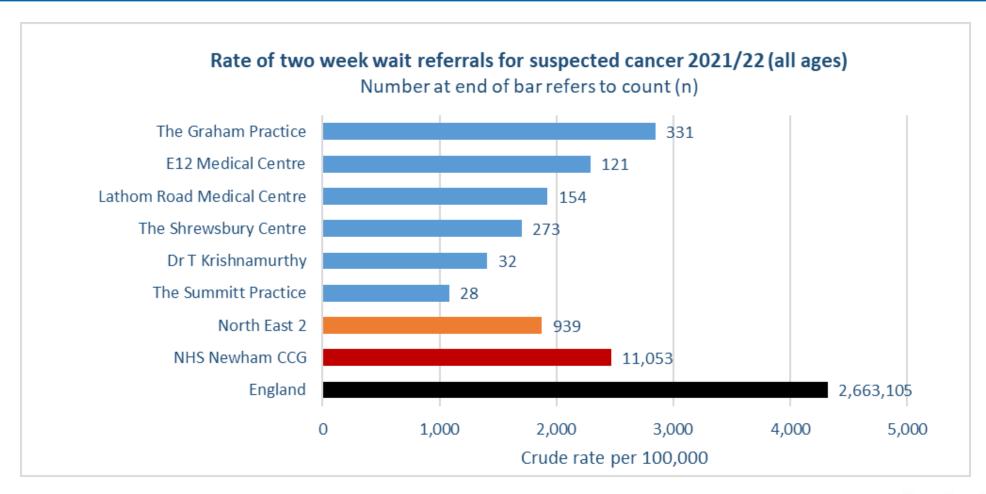


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Source: HES data held by PHE originally provided by NHS Digital

Cancer: 2 week wait referrals





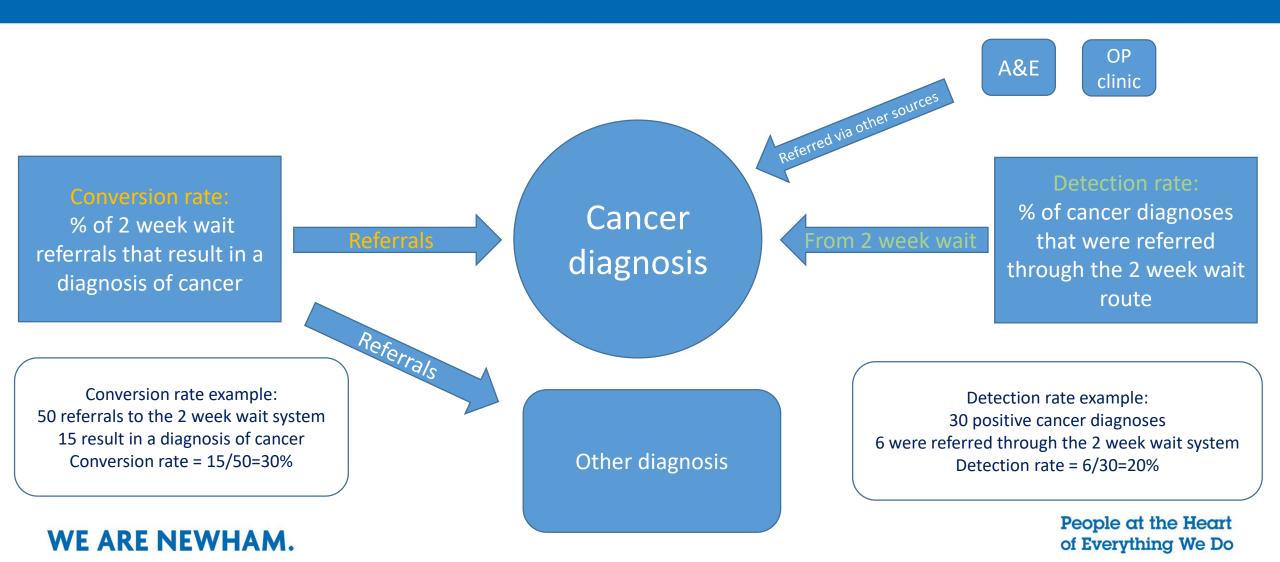
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Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

Cancer: 2 week wait referrals: Detection and conversion explained





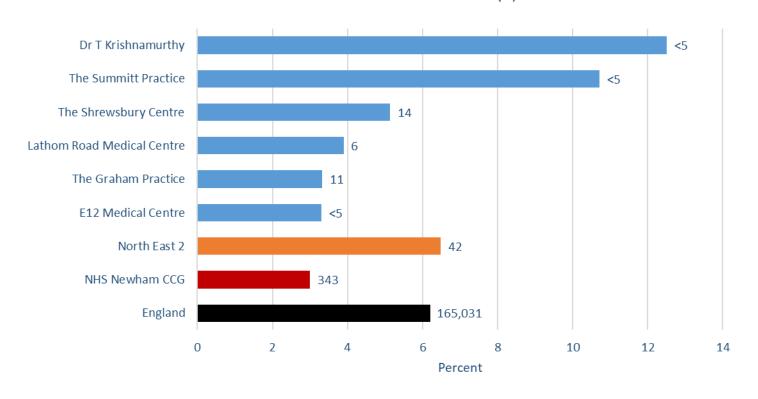
Data source: NHS England Cancer Waiting Times database via National GP Practice Profiles, OHID

Back to contents

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)

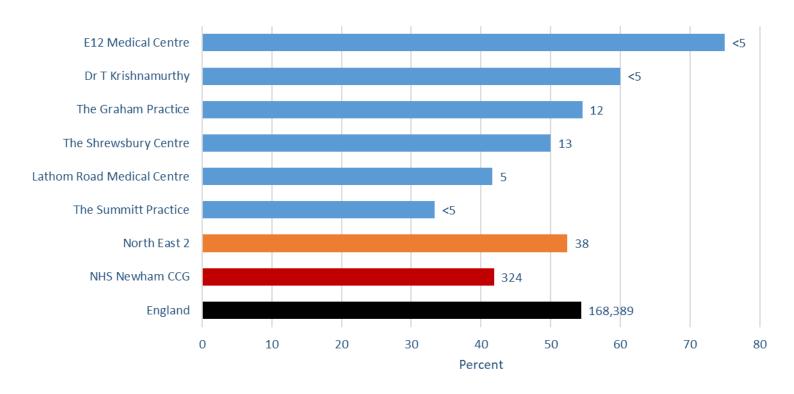


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Cancer: 2 week wait referrals - detection



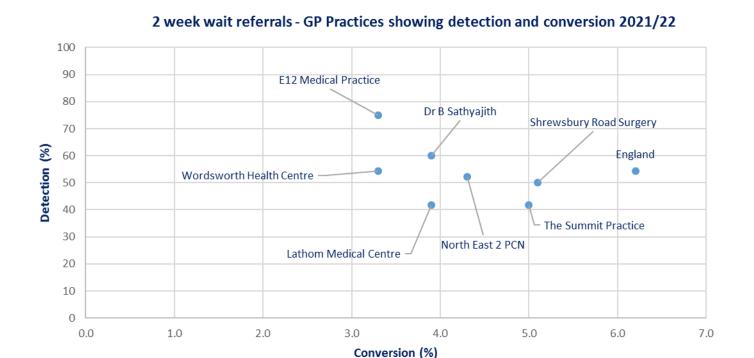
New cancer cases resulting from 2 week wait referral (detection rate) 2021/22 - all ages Number at end of bar refers to count (n)



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Cancer: 2 week wait referrals – conversion/detection 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

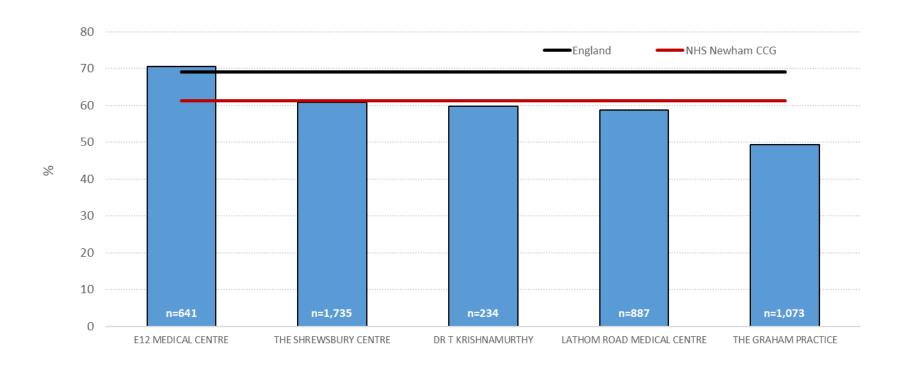
A higher detection percentage means cancers have been detected via referrals through the 2 week wait system, as opposed to emergency admissions for example.

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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

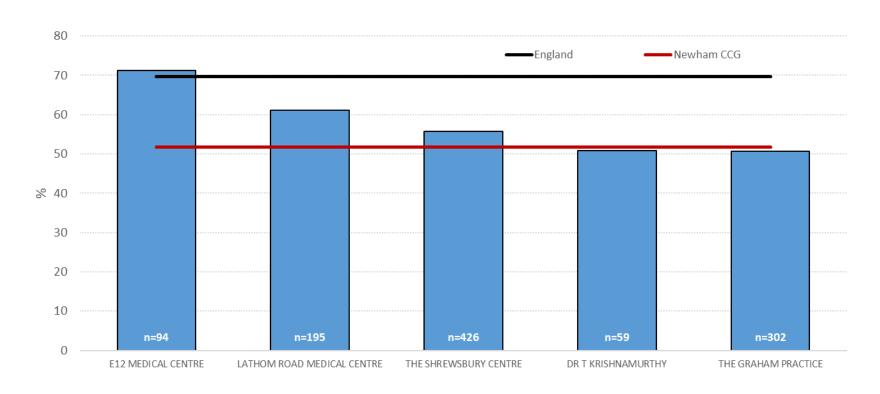


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Bowel Screening



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

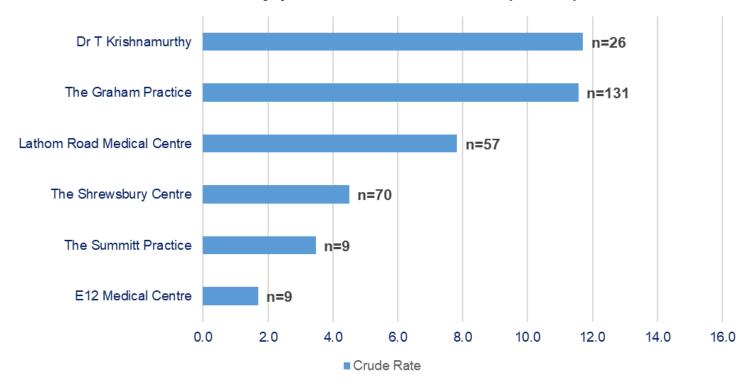


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Chronic obstructive pulmonary disease (COPD)



Rate of COPD by practice - North East 2 (n=302)



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COPD prevalence

In Newham and NE2 by GP practice



COPD Prevalence 2021/22

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

GP practice	COPD prevalence (%)		
E12 Medical Centre	0.2		
The Shrewsbury Centre	0.4		
Dr T Krishnamurthy	1.1		
Lathom Road Medical Centre	0.6		
The Graham Practice	1.2		
The Summitt Practice	0.4		

COPD Prevalence 2021/22 (%) o ≤ 0.47 O ≤ 0.73 ○ ≤ 1.00 **○** ≤ 1.53 ≤2.04

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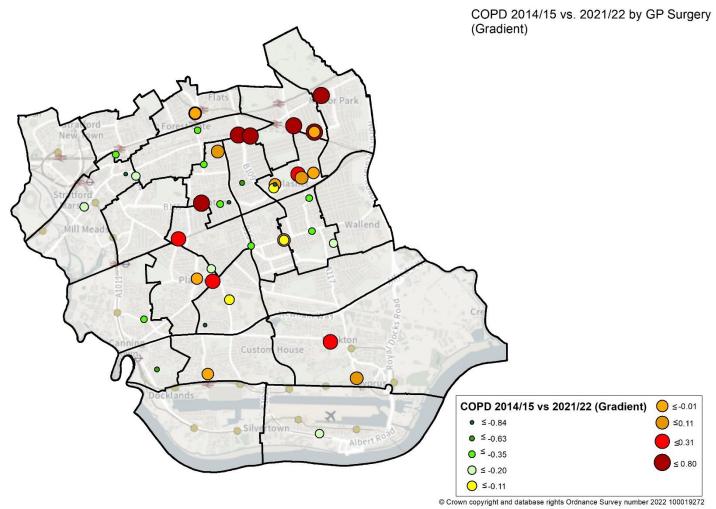
COPD prevalence - gradient change

In Newham and NE2 by GP practice



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

GP practice	2015/2016	2021/2022	Gradient change
E12 Medical Centre	0.2	0.2	-0.05
The Shrewsbury Centre	0.5	0.4	-0.02
Dr T Krishnamurthy	1.1	1.1	0.00
Lathom Road Medical Centre	0.9	0.6	-0.33
The Graham Practice	1.2	1.2	-0.05
The Summitt Practice	0.4	0.4	0.01



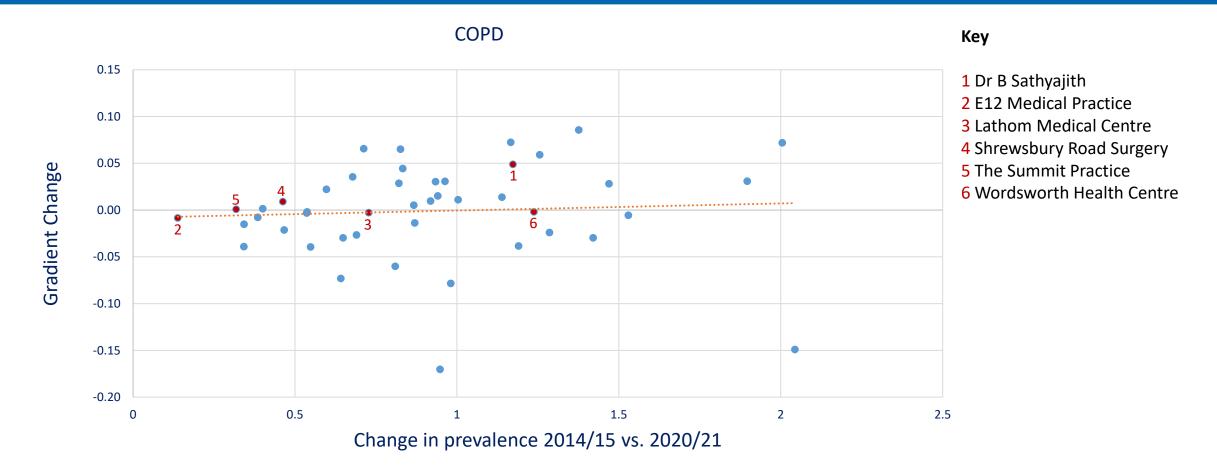
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Data source: OHID Fingertips

Back to contents

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





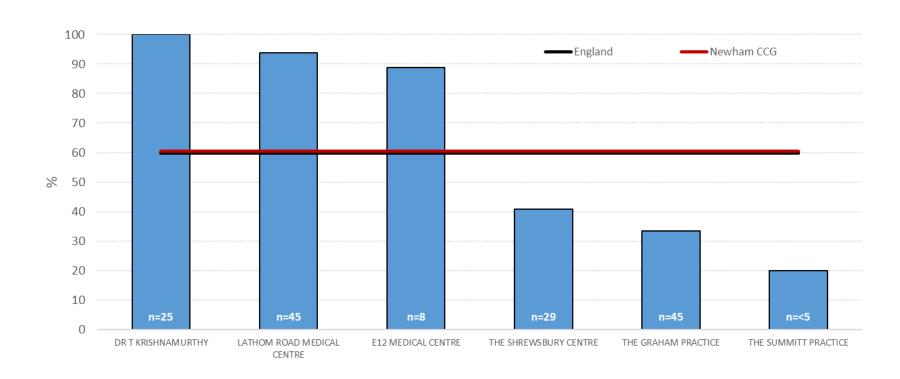
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COPD: Patients who had a review in the last 12 months



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

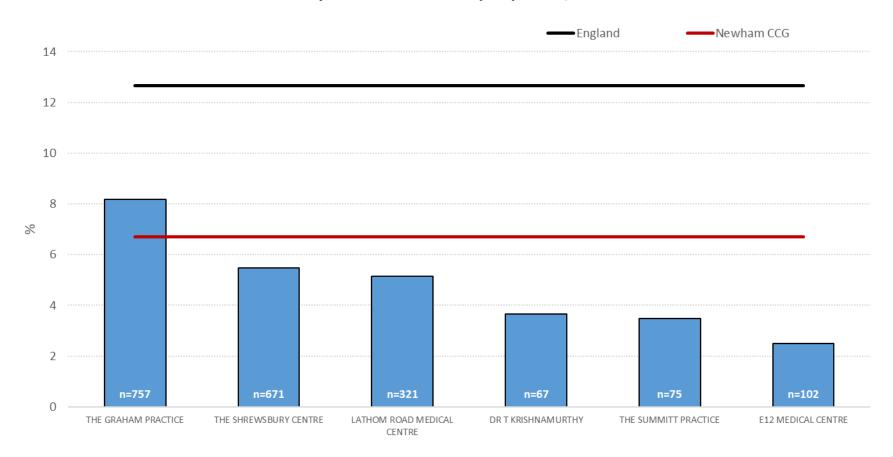


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Mental health: Depression prevalence



Depression Prevalence (18+): 2021/22



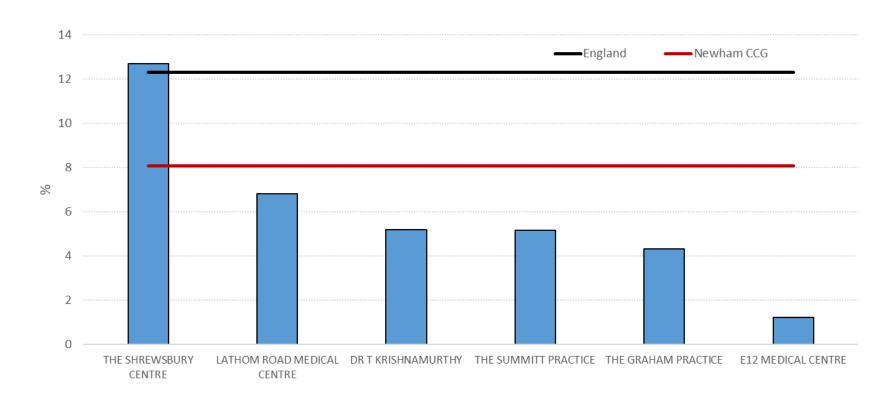
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Mental health: Long term mental health problem

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



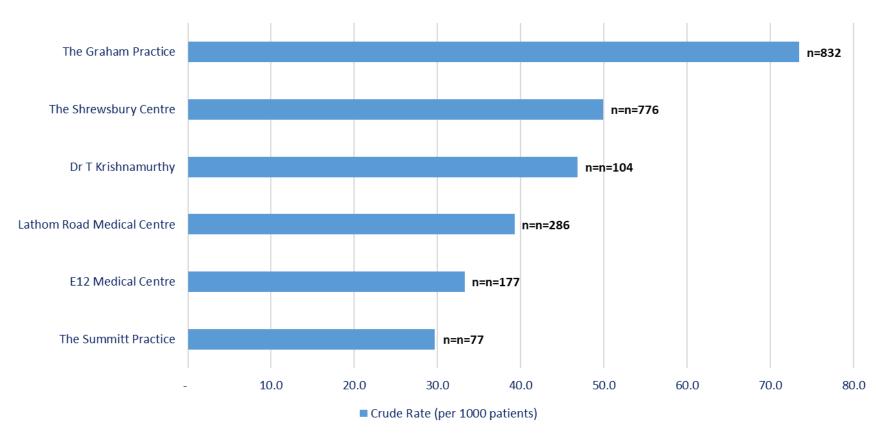
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Chronic mental illness (CMI)



Rate of CMI by practice - North East 2 (n=2,252)



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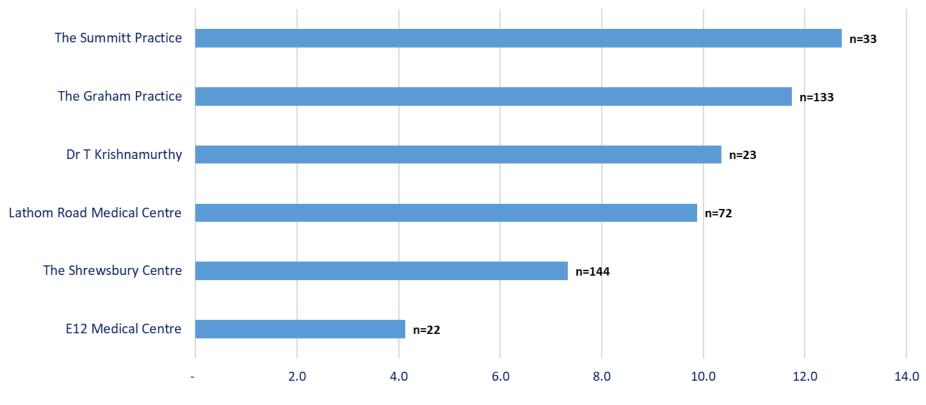
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Data source: Clinical Effectiveness Group

Serious mental illness (SMI)







Crude rate per 1000 patients

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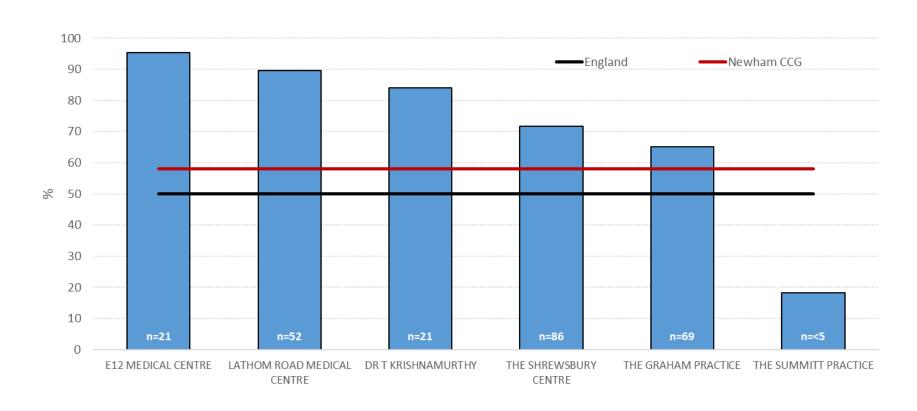
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Data source: Clinical Effectiveness Group

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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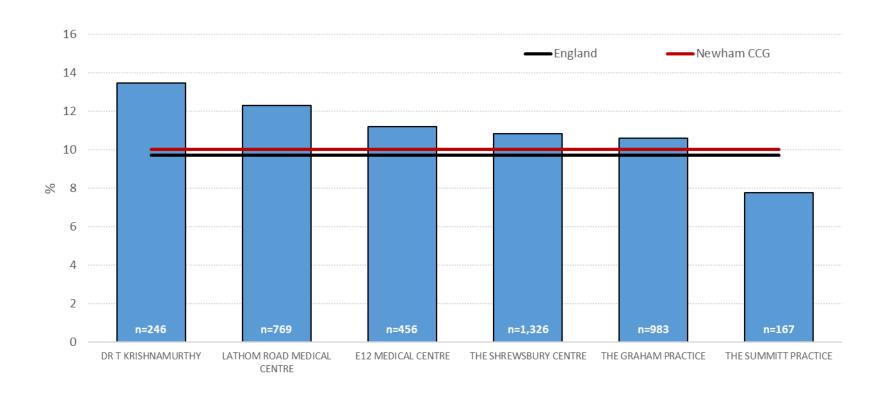
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Back to contents

Obesity: Prevalence 18+



Obesity Prevalence (18+): 2021/22

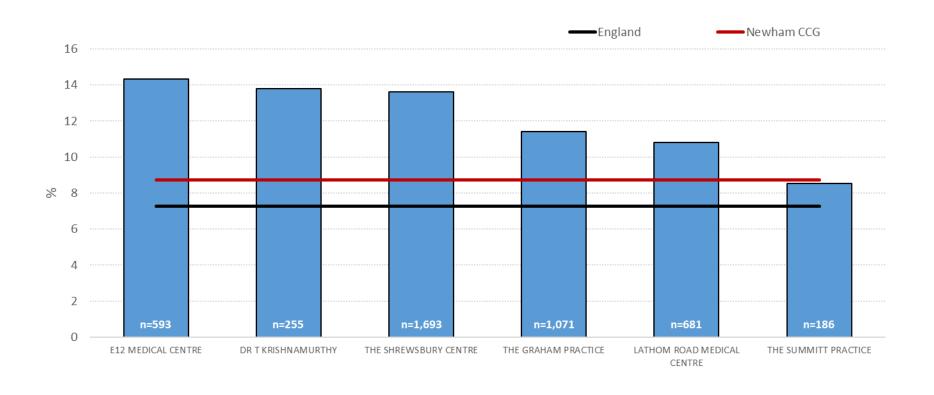


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Diabetes prevalence – as of Nov 2021 (Type 1 and Type 2 diabetes mellitus)



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



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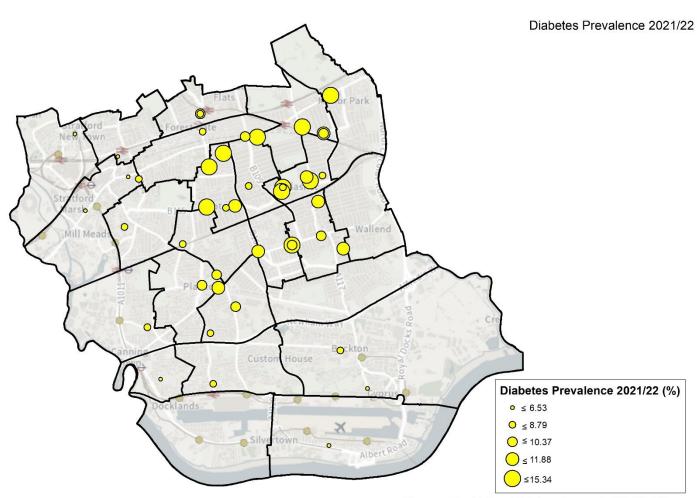
Diabetes prevalence

In Newham and North East 2 by GP practice



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

GP practice	CHD prevalence (%)	
E12 Medical Centre	13.0	
The Shrewsbury Centre	13.6	
Dr T Krishnamurthy	13.8	
Lathom Road Medical Centre	10.8	
The Graham Practice	11.4	
The Summitt Practice	8.5	



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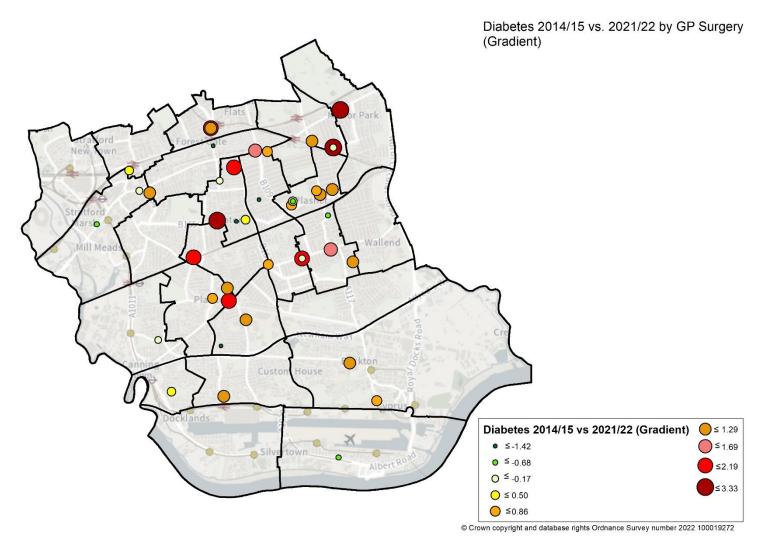
Diabetes prevalence - gradient change

In Newham and North East 2 by GP practice



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

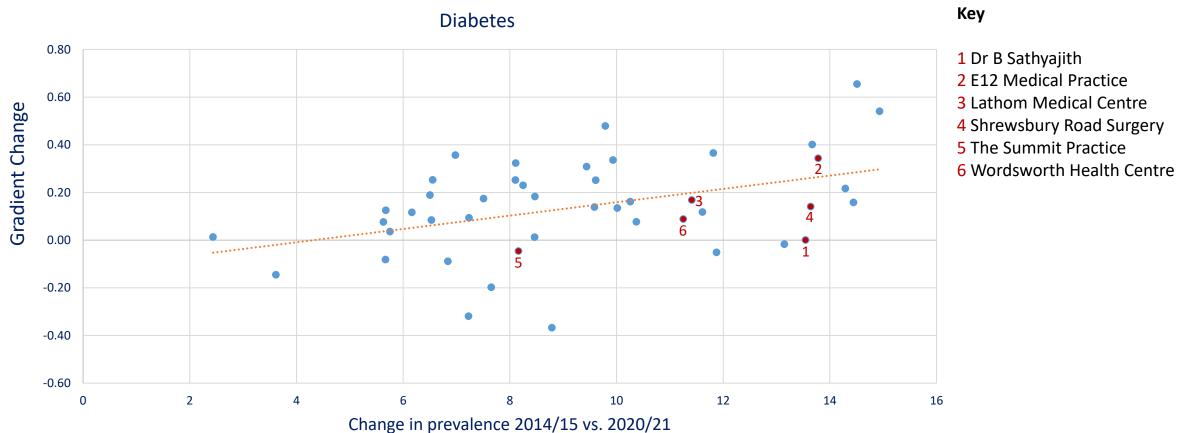
GP practice	2015/2016	2021/2022	Gradient change
Dr T Krishnamurthy	14.7	13.8	-0.87
E12 Medical Practice	13.0	14.3	1.28
Lathom Medical Centre	11.5	10.8	-0.69
Shrewsbury Road Surgery	13.0	13.6	0.62
The Summit Practice	8.3	8.5	0.22
The Graham Practice	10.7	11.4	0.71



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





- 4 Shrewsbury Road Surgery

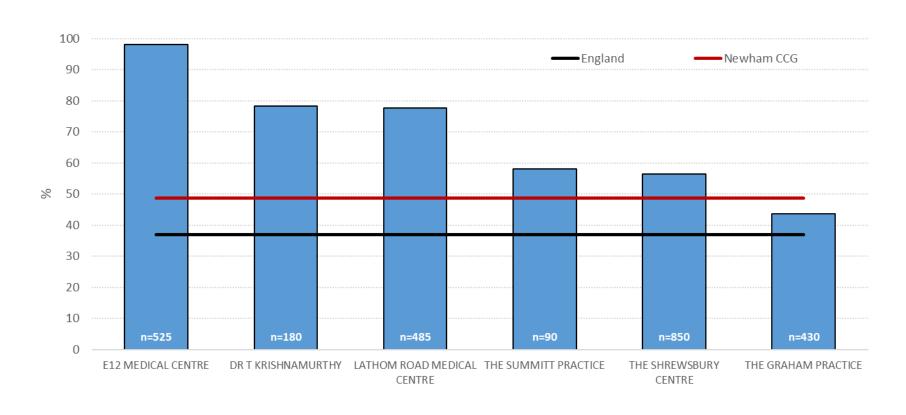
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Diabetes: Type 2 diabetic patients who have 8 recorded care processes



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

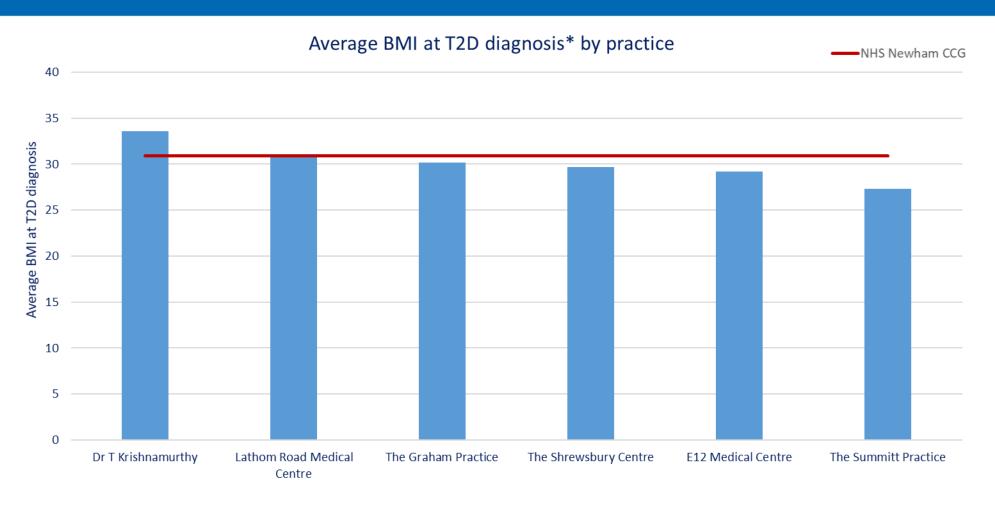


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Diabetes: Type 2 diabetic patients: Average Body Mass Index (BMI) at diagnosis*





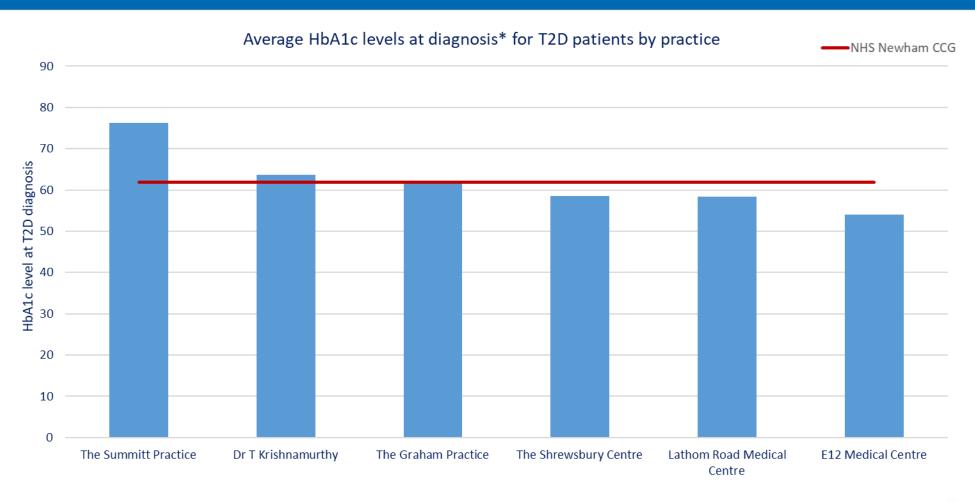
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*Diagnosis refers to value taken between 3 months before to 2 months after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

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





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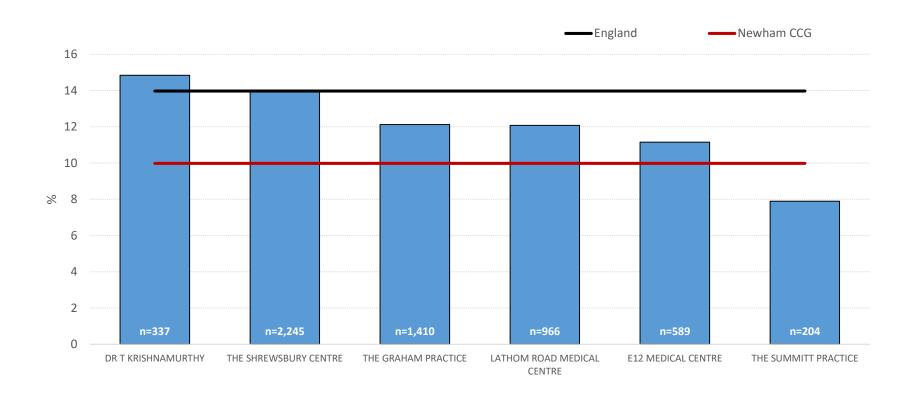
*Diagnosis refers to value taken between 3 months before to 14 days after T2D diagnosis

Data source: Clinical Effectiveness Group (CEG)

Hypertension: Prevalence



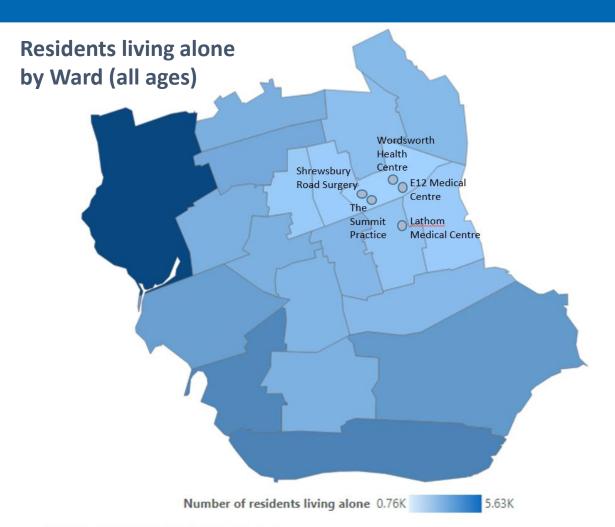
Hypertension Prevalence 2021/22

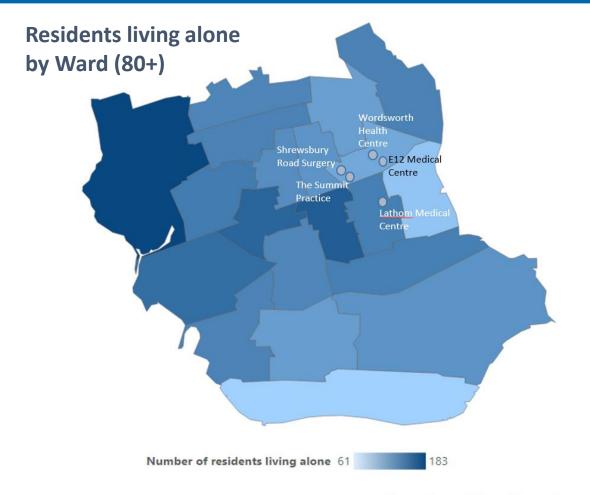


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Living alone







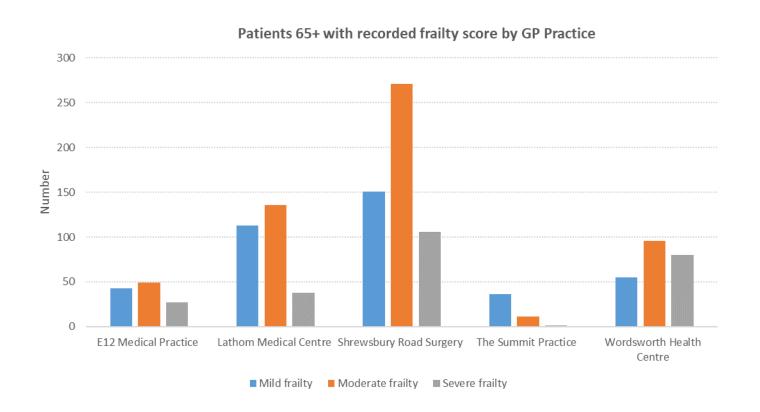
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Data source: Data Warehouse (March 2022)

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

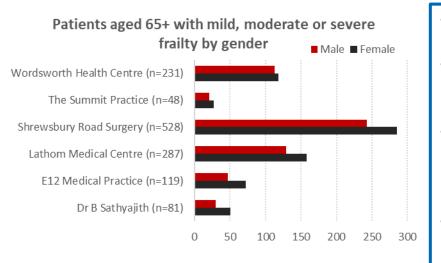
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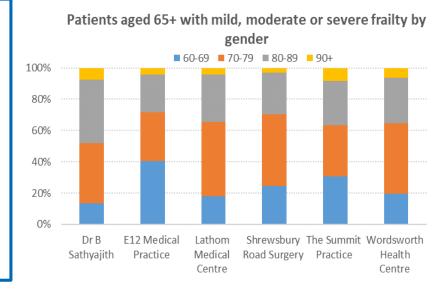
Data source: East London Database via CEG

Frailty by ethnicity and age

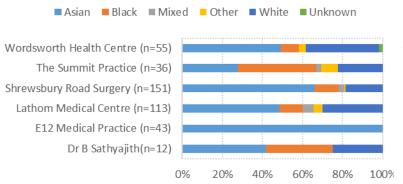




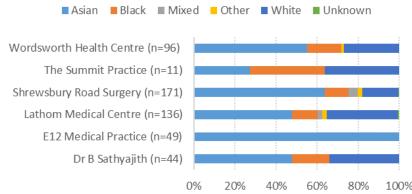
- The data is a snapshot as at 1st April 2020
- Females account for the highest proportion at 55% compared to 45% males
- Data by age band shows the highest proportion to be in the 70-79 age band for all practices
- The graphs below show a split by Practice and ethnicity for mild, moderate and severe frailty scores



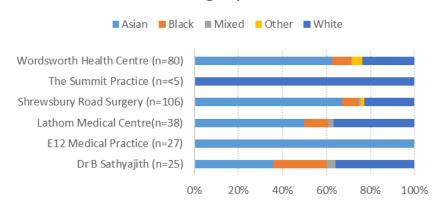
Mild frailty aged 65+ by practice and ethnic group



Moderate frailty aged 65+ by practice and ethnic group



Severe frailty aged 65+ by practice and ethnic group



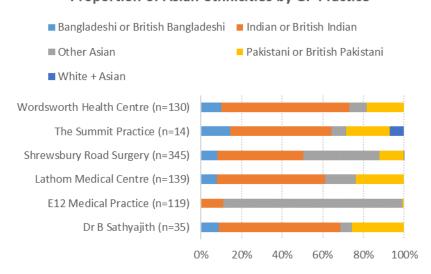
Data source: East London Database via CEG

Back to contents

Frailty showing detailed ethnicity

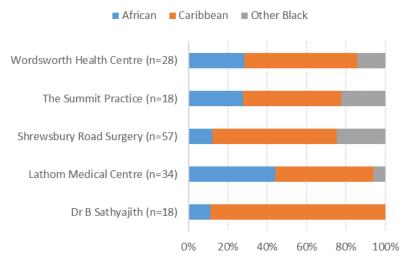


Proportion of Asian ethnicities by GP Practice



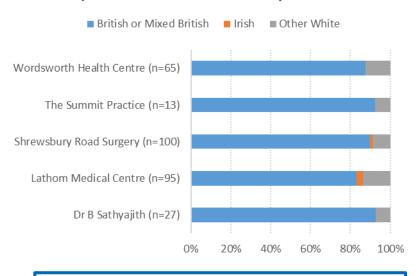
- Asian ethnicities make up 60.3% of all North East 2 patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the Asian ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all Asian ethnicities are shown for each practice

Proportion of Black ethnicities by GP Practice



- Black ethnicities make up 12% of all North East 2 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

Proportion of White ethnicities by GP Practice

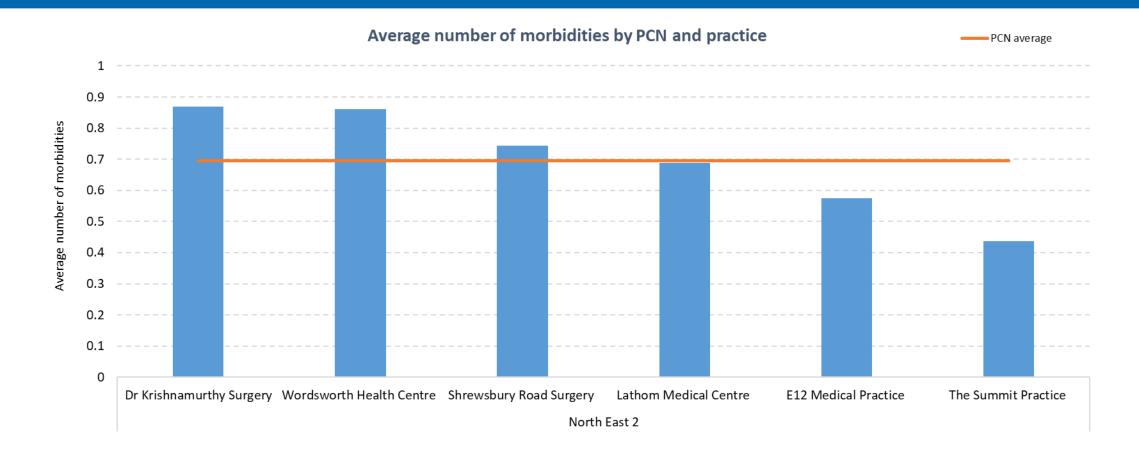


- White ethnicities make up 23.2% of all North East 2 PCN patients with mild, moderate or severe frailty
- The chart above shows a breakdown of the White ethnic groups for residents with mild, moderate and severe frailty scores
- Total counts for all White ethnicities are shown for each practice

Data source: Fast London Database via CFG

Multi-morbidity: Average number by practice



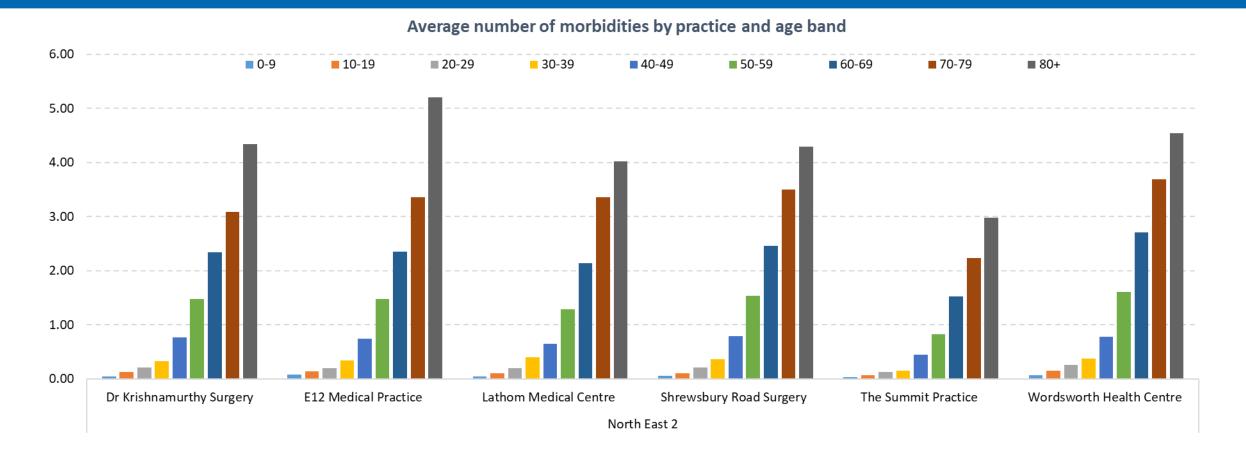


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Data source: Clinical Effectiveness Group – ELDB (2021)

Multi-morbidity: Average number by practice and age





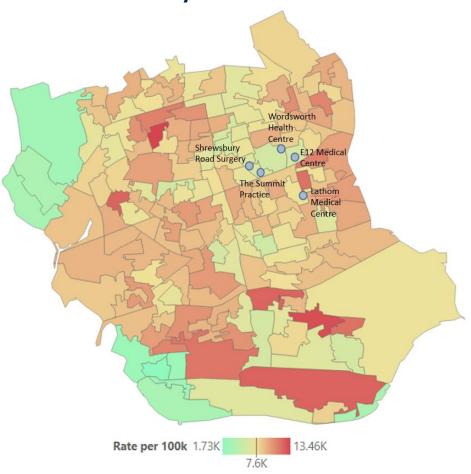
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Data source: Clinical Effectiveness Group – ELDB (2021)

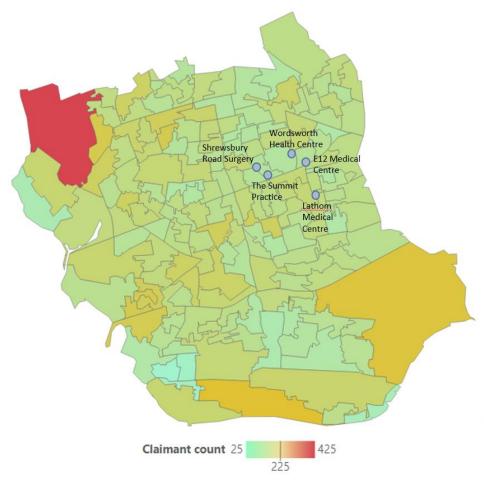
Unemployment



Claimant count crude rate per 100k by LSOA February 2022



Total number of claimants by LSOA February 2022

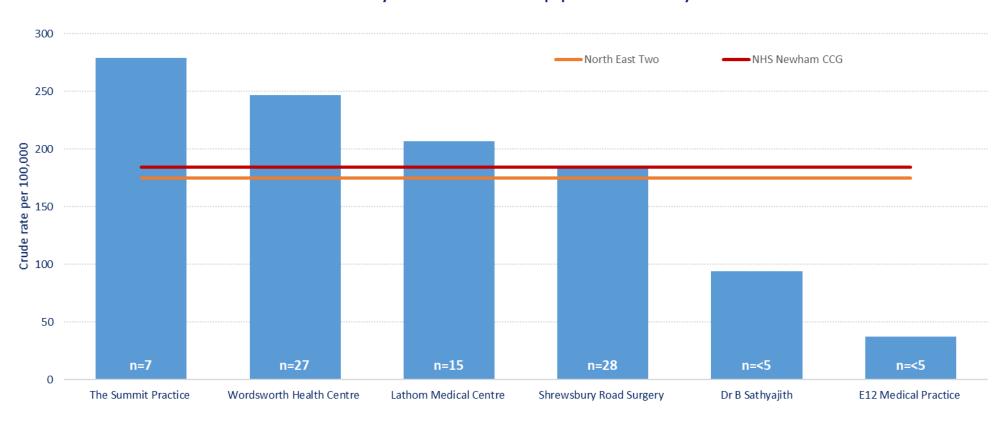


Data source: Office for National Statistics - NOMIS

Mortality: Premature deaths (<75 years)



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



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Newham Public Health Team North East 2 PCN Profile May 2023

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