

# Neighbourhood Profiles 2025

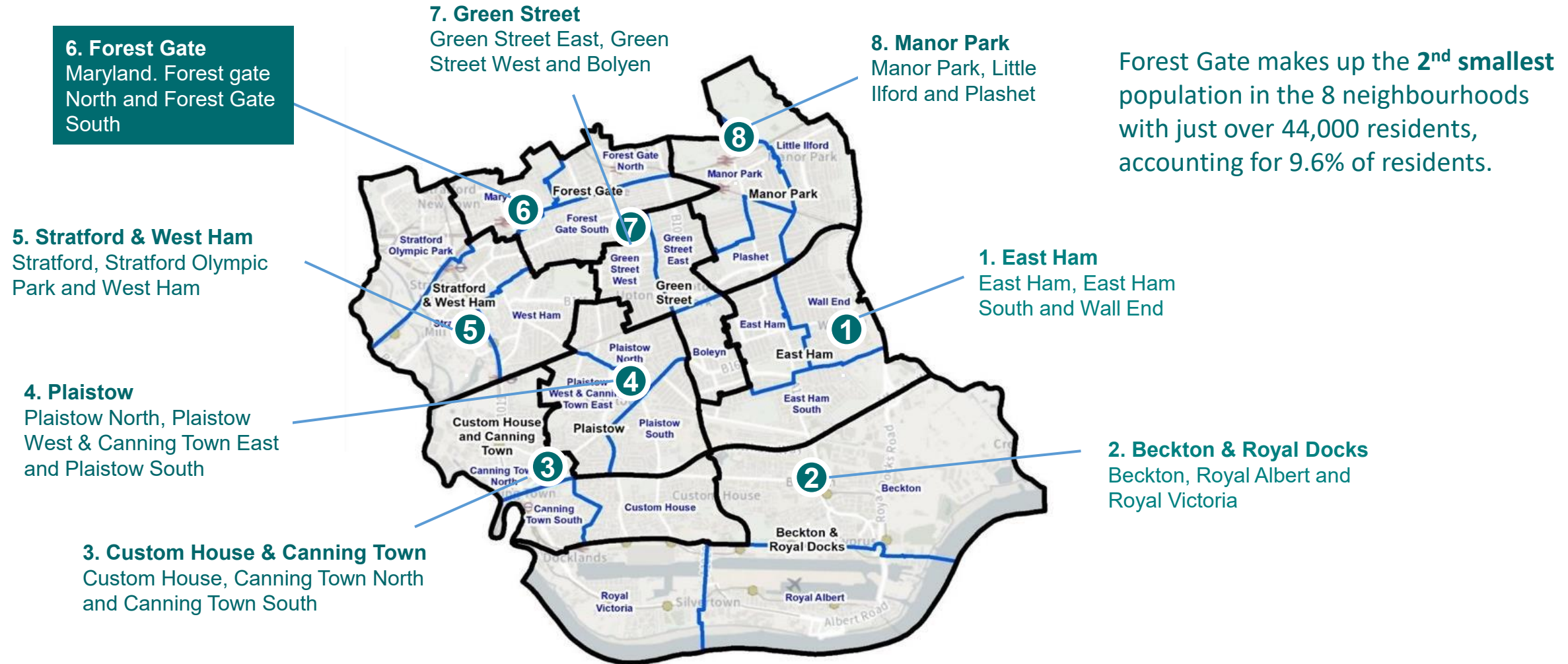
## Forest Gate

# Profile content

- Population data
- Health behaviours
- Long Term Condition
- Primary Care
- Emergency Hospital Admissions
- Hospital Admissions length of stay
- Avoidable admissions
- Whole population segmentation (NEL ICB)
- Carers data
- Air pollution
- Assets

# Population Data

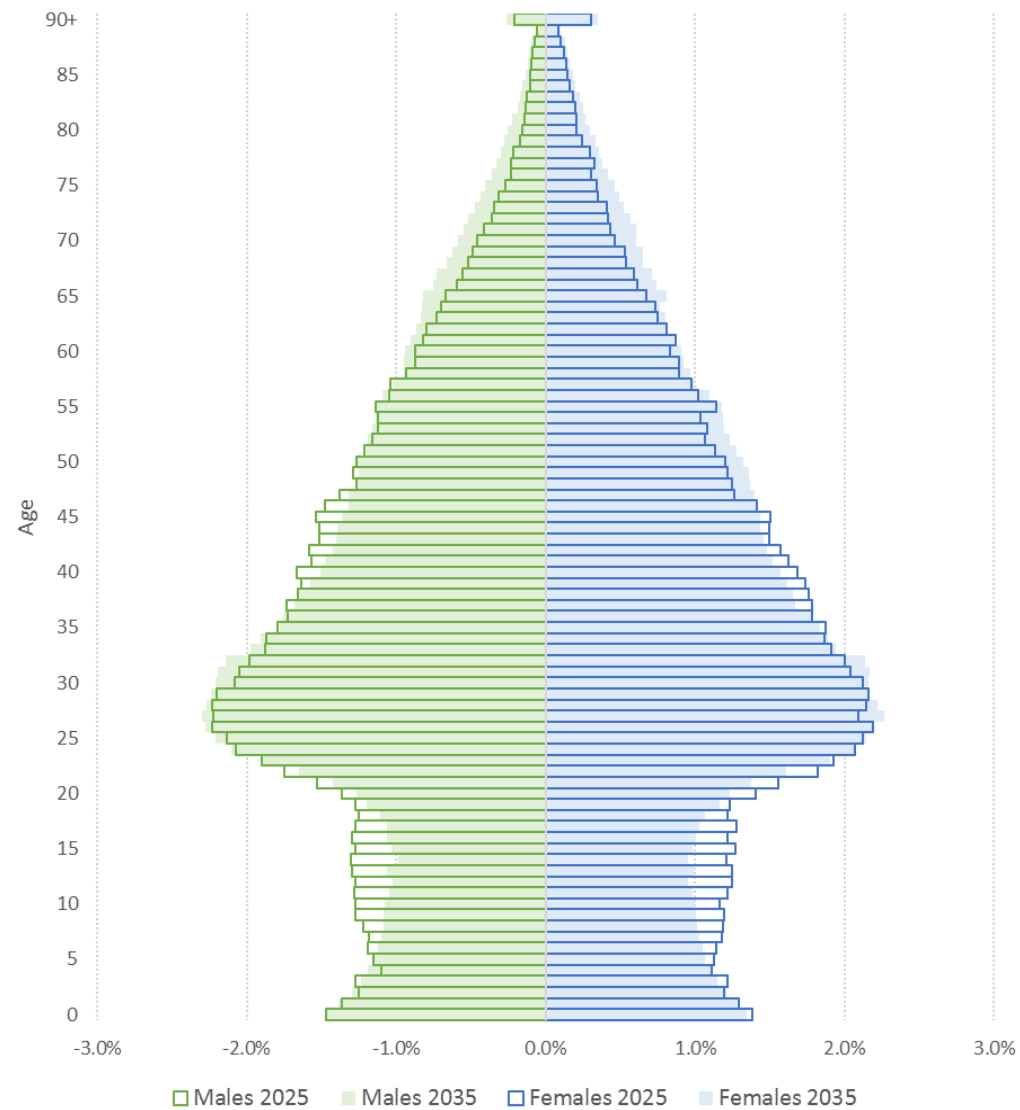
# Neighbourhood Areas



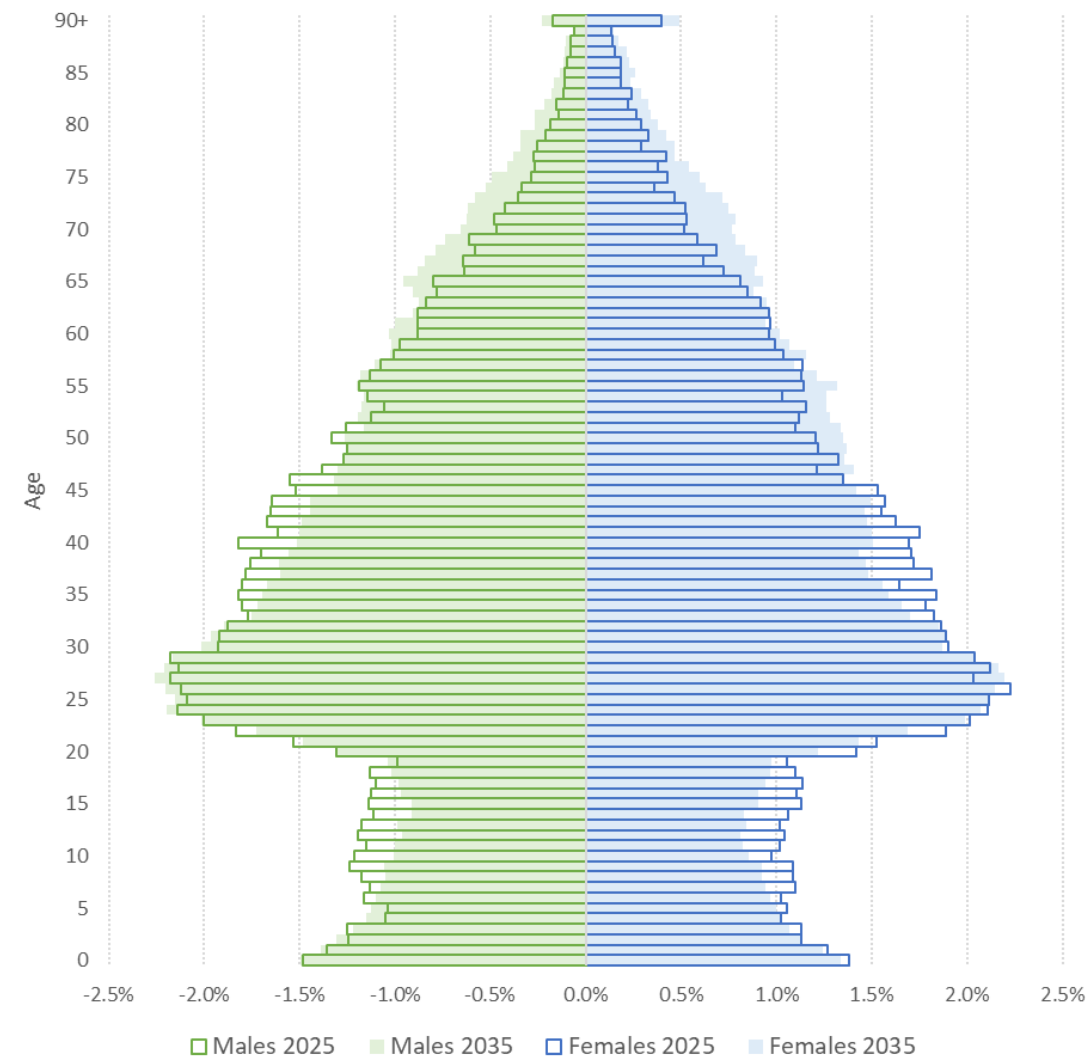
# Population projections – Newham compared to Forest Gate



Population projection Newham - 2025 to 2035 by gender



Population projection Forest Gate  
2025 to 2035 by gender



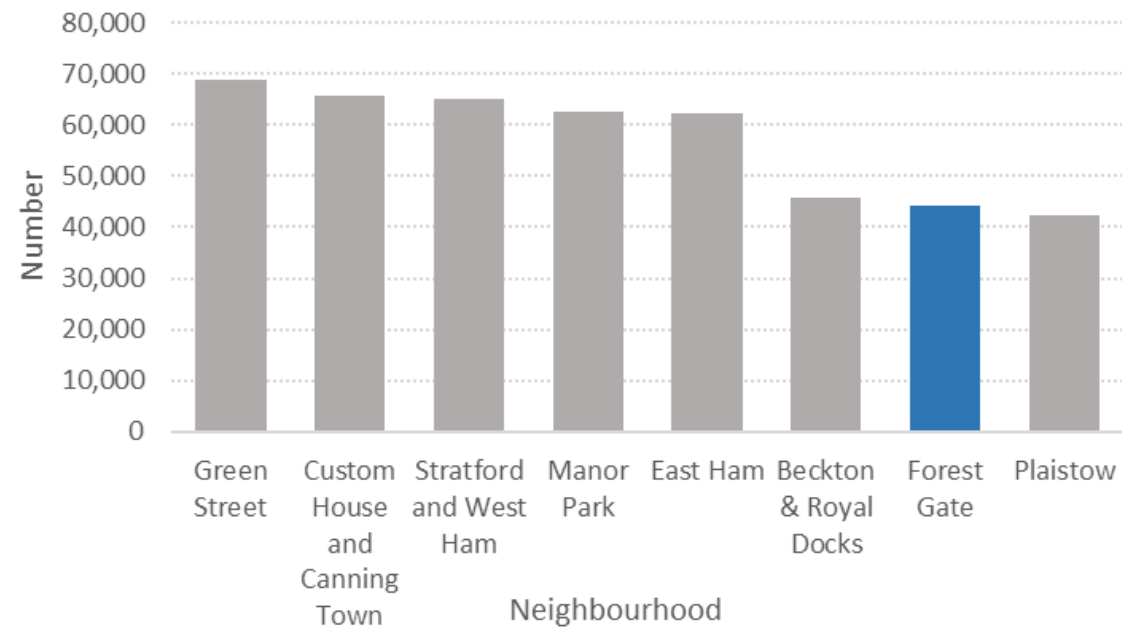
# Population projections

|                       | 2025           | 2035           | % increase | Increase      |
|-----------------------|----------------|----------------|------------|---------------|
| Forest Gate total     | 43,140         | 43,483         | 1%         | 343           |
| Forest Gate males     | 21,113         | 20,985         | -1%        | -128          |
| Forest Gate females   | 22,028         | 22,498         | 2%         | 471           |
| <b>Newham total</b>   | <b>378,200</b> | <b>435,200</b> | <b>15%</b> | <b>57,000</b> |
| <b>Newham males</b>   | <b>187,000</b> | <b>212,800</b> | <b>14%</b> | <b>25,800</b> |
| <b>Newham females</b> | <b>191,200</b> | <b>222,400</b> | <b>16%</b> | <b>31,200</b> |

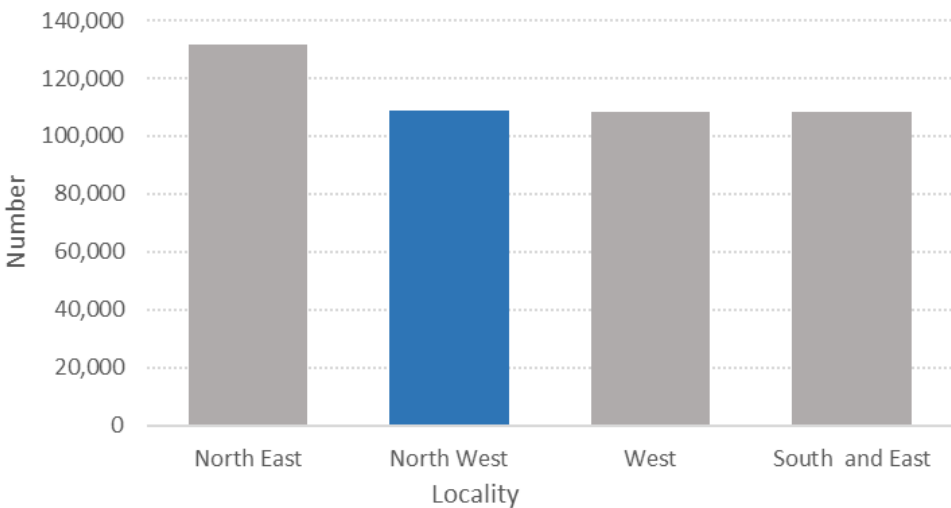
# Population numbers



Neighbourhoods



ASC Localities

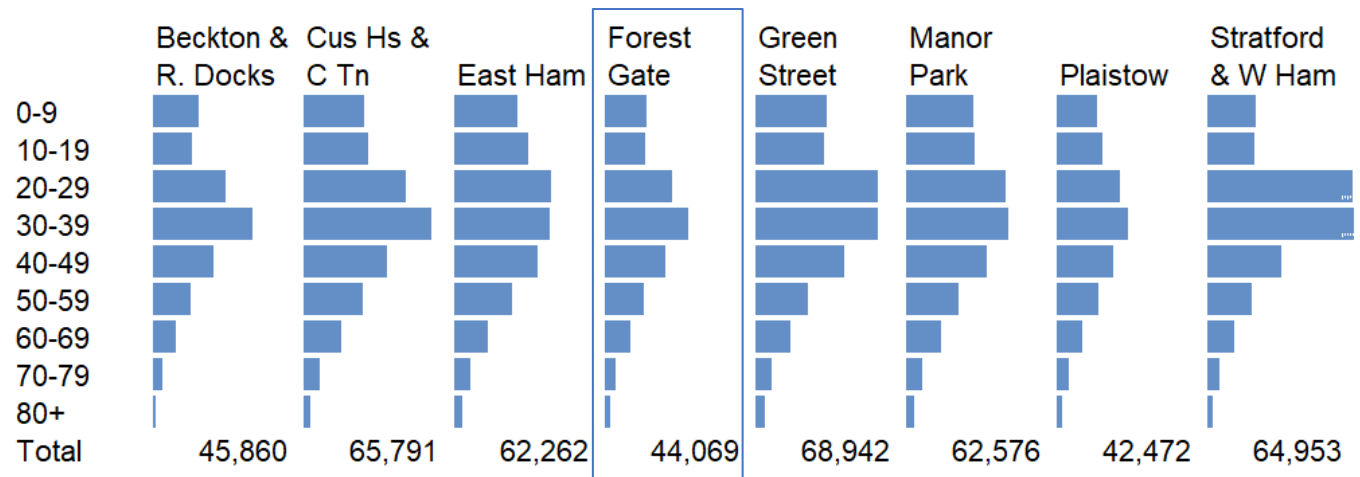


Forest Gate neighbourhood lies in the North West locality, along with Stratford and West Ham

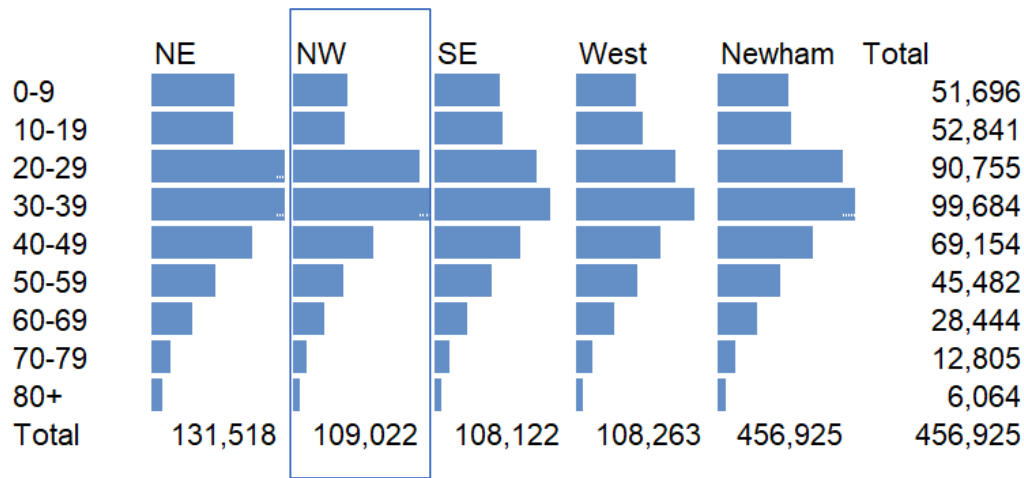
# Age structures



Neighbourhoods



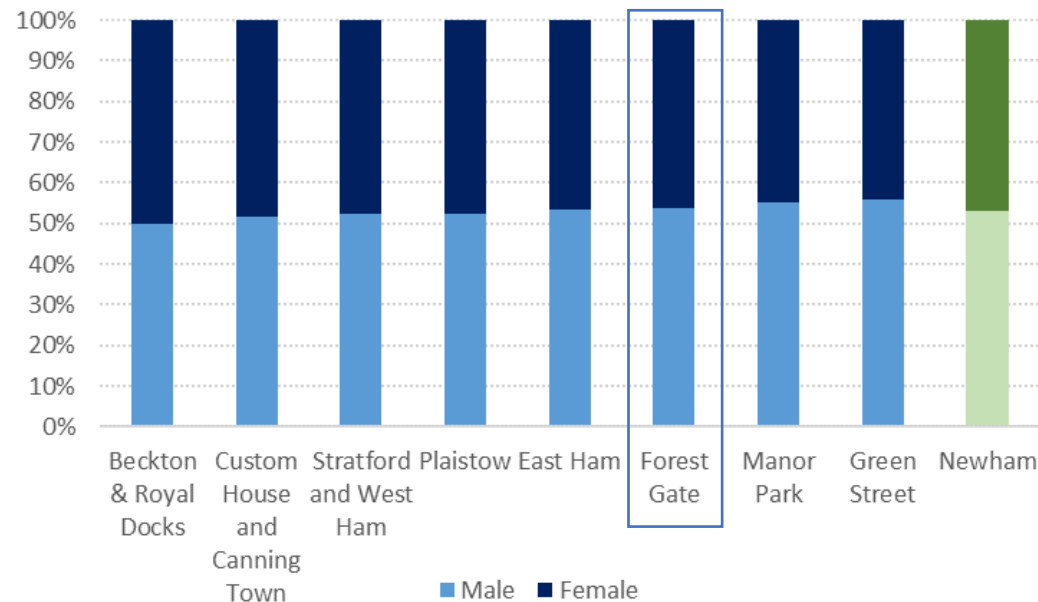
ASC Localities



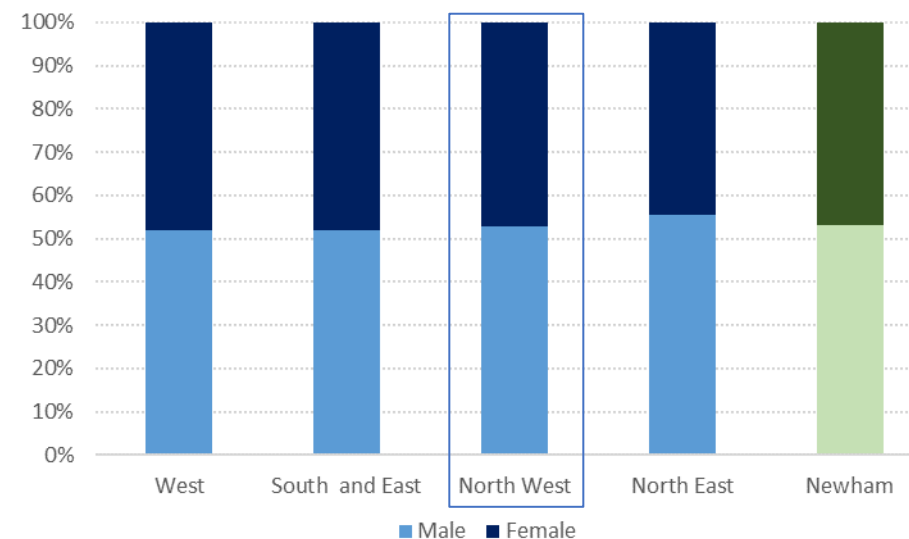
- ❖ A majority of the population are in the 20-39 age groups in each area
- ❖ The 20-39 age group make up 42% of the Newham population

# Gender balance

## Neighbourhoods



## ASC Localities

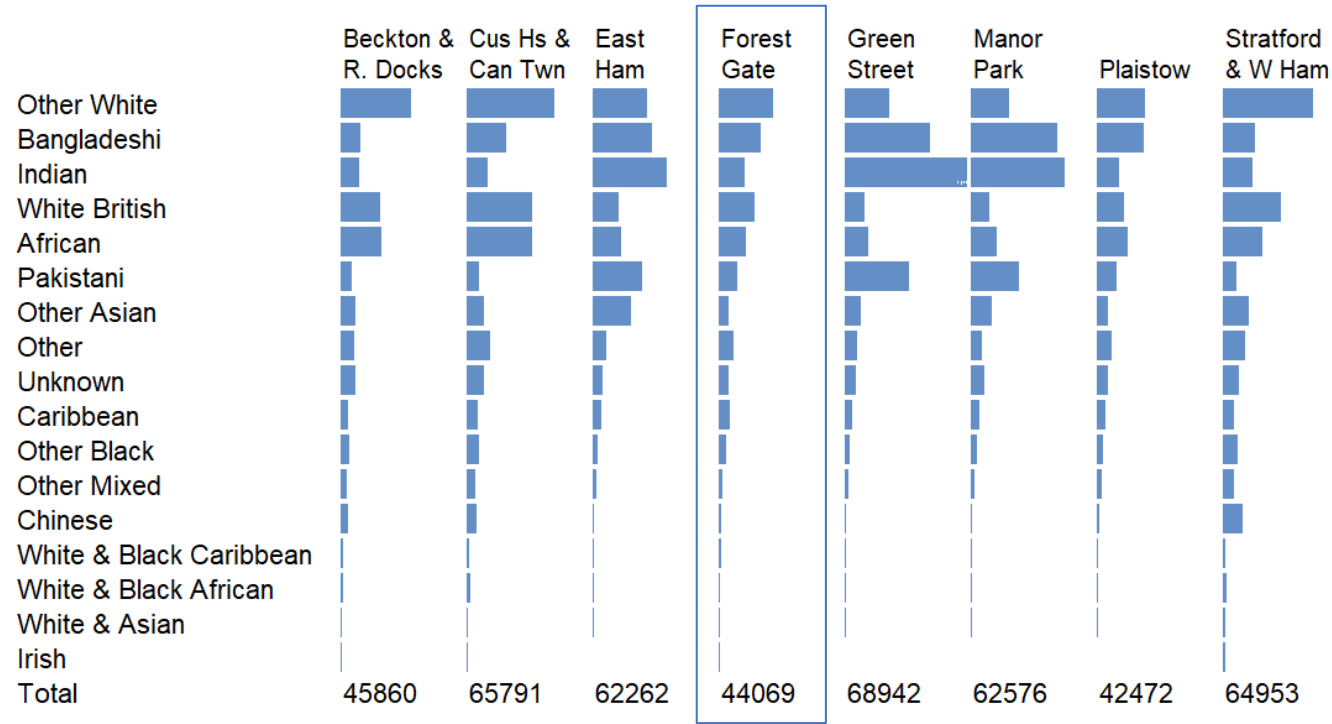


- ❖ The gender split across Newham as a whole is 53% males and 47% females
- ❖ There is slight variation in each of the neighbourhoods and localities (male range 50% - 56%, female range 44% - 50%)

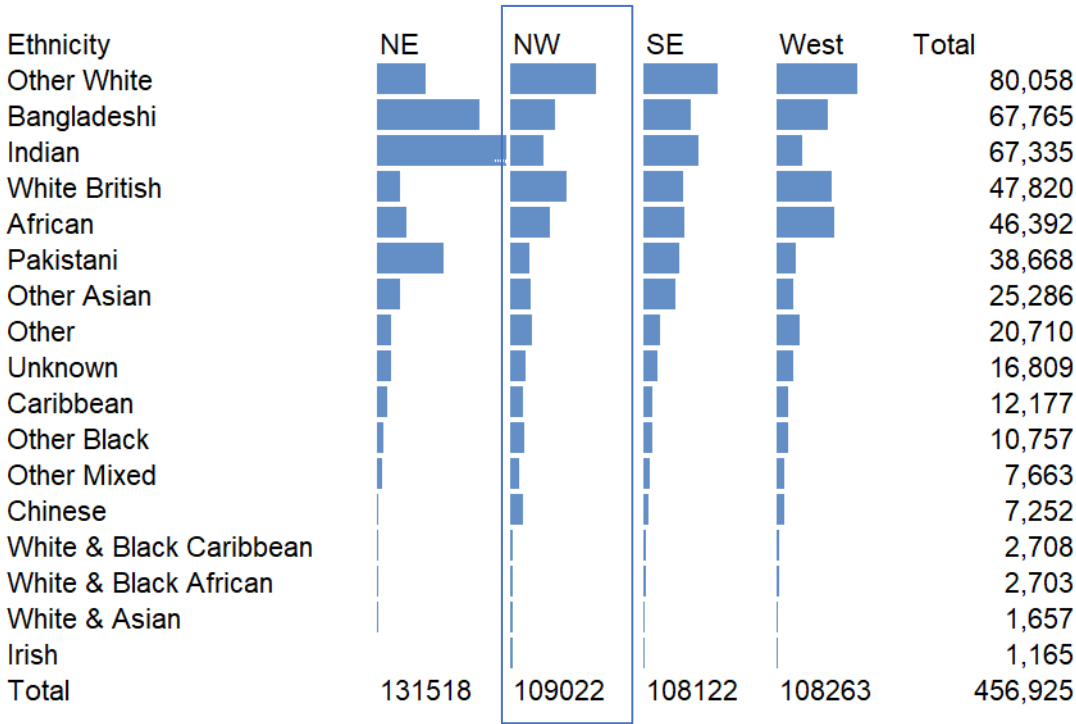
# Ethnicity



## Neighbourhoods



## ASC Localities

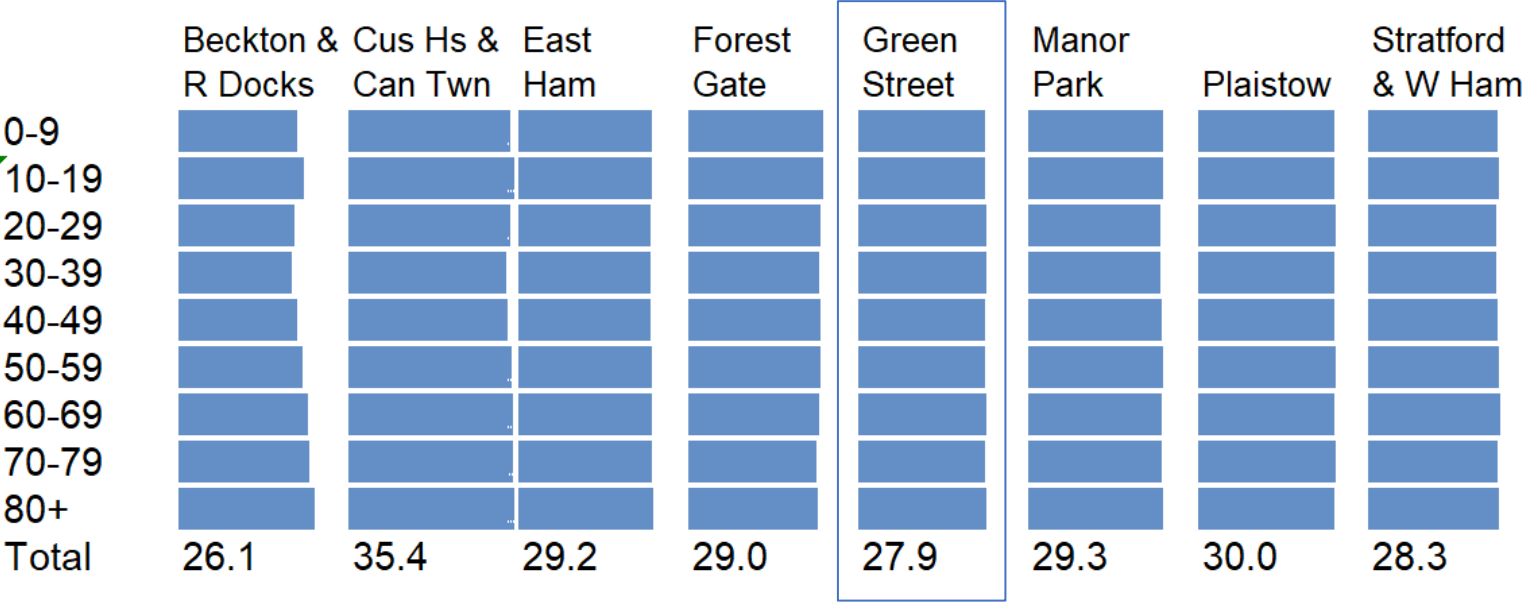


❖ Residents of White Other and Bangladeshi ethnicity make up the largest groups in Forest Gate

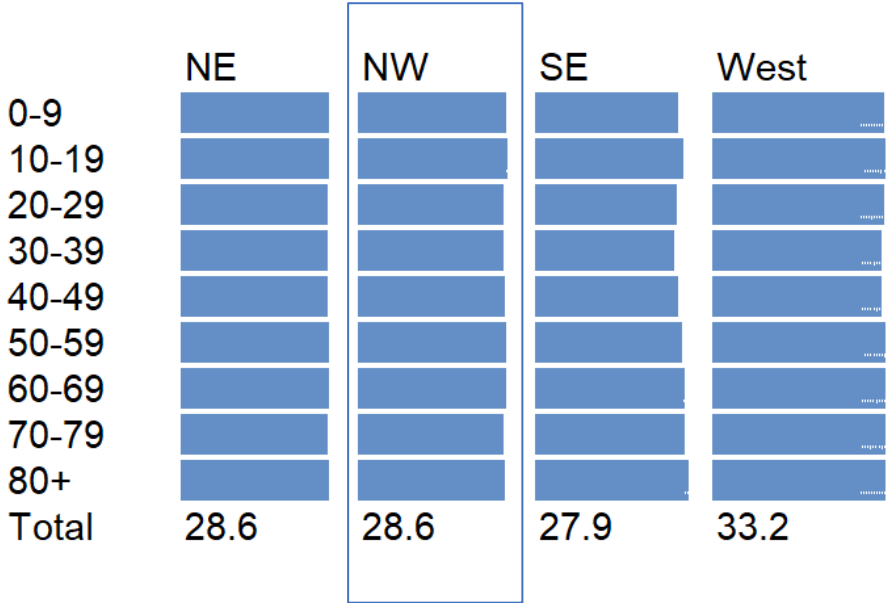
# Deprivation (average IMD score – higher score is more deprived)



## Neighbourhoods



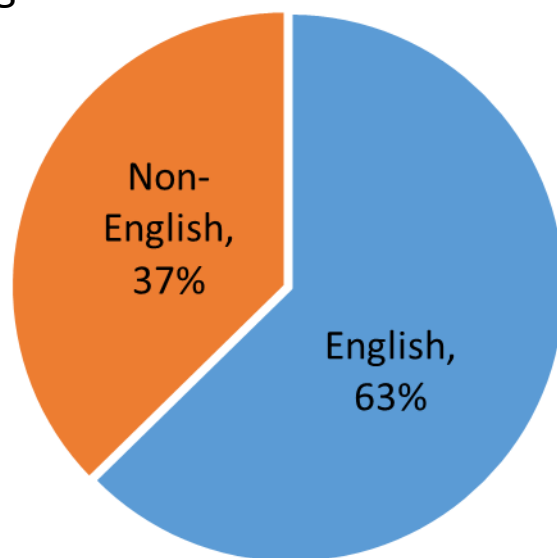
## ASC Localities



- ❖ Forest Gate has the 5<sup>th</sup> highest average IMD score across all 8 neighbourhoods at 29.0
- ❖ The average for Newham is 29.5 with the ranges from 35.4 – 26.1

# 2021 Census – Main Language

- Newham has the highest percent of residents who do not speak English as their main language across all English local authorities.
- Over 1 in 3 Newham residents do not speak English as their main language.



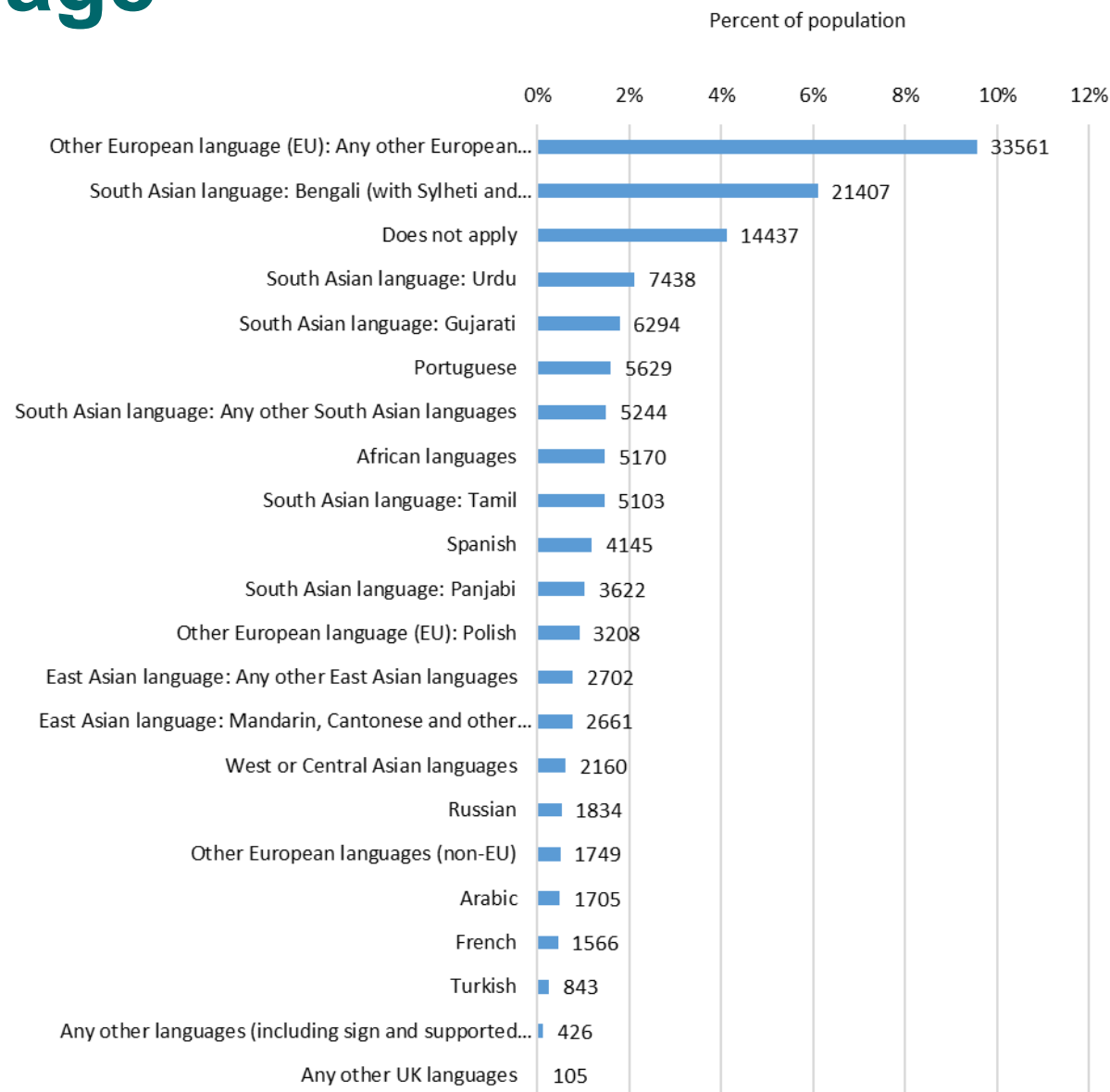
[newham.gov.uk](https://newham.gov.uk)

Source: 2021 census, ONS

These graphs are currently showing all Newham residents just as an example

Language breakdown in Newham (excluding English)

Number at end of bar refers to total numbers



# Summary

|             |                        | Neighbourhoods                      | ASC Localities      |
|-------------|------------------------|-------------------------------------|---------------------|
| Population  | Smallest               | Plaistow: 42,500                    | South East: 108,100 |
|             | Largest                | Green Street: 69,000                | North East: 131,000 |
| Sex         | Female                 | Range 44% - 50%                     | 44% - 48%           |
| Deprivation | Least                  | Beckton & Royal Docks: 26.1         | North East: 28.6    |
|             | Most                   | Custom House and Canning Town: 35.4 | West: 33.2          |
| Ethnicity   | Largest group (Indian) | Green Street: 20,100                | North East: 35,600  |

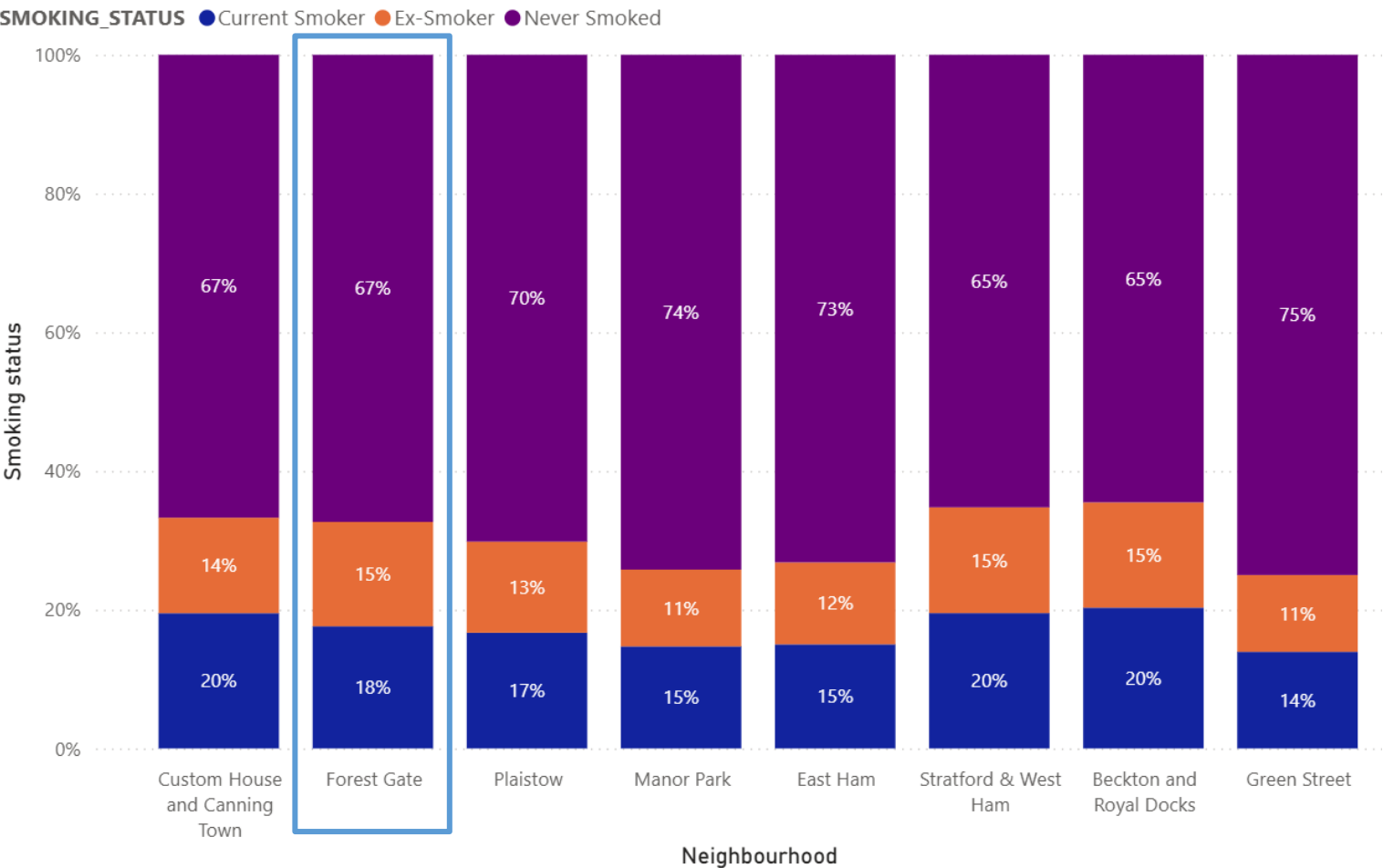
❖ The most variation between areas is in the proportion of ethnic groups.

❖ Age, sex and deprivation show little variation.

# Health Behaviours

# Health Behaviours - Smoking

Smoking status of Newham residents by smoking status and neighbourhood

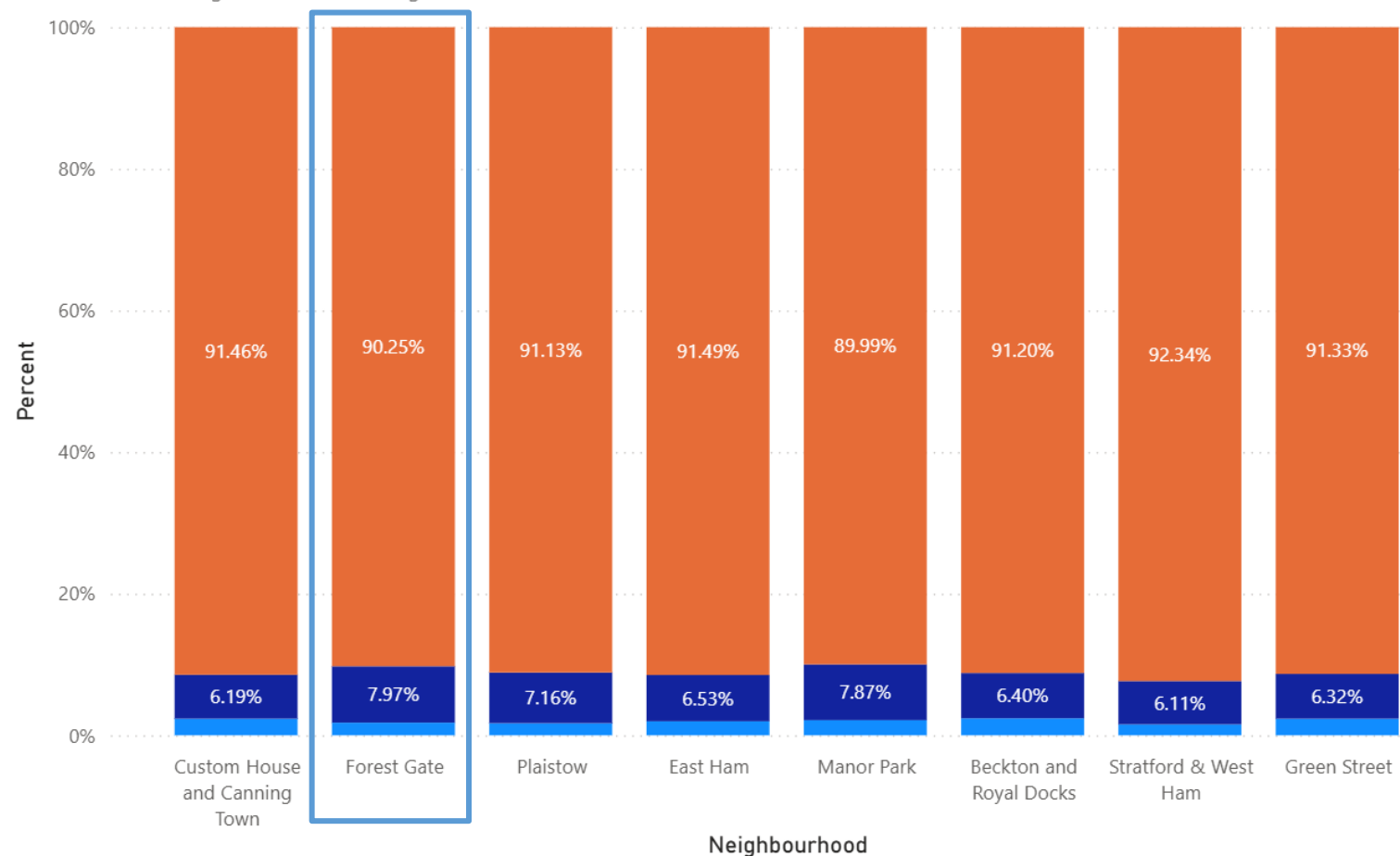


- ❖ Approximately 2 in 3 Forest Gate residents have never smoked
- ❖ The neighbourhood has a relatively high share of current smokers at 18%.

# Health Behaviours – Alcohol

Drinking status among those recorded to drink at least one unit of alcohol per week

Alcohol status ● Higher risk ● Increasing risk ● Low-risk

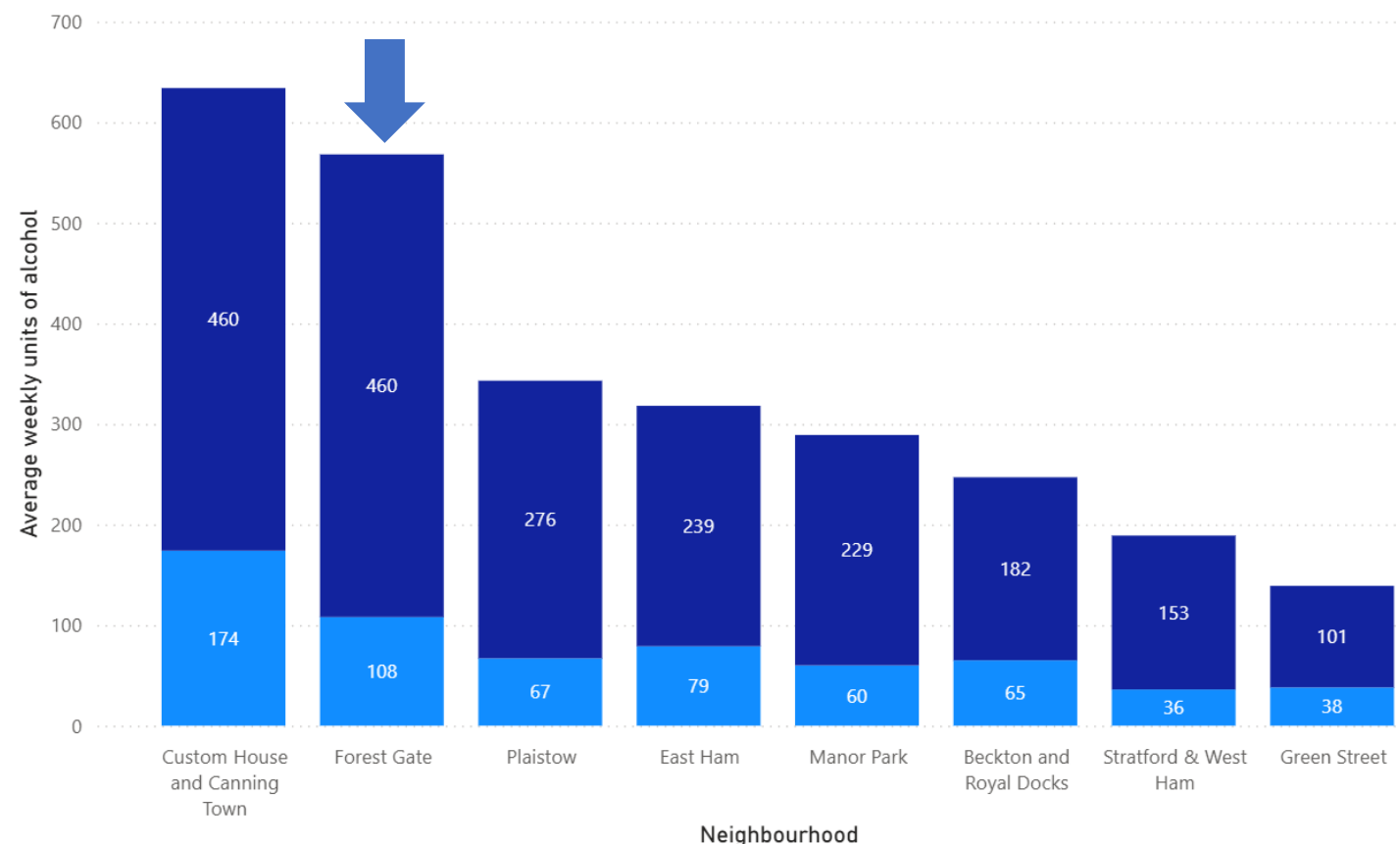


- ❖ Among people who drink alcohol in the neighbourhood, 9.7% are considered 'increasing' or 'higher' risk drinkers (drinking more than 15 units per week).

# Health Behaviours – Alcohol

Number of increasing risk (15-35 units p/week) and higher risk (>35 units p/week) residents by neighbourhood

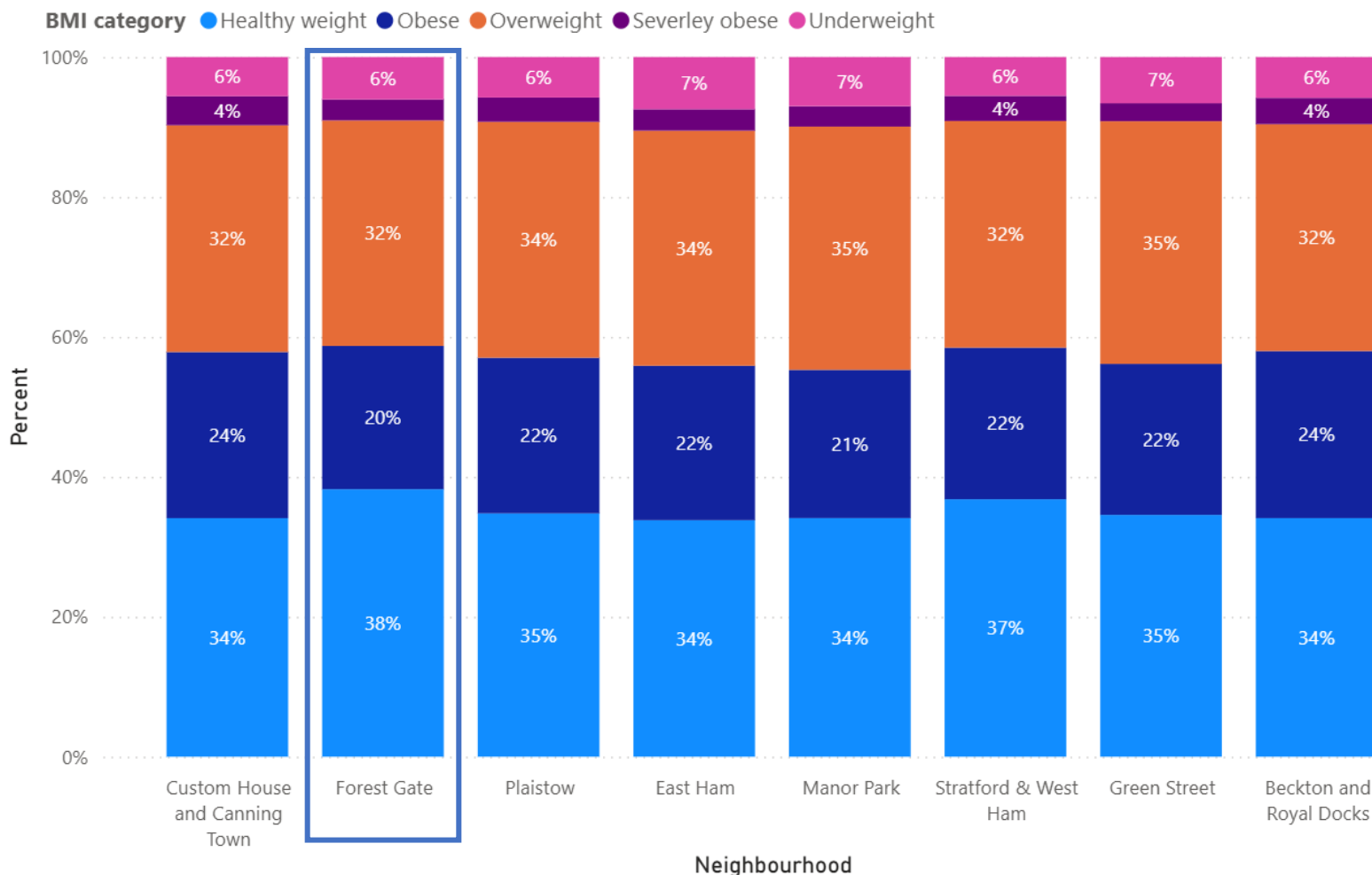
Alcohol status ● Higher risk ● Increasing risk



- ❖ There are 460 people in Forest Gate considered to be at 'increasing' risk of harm due to alcohol (>15 units per week).
- ❖ There are an additional 108 people considered 'higher' risk (>35 units per week)

# Health Behaviours - Obesity

## BMI category of Newham residents by neighbourhood

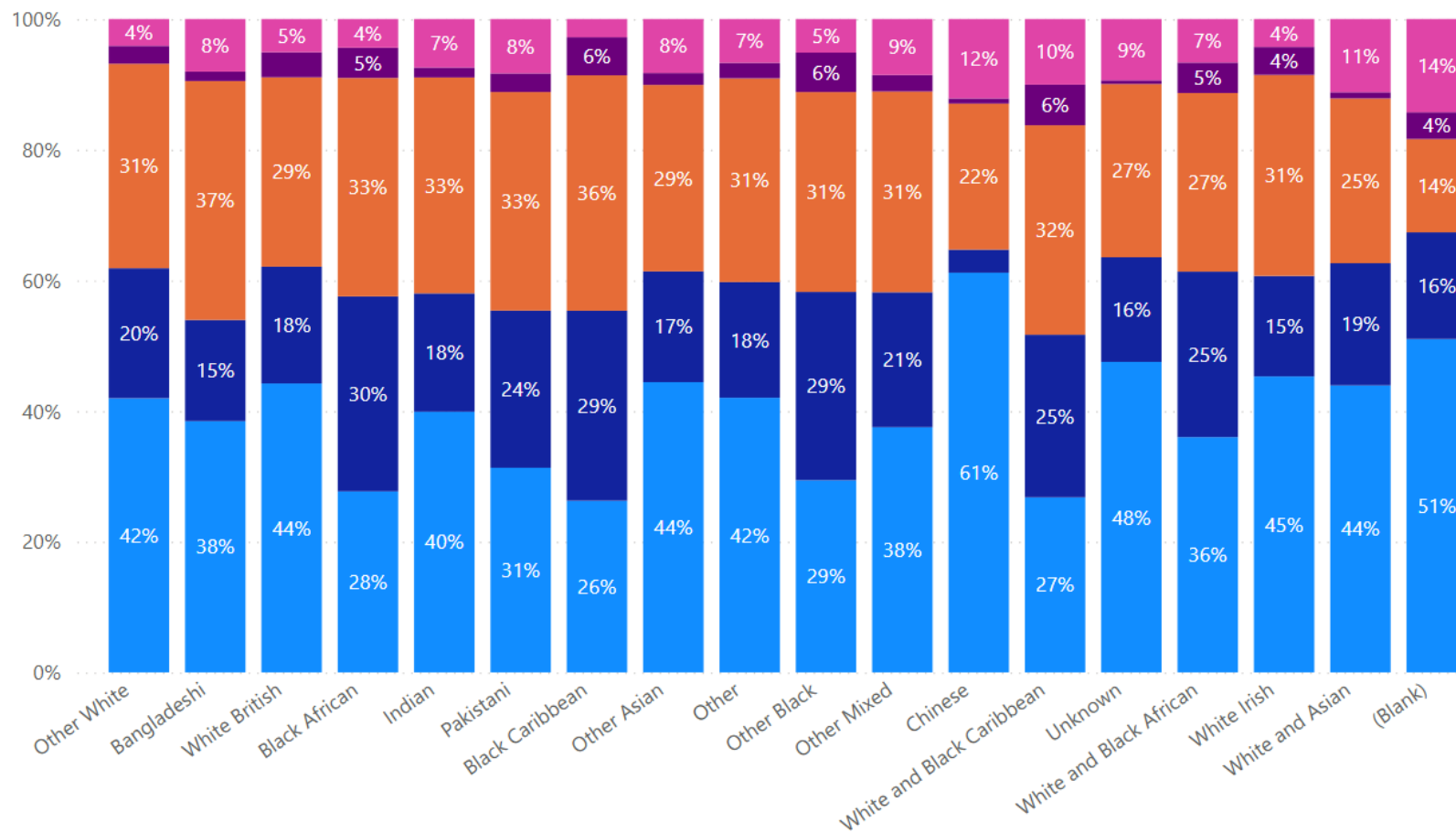


❖ Approximately 6 in 10 Forest Gate residents are considered overweight or obese.

# Health Behaviours - Obesity

BMI category of Forest Gate residents by ethnic group

**BMI category** ● Healthy weight ● Obese ● Overweight ● Severley obese ● Underweight

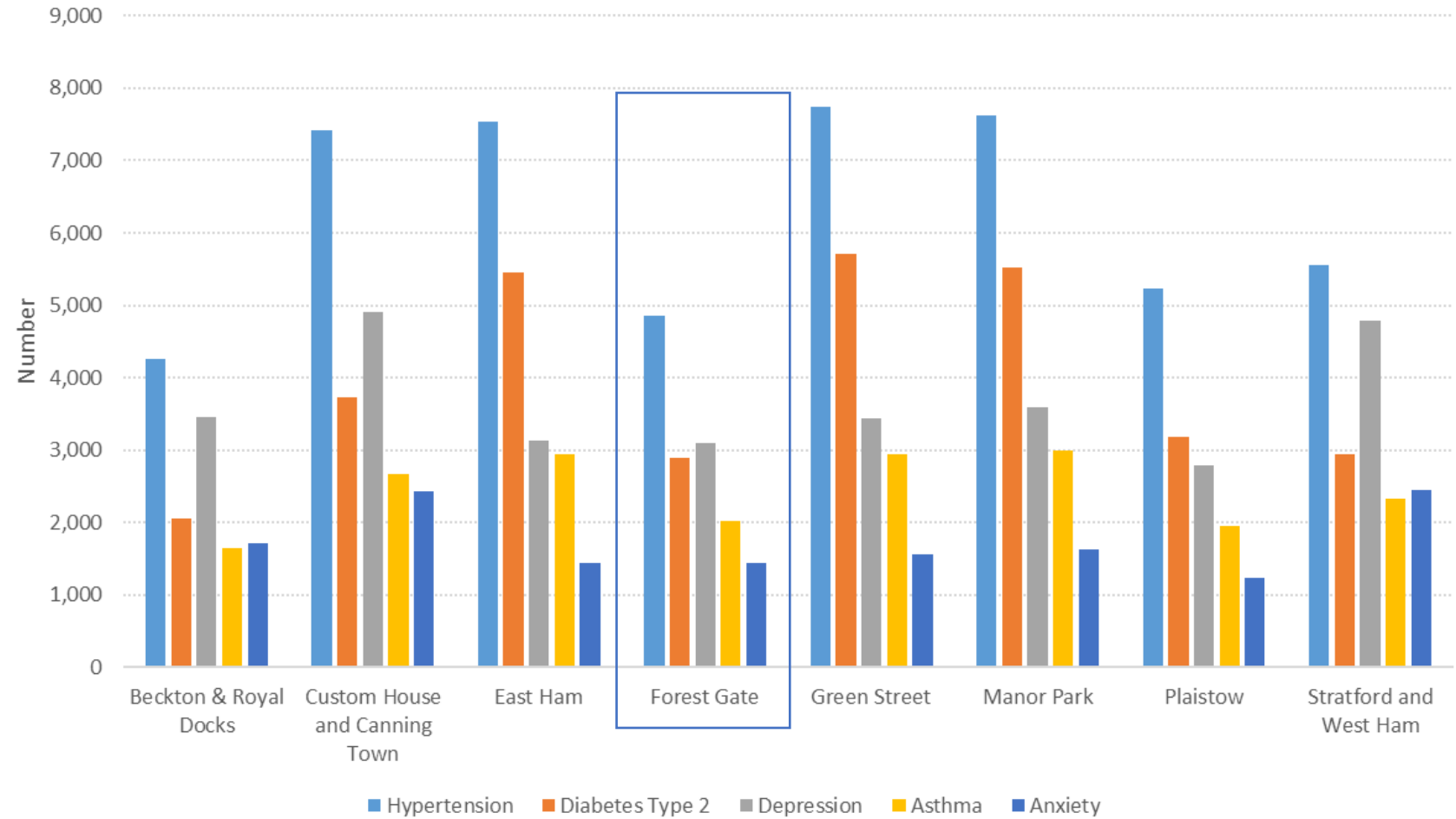


❖ Those of Black and Pakistani ethnic origin are more likely to be overweight or obese.

# Long Term Conditions

# Top 5 Long Term Conditions

Top 5 long term conditions by neighbourhood - 2024 snapshot prevalence

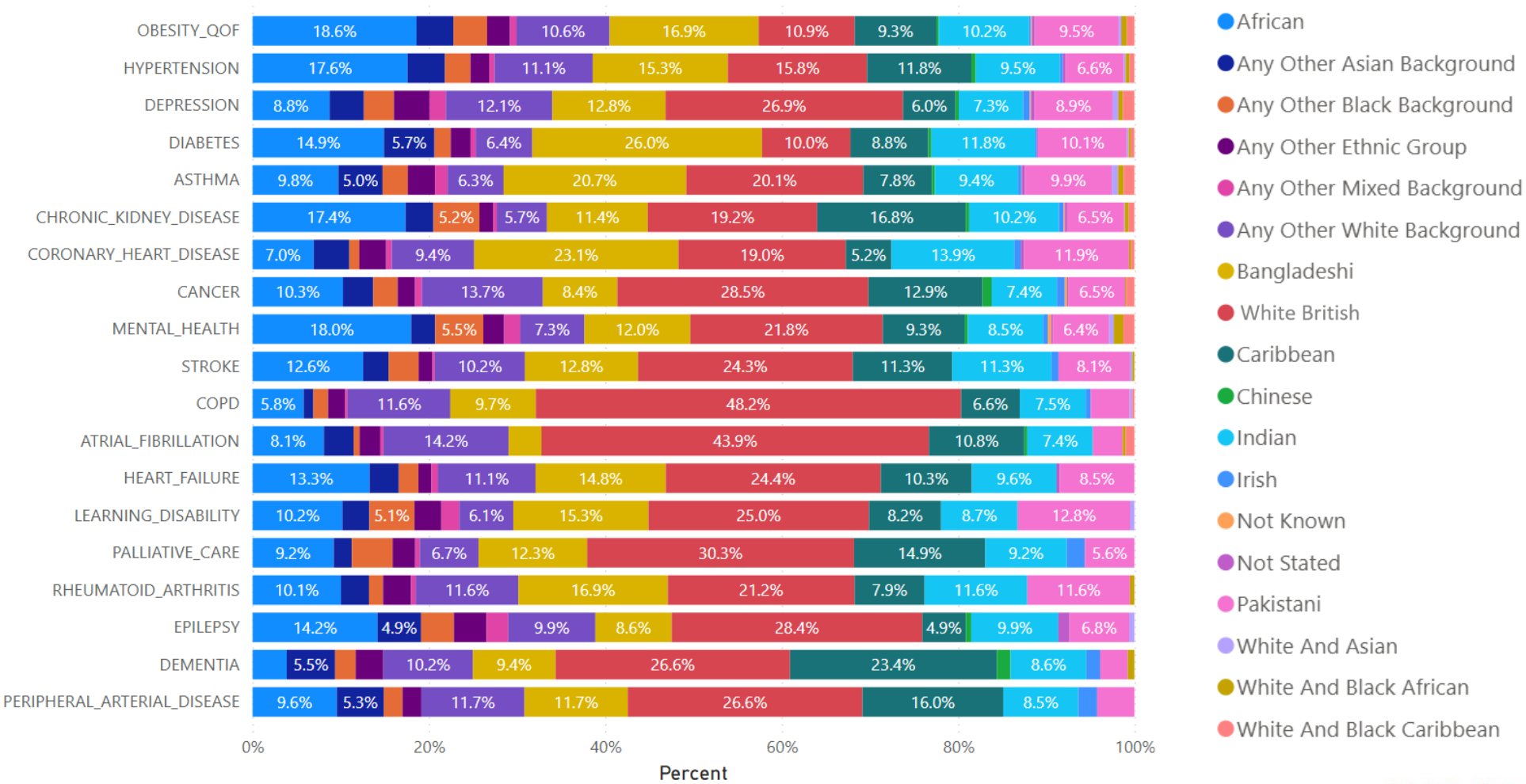


- Forest Gate has a relatively low prevalence of Hypertension and Type 2 Diabetes compared to other Newham neighbourhoods.

# LTCs ethnic breakdown



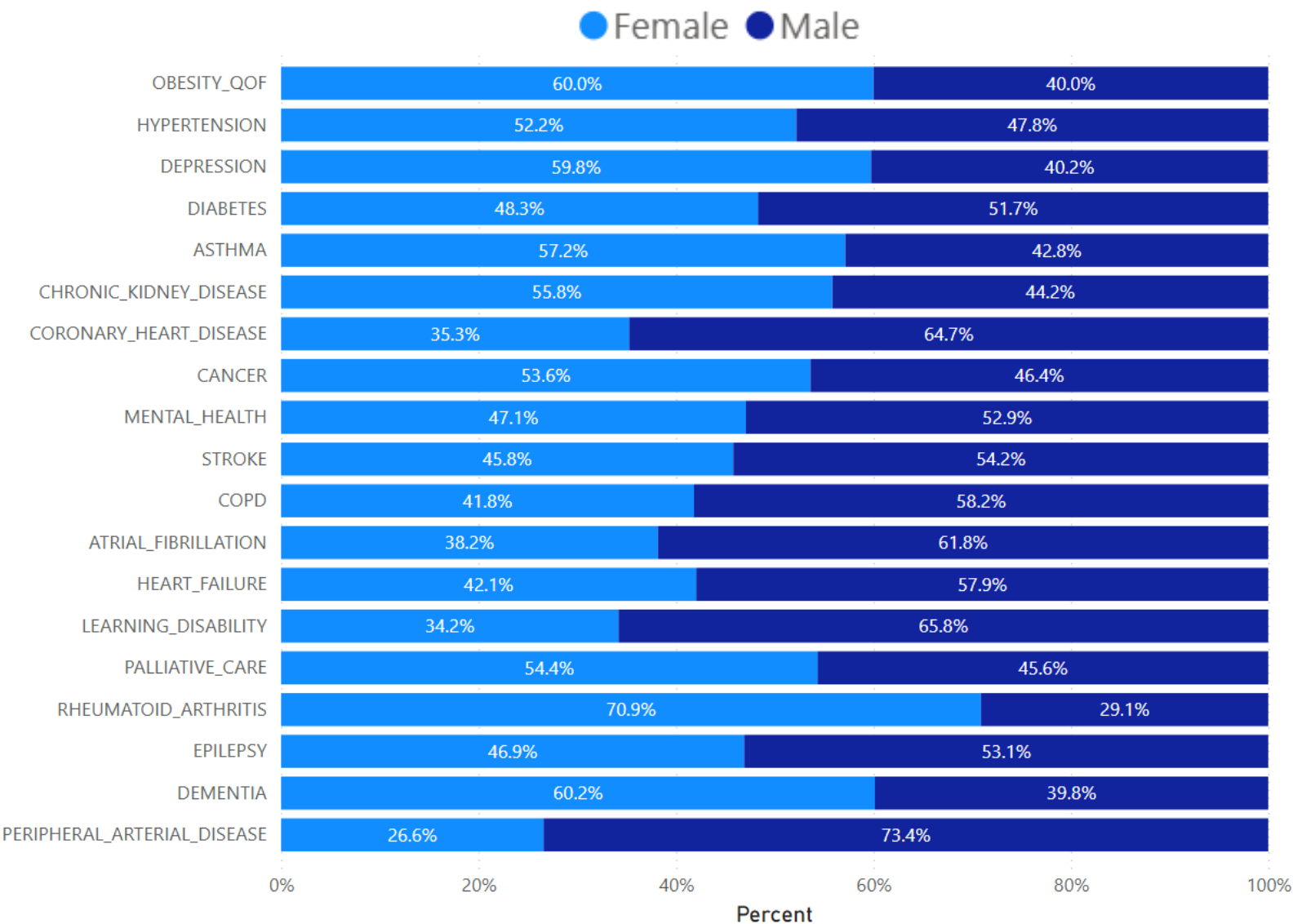
Ethnic breakdown of LTCs in Forest Gate residents



# LTCs gender breakdown



Gender breakdown of LTCs in Forest Gate residents



# Primary Care

# GP Practices by Neighbourhood and Locality

| Locality       | Neighbourhood                 | Practice Name                                                                    |
|----------------|-------------------------------|----------------------------------------------------------------------------------|
| North East     | Green Street                  | Boleyn Medical Centre - Dr Khan                                                  |
|                |                               | Dr C M Patel's Surgery                                                           |
|                |                               | East End Medical Centre                                                          |
|                |                               | Lucas Avenue practice                                                            |
|                |                               | Newham Medical Centre                                                            |
|                |                               | Plasht Medical Centre                                                            |
|                |                               | The Azad Practice (The Boleyn Centre)                                            |
|                |                               | Upton Lane Medical Centre                                                        |
|                |                               | Westbury Road Medical Practice                                                   |
|                | Manor Park                    | Birchdale Road Medical Centre                                                    |
|                |                               | E12 Health Centre                                                                |
|                |                               | E12 Medical Centre (Dr Kugapala's Practice)                                      |
|                |                               | Newham Transitional Practice                                                     |
|                |                               | Plasht Harmony Practice (Formerly Dr Krishnamurthy's Surgery)                    |
|                |                               | Sangam Surgery                                                                   |
|                |                               | Shrewsbury Road Surgery                                                          |
|                |                               | The Manor Park Practice - (Formerly Dr N Bhadra's Surgery)                       |
|                |                               | Wordsworth Health Centre                                                         |
| North West     | Forest Gate                   | Claremont Clinic                                                                 |
|                |                               | E7 Health - (Former Leytonstone Road Medical Centre )                            |
|                |                               | Lord Lister Health Centre - The Forest Practice                                  |
|                |                               | Woodgrange Medical Practice                                                      |
|                | Stratford and West Ham        | Abbey Road Medical Practice                                                      |
|                |                               | Carpenters Practice (was Lantern Health)                                         |
|                |                               | Liberty Bridge Road Practice                                                     |
|                |                               | Newham Vicarage Practice                                                         |
|                |                               | Stratford Health Centre - Dr. Anil Shah                                          |
|                |                               | Stratford Village Surgery                                                        |
|                |                               | The Vicarage Lane Surgery-(Former Dr Knight Practice)                            |
| South and East | Beckton & Royal Docks         | E16 Health Albert Road                                                           |
|                |                               | Royal Docks Medical Practice                                                     |
|                |                               | Tollgate Medical Centre                                                          |
|                | East Ham                      | Lathom Road Medical Centre (Dr N R Patel, Dr Reena Patel & Dr Ravinder Khajuria) |
|                |                               | Market Street Health Group                                                       |
| West           | Custom House and Canning Town | St Lukes Medical Centre-The Ruiz Medical Practice                                |
|                |                               | Custom House Teaching & Training Medical Practice                                |
|                |                               | Star Lane Medical Centre                                                         |
|                | Plaistow                      | Balaam Street Practice                                                           |
|                |                               | Essex Lodge                                                                      |
|                |                               | Glen Road Medical Centre                                                         |
|                |                               | Greengate Medical Centre                                                         |
|                |                               | The Project Surgery                                                              |

} GP practices in Forest Gate

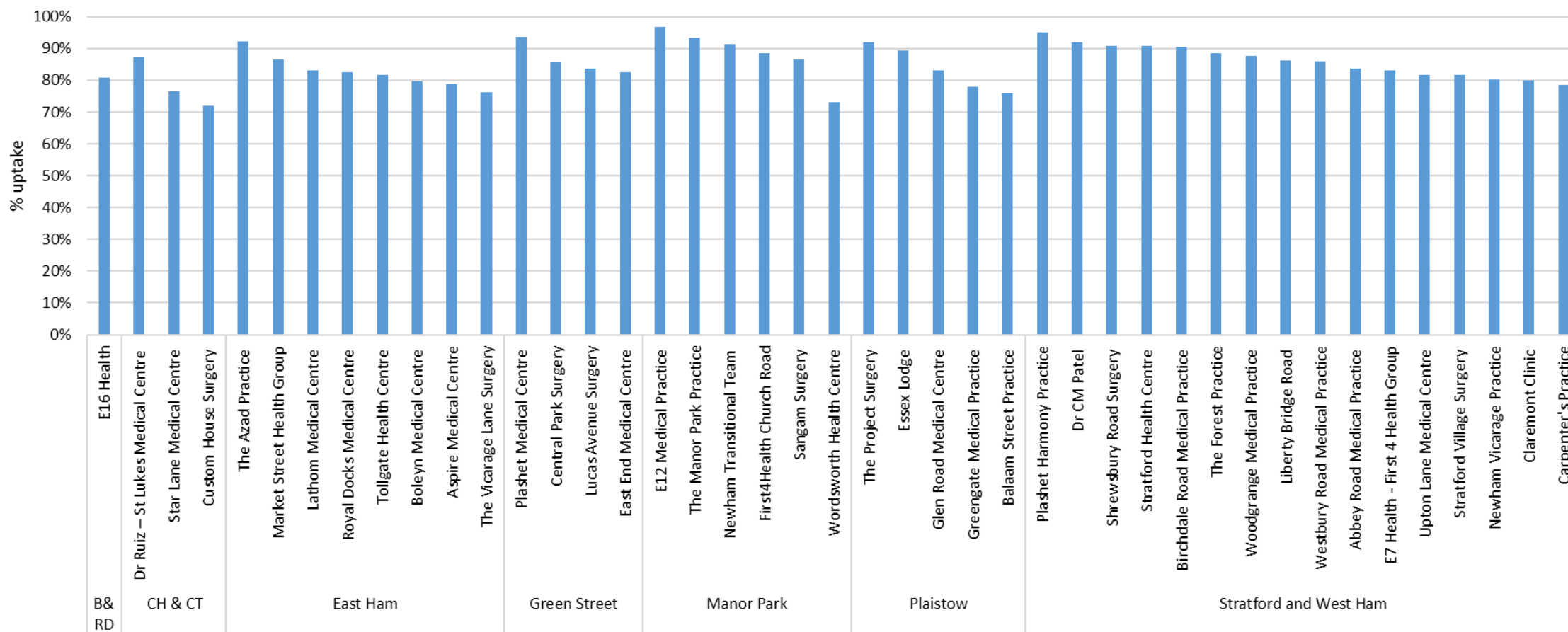
# MMR uptake (24 months) by neighbourhood, 2024

| Neighbourhood               | 24m list* | MMR vaccines | MMR uptake |
|-----------------------------|-----------|--------------|------------|
| Beckton & Royal Docks       | 322       | 260          | 81%        |
| Custom House & Canning Town | 372       | 287          | 77%        |
| East Ham                    | 986       | 811          | 82%        |
| Green Street                | 526       | 451          | 86%        |
| Manor Park                  | 611       | 528          | 86%        |
| Plaistow                    | 580       | 488          | 84%        |
| Stratford & West Ham        | 1904      | 1612         | 85%        |

\*Eligible population among those turning 24 months old in that period

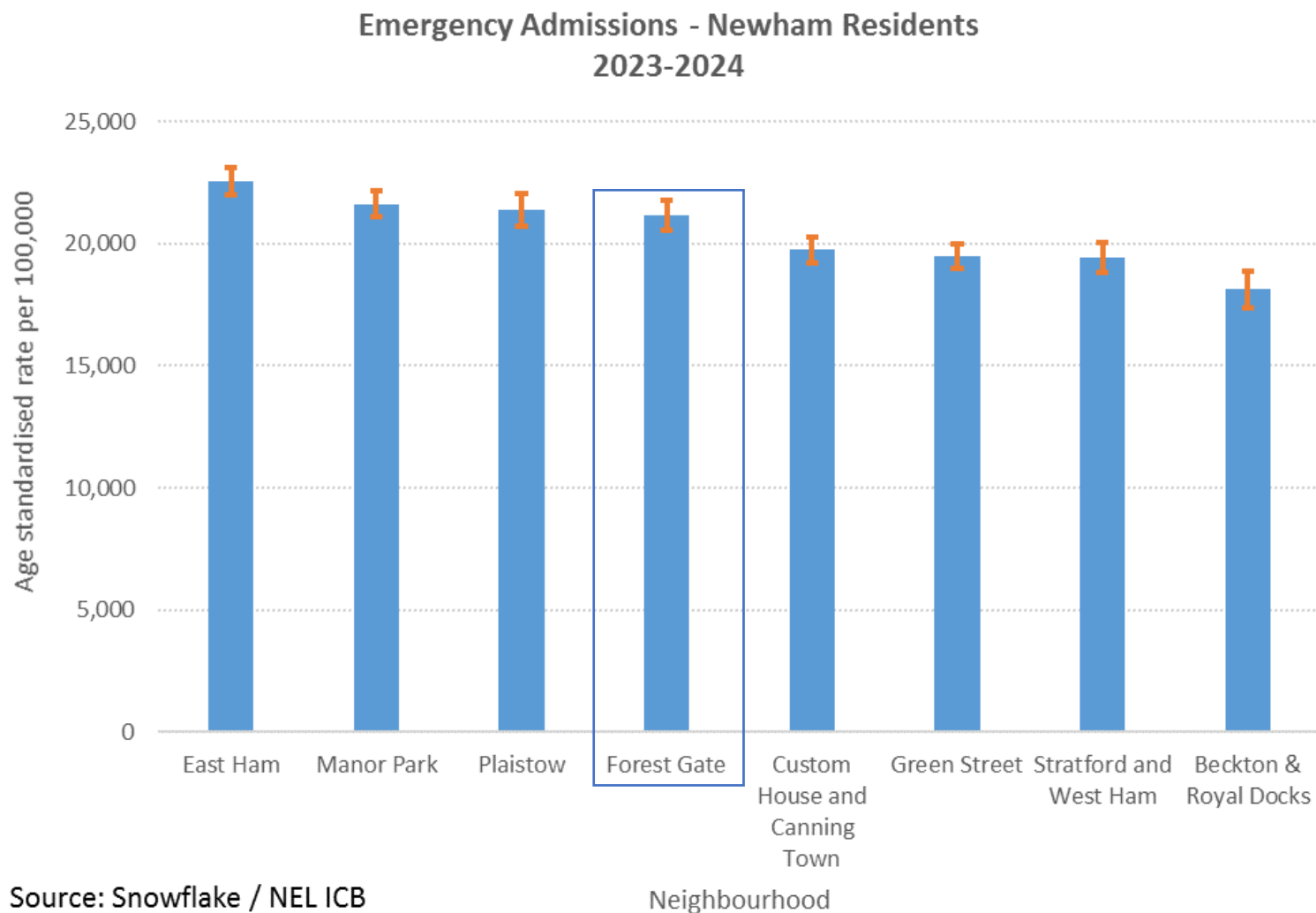
# MMR uptake variation by GP practice in neighbourhoods

MMR uptake by GP practice and neighbourhood in Newham among those turning 24m old, 2024



# Emergency Hospital Admissions

# Emergency hospital admissions by neighbourhood

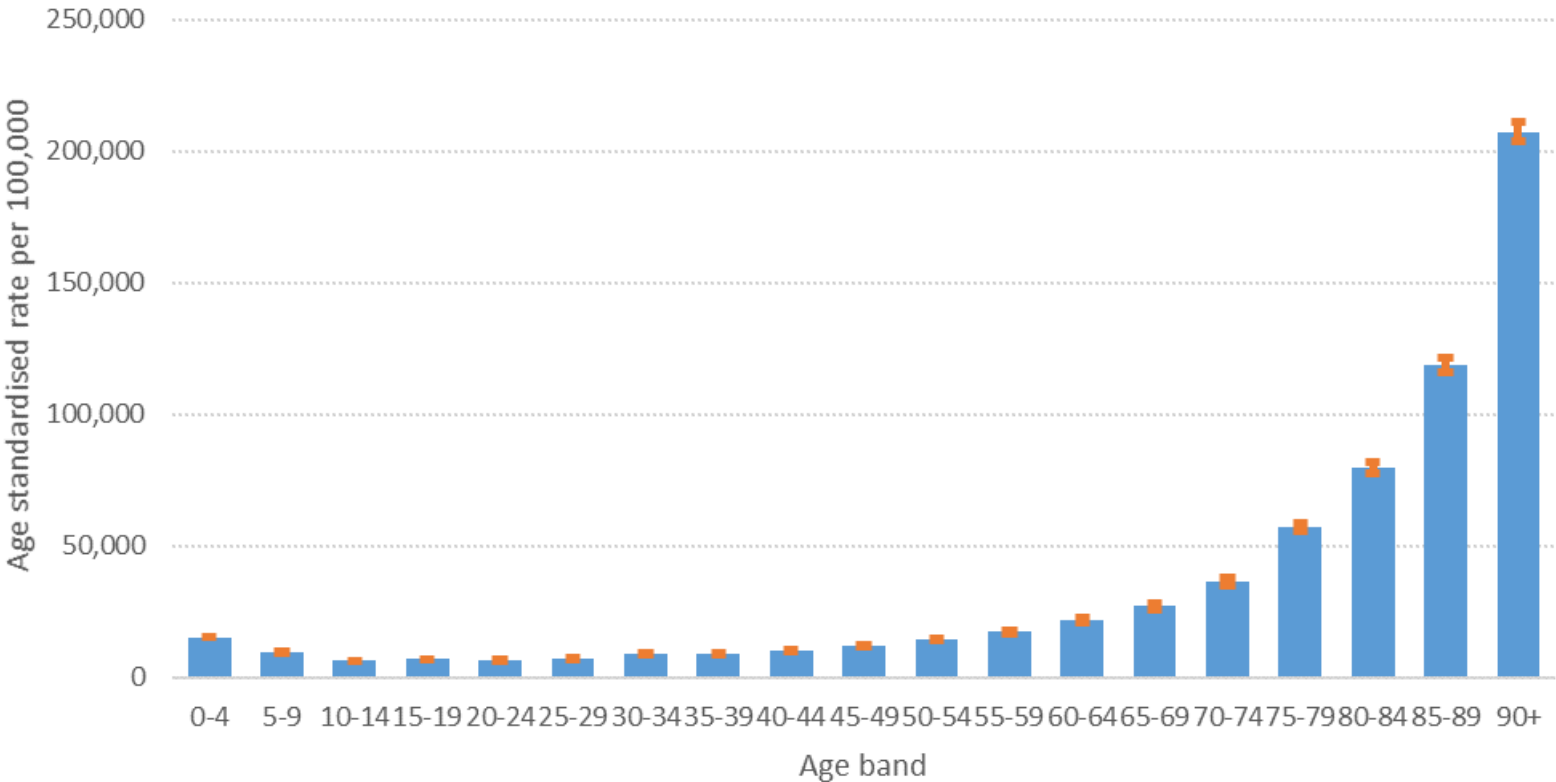


Source: Snowflake / NEL ICB

# Emergency hospital admissions by age band



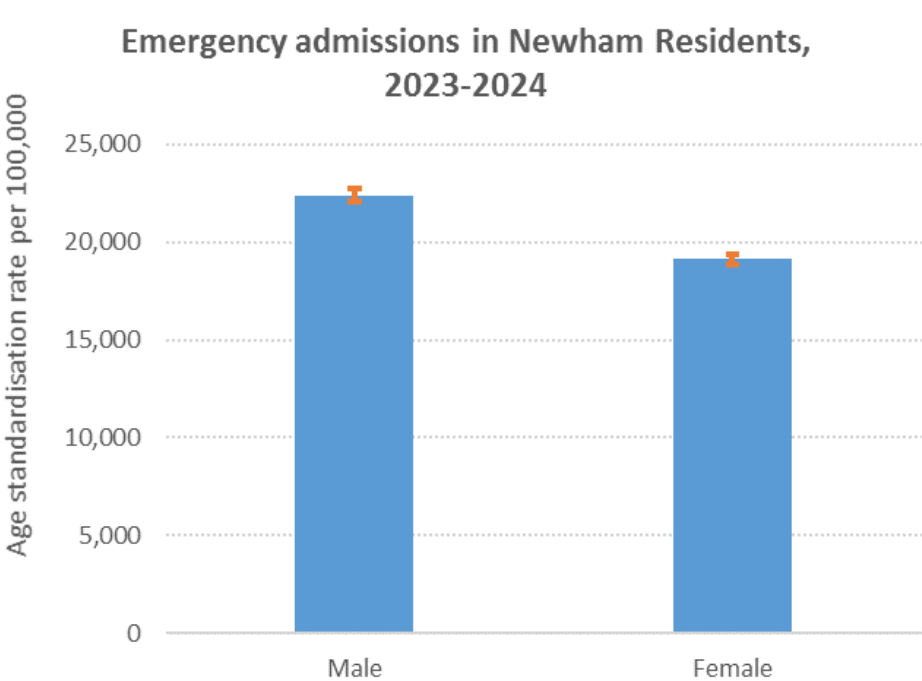
Emergency admissions in Newham residents, 2023-2024



This graph is currently showing all Newham residents just as an example

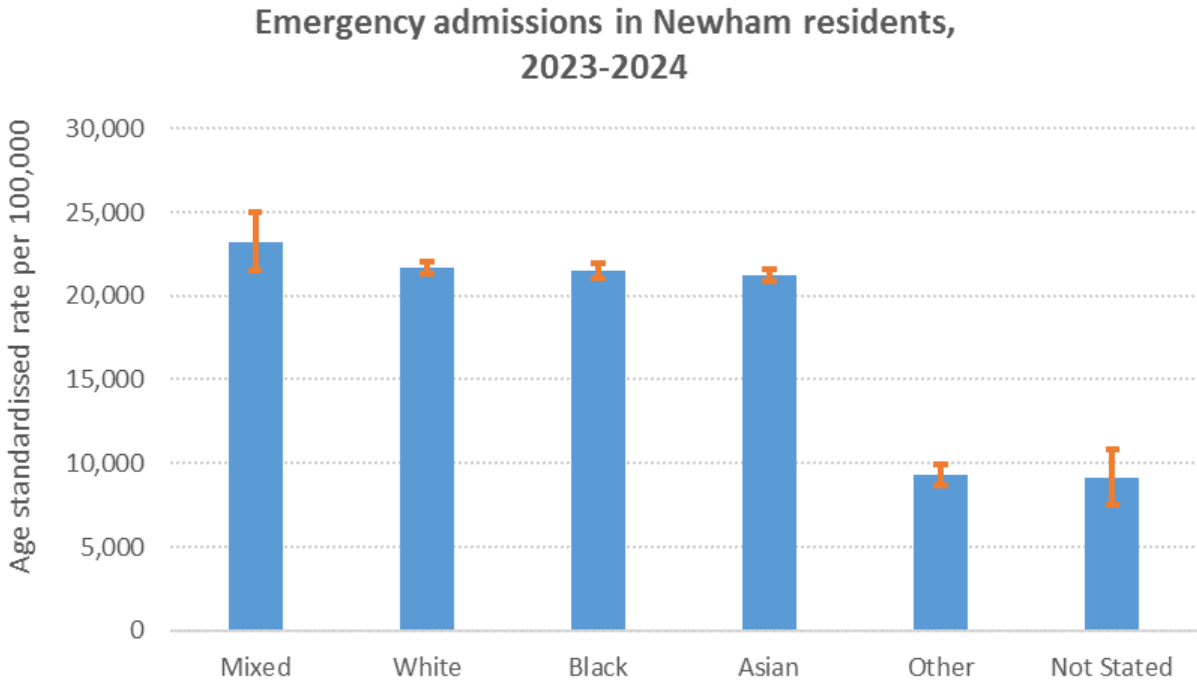
Source: Snowflake / NEL ICB

# Emergency hospital admissions by gender and ethnicity



Source: Snowflake / NEL ICB

Gender

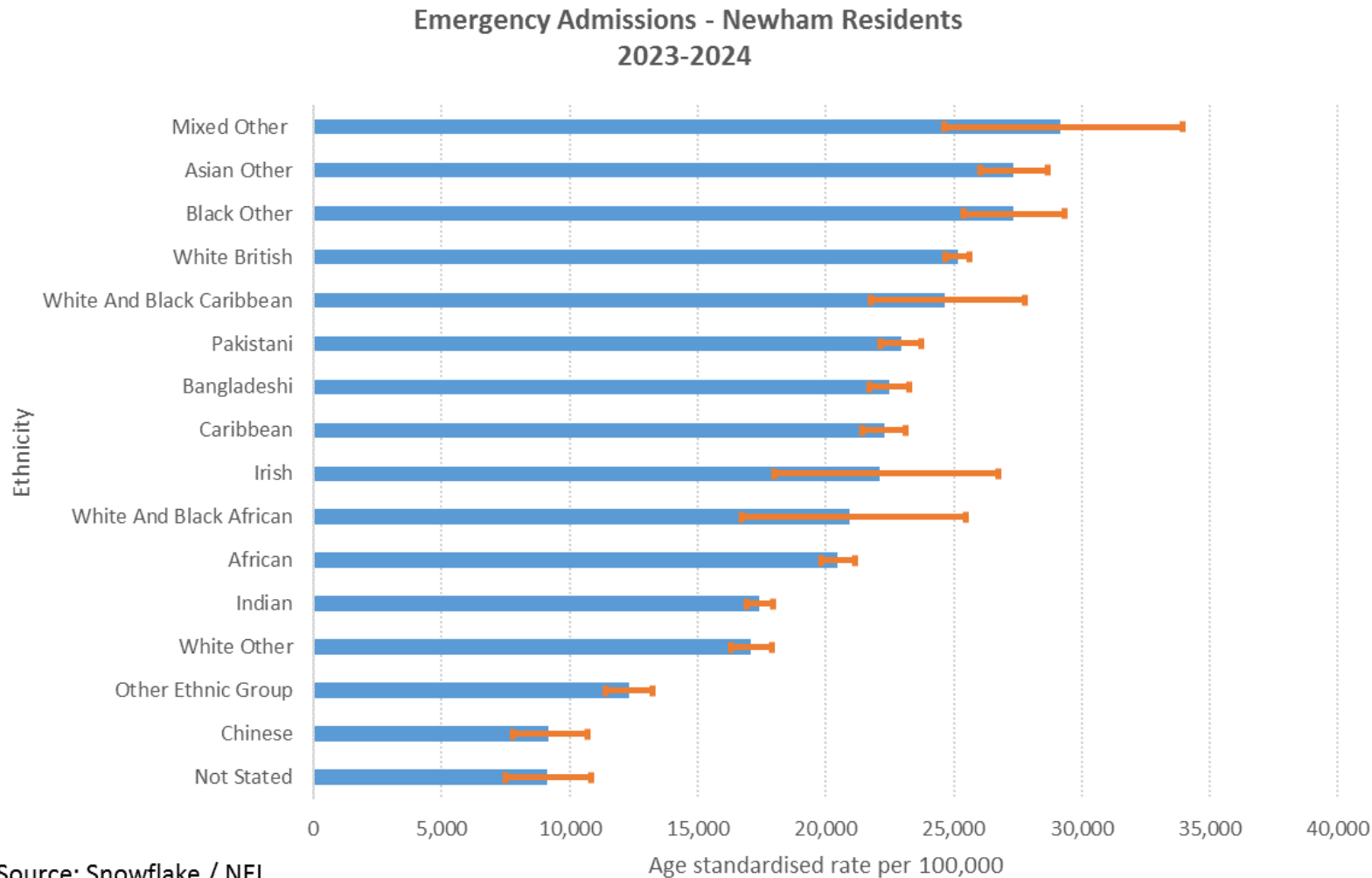


Source: Snowflake / NEL ICB

Broad Ethnicity

These graphs are currently showing all Newham residents just as an example

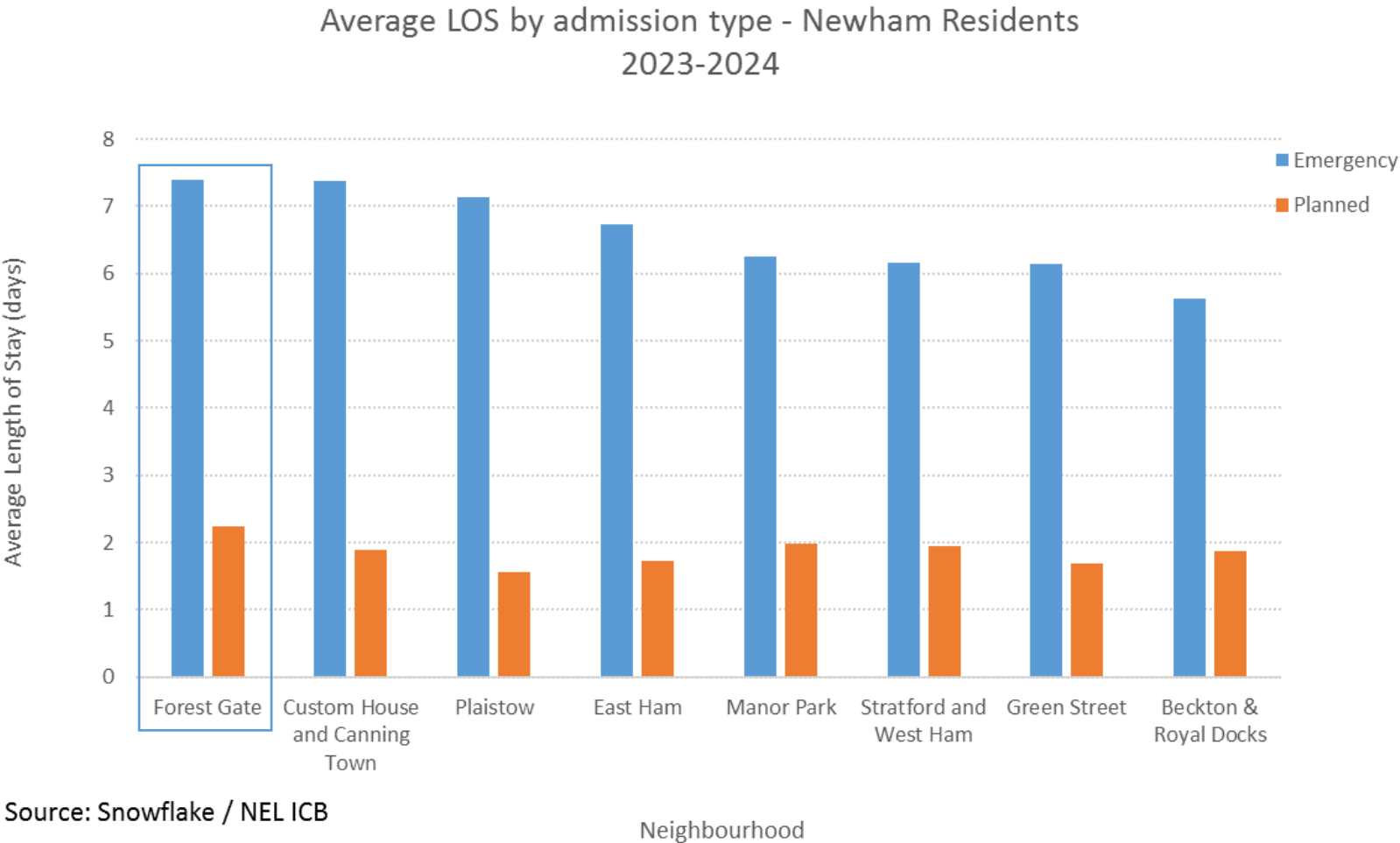
# Emergency hospital admissions by detailed ethnicity



This graph is currently showing all Newham residents just as an example

# Hospital admissions – average length of stay

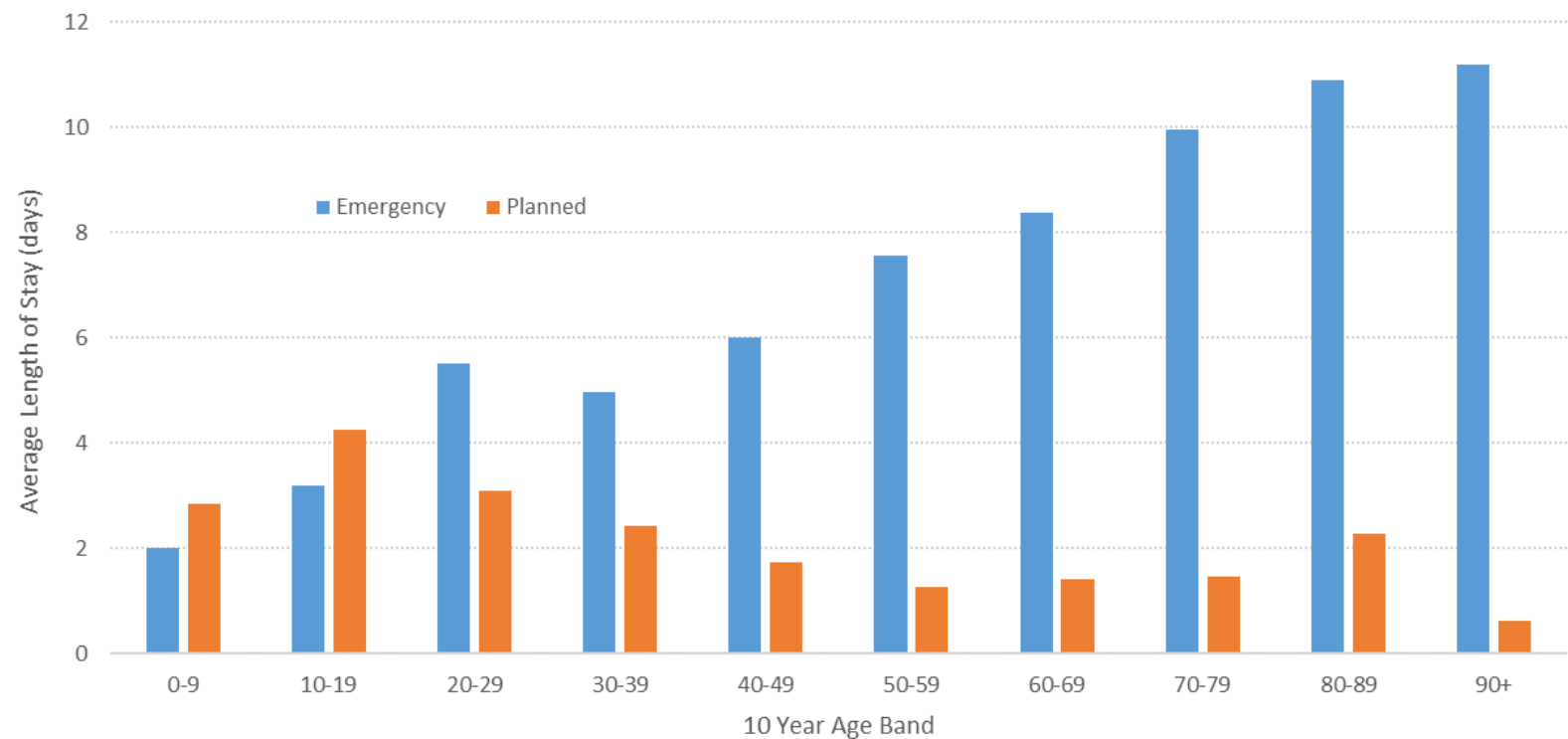
# Average length of stay by admission type and neighbourhood



# Average length of stay by admission type and age band



Average LOS by admission type - Newham Residents  
2023-2024



This graph is currently showing all Newham residents just as an example

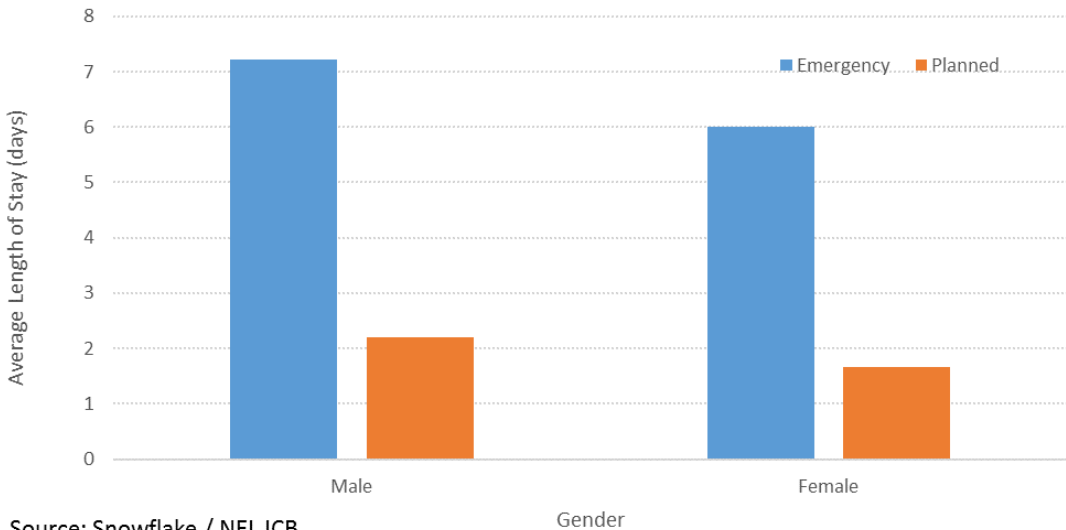
Source: Snowflake / NEL ICB

# Average length of stay by admission type, gender and ethnicity



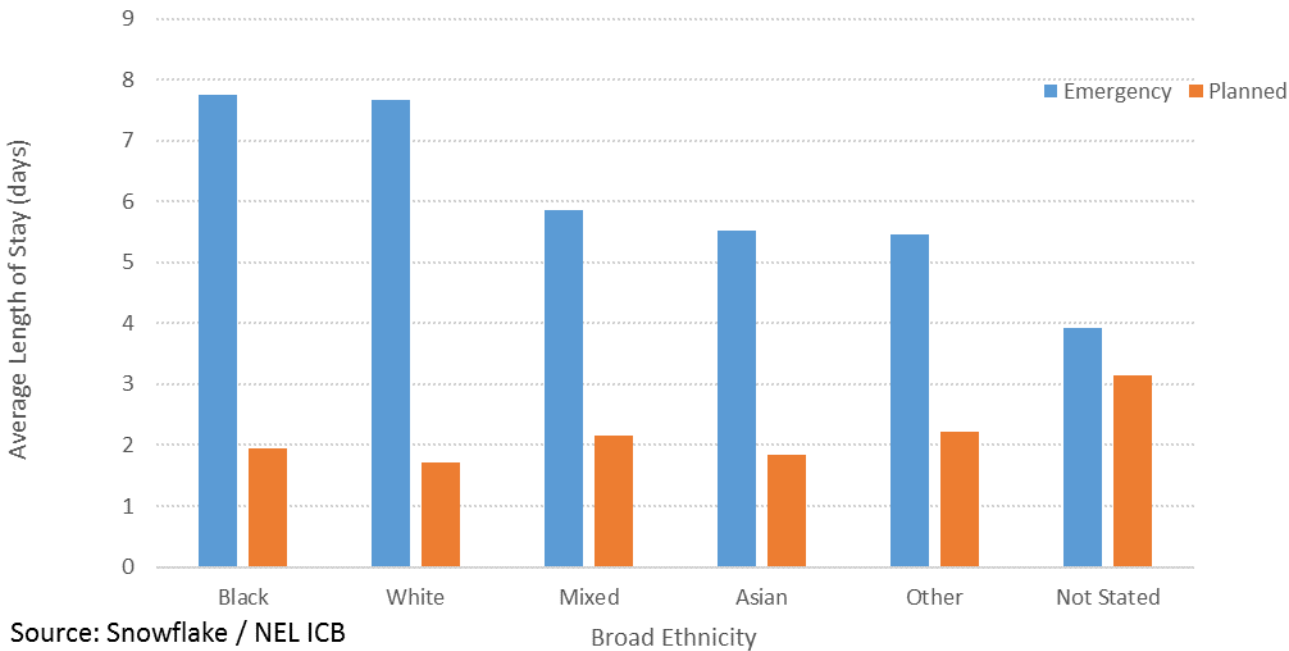
These graphs are currently showing all Newham residents just as an example

Average LOS by admission type, Newham Residents 2023-2024



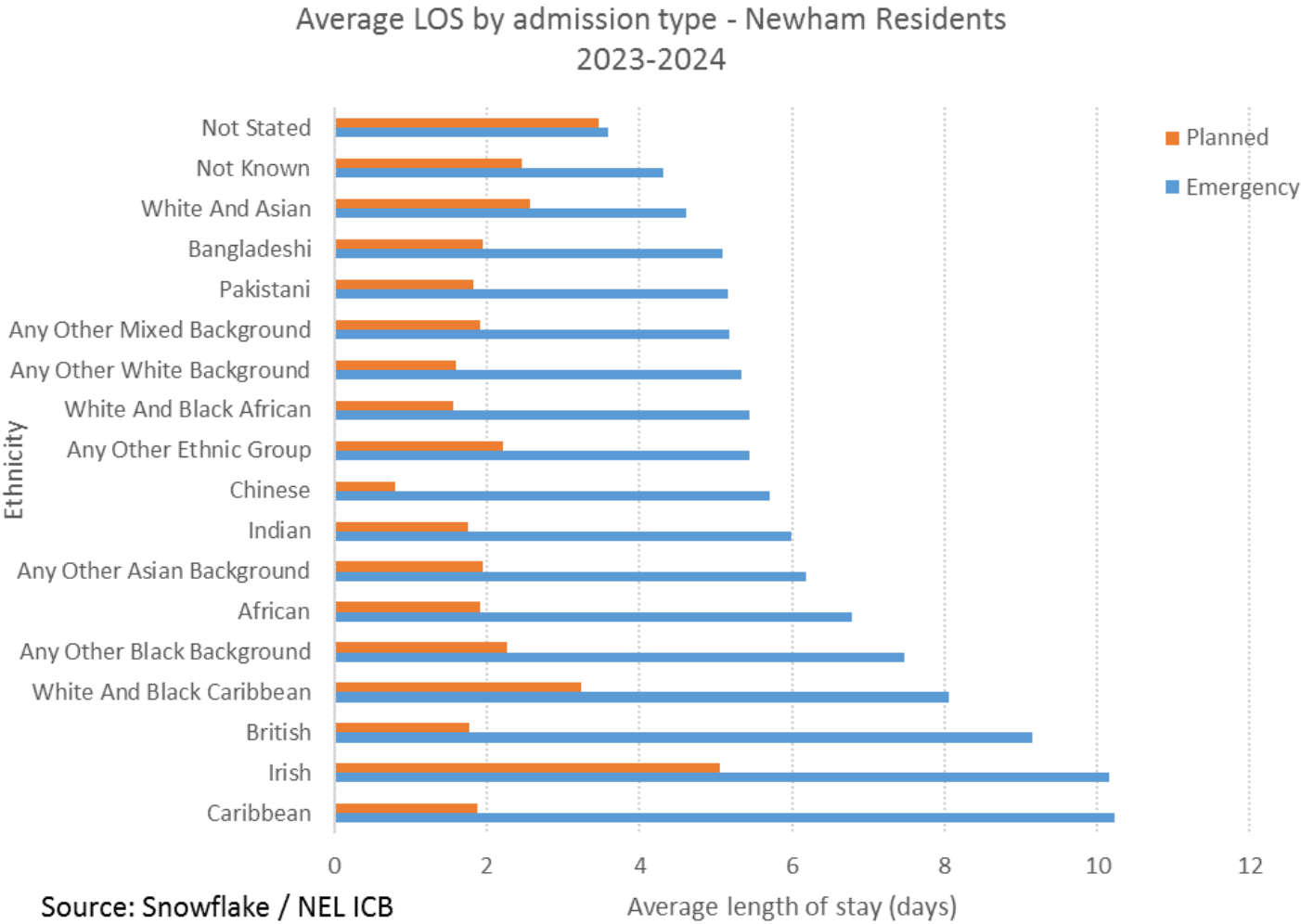
Source: Snowflake / NEL ICB

Average LOS by admission type - Newham Residents 2023-2024



Source: Snowflake / NEL ICB

# Average length of stay by admission type and detailed ethnicity

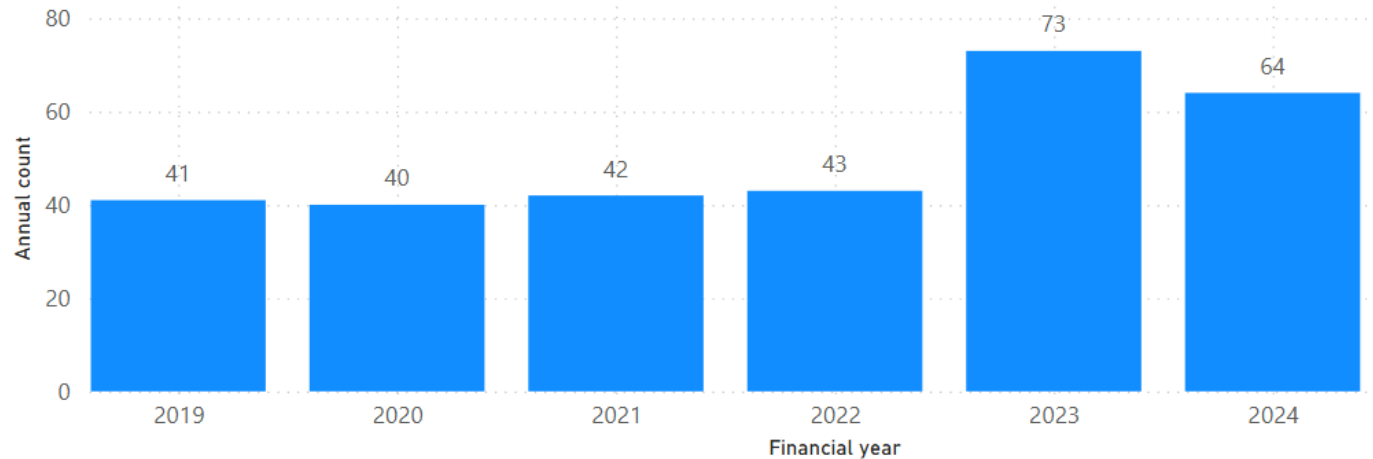


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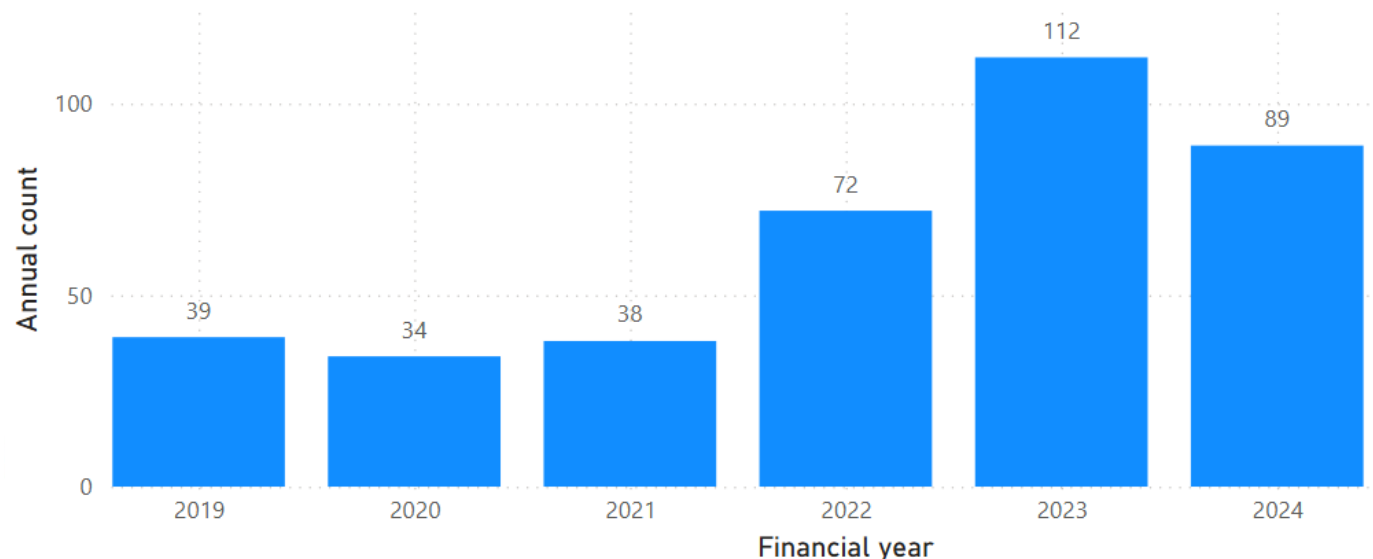
# Avoidable hospital admissions

# Avoidable Hospital Admissions

Avoidable hospital admissions among Forest Gate residents, by avoidable hospital admission type



Ambulatory Care Sensitive Conditions annual admissions count trend



- **Acute Conditions** looks at acute conditions like influenza and GI infections that could have been avoided.
- **Ambulatory Care Sensitive Conditions** looks at preventable admissions where better outpatient care could have avoided hospitalisation.

❖ In 2024, there were over 150 avoidable hospital admissions among Forest Gate residents.

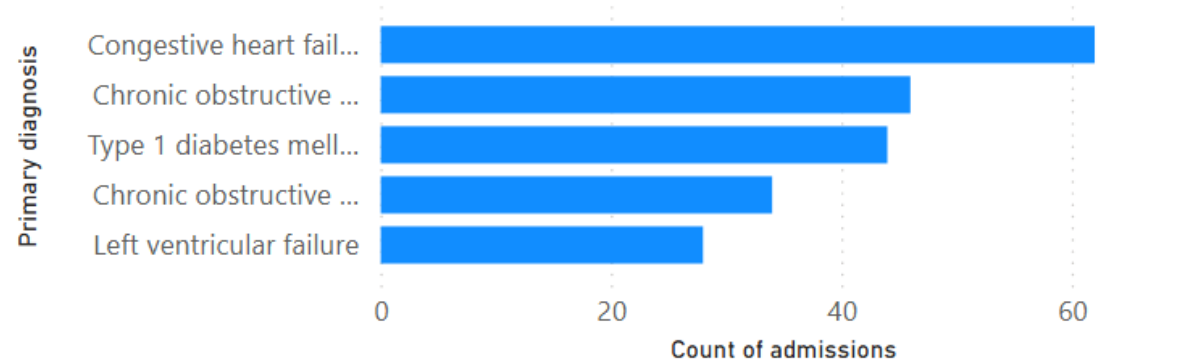
❖ The number of avoidable hospital admissions has increased over time.

**WE ARE NEWHAM.**

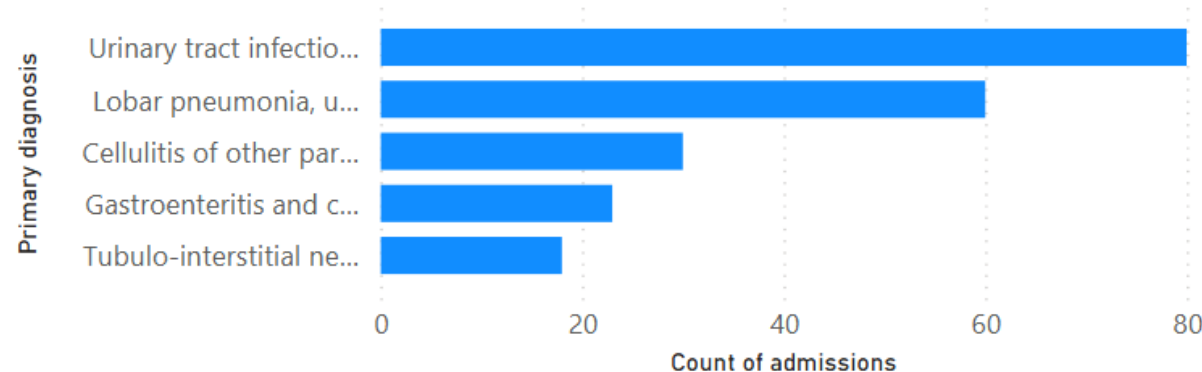
# Avoidable Hospital Admissions

Avoidable hospital admissions among Forest Gate residents,  
5 most common admissions by primary diagnosis

Count of Ambulatory Care Sensitive Conditions AHA by primary diagnosis



Count of Acute Conditions AHA by primary diagnosis



- ❖ The most common avoidable hospital admissions for ambulatory care sensitive conditions was COPD with acute lower respiratory infection
- ❖ The most common avoidable hospital admission for acute conditions was for urinary tract infections

# Segmentation

# The developing segmentation approach in North East London

Our emerging population segmentation model is based on individuals and applied to a whole population.

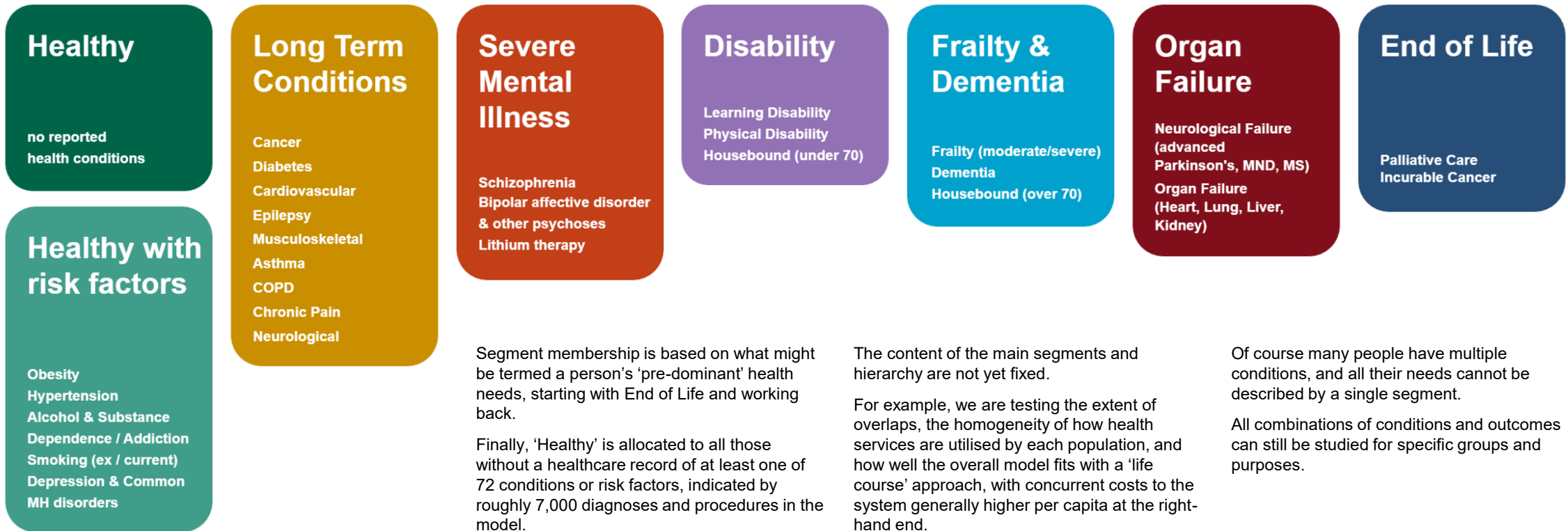
We use the ICB's rich data sources to study people's healthcare records across all parts of the healthcare system, covering 70+ conditions, indicated by over 7,000 diagnoses and procedures in the model.

All 2.4m people registered with a North East London GP practice are and exclusively assigned to a **single** segment, based on a person's 'pre-dominant' health needs.

With clearly separated segments it becomes easier to identify distinct characteristics, needs, and risk factors associated with each group. This enables the development of targeted interventions and customised care plans

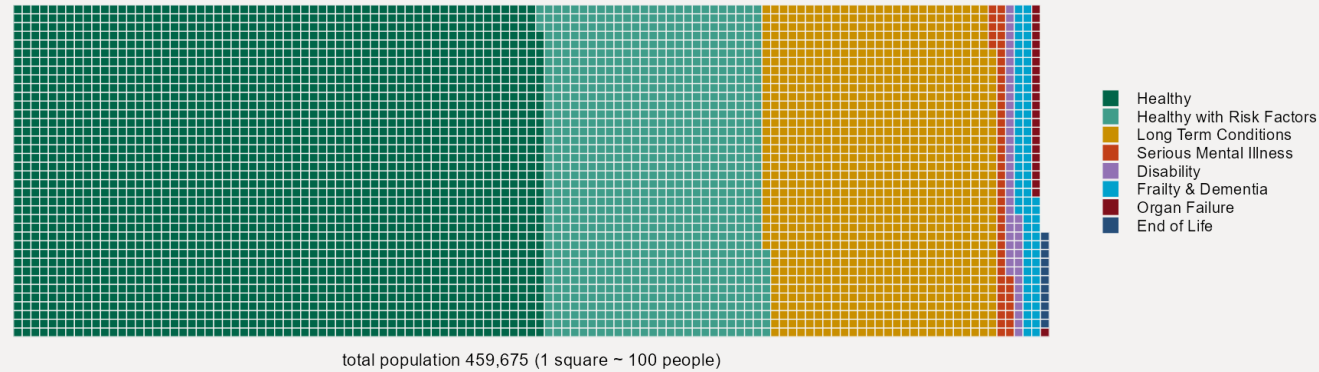
specific to each segment's unique needs.

The goal is to support clear decision-making with consistent and accurate monitoring of population group outcomes over time, applied across all parts of our health system and localities.



# The Newham population segmented

Newham total GP registered population by segment (March 2024)

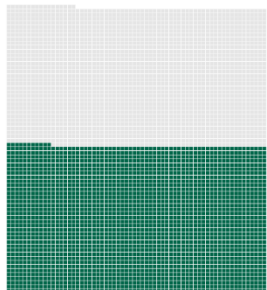


All 459,000+ people registered with a Newham GP practice are each assigned exclusively to a **single** main segment.

Non-overlapping segments make for accurate measurement, targeted interventions, and clearer decision-making over time.

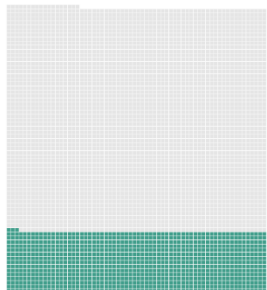
This means that whether we want to look at the population at Place, Primary Care Network, practice or neighbourhood level geographically, how we describe, benchmark, and monitor the level of healthcare need and cost is consistent throughout.

The Healthy segment is 51.5% of the population or 236,621 people



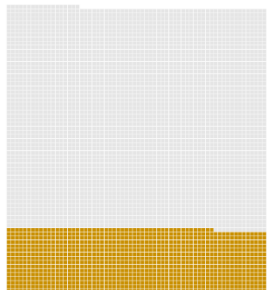
1 square ~ 100 people in NEW

Healthy with Risk Factors is 21.4% of the population or 98,422 people



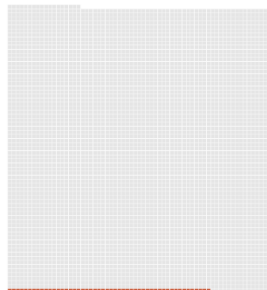
1 square ~ 100 people in NEW

Long Term Conditions is 22.5% of the population or 103,317 people



1 square ~ 100 people in NEW

Serious Mental Illness is 1.1% of the population or 5,129 people



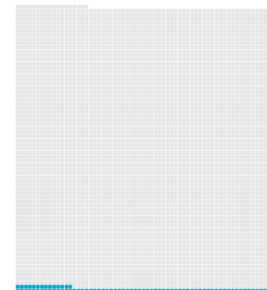
1 square ~ 100 people in NEW

Disability is 1% of the population or 4,609 people



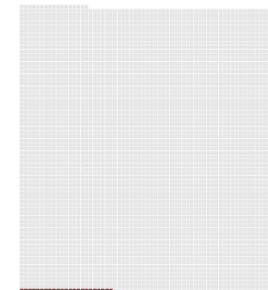
1 square ~ 100 people in NEW

Frailty & Dementia is 1.7% of the population or 8,009 people



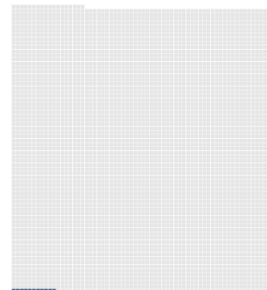
1 square ~ 100 people in NEW

Organ Failure is 0.5% of the population or 2,444 people



1 square ~ 100 people in NEW

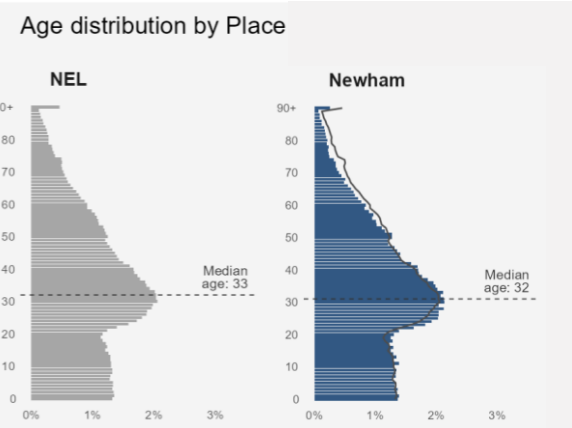
End of Life is 0.2% of the population or 1,124 people



1 square ~ 100 people in NEW

# Comparing the Newham segmentation to other places in NEL

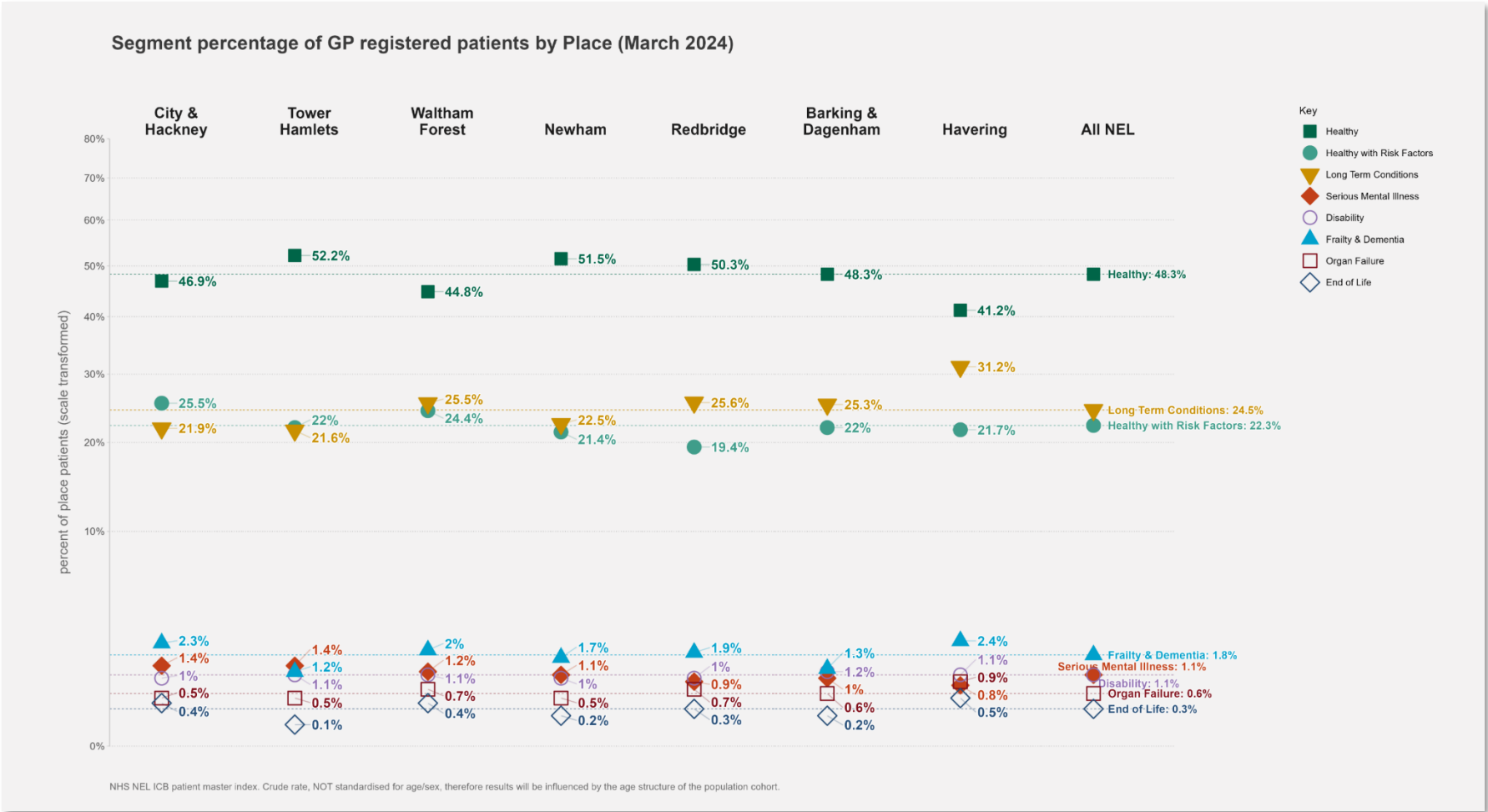
The age structure of the Newham population is relatively similar to NEL with a very similar median age, but with lower proportions of people in the older age bracket, above 50, and slightly greater proportions of people between age 20 and 30.



The distribution of people is similar to NEL across the segments, with the Healthy proportion second highest in NEL, and LTC one of the lowest, but this is likely to be influenced by the age structure, as noted above. However, these figures are not yet age standardised, which would help reveal whether people are more likely to be less well for other reasons than age and sex, such as deprivation.

Comparing the overall proportion of segment membership at Place level is a partial picture. Studying segments in more detail reveals other elements about the level of need in Newham, and more about how the population moves between them.

## Place



# Exploring the segments in more detail to reveal variation in need and progression through segments

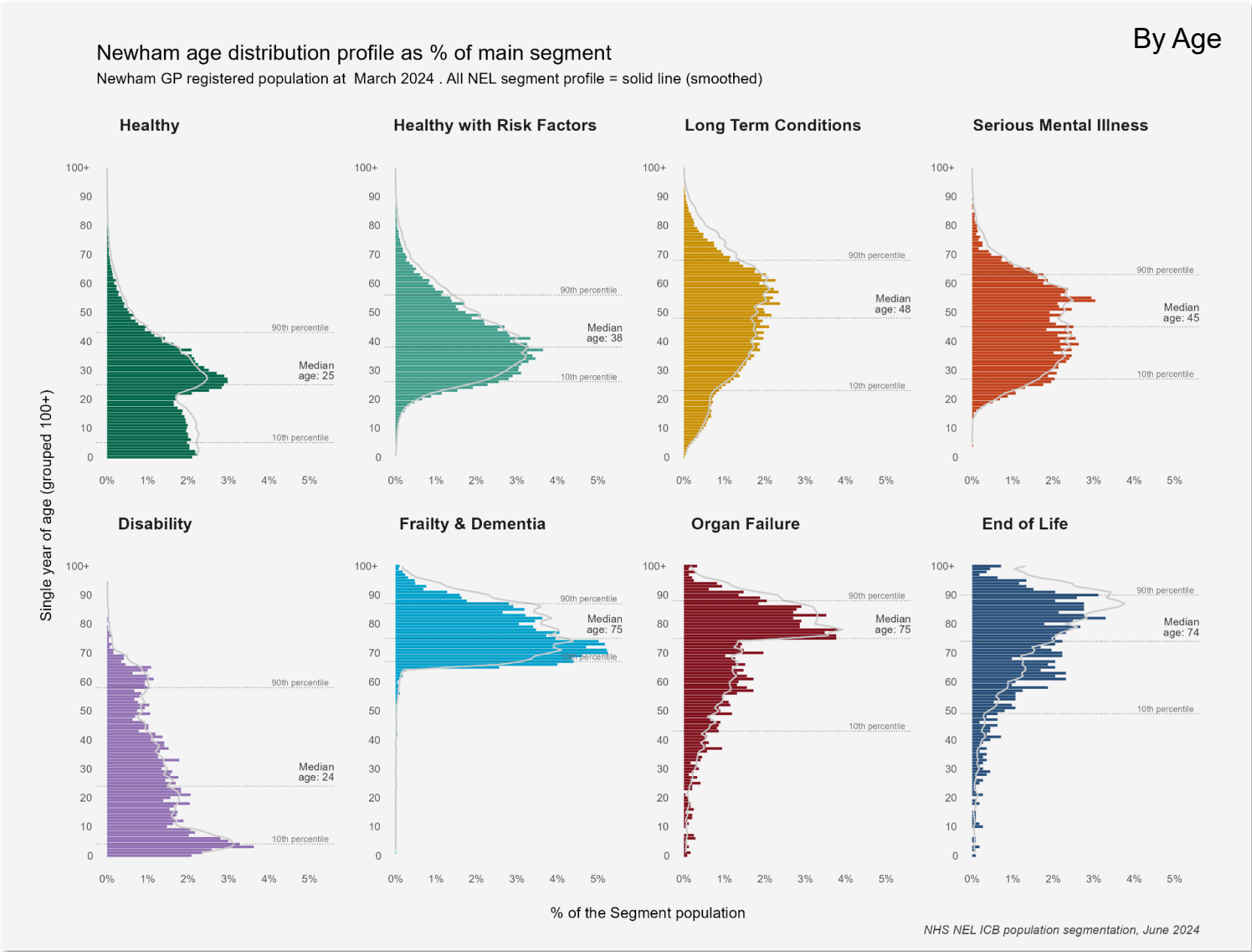
One way to look at the population is to consider how soon, or how late people are moving into segments and conditions.

At Place level, the age structure of the Newham population is relatively similar to NEL, but with lower proportions of people in the older age bracket, above 50, and greater proportions of people between age 20 and 30. The distribution across segments, at Place level reflects this.

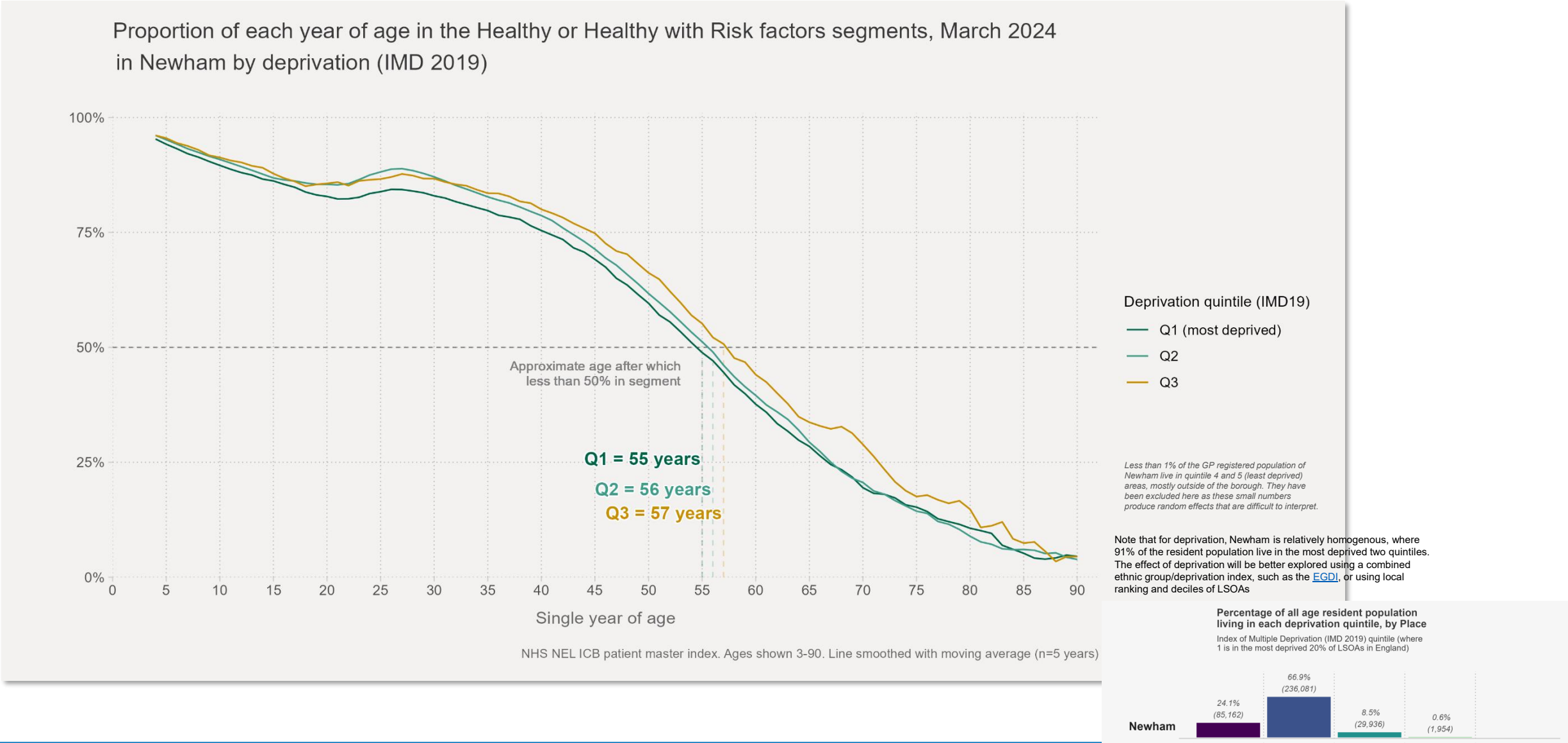
But if we compare the age distribution *within* segments, and compare to a reference (NEL in this case), we can start to see how the level of need, onset, or likelihood of being diagnosed with a condition varies.

For example, for Frailty & Dementia, despite the overall percentage of people from Newham being very similar to NEL at 1.7% (see last slide), there appears to be higher proportions than NEL (grey line) at lower age groups normally associated with this segment, with a median age of 75, compared with 78 at NEL level.

Higher proportions than NEL at lower age groups appears also to be the case for End of Life. The median age for people in this segment in Newham of 74 is seven years lower than the median at NEL level (81).

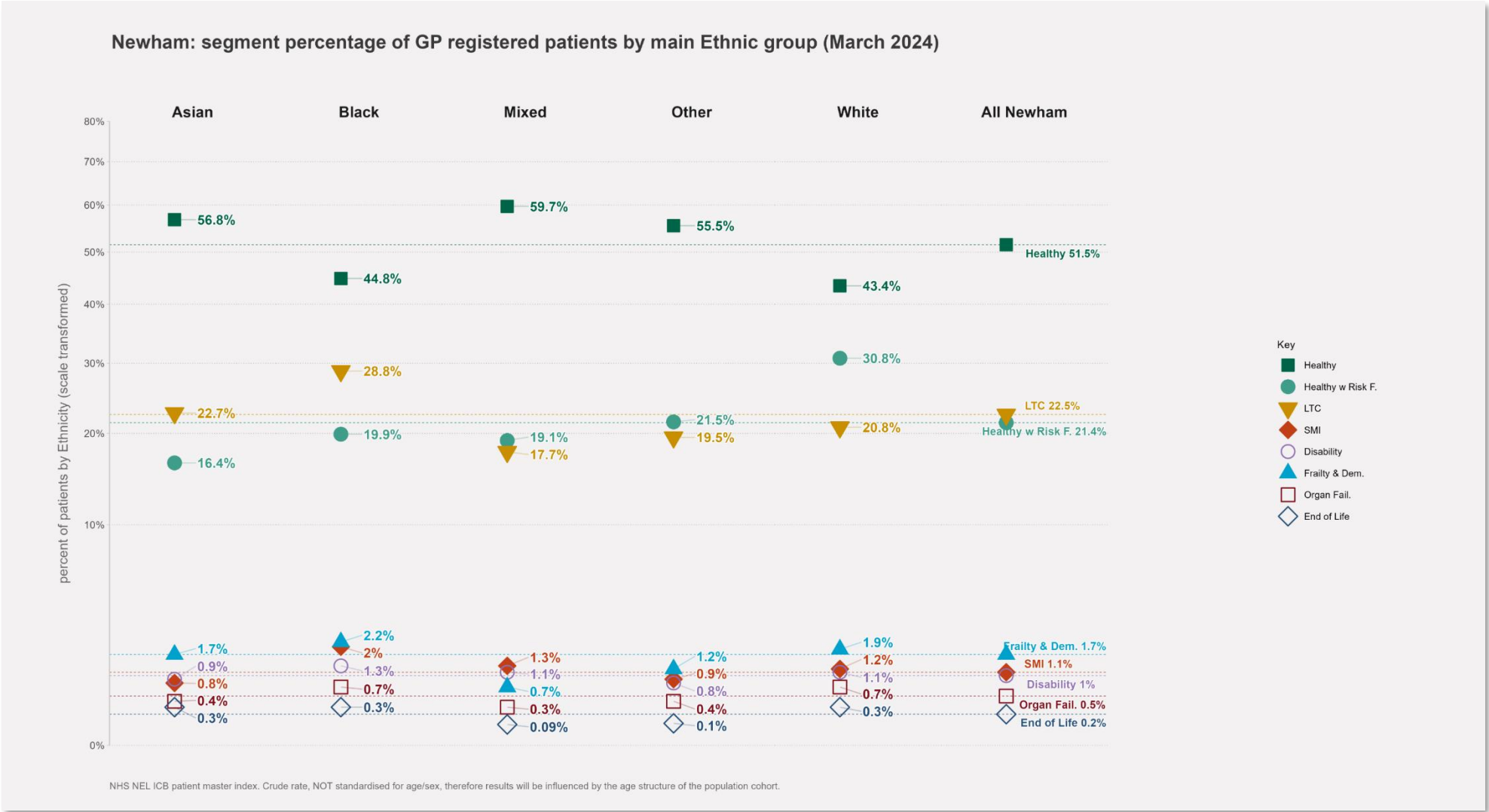


# Examples of analysis: Healthy life expectancy by deprivation



\* Note that these figures are not yet age / sex standardised, to account for example for generally larger proportions of younger people in some ethnicities than others.

# Examples of analysis: Segments by ethnicity



\* Note that these figures are not yet age / sex standardised, to account for example for generally larger proportions of younger people in some ethnicities than others.

# Healthcare utilisation and cost\* vary greatly between segments and service type, compared with the distribution of the population

|                                                | Healthy     | Healthy with Risk Factors | Long Term Conditions | Serious Mental Illness | Disability | Frailty and Dementia | Organ Failure | End of Life |
|------------------------------------------------|-------------|---------------------------|----------------------|------------------------|------------|----------------------|---------------|-------------|
| People registered with a GP practice in Newham | 236,621     | 98,422                    | 103,318              | 5,129                  | 4,609      | 8,009                | 2,444         | 1,124       |
| <b>A&amp;E attendances</b>                     | 69,080      | 30,614                    | 59,783               | 4,987                  | 3,863      | 7,209                | 4,747         | 1,525       |
| total cost (£ MFF adjusted)                    | £14,282,690 | £6,910,678                | £15,106,306          | £1,255,674             | £977,123   | £2,234,700           | £1,693,596    | £530,124    |
| A&E attendances per capita                     | 0.3         | 0.3                       | 0.6                  | 1.0                    | 0.8        | 0.9                  | 1.9           | 1.4         |
| cost (£) per capita                            | £60         | £70                       | £146                 | £245                   | £212       | £279                 | £693          | £472        |
| <b>Emergency admissions</b>                    | 4,107       | 1,876                     | 7,861                | 513                    | 801        | 1,834                | 2,571         | 697         |
| total cost (£ MFF adjusted)                    | £9,668,871  | £4,618,261                | £25,785,315          | £1,718,217             | £2,742,733 | £7,869,535           | £11,843,825   | £3,311,698  |
| Emergency admissions per capita                | 0.02        | 0.02                      | 0.08                 | 0.10                   | 0.17       | 0.23                 | 1.05          | 0.62        |
| cost (£) per capita                            | £41         | £47                       | £250                 | £335                   | £595       | £983                 | £4,846        | £2,946      |
| <b>OP attendances</b>                          | 137,726     | 83,541                    | 272,966              | 9,555                  | 15,349     | 36,664               | 19,446        | 7,231       |
| total cost (£ MFF adjusted)                    | £28,089,219 | £16,462,040               | £53,153,116          | £1,872,911             | £3,292,307 | £7,013,507           | £3,896,027    | £1,358,294  |
| OP attendances per capita                      | 0.6         | 0.8                       | 2.6                  | 1.9                    | 3.3        | 4.6                  | 8.0           | 6.4         |
| cost (£) per capita                            | £119        | £167                      | £514                 | £365                   | £714       | £876                 | £1,594        | £1,208      |
| <b>Elective admissions</b>                     | 5,192       | 3,920                     | 26,811               | 890                    | 1,591      | 3,473                | 2,320         | 1,556       |
| total cost (£ MFF adjusted)                    | £9,036,168  | £6,578,007                | £36,374,489          | £1,091,696             | £2,786,729 | £4,811,374           | £3,181,512    | £1,334,679  |
| Elective admissions per capita                 | 0.02        | 0.04                      | 0.26                 | 0.17                   | 0.35       | 0.43                 | 0.95          | 1.38        |
| cost (£) per capita                            | £38         | £67                       | £352                 | £213                   | £605       | £601                 | £1,302        | £1,187      |
| <b>GP encounters</b>                           | 230,985     | 123,511                   | 297,907              | 18,961                 | 15,766     | 45,883               | 15,083        | 7,925       |
| GP encounters per capita                       | 1.0         | 1.3                       | 2.9                  | 3.7                    | 3.4        | 5.7                  | 6.2           | 7.1         |
| <b>Community contacts</b>                      | 10,218      | 14,158                    | 17,925               | 39,022                 | 8,161      | 6,097                | 2,302         | 1,113       |
| Community contacts per capita                  | 0.1         | 0.1                       | 0.8                  | 0.9                    | 5.1        | 7.0                  | 15.2          | 15.0        |
| <b>MH contacts</b>                             | 10,218      | 14,158                    | 17,925               | 39,022                 | 8,161      | 6,097                | 2,302         | 1,113       |
| MH contacts per capita                         | 0.0         | 0.1                       | 0.2                  | 7.6                    | 1.8        | 0.8                  | 0.9           | 1.0         |

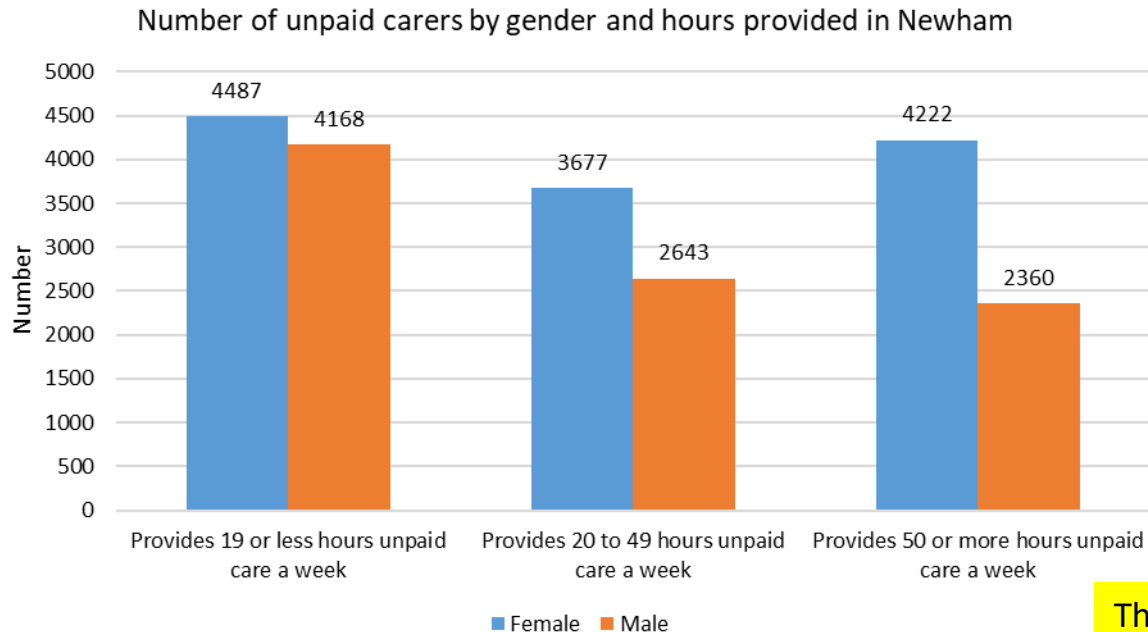
\* The activity costing approach is still being developed across the segmentation, strategic forecasting tool and place-based reporting work. The figures currently used as output in the segmentation model are calculated from National Cost Collection (NCC) data, with Market Forces

factor (MFF) adjustments. This value is analogous to use of resource rather than any direct payment for activity. This NCC data is submitted annually by providers and gives an average cost for activities by provider, service and HRG. .

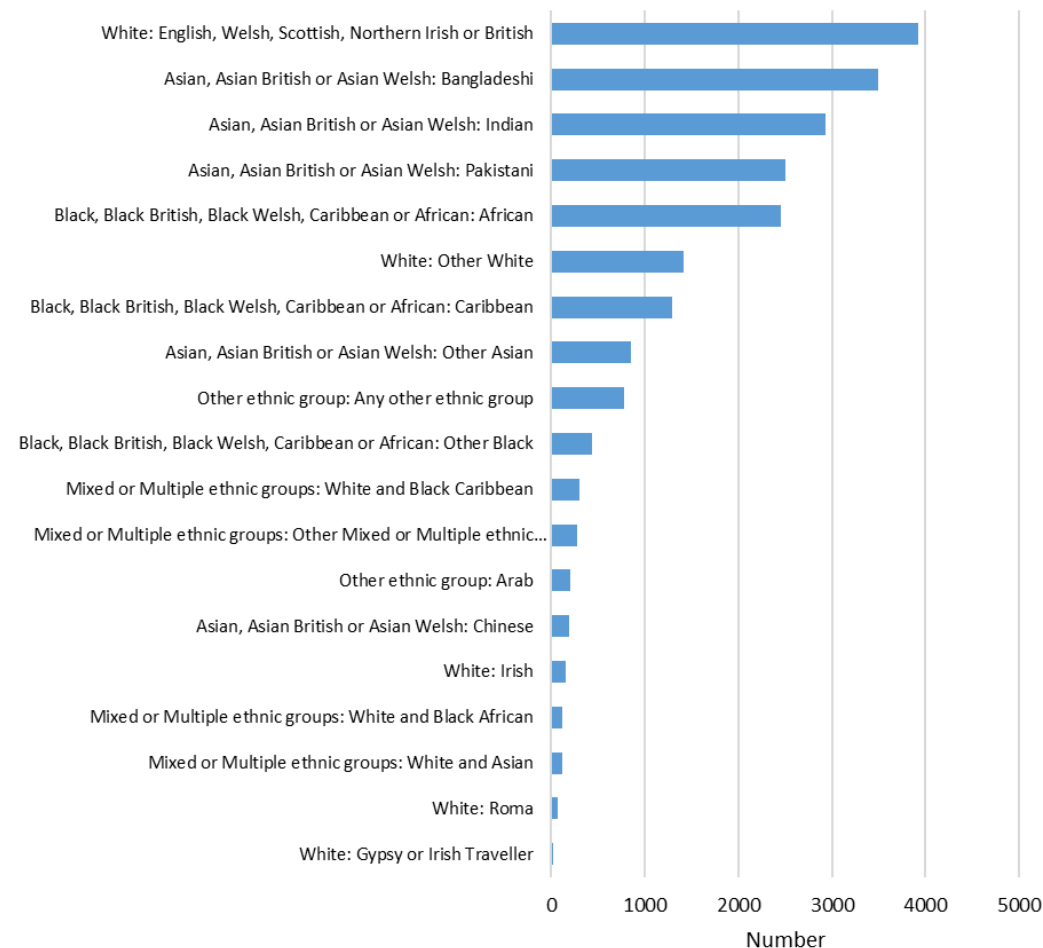
# Carers data – via 2021 census

# 2021 Census – unpaid care (1)

- As of the 2021 census there were 21,557 people in Newham providing some levels of unpaid weekly care – or approximately 6% of the Newham population.
- Roughly 57% of unpaid carers are female but this is disproportionately larger among those who provide more hours of weekly unpaid care. Among those providing 50 or more hours of unpaid care a week, 64% are female.
- The largest number of unpaid carers in Newham identify as White British, Bangladeshi, and Indian.



Total number of unpaid carers by ethnic group in Newham



These graphs are currently showing all Newham residents just as an example

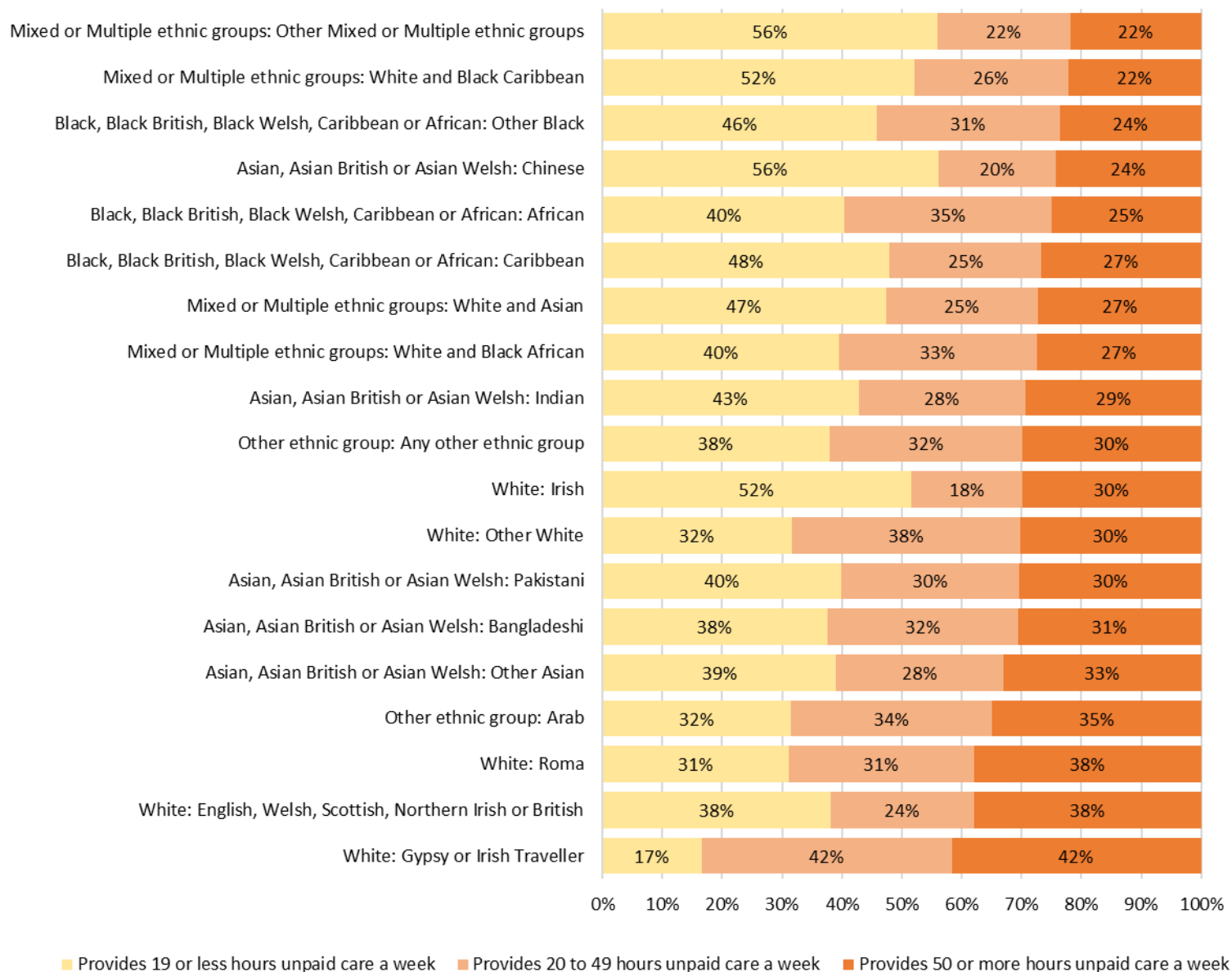
**WE ARE NEWHAM.**

# Unpaid carers (2)

- Among those who provide unpaid care, those who identify as Irish Traveller, White British, Roma, and Arab provide the highest share of 50 or more hours of unpaid care a week.
- Those of Mixed or Other Black ethnicity tend to provide less intensity of hours of unpaid care a week.

These graphs are currently showing all Newham residents just as an example

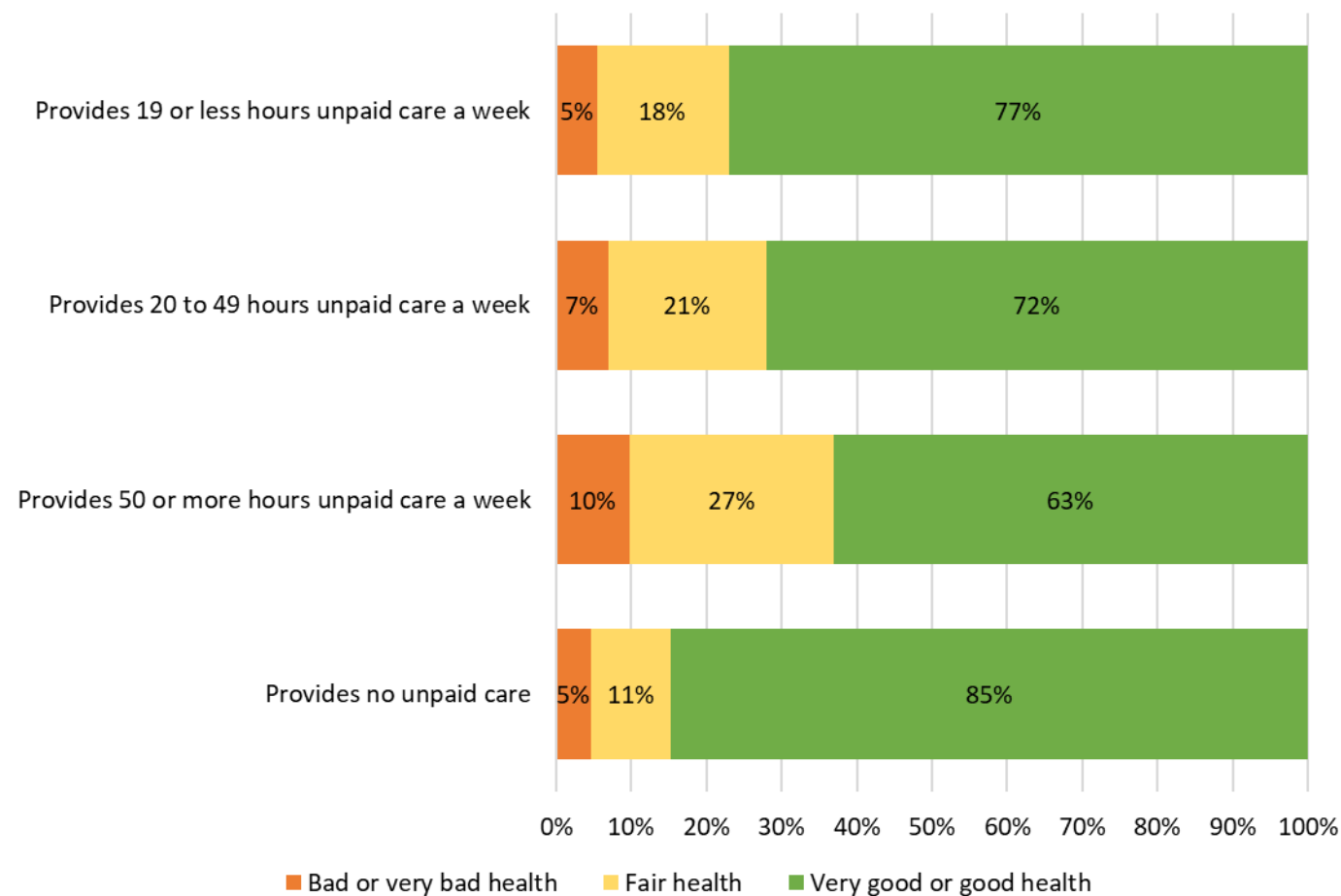
Intensity of care provided by unpaid carers by ethnic group in Newham, 2021 census



# Unpaid carers – general health

- Unpaid carers generally have a lower percent that say they have 'Very good or good' health compared to those who provide no unpaid care.
- Unpaid carers who provide more hours of care per week also have worse self-perceived health, with only 63% saying they have 'very good/good' health compared to 85% who are not unpaid carers.
- 1 in 10 unpaid carers who provide 50 or more hours of care a week say their health is 'bad or very bad'.

Self-perceived general health among unpaid carers by intensity of care

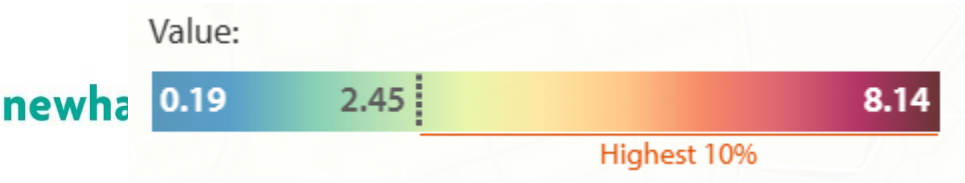
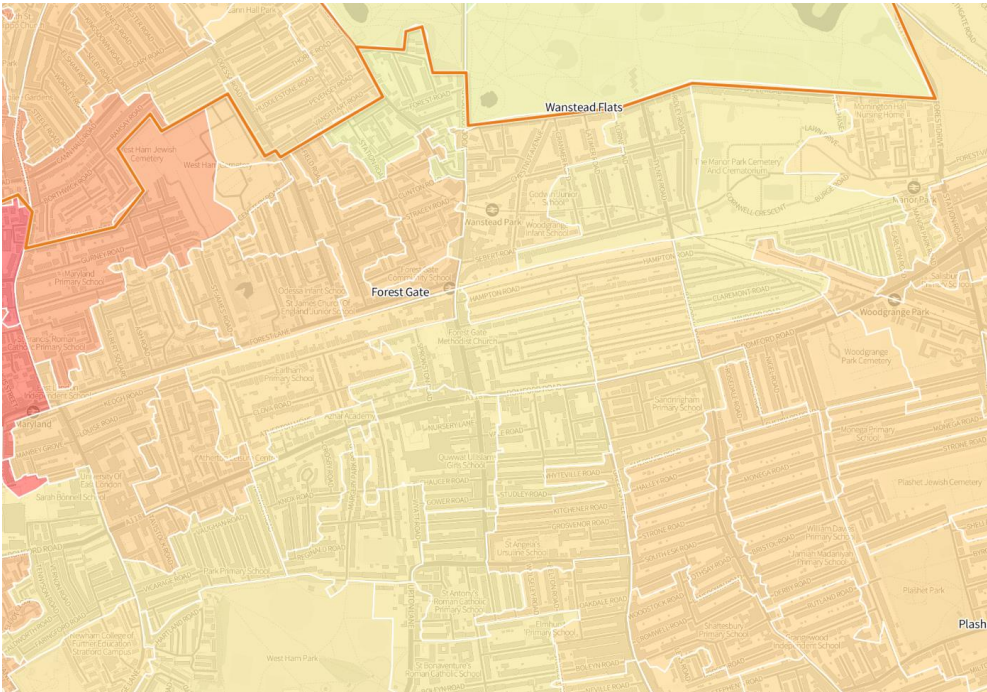


These graphs are currently showing Newham residents just as an example

# Air pollution

# Air pollution

Sulphur dioxide (SO2) levels around Forest Gate



Nitrogen dioxide (NO2) levels around Forest Gate

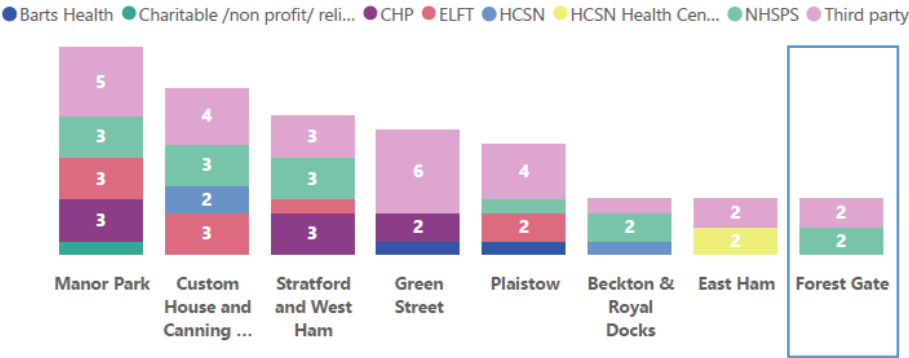


The contours on the map represent the NO2 Annual Mean for 2020 measured in  $\mu\text{g}/\text{m}^3$ .

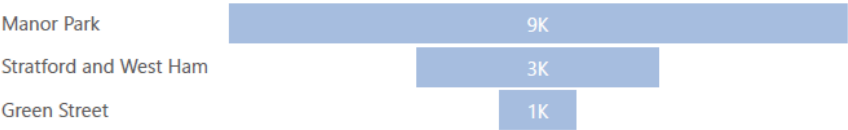


# Assets

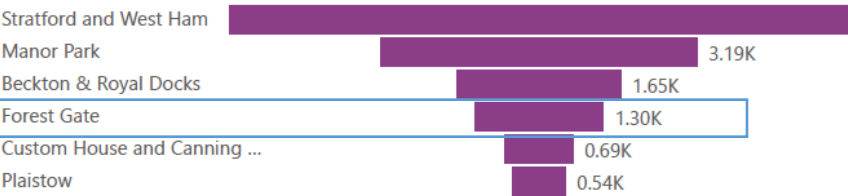
Number of assets by Newham INT team



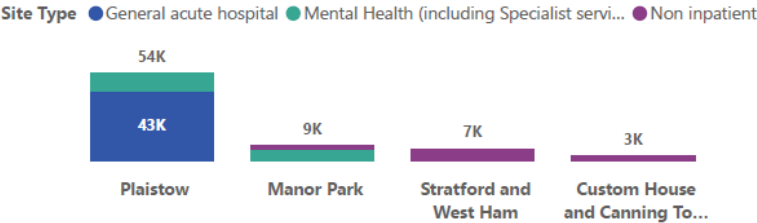
CHP GIA in SQM by Newham INT



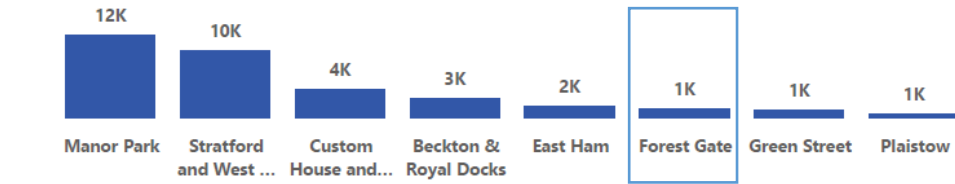
NHSPS NRA in SQM by Newham INT



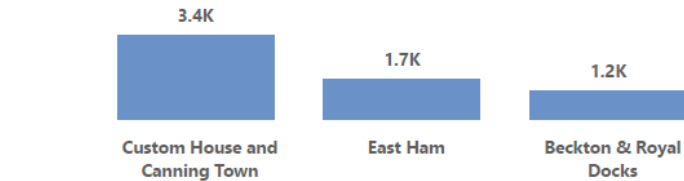
NHS Trust Occupied floor area by Newham INT



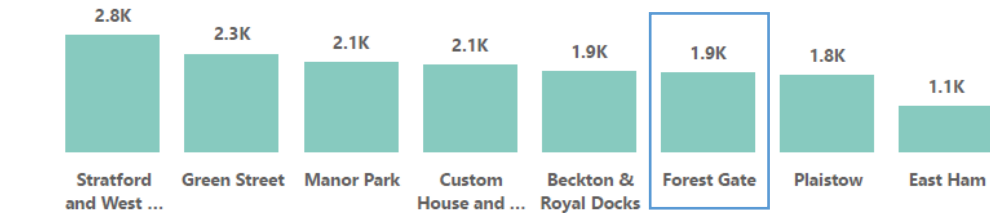
Total SQM (HCSN, CHP, NHSPS) by Newham INT



GIA SQM of HCSN assets by Newham INT

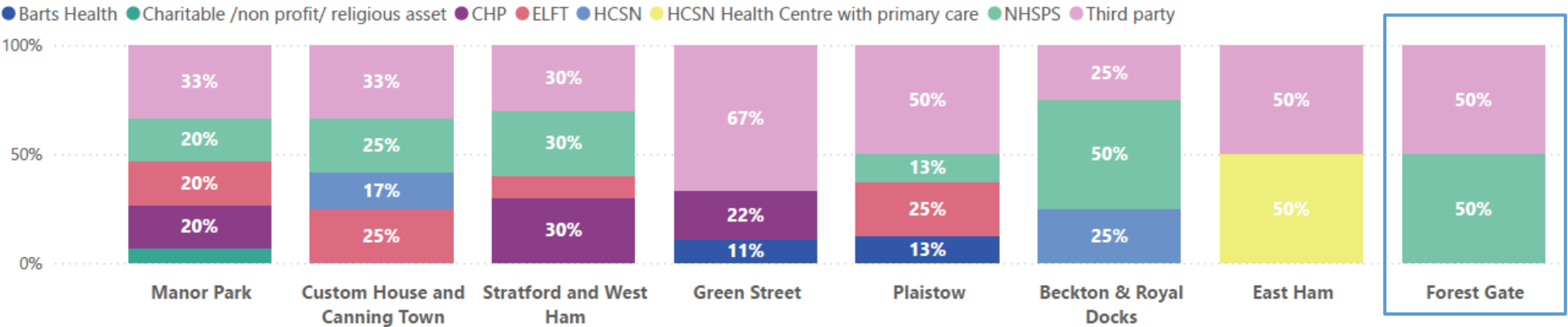


PC NIA in SQM by Newham INT

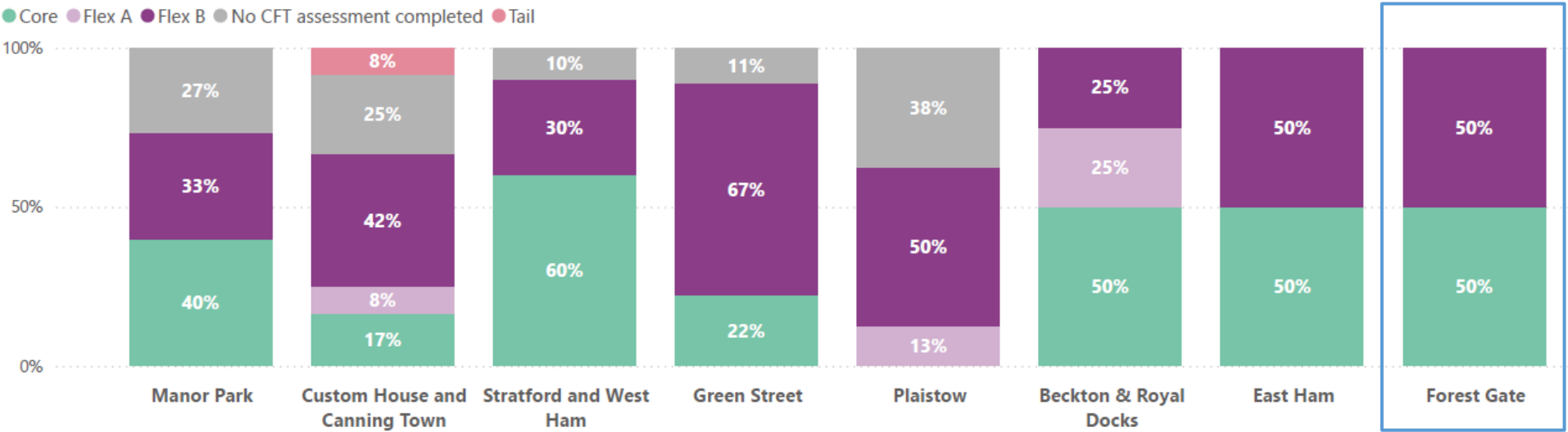


# Assets

% of assets by type - per Newham INT

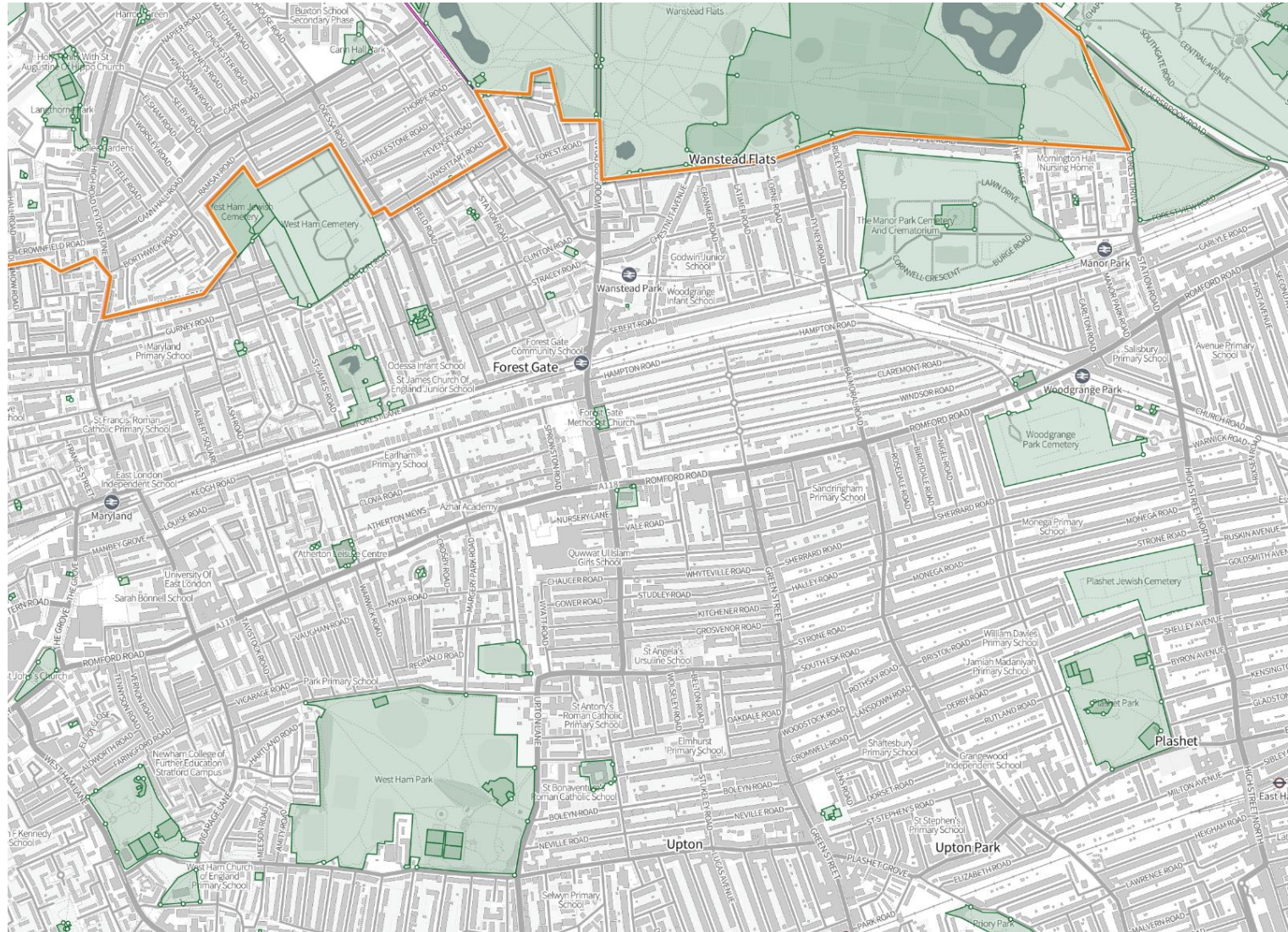


% of assets by type - per Newham INT



# Assets – green spaces

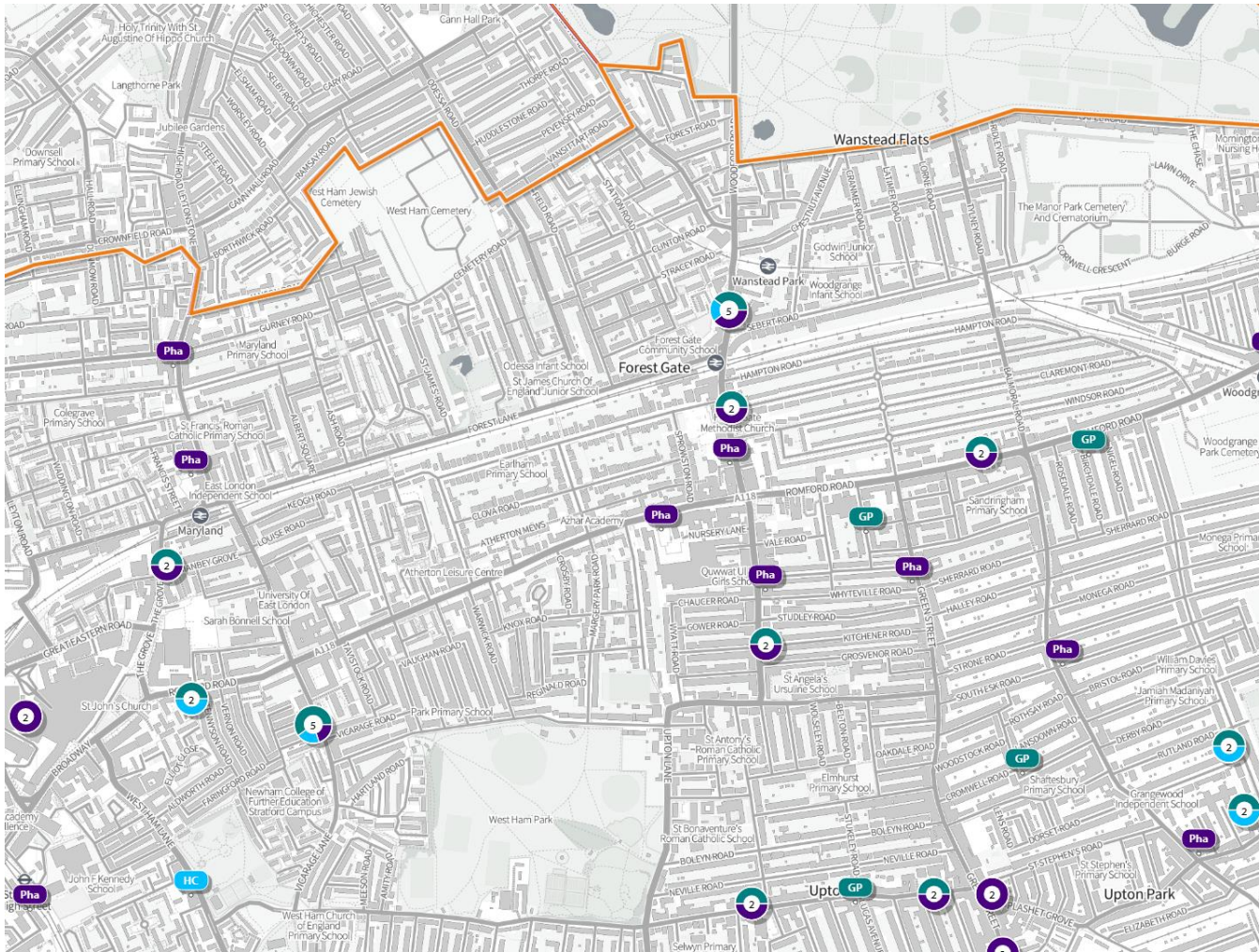
Green spaces (highlighted in green) around Forest Gate



# Assets – health infrastructure



Health infrastructure in and around Forest Gate



Key

GP

Pharmacy

Health centre, clinic,  
walk-in centre