

Neighbourhood Profiles 2025

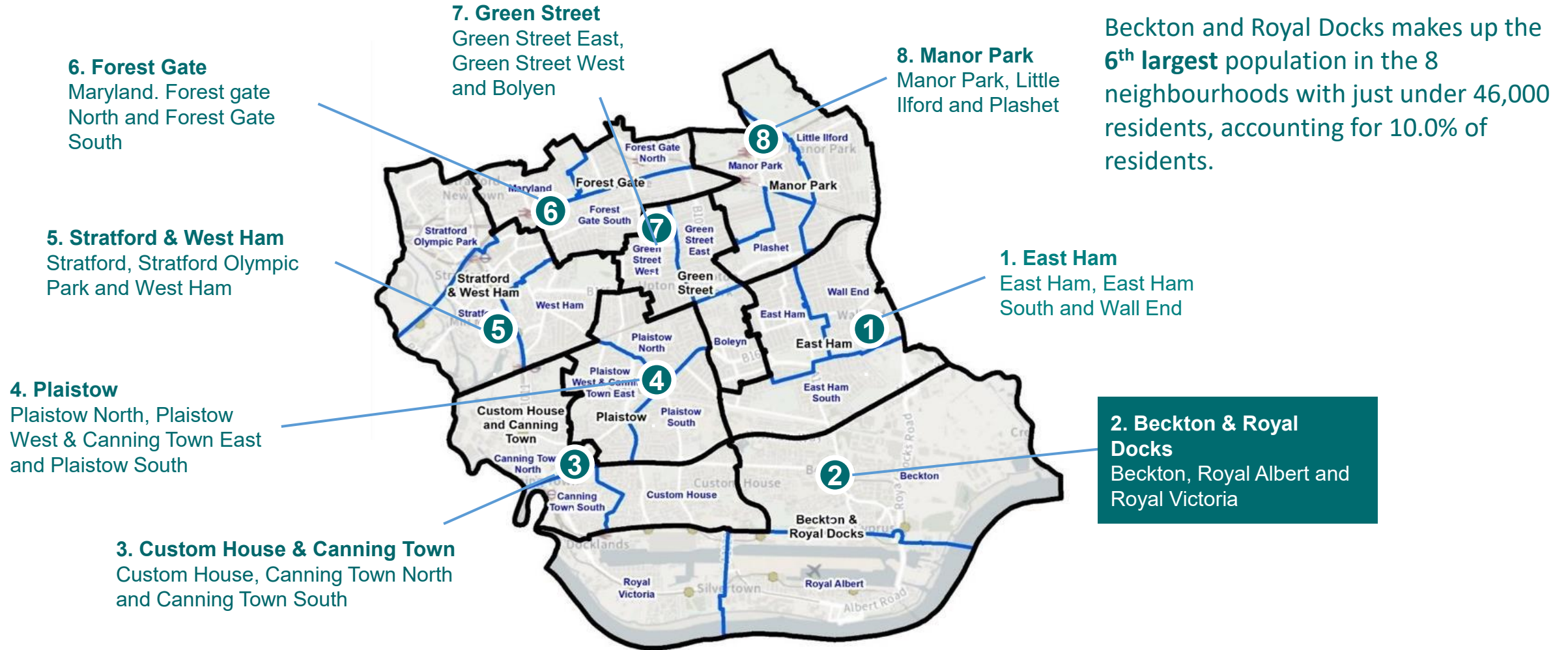
Beckton and Royal Docks

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

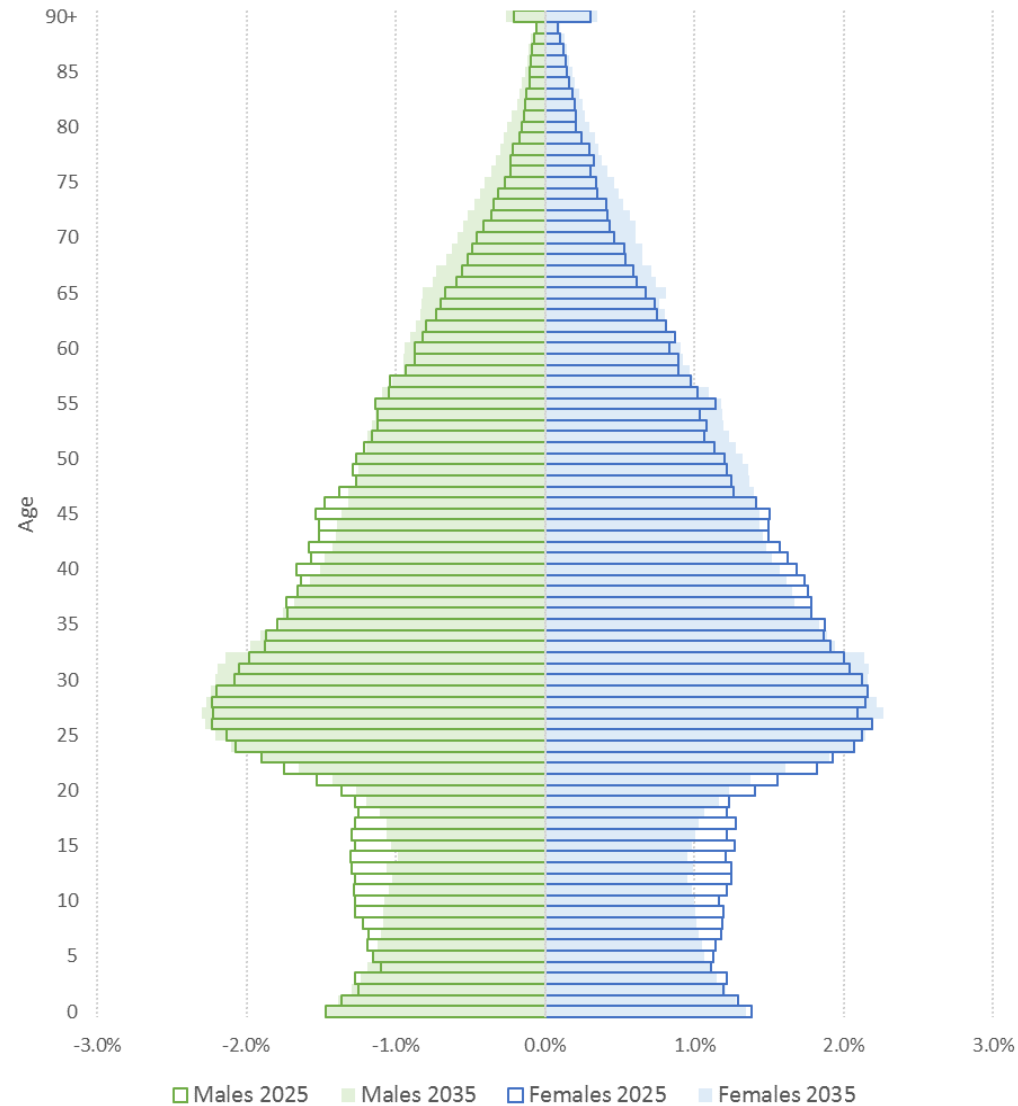
Neighbourhood Areas



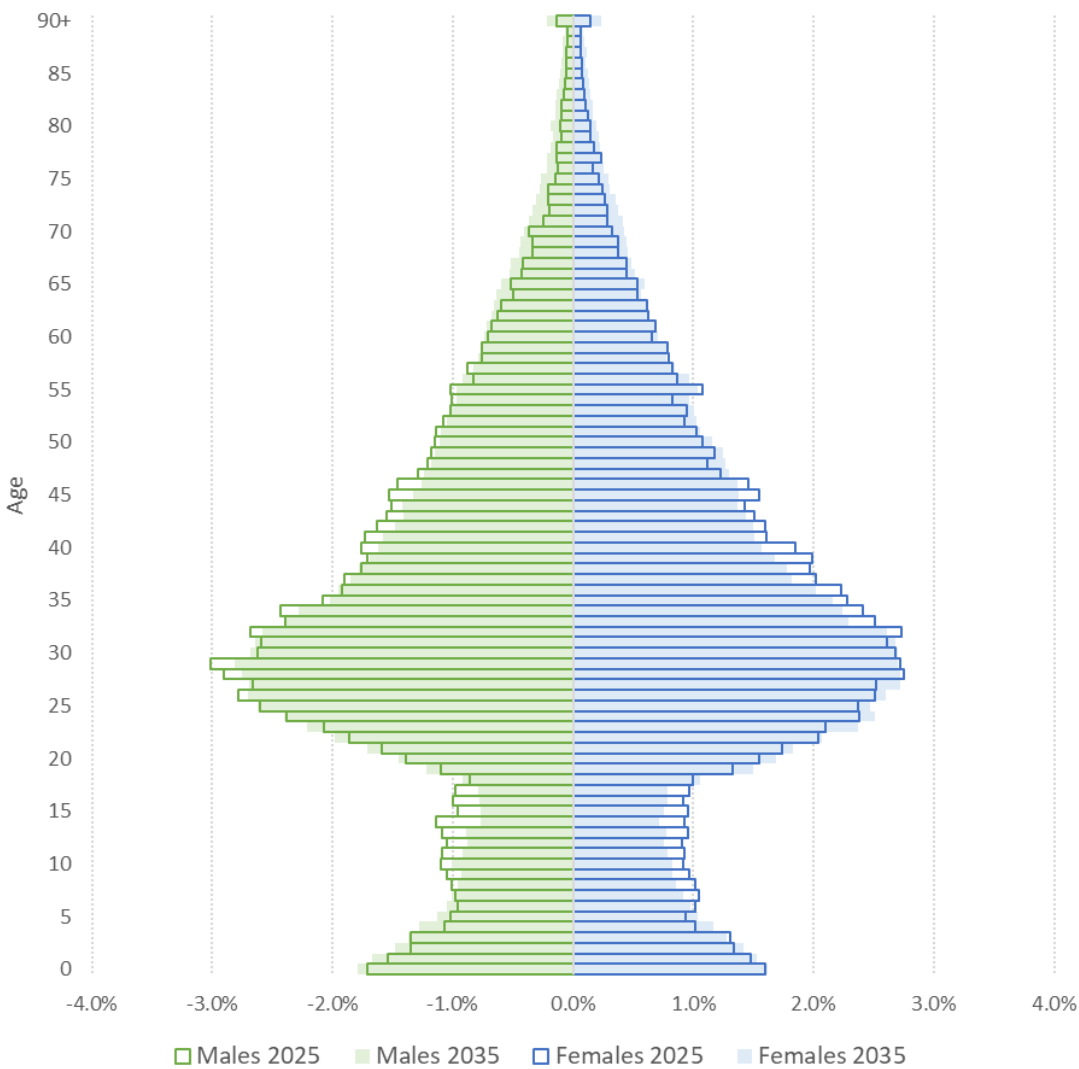
Population projections – Newham compared to Beckton & RD



Population projection Newham - 2025 to 2035 by gender



Population projection Beckton and Royal Docks
2025 to 2035 by gender



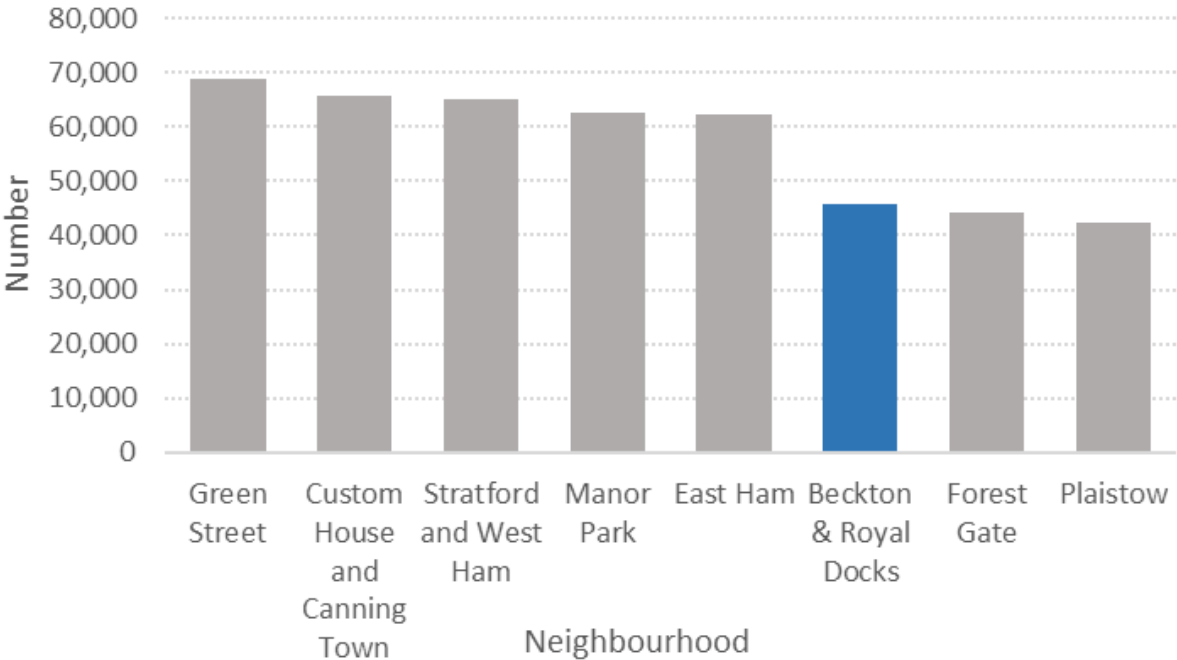
Population projections

	2025	2035	% increase	Increase
Beckton & RD total	46,494	74,706	61%	28,212
Beckton & RD males	22,942	36,373	59%	13,430
Beckton & RD females	23,552	38,334	63%	14,782
Newham total	378,200	435,200	15%	57,000
Newham males	187,000	212,800	14%	25,800
Newham females	191,200	222,400	16%	31,200

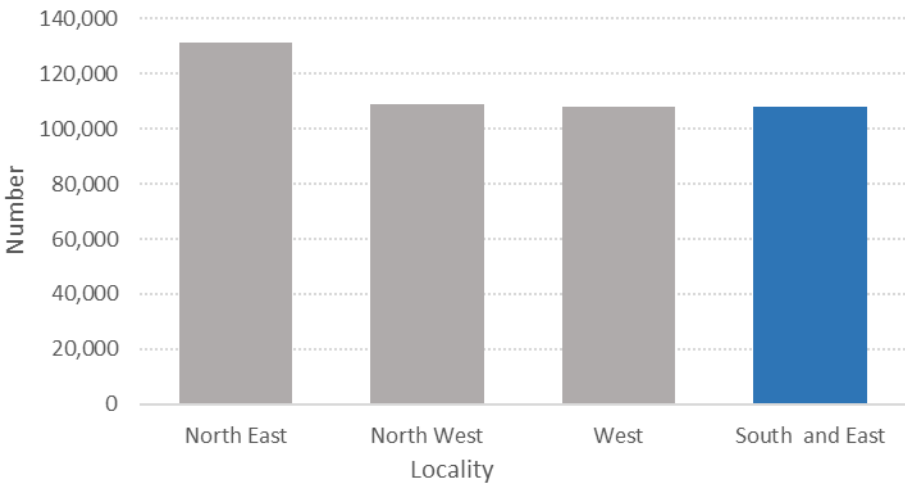
Population numbers



Neighbourhoods



ASC Localities

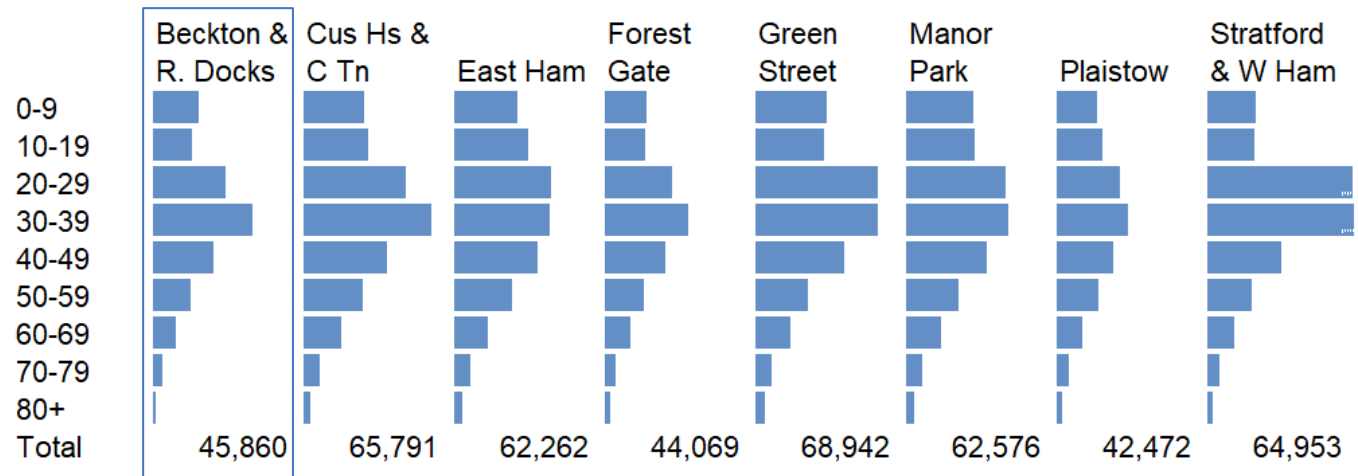


Beckton and Royal Docks neighbourhood lies in the South and East locality, along with East Ham

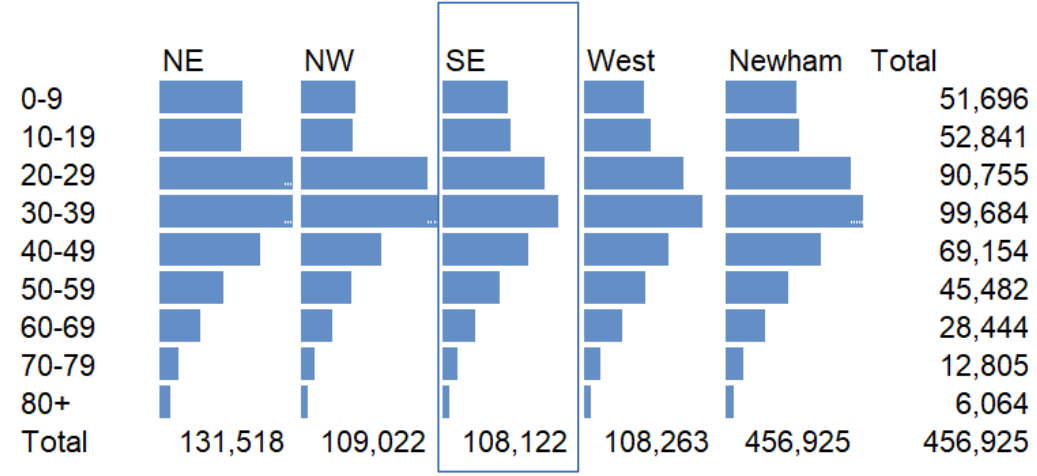
Age structures



Neighbourhoods



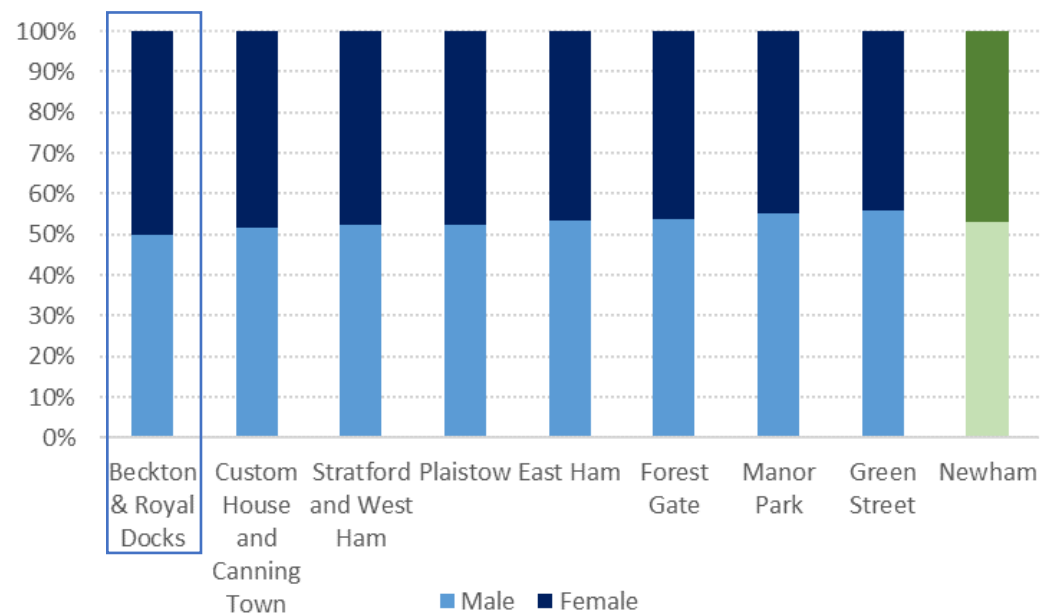
ASC Localities



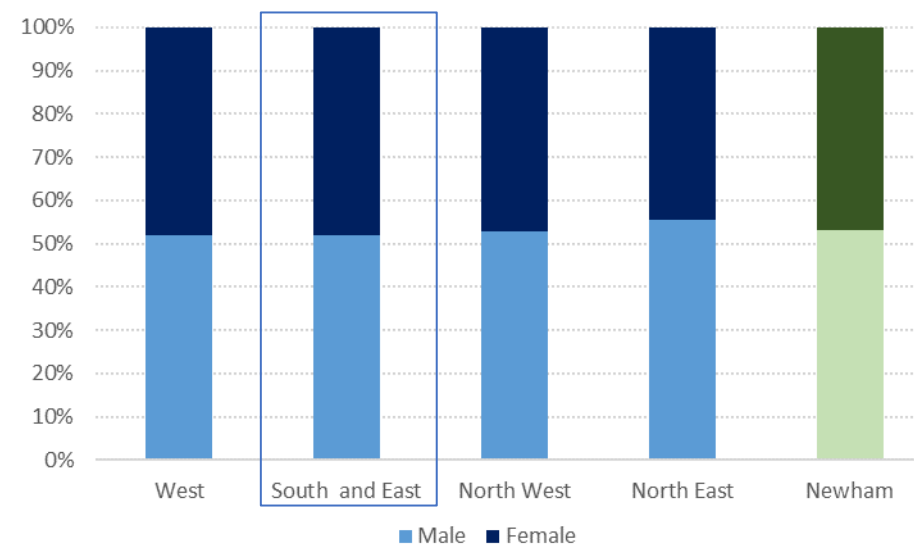
- ❖ A majority of the population are in the 20-39 age groups in each area
- ❖ The 20-39 age group make up 42% of the Newham population

Gender balance

Neighbourhoods



ASC Localities

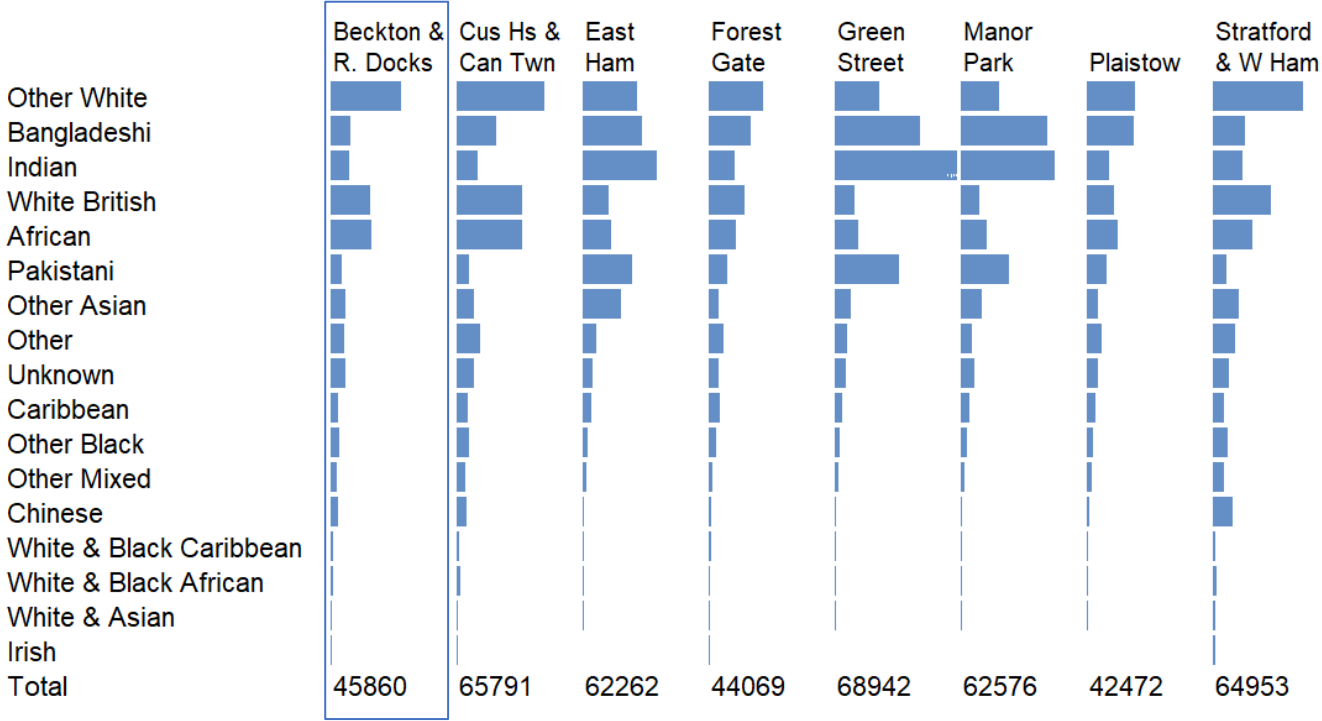


- ❖ The gender split across Newham as a whole is 53% males and 47% females
- ❖ There is slight variation in each of the neighbourhoods and localities (male range 50% - 56%, female range 44% - 50%)

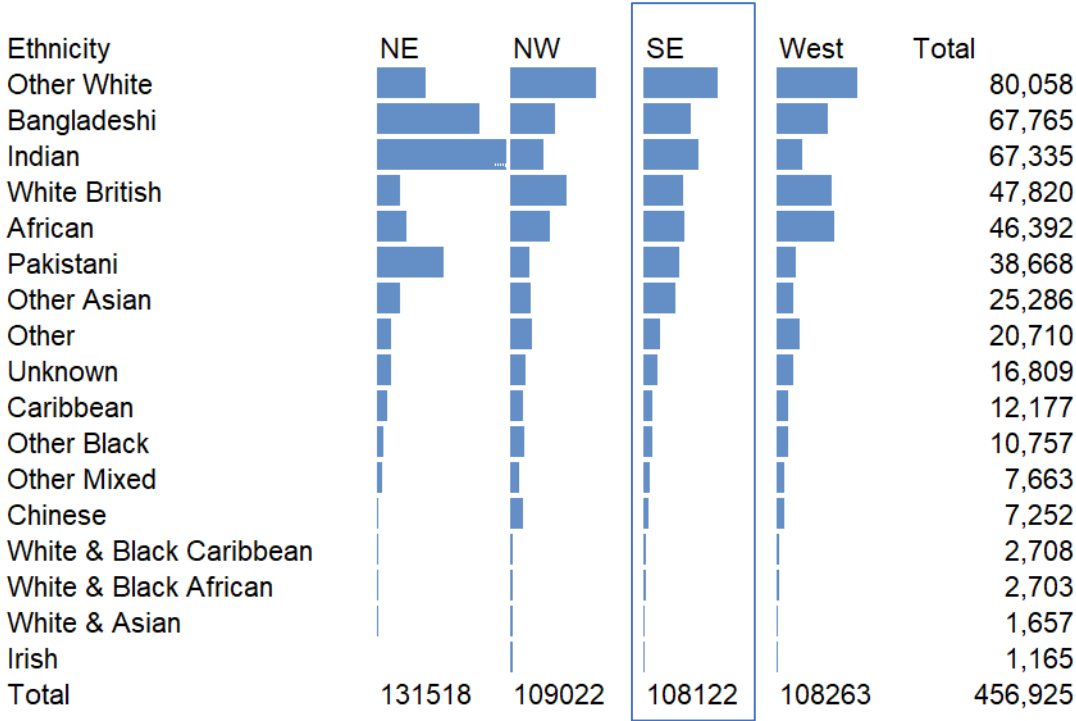
Ethnicity



Neighbourhoods



ASC Localities

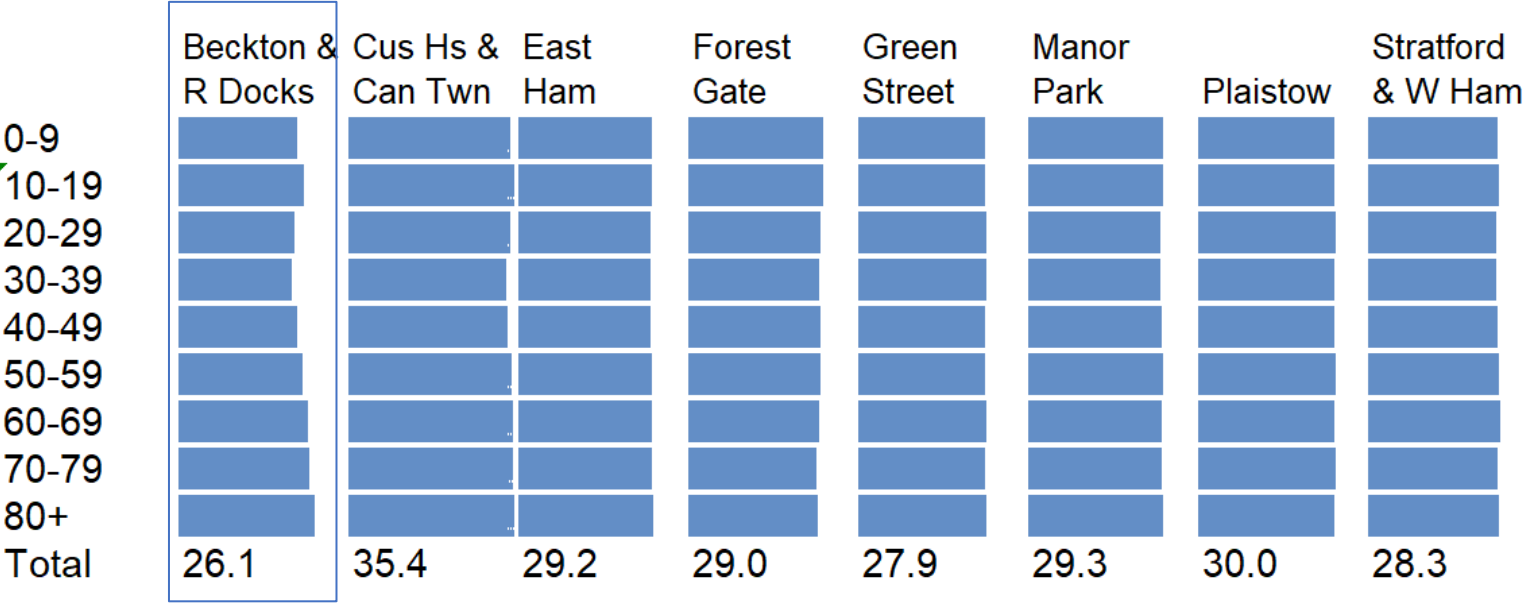


❖ Residents of Other White and Black African ethnicity make up the largest groups in Beckton and Royal Docks

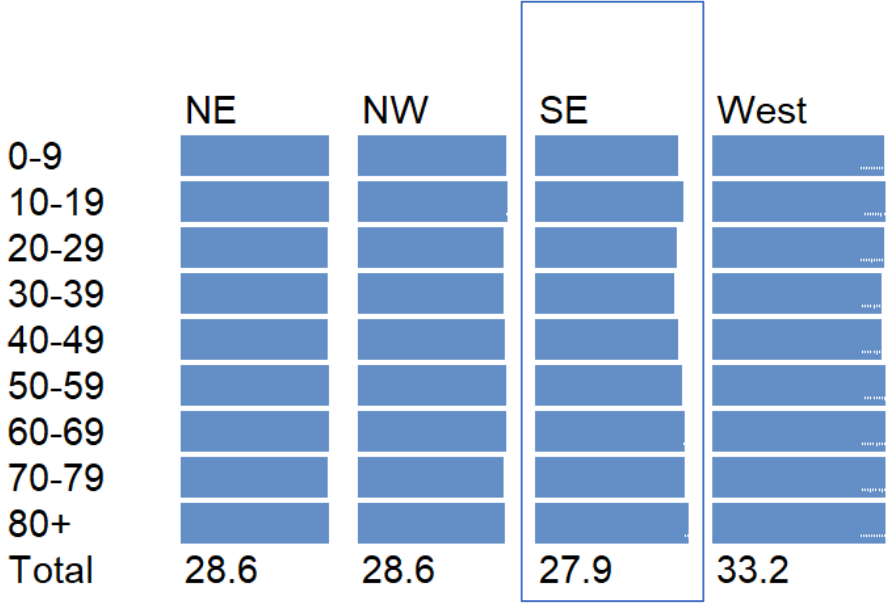
Deprivation (average IMD score – higher score is more deprived)



Neighbourhoods



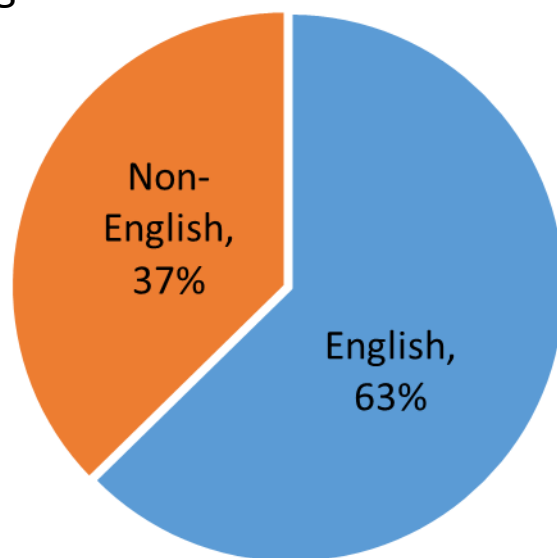
ASC Localities



- ❖ Beckton and RD has the lowest average IMD score across all 8 neighbourhoods at 26.1
- ❖ 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.



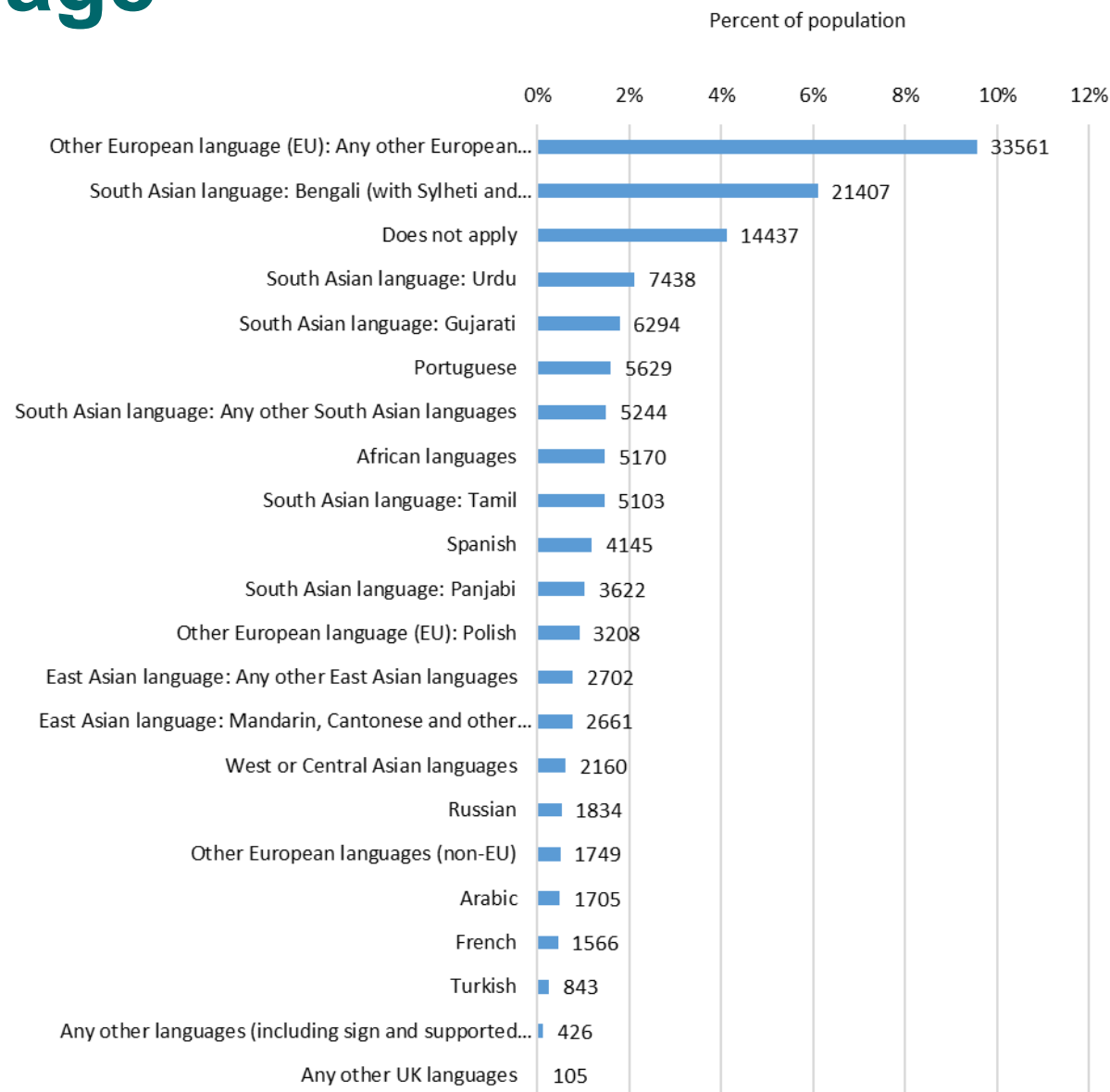
newham.gov.uk

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.

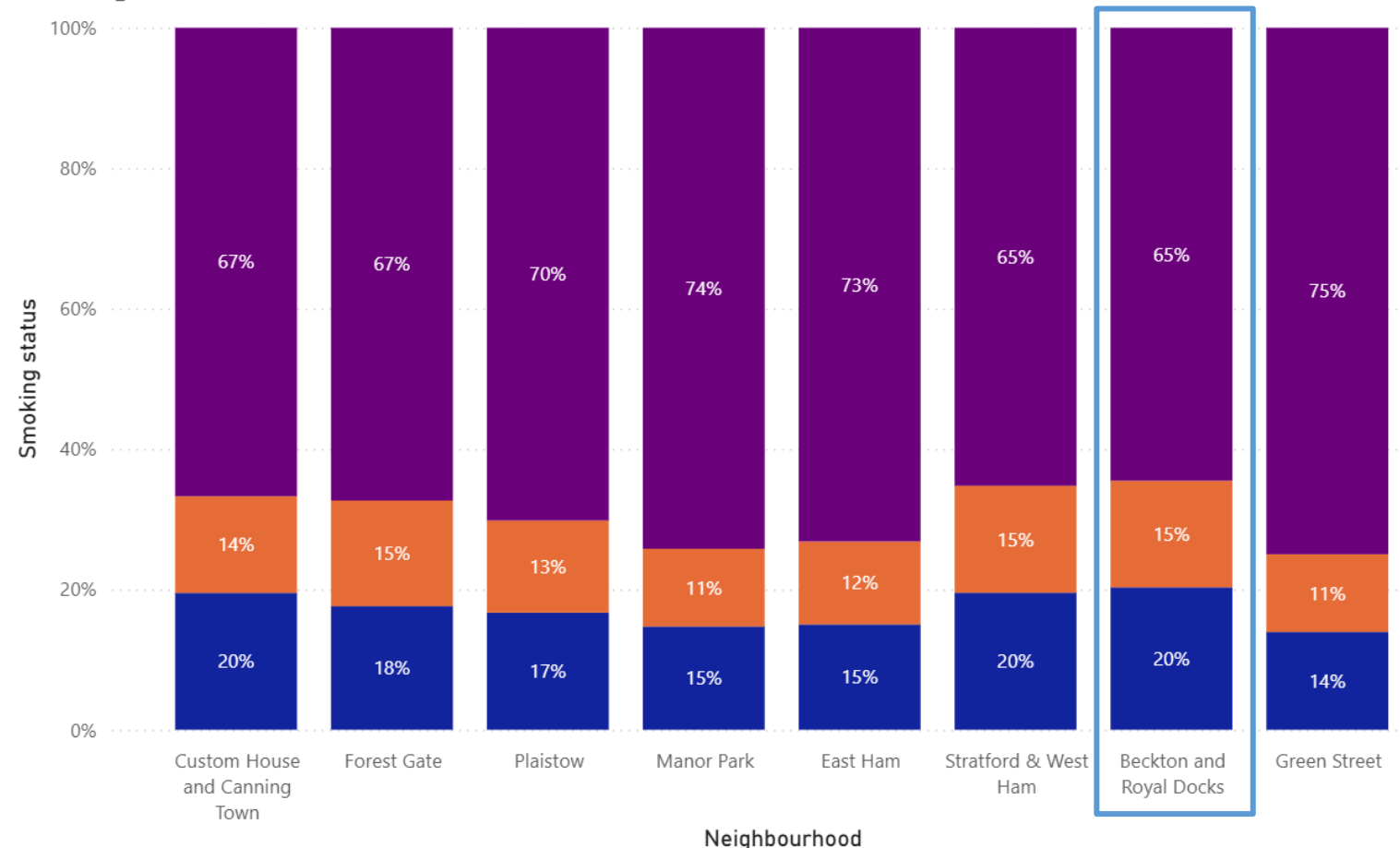
❖ Age, sex and deprivation show little variation.

Health Behaviours

Health Behaviours - Smoking

Smoking status of Newham residents by smoking status and neighbourhood

SMOKING_STATUS ● Current Smoker ● Ex-Smoker ● Never Smoked



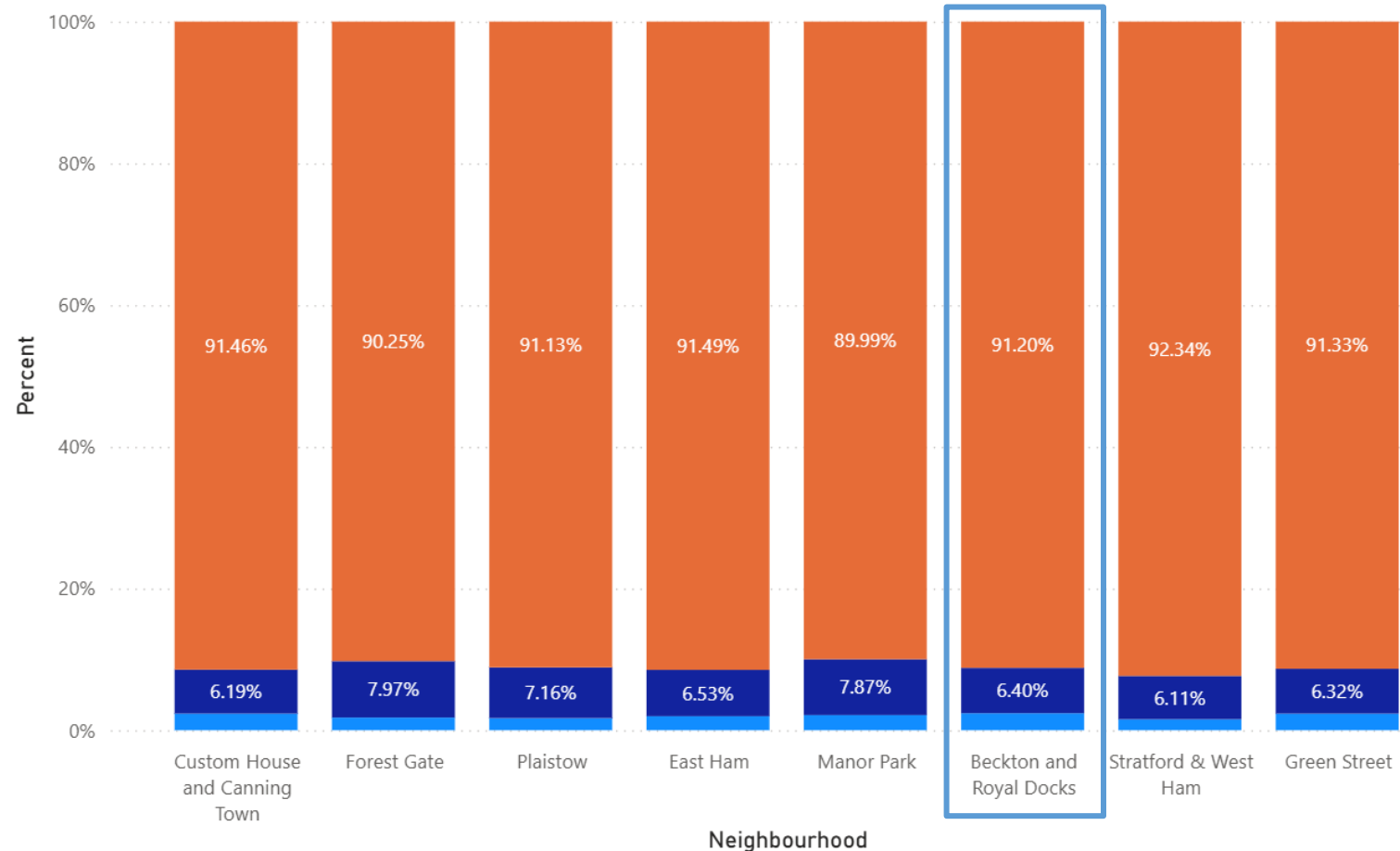
❖ Approximately 2 in 3 Beckton & RD residents have never smoked

❖ The neighbourhood has a relatively high percent of current smokers (compared to rest of Newham) – at 20%.

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

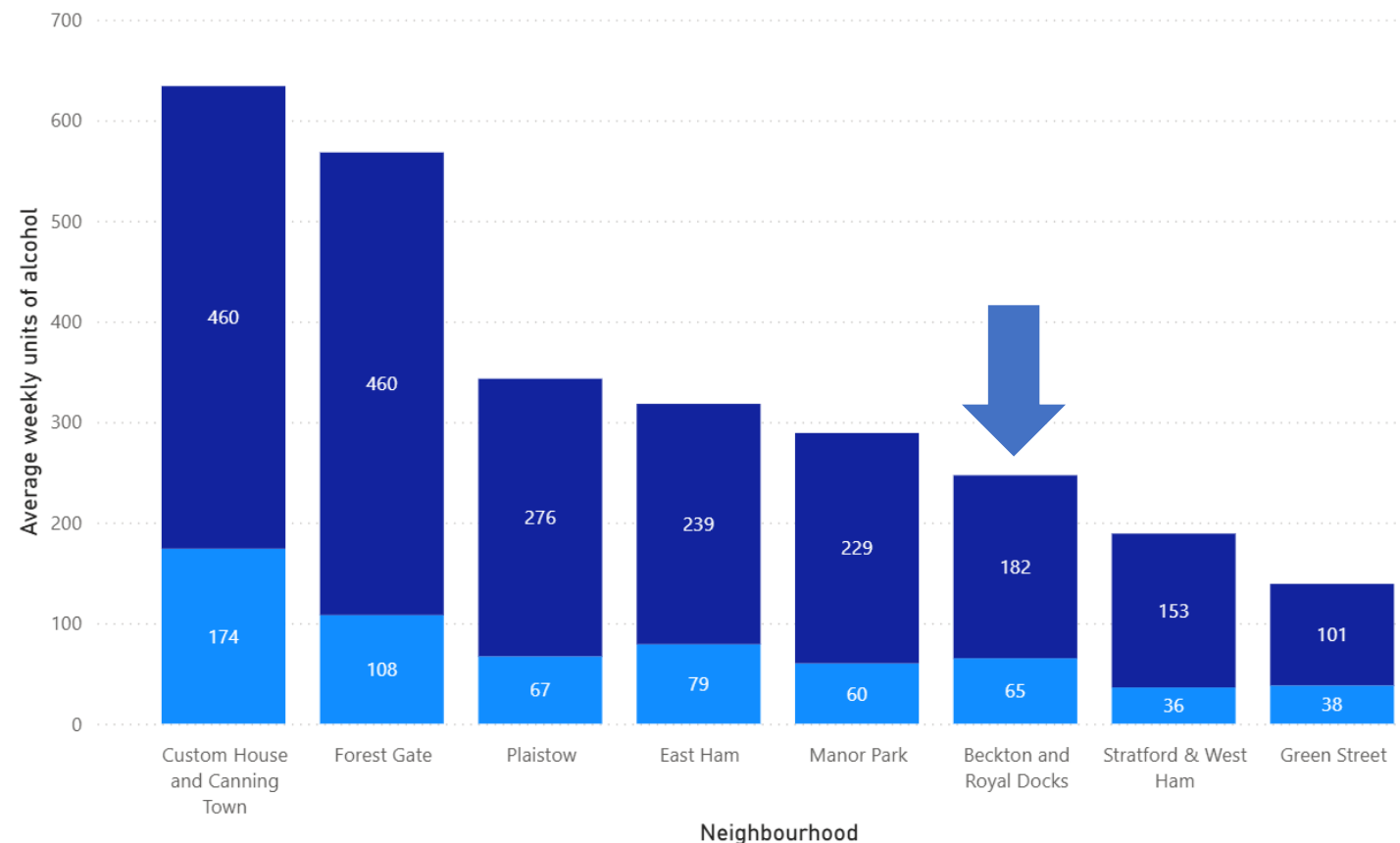


- ❖ Among people who drink alcohol in Beckton and Royal Docks, 8.8% are considered 'increasing' or 'higher' risk drinkers (drinking more than 15 units per week).

Health Behaviours – Alcohol

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

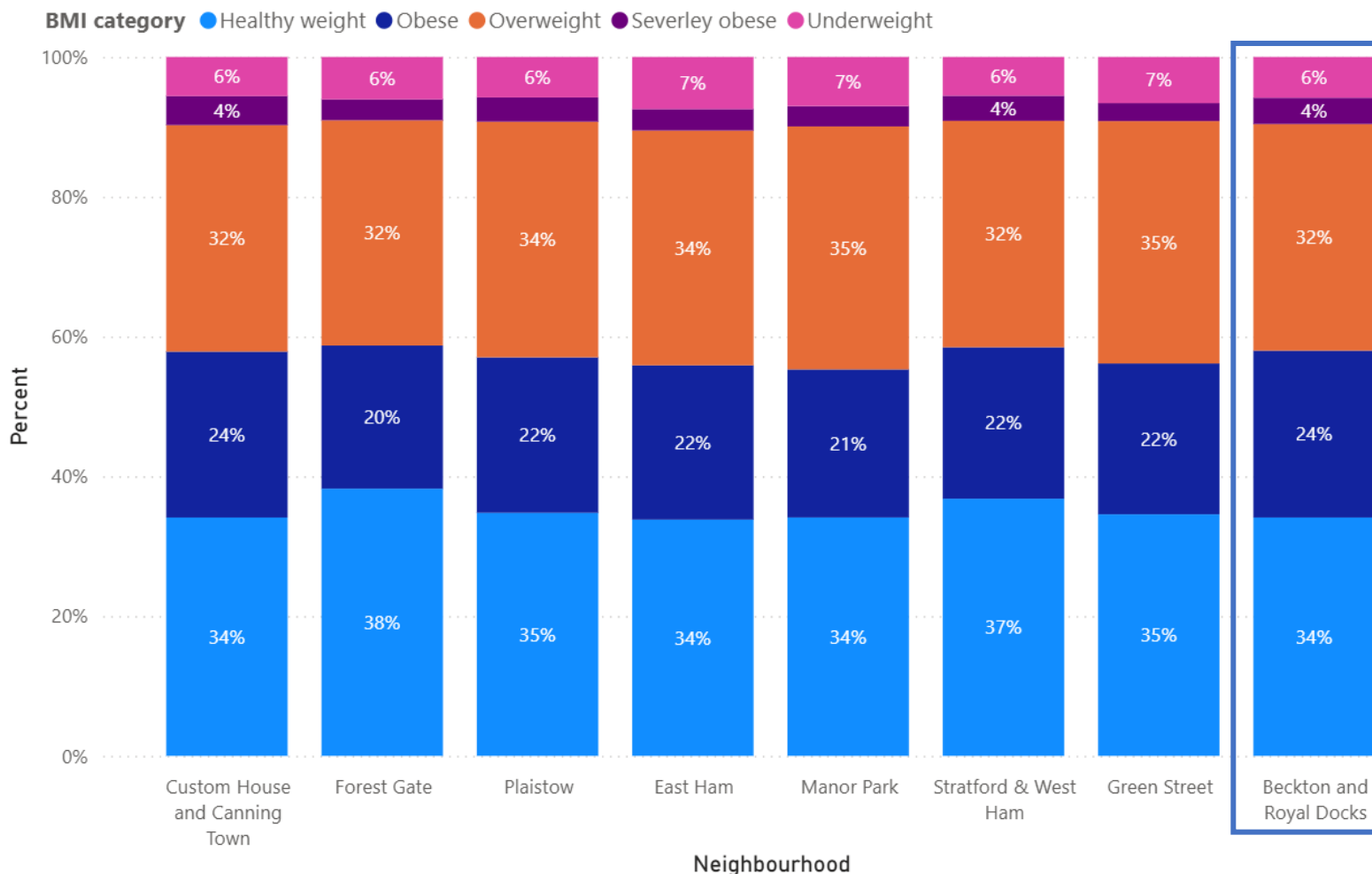
Alcohol status ● Higher risk ● Increasing risk



- ❖ There are 182 people in East Ham considered to be at 'increasing' risk of harm due to alcohol (>15 units per week).
- ❖ There are an additional 65 people considered 'higher' risk (>35 units per week)

Health Behaviours - Obesity

BMI category of Newham residents by neighbourhood

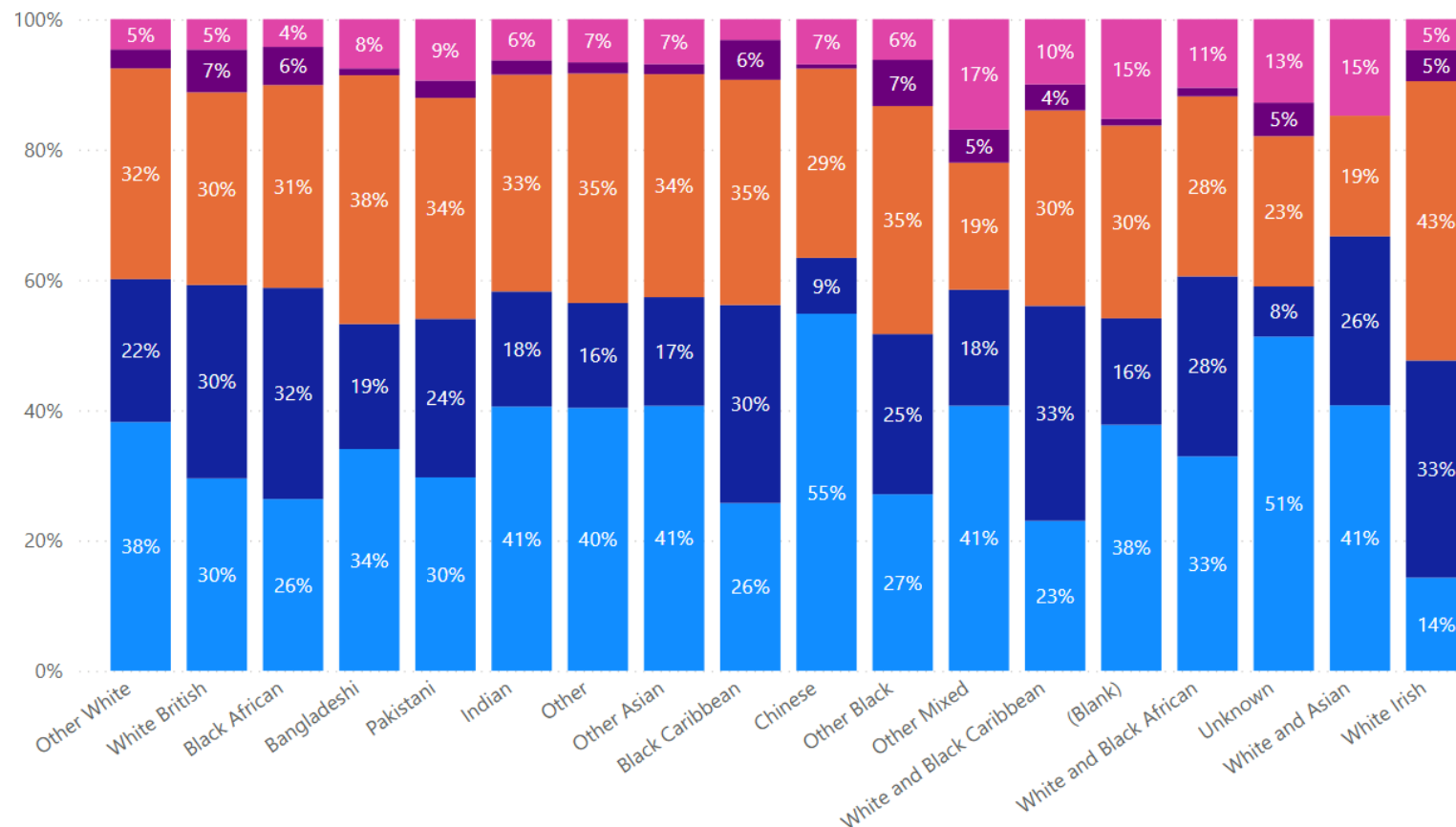


❖ Approximately 6 in 10 Beckton and Royal Docks residents are considered overweight or obese.

Health Behaviours - Obesity

BMI category of Beckton and Royal Docks residents by ethnic group

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

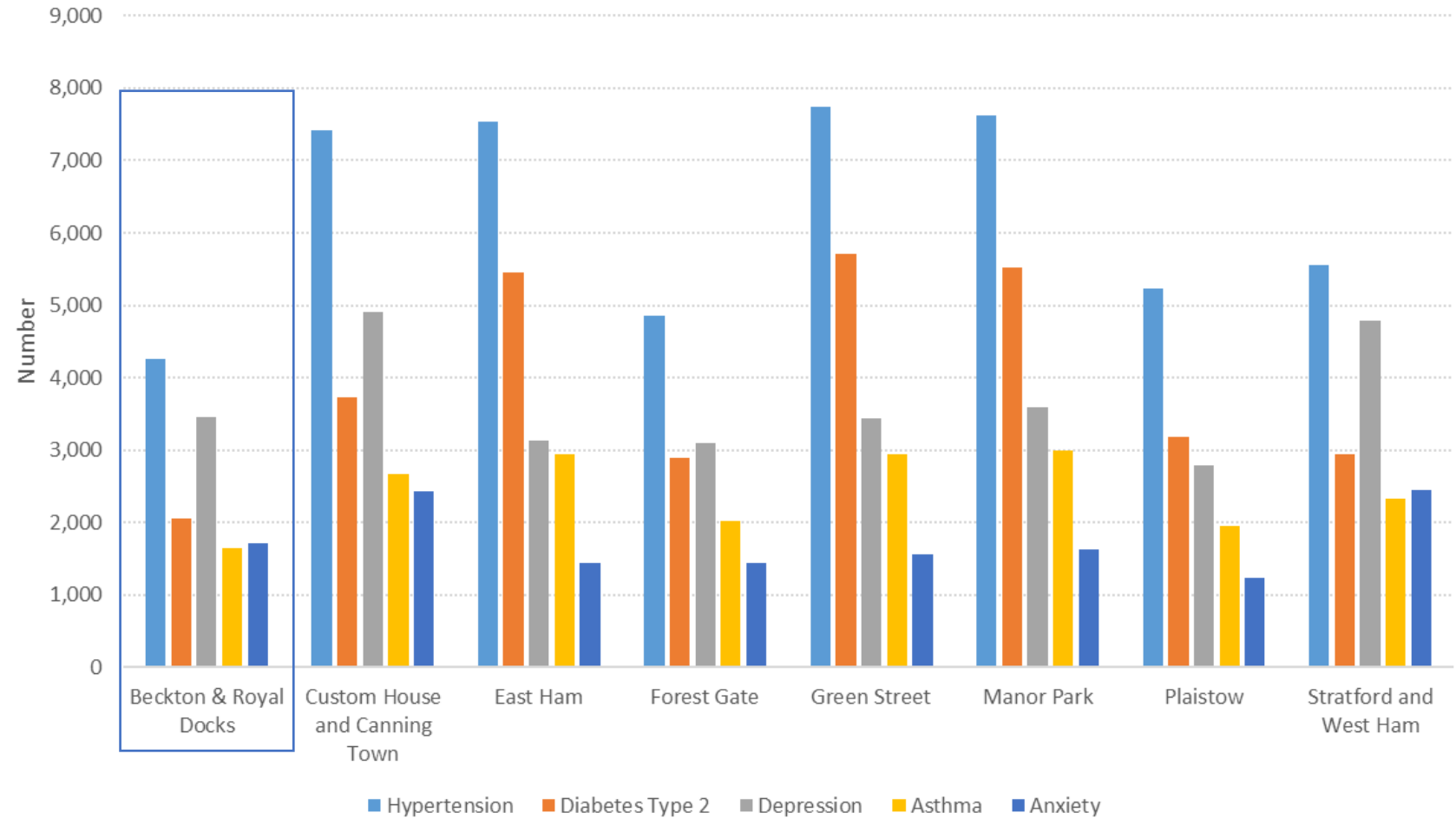


❖ Those of Black and White Irish ethnic origin are more likely to be overweight or obese.

Long Term Conditions

Top 5 Long Term Conditions

Top 5 long term conditions by neighbourhood - 2024 snapshot prevalence

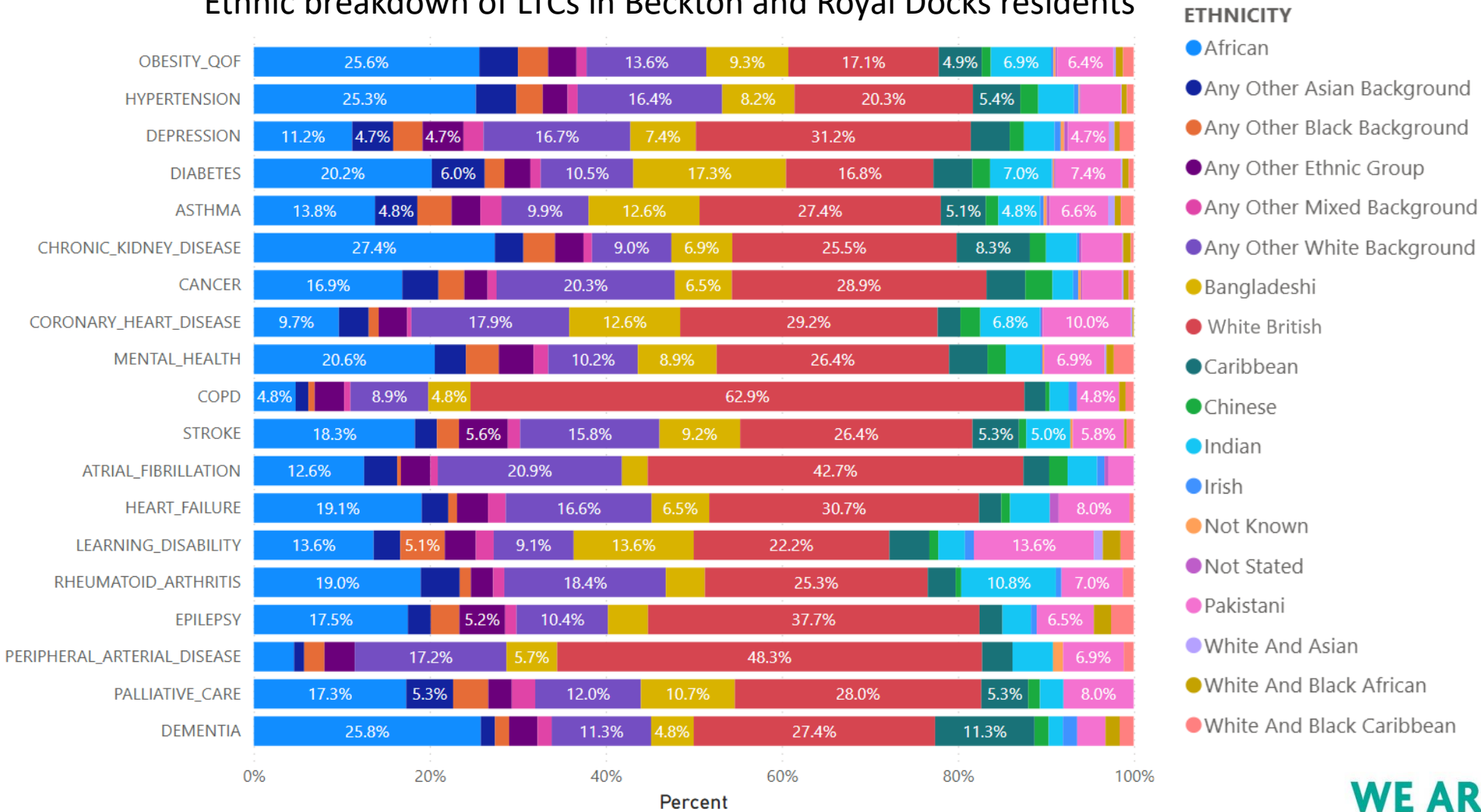


- Beckton and Royal Docks has a relatively high prevalence of Depression compared to other Newham neighbourhoods.

LTCs ethnic breakdown



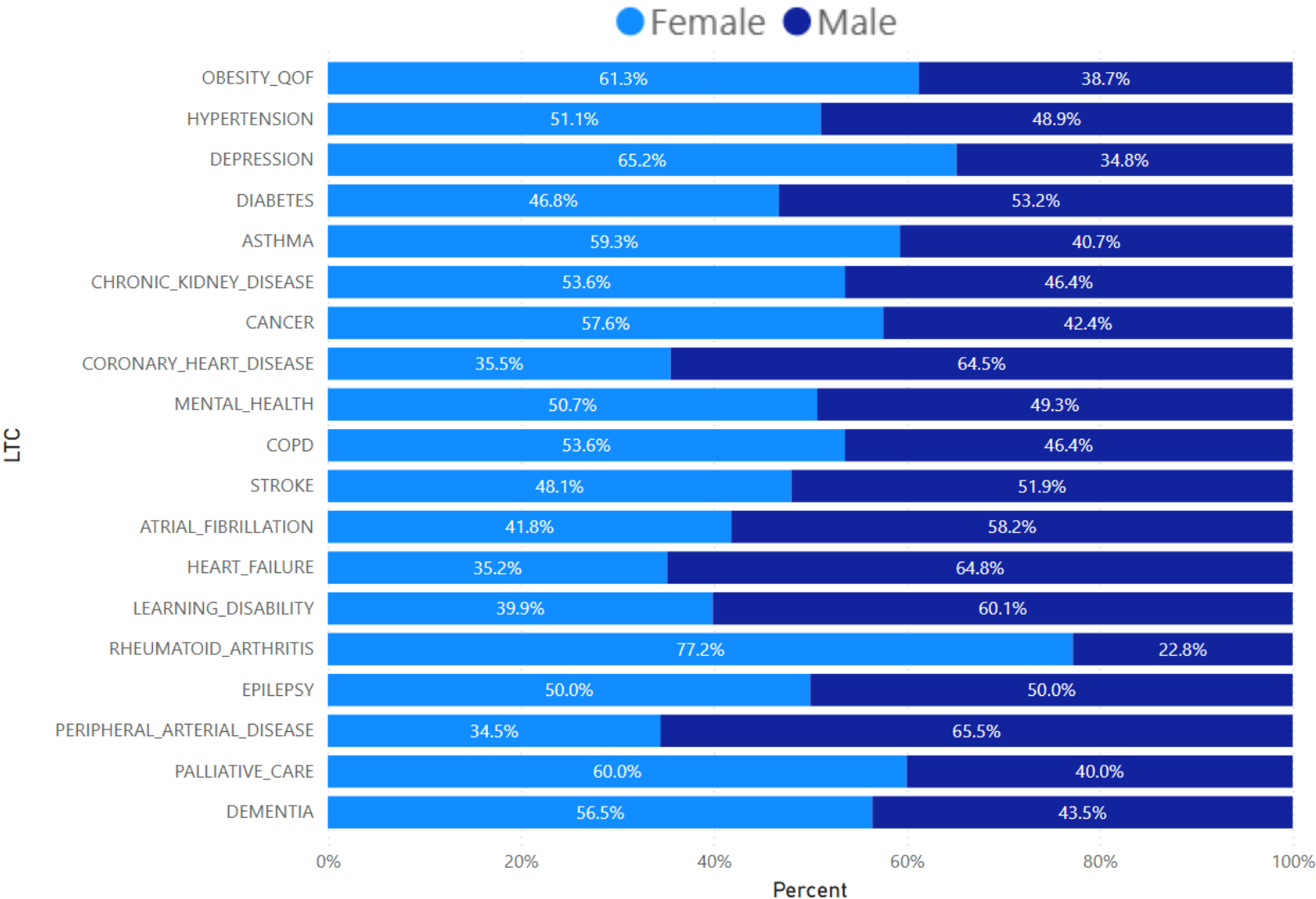
Ethnic breakdown of LTCs in Beckton and Royal Docks residents



LTCs gender breakdown



Gender breakdown of LTCs in Beckton and Royal Docks 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 Beckton and Royal Docks

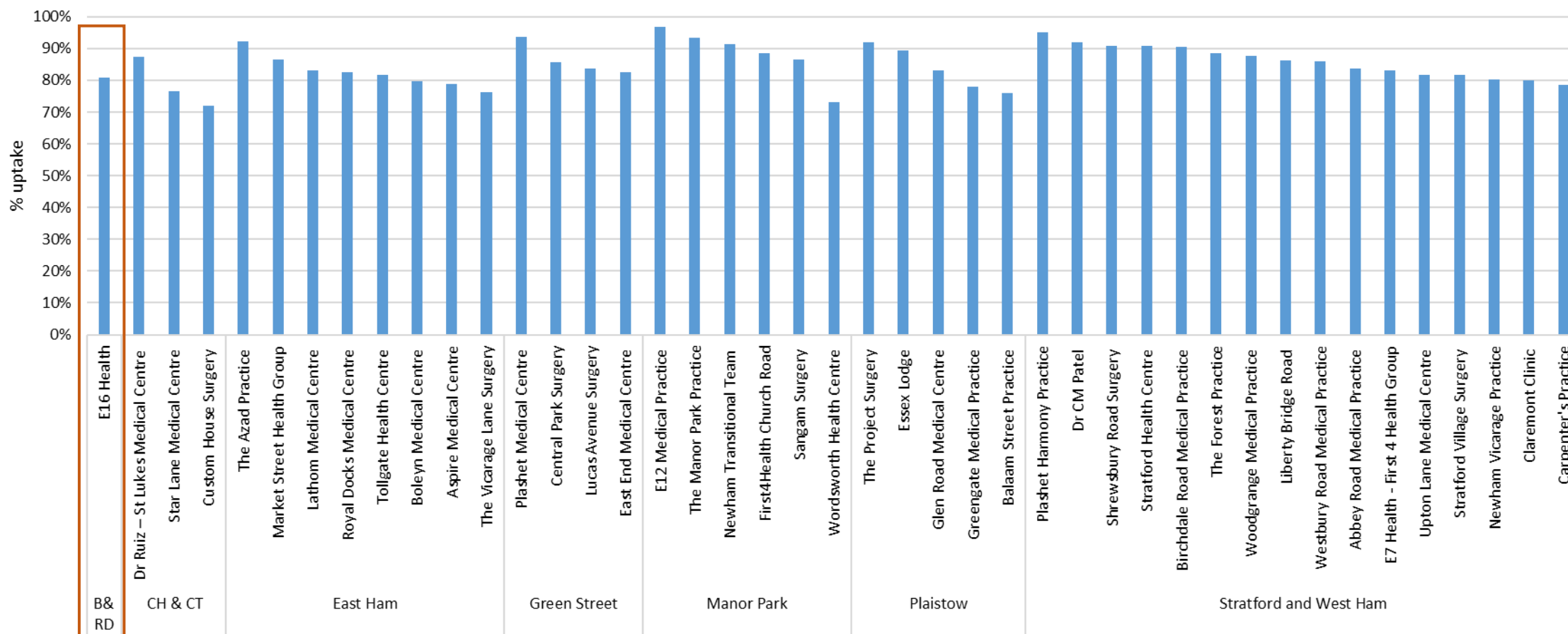
MMR uptake (24 months) by neighbourhood, 2024

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

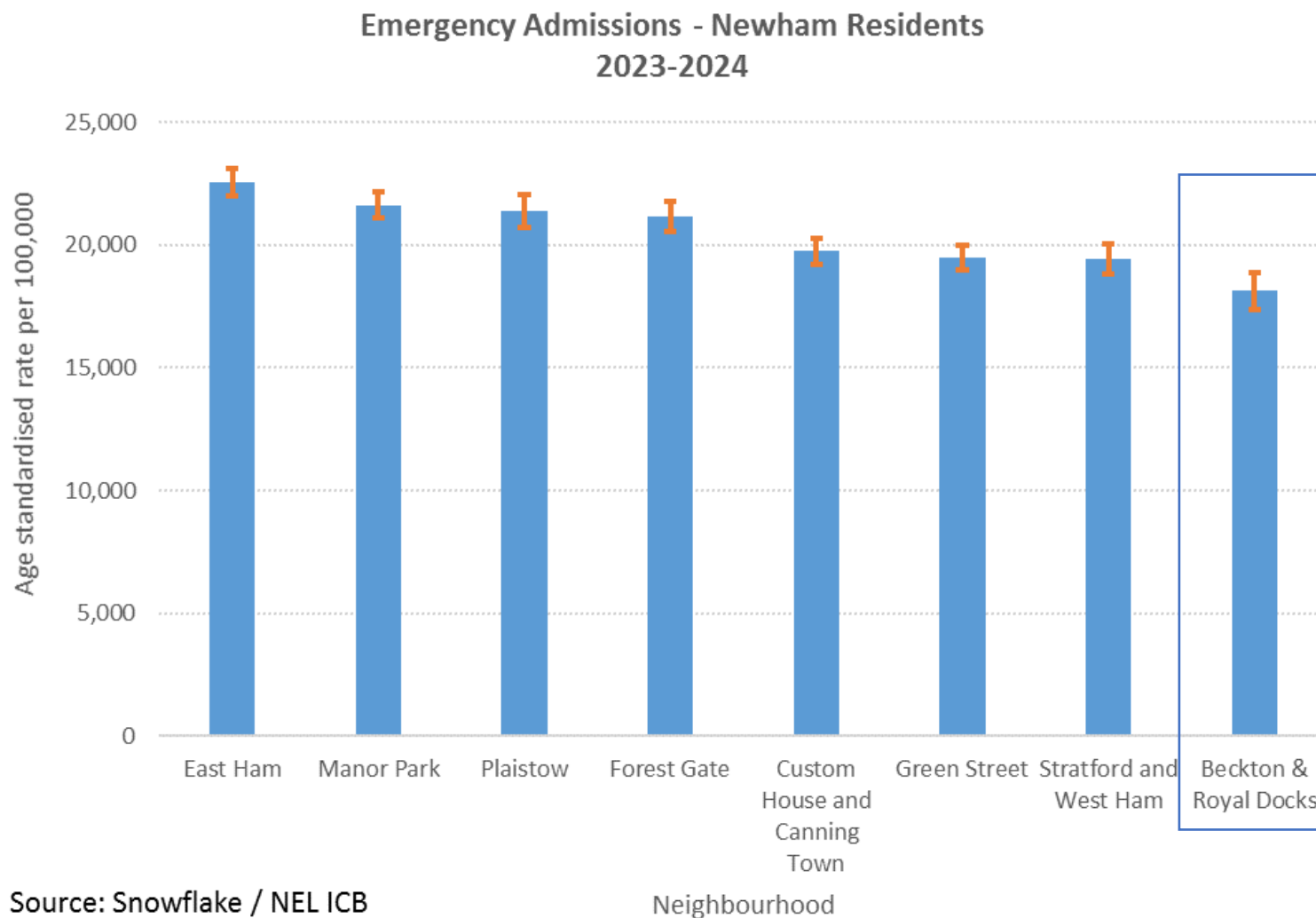
MMR uptake variation by GP practice in neighbourhoods

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



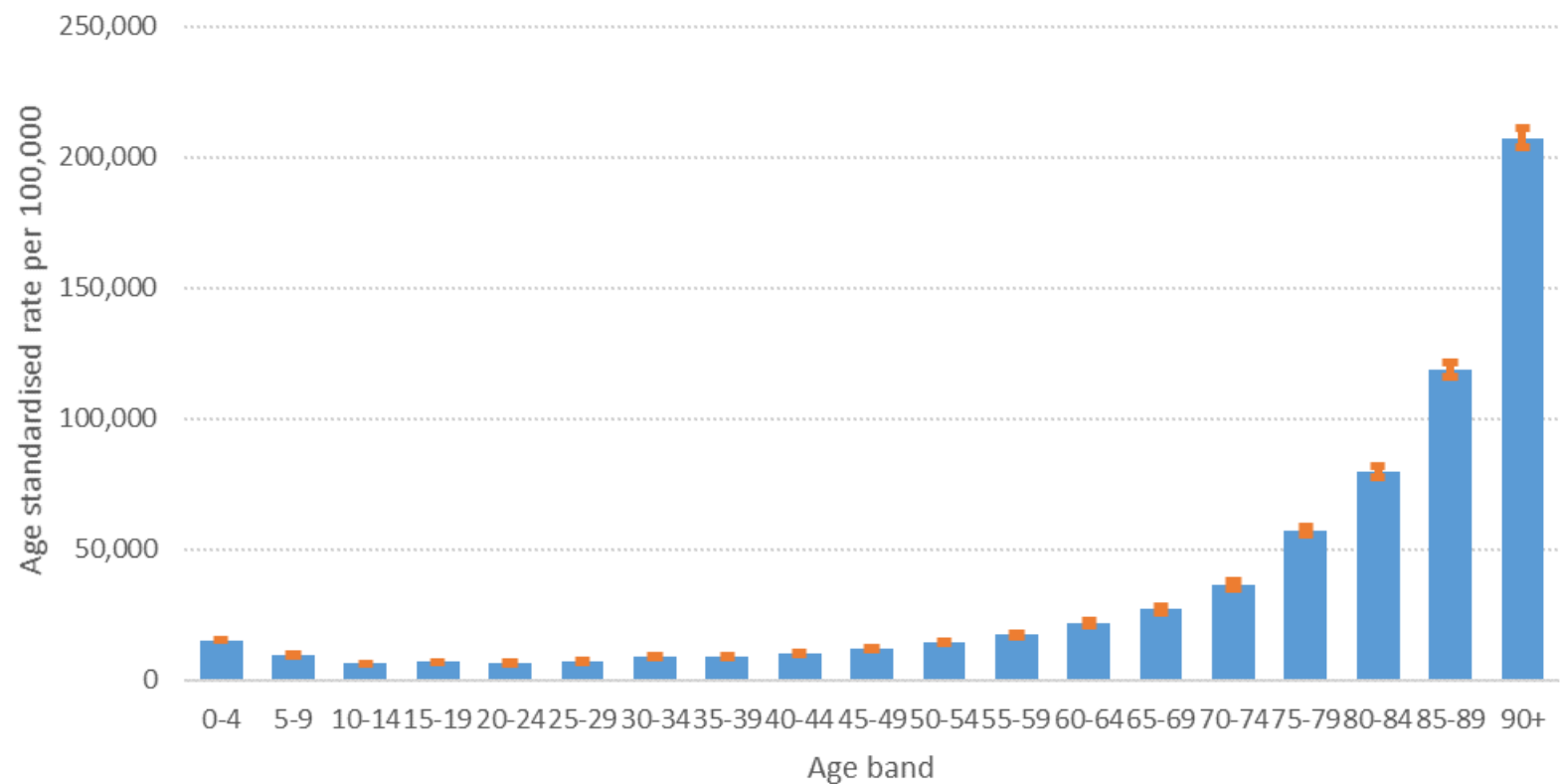
Emergency Hospital Admissions

Emergency hospital admissions by neighbourhood



Emergency hospital admissions by age band

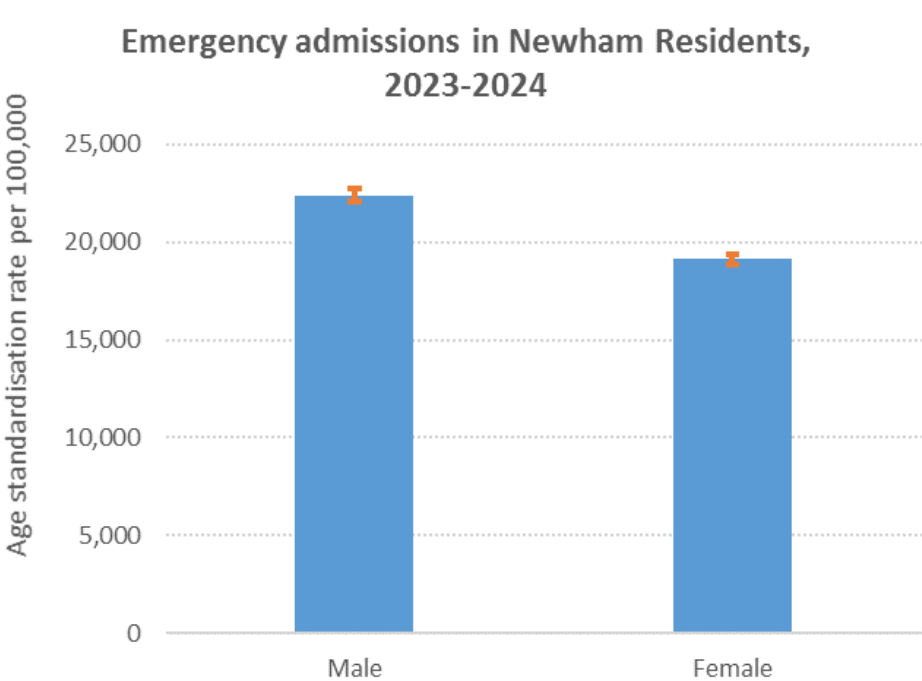
Emergency admissions in Newham residents, 2023-2024



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

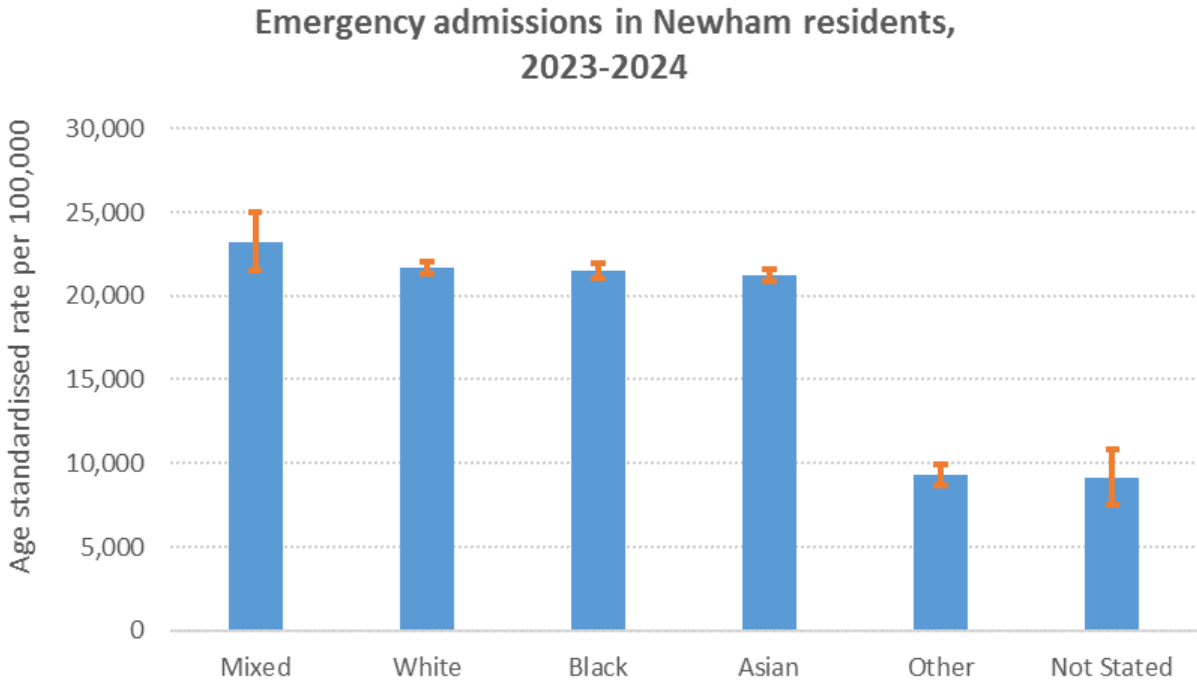
Source: Snowflake / NEL ICB

Emergency hospital admissions by gender and ethnicity



Source: Snowflake / NEL ICB

Gender

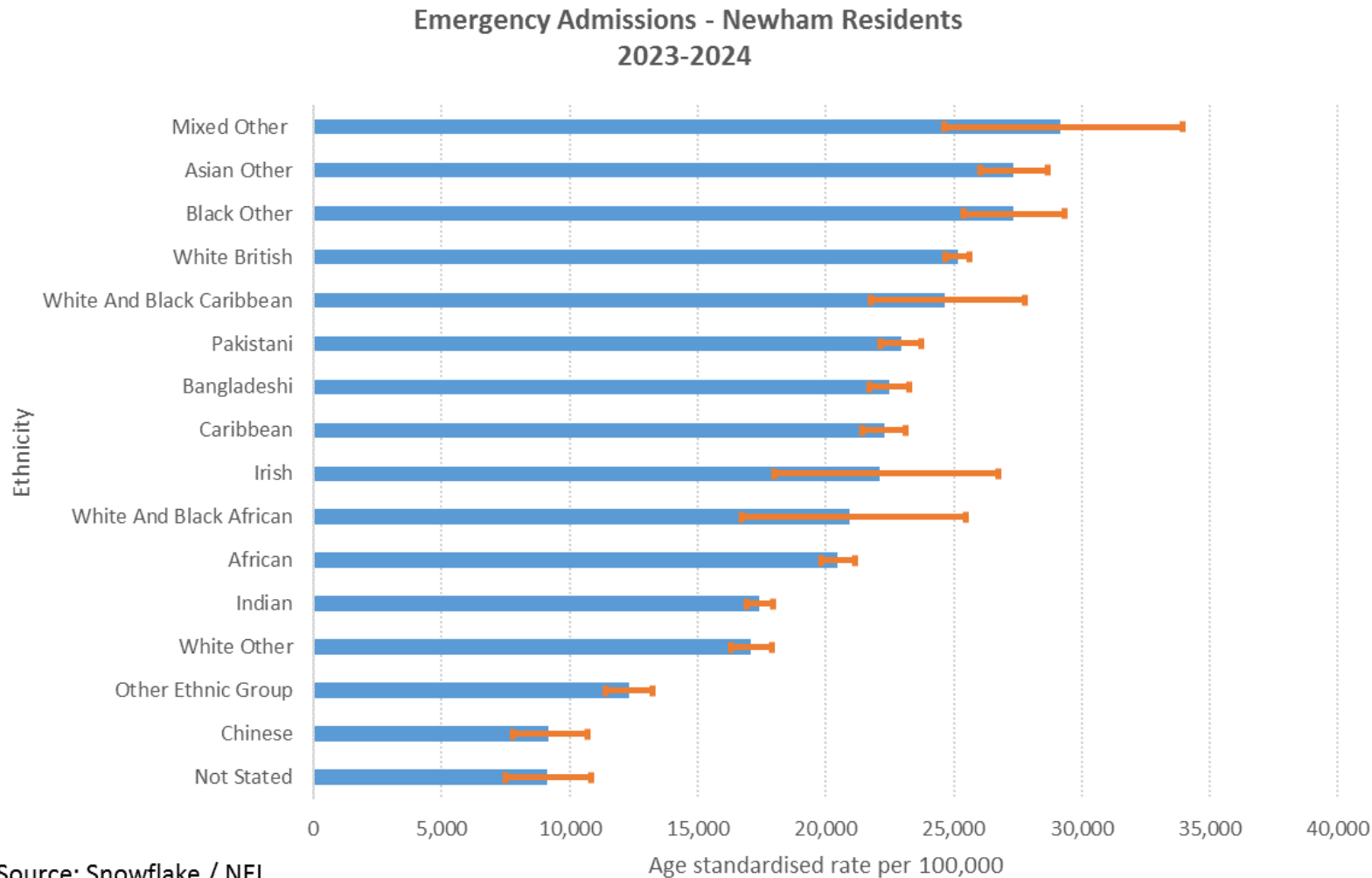


Source: Snowflake / NEL ICB

Broad Ethnicity

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

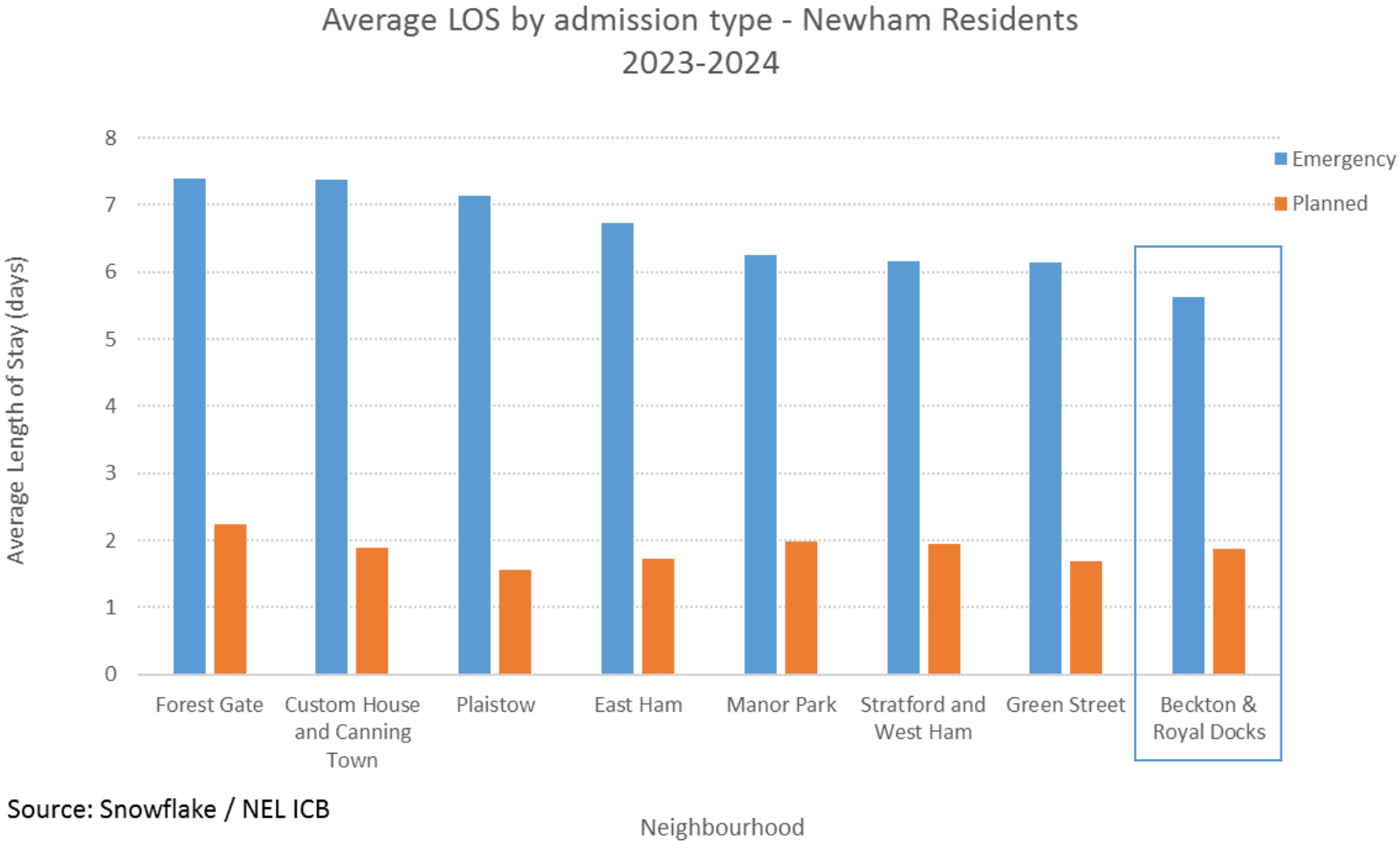
Emergency hospital admissions by detailed ethnicity



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

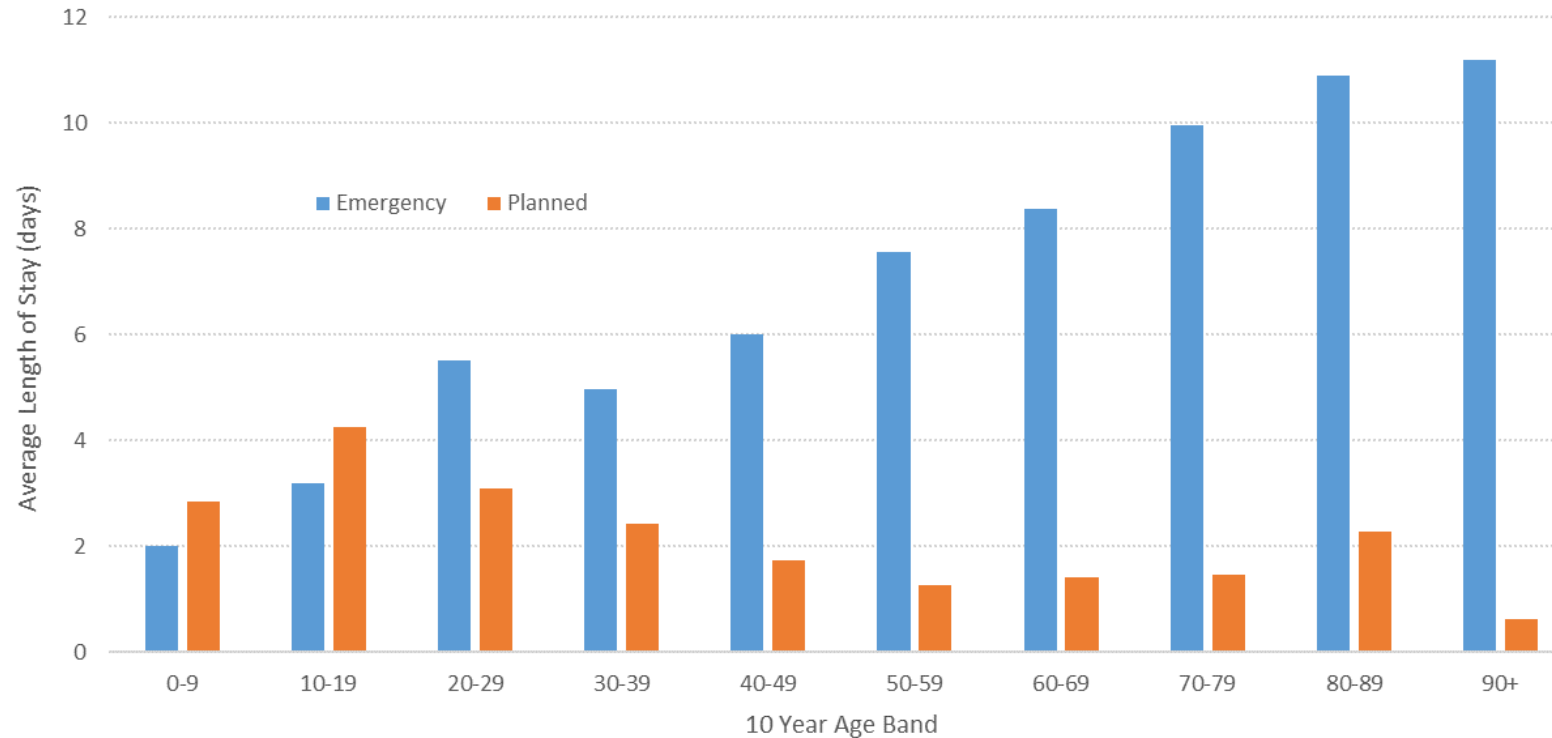
Hospital admissions – average length of stay

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

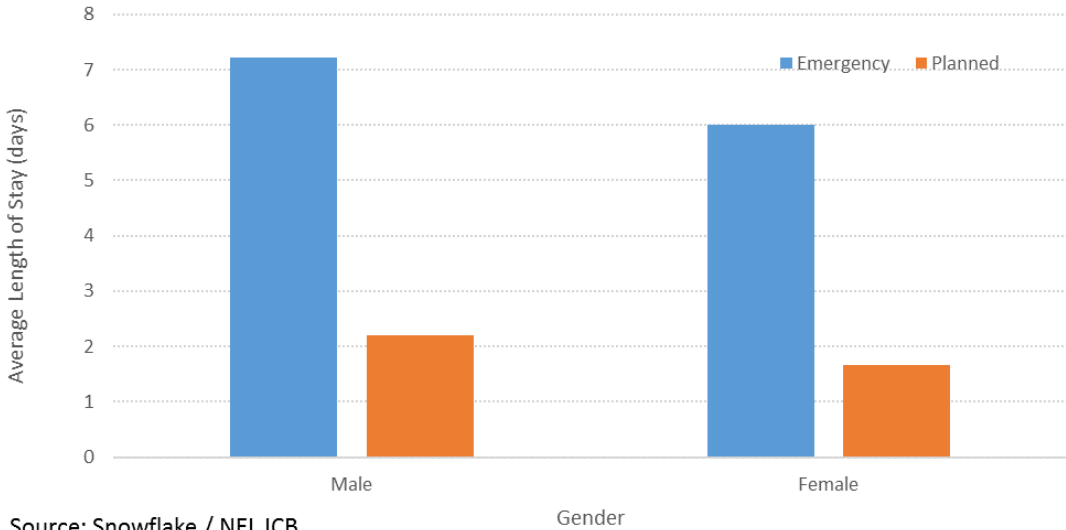
Source: Snowflake / NEL ICB

Average length of stay by admission type, gender and ethnicity



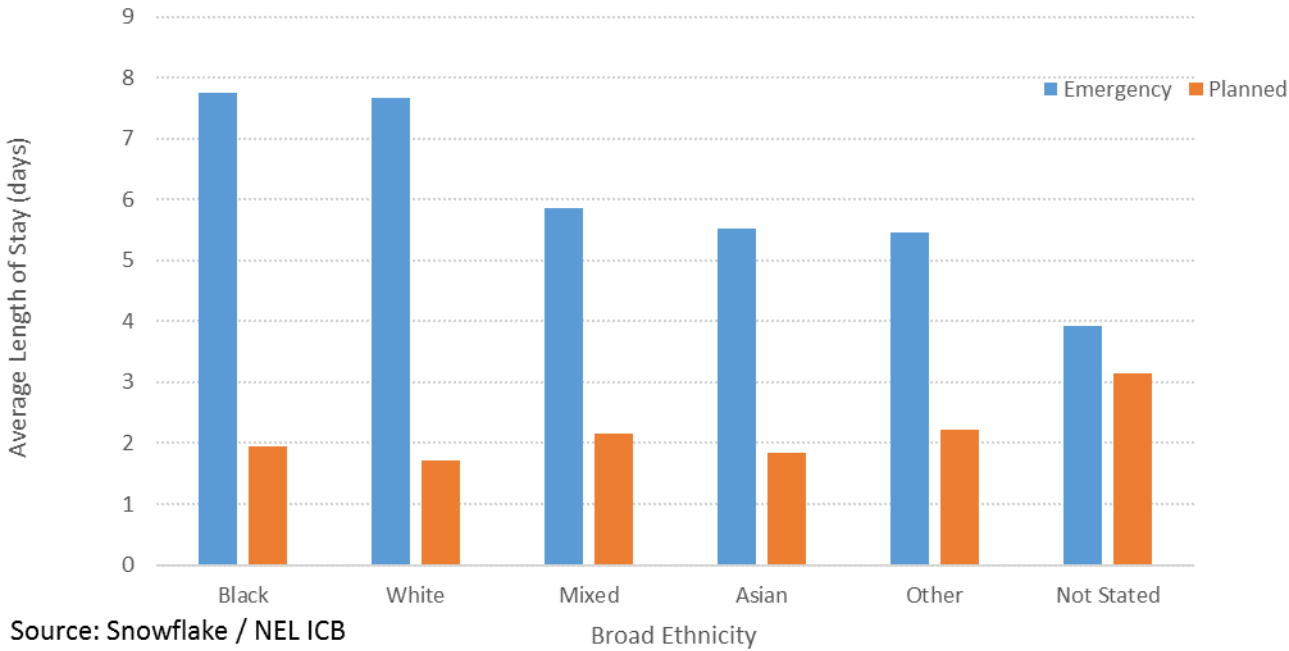
These graphs are currently showing all Newham residents just as an example

Average LOS by admission type, Newham Residents 2023-2024



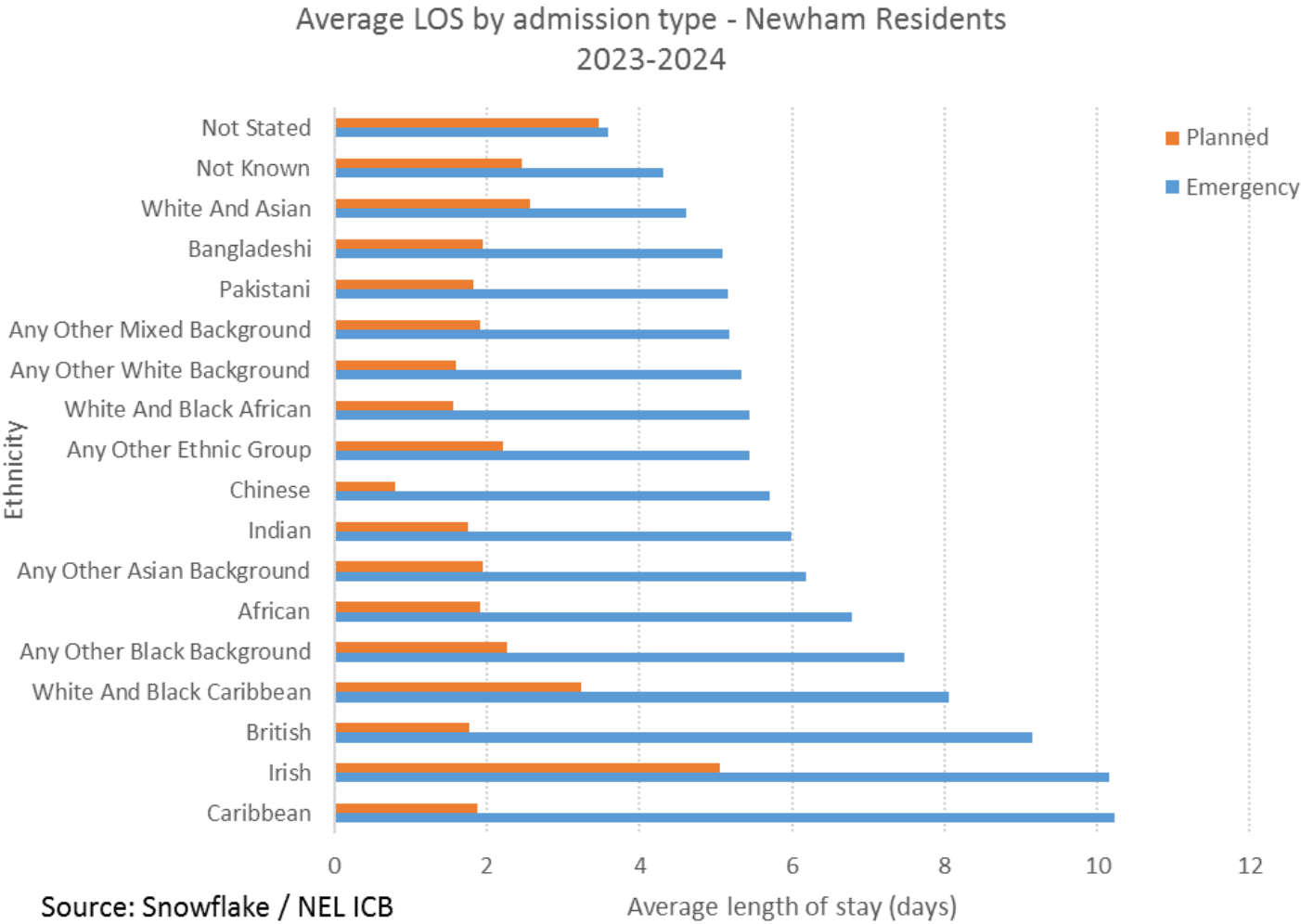
Source: Snowflake / NEL ICB

Average LOS by admission type - Newham Residents 2023-2024



Source: Snowflake / NEL ICB

Average length of stay by admission type and detailed ethnicity



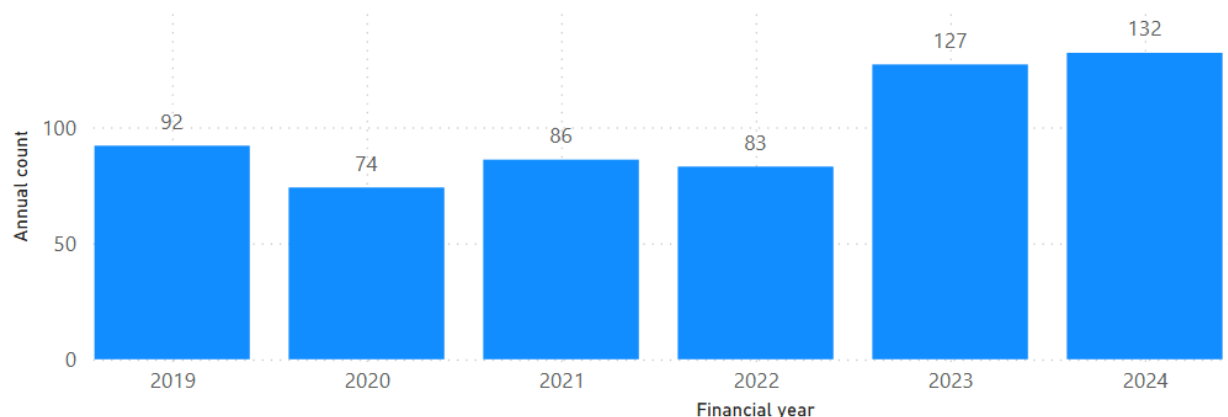
This graph is currently showing all Newham residents just as an example

Avoidable hospital admissions

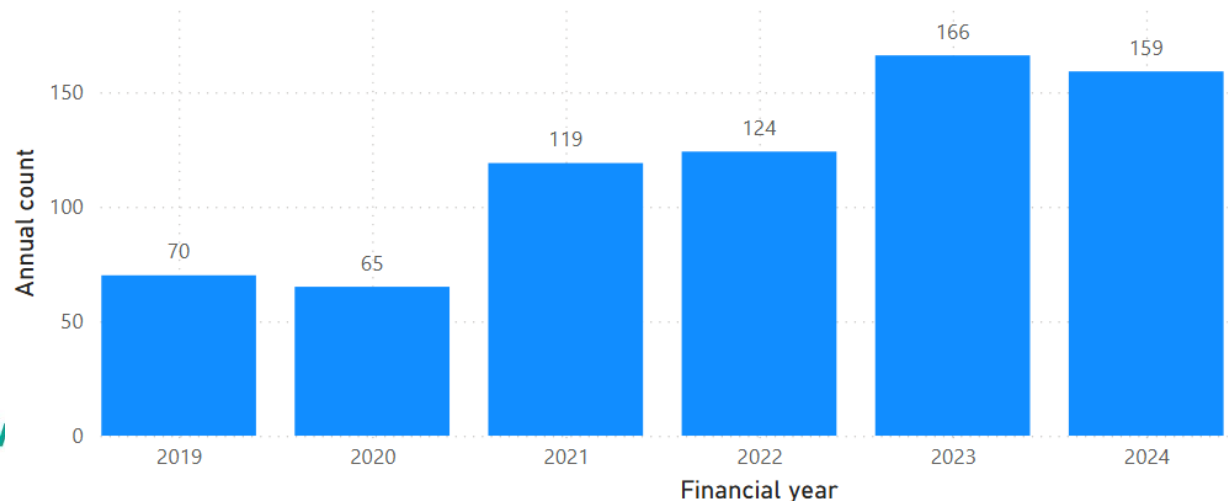
Avoidable Hospital Admissions

Avoidable hospital admissions among Beckton & RD residents, by avoidable hospital admission type

Acute Conditions annual admissions count trend



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.

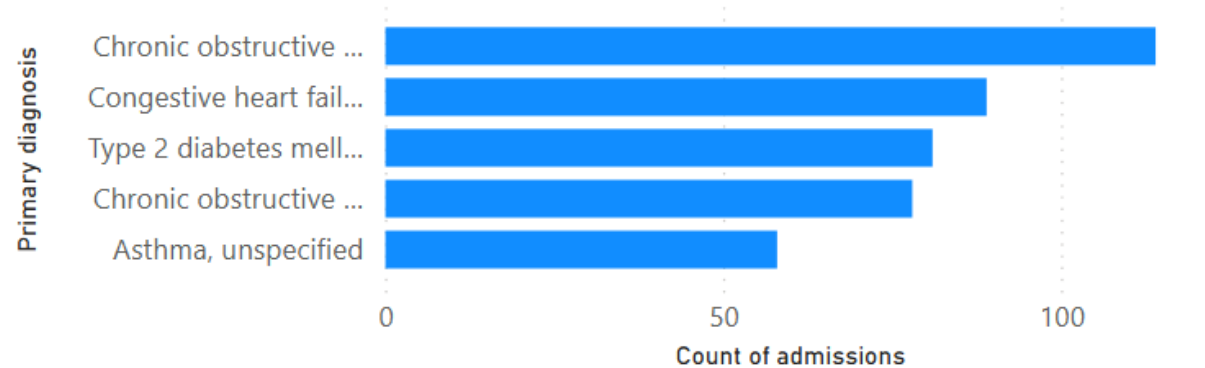
❖ In 2024, there were over 280 avoidable hospital admissions among Beckton & RD residents.

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

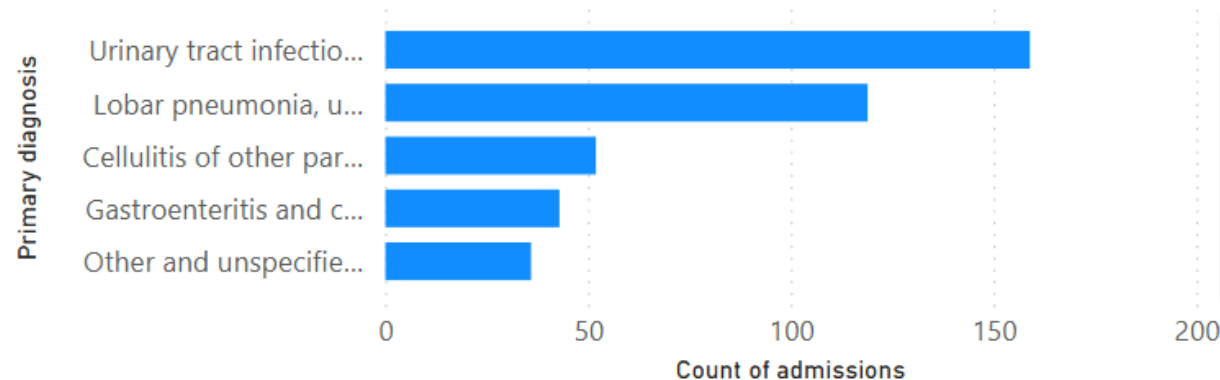
Avoidable Hospital Admissions

Avoidable hospital admissions among Beckton and Royal Docks 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.

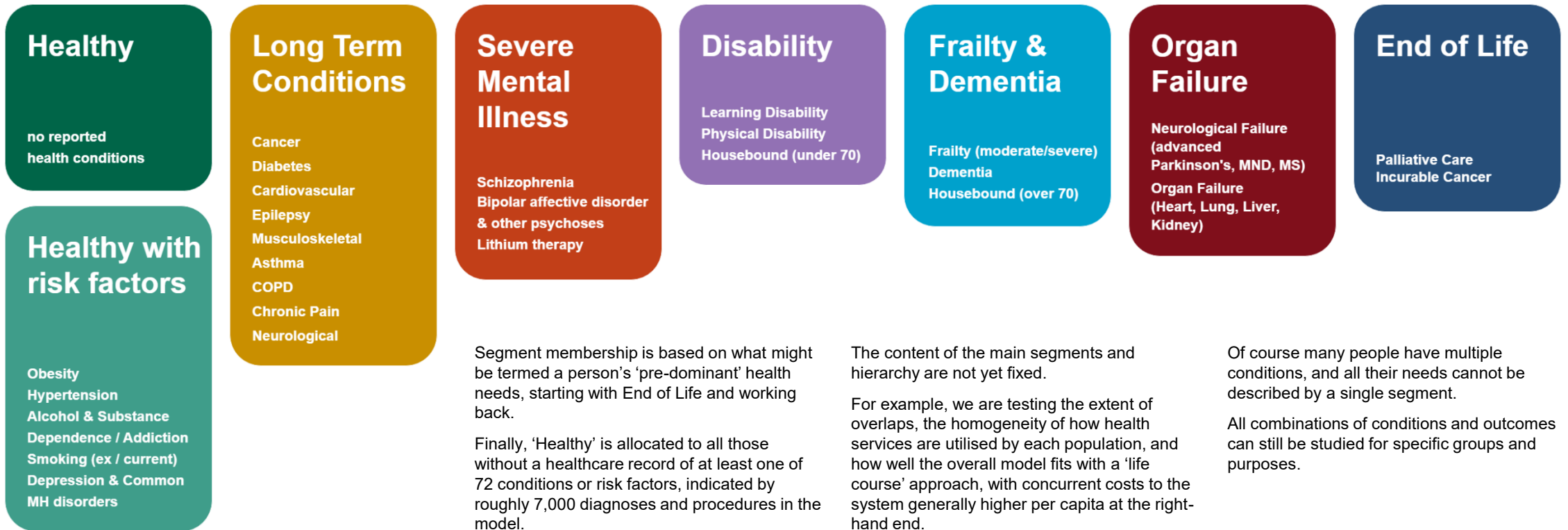
We use the ICB's rich data sources to study people's healthcare records across all parts of the healthcare system, covering 70+ conditions, indicated by over 7,000 diagnoses and procedures in the model.

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

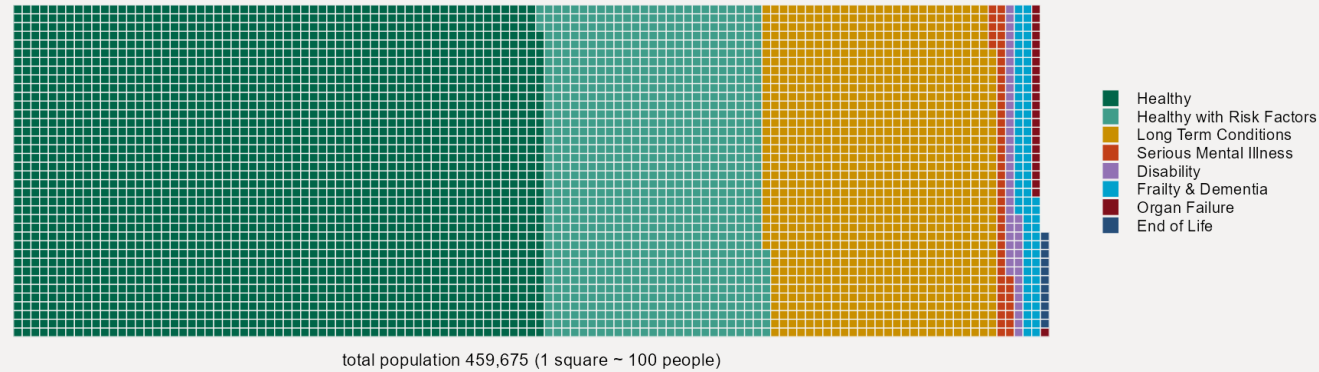
specific to each segment's unique needs.

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)

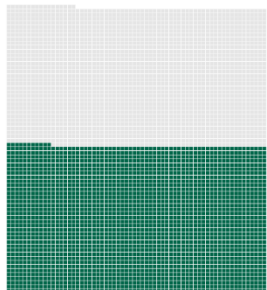


All 459,000+ people registered with a Newham GP practice are each assigned exclusively to a **single** main segment.

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

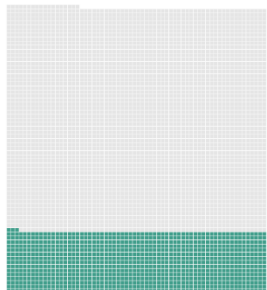
This means that whether we want to look at the population at Place, Primary Care Network, practice or neighbourhood level geographically, how we describe, benchmark, and monitor the level of healthcare need and cost is consistent throughout.

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



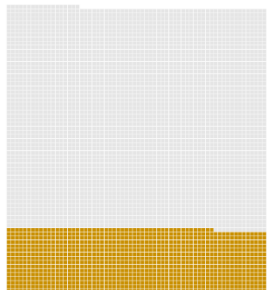
1 square ~ 100 people in NEW

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



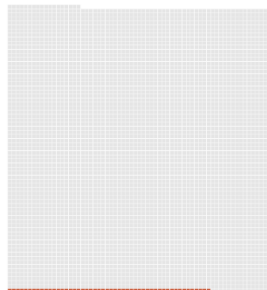
1 square ~ 100 people in NEW

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



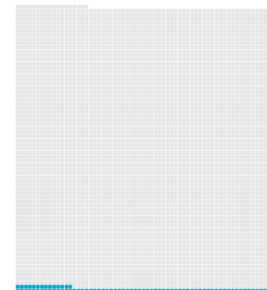
1 square ~ 100 people in NEW

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



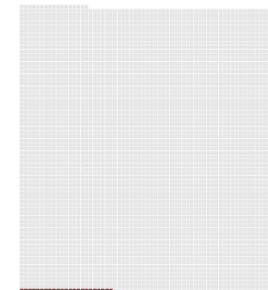
1 square ~ 100 people in NEW

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



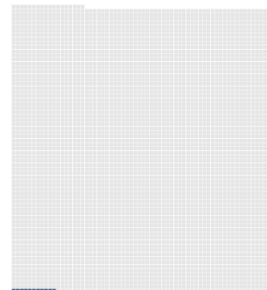
1 square ~ 100 people in NEW

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



1 square ~ 100 people in NEW

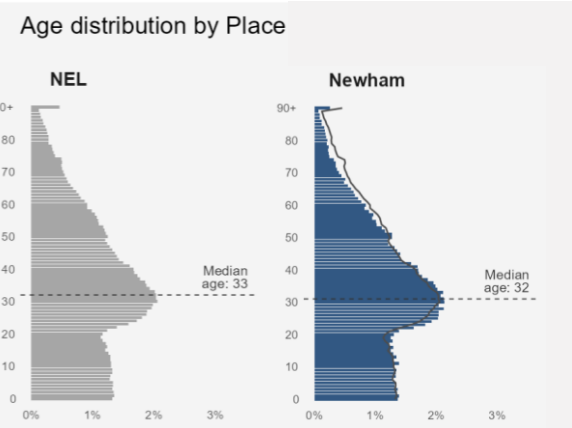
End of Life is 0.2% of the population or 1,124 people



1 square ~ 100 people in NEW

Comparing the Newham segmentation to other places in NEL

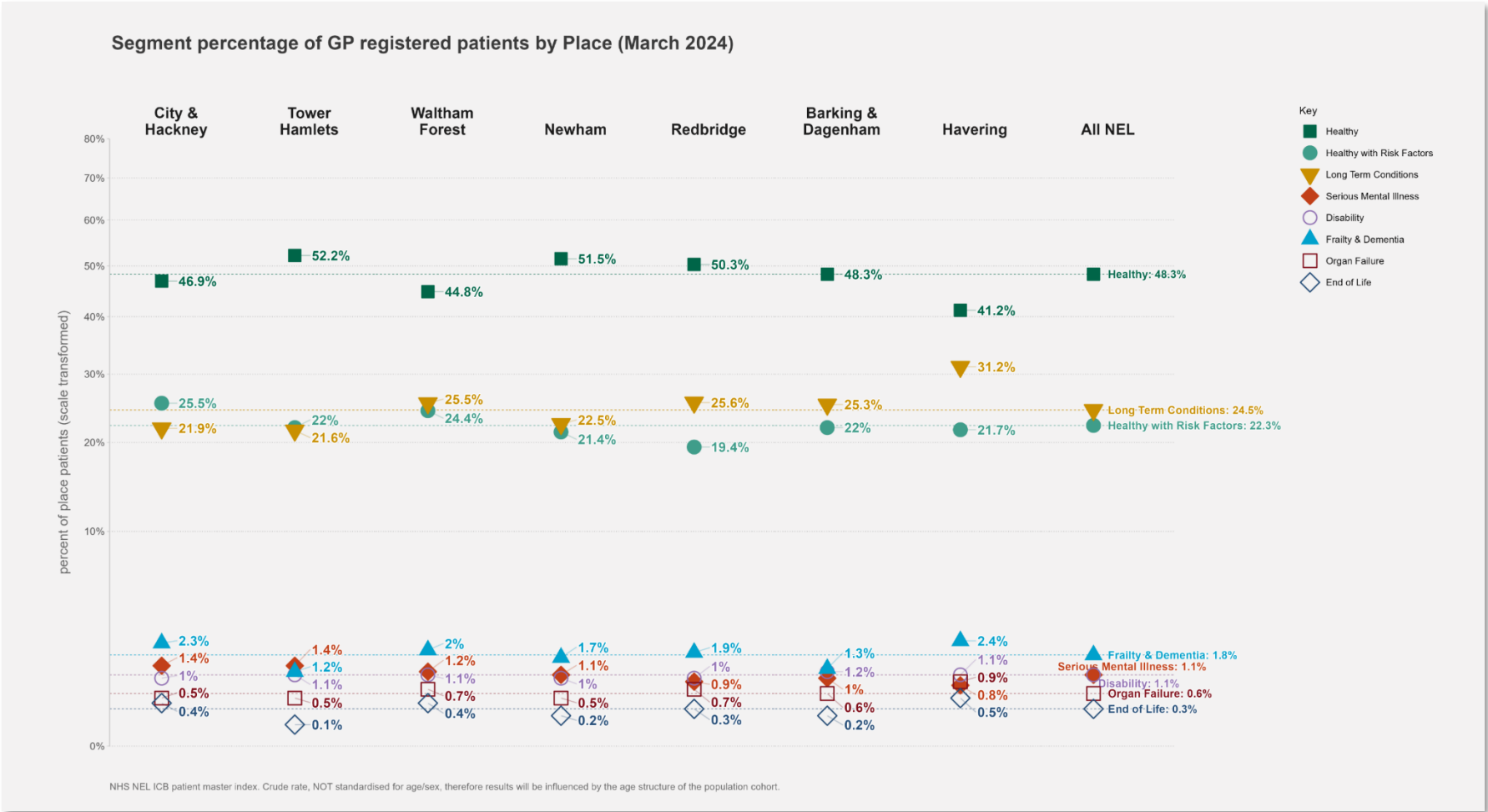
The age structure of the Newham population is relatively similar to NEL with a very similar median age, but with lower proportions of people in the older age bracket, above 50, and slightly greater proportions of people between age 20 and 30.



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

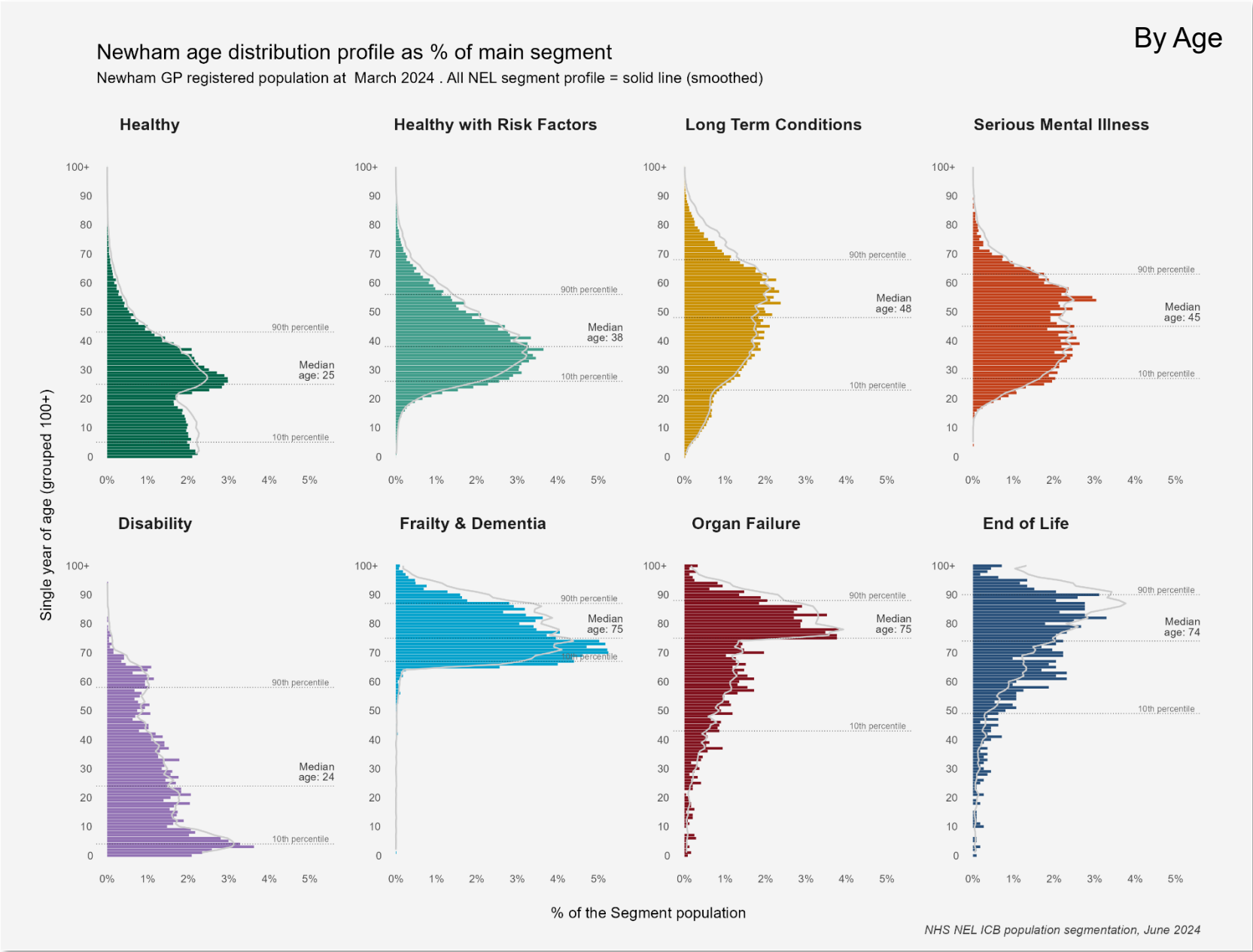
One way to look at the population is to consider how soon, or how late people are moving into segments and conditions.

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.

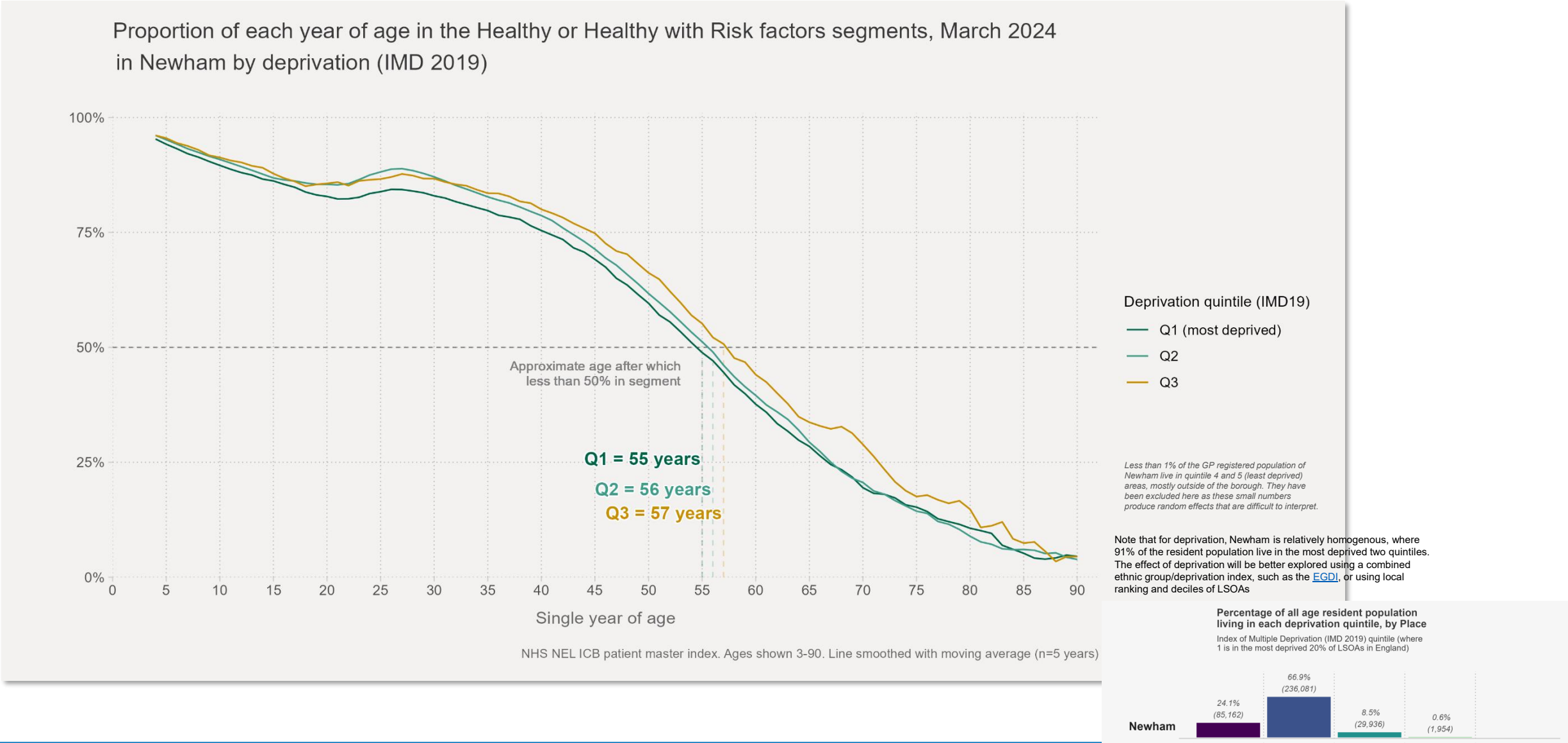
But if we compare the age distribution *within* segments, and compare to a reference (NEL in this case), we can start to see how the level of need, onset, or likelihood of being diagnosed with a condition varies.

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).

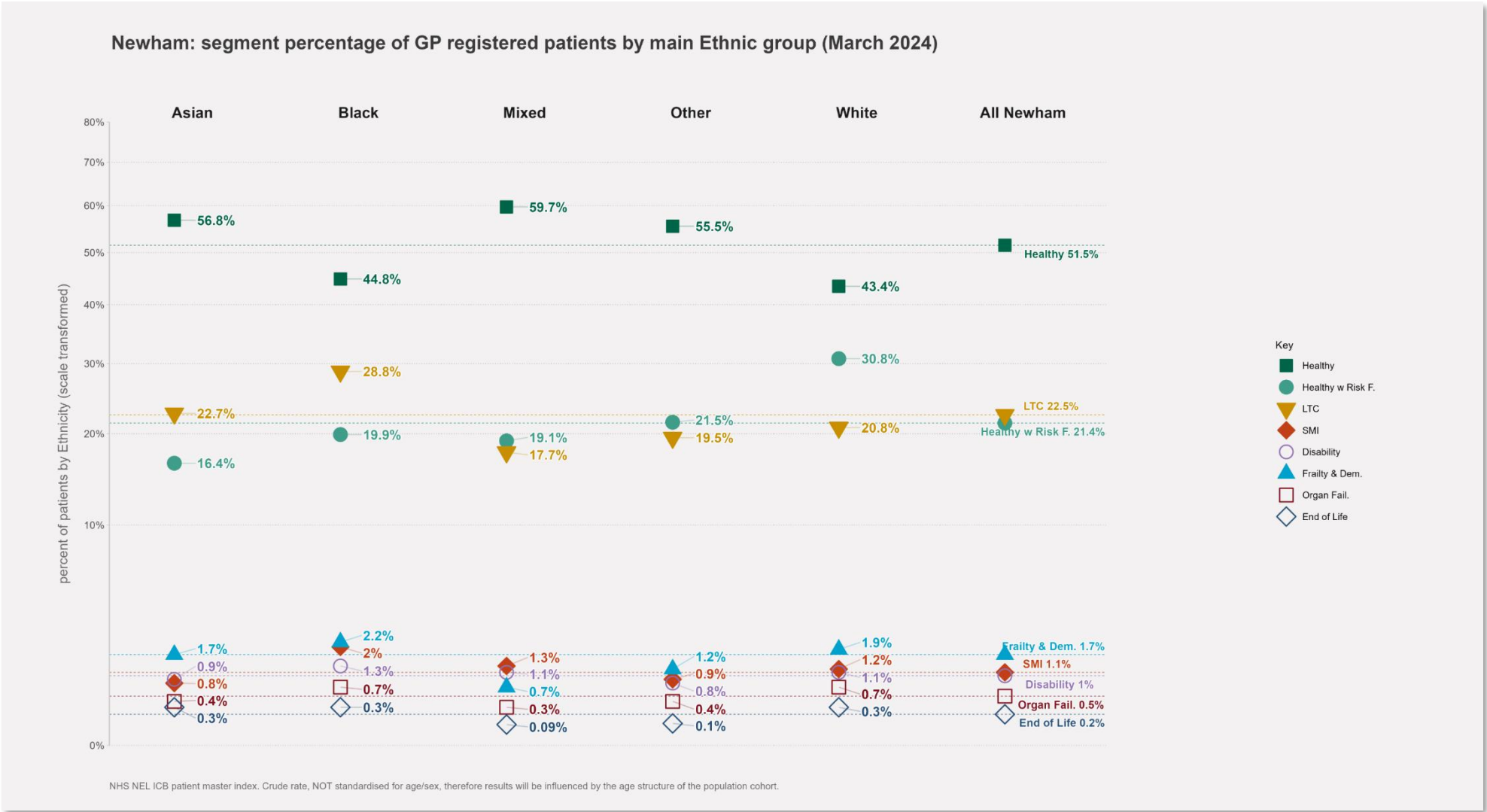


Examples of analysis: Healthy life expectancy by deprivation



* 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
A&E attendances	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
Emergency admissions	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
OP attendances	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
Elective admissions	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
GP encounters	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
Community contacts	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
MH contacts	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

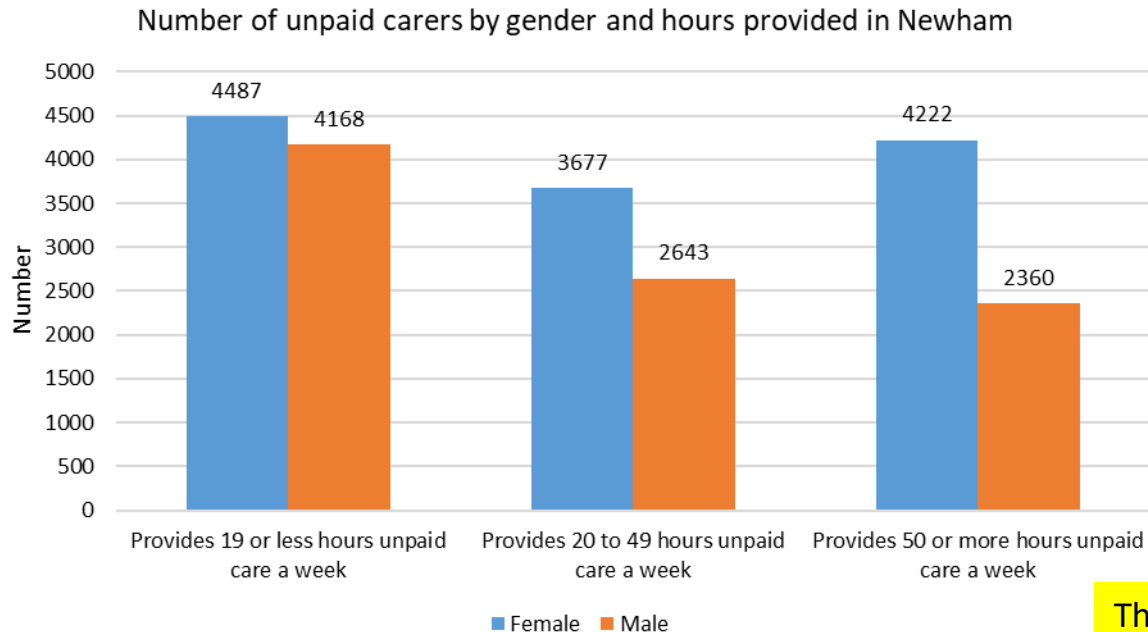
* The activity costing approach is still being developed across the segmentation, strategic forecasting tool and place-based reporting work. The figures currently used as output in the segmentation model are calculated from National Cost Collection (NCC) data, with Market Forces

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. .

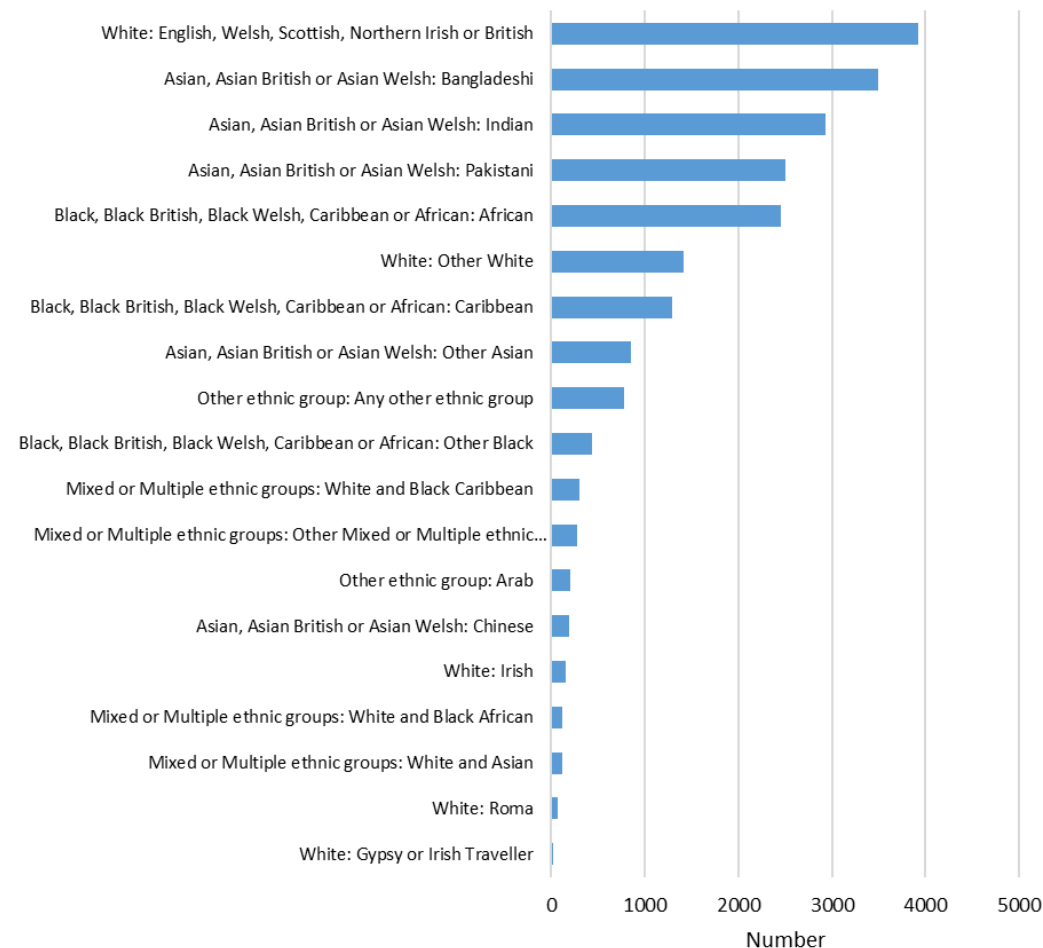
Carers data – via 2021 census

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

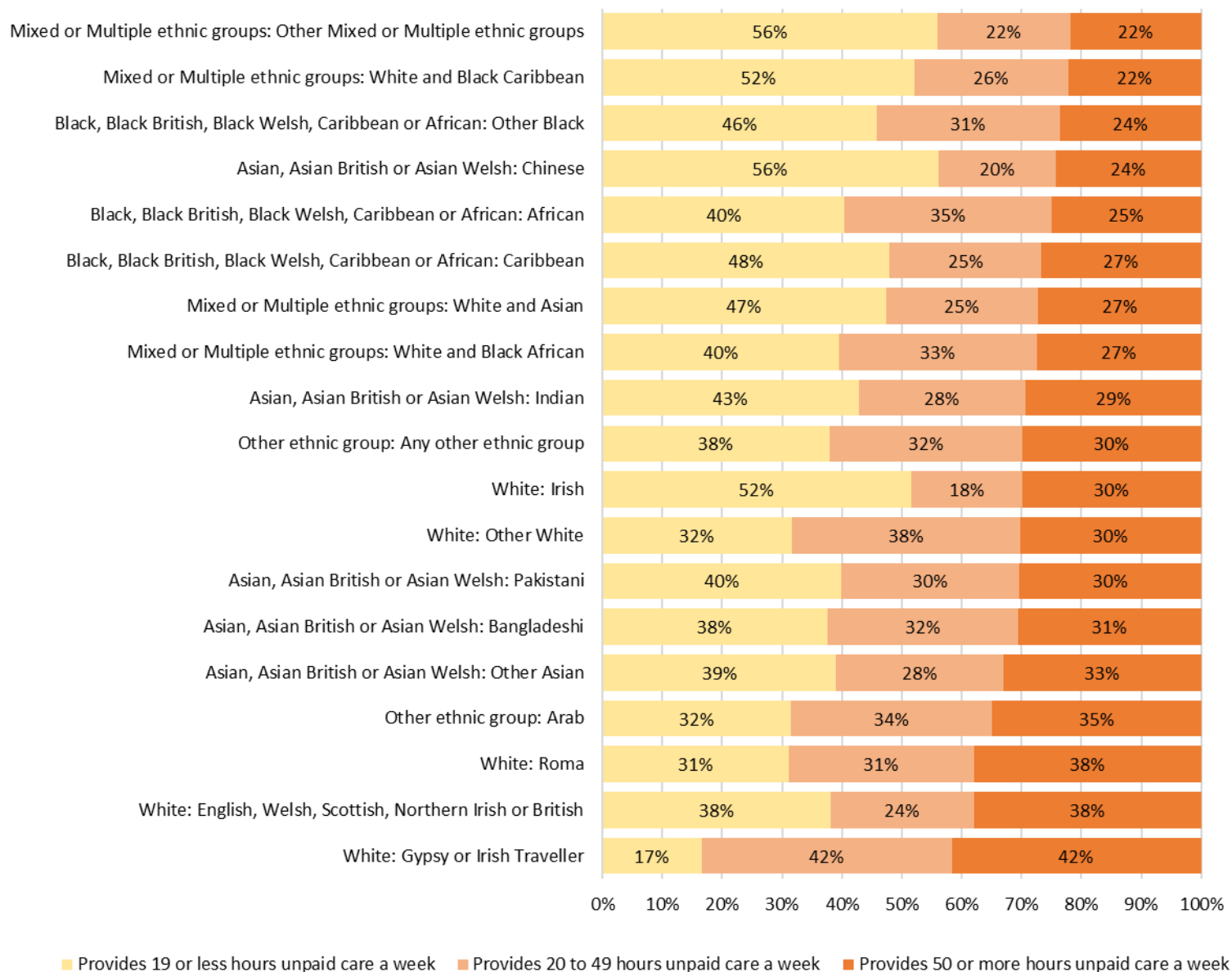
WE ARE NEWHAM.

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

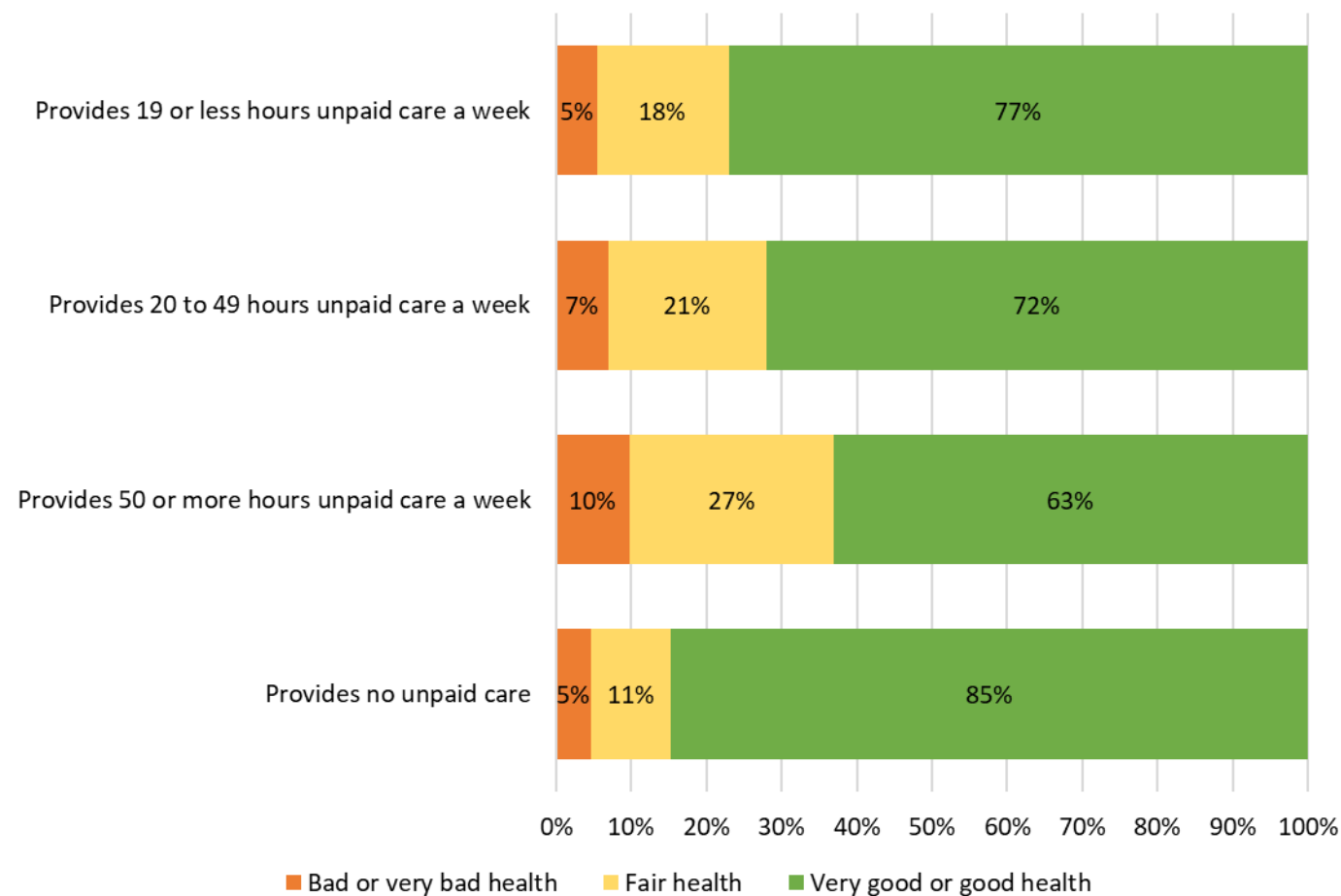
Intensity of care provided by unpaid carers by ethnic group in Newham, 2021 census



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

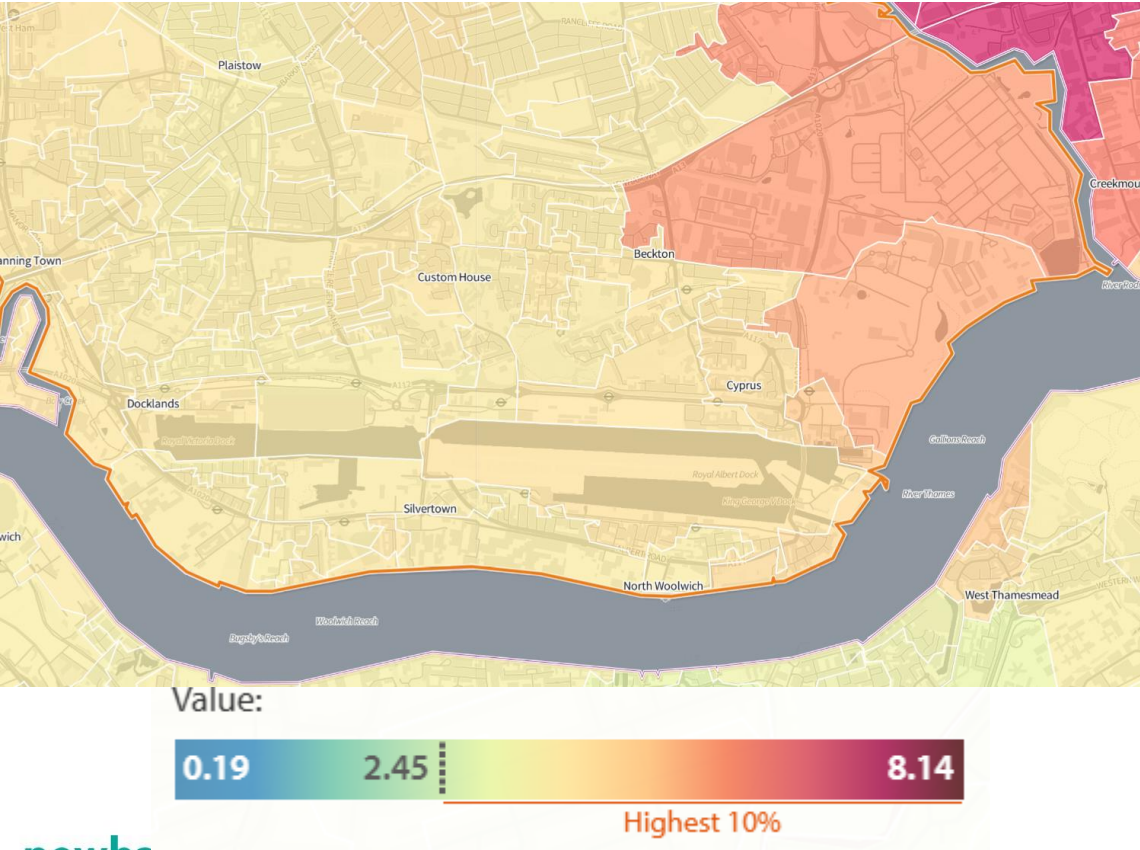


These graphs are currently showing Newham residents just as an example

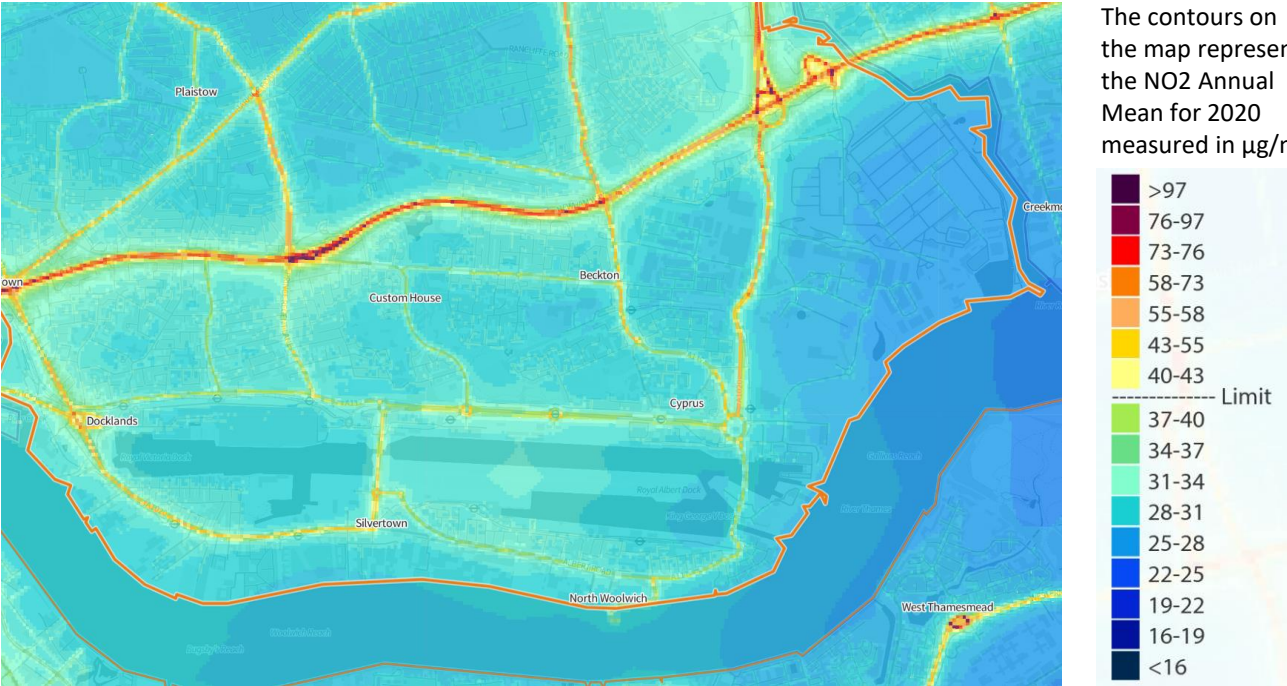
Air pollution

Air pollution

Sulphur dioxide (SO₂) levels around Beckton & RD

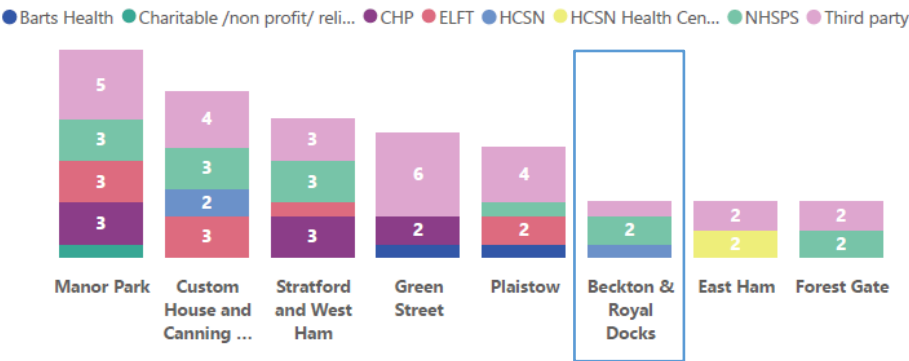


Nitrogen dioxide (NO₂) levels around Beckton & RD



Assets

Number of assets by Newham INT team



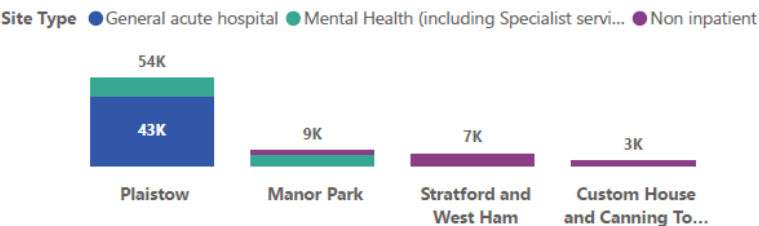
CHP GIA in SQM by Newham INT



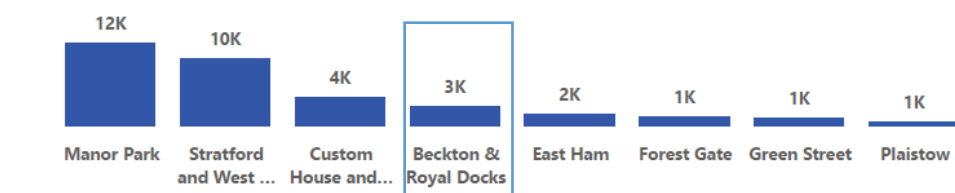
NHSPS NRA in SQM by Newham INT



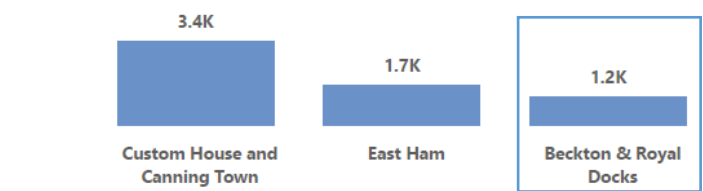
NHS Trust Occupied floor area by Newham INT



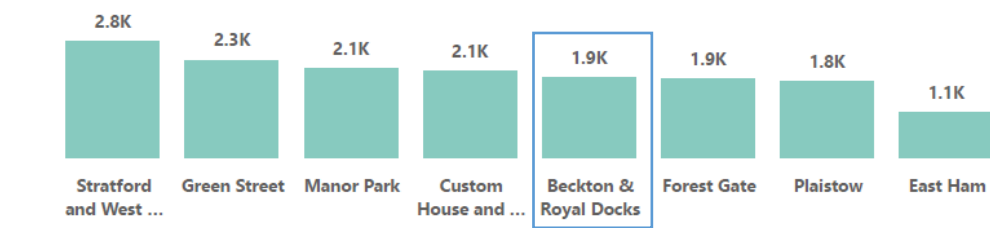
Total SQM (HCSN, CHP, NHSPS) by Newham INT



GIA SQM of HCSN assets by Newham INT

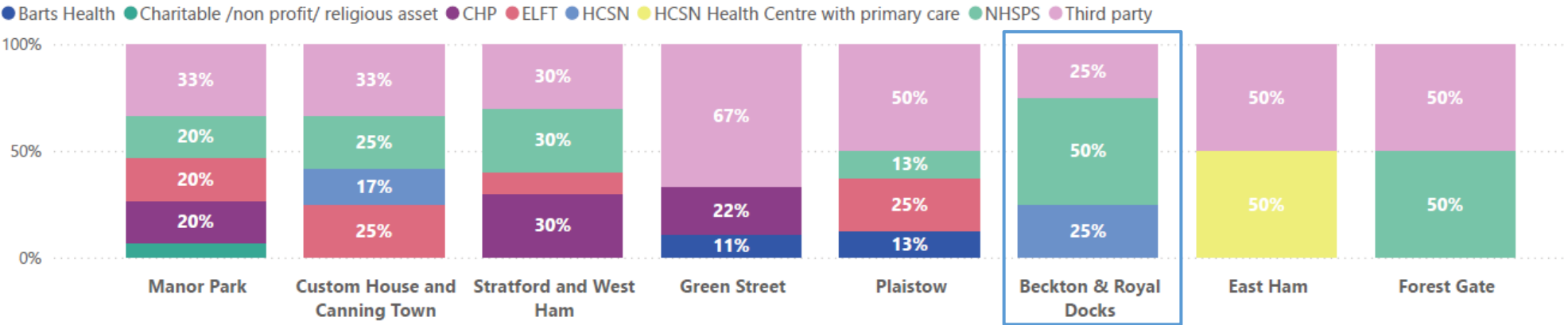


PC NIA in SQM by Newham INT

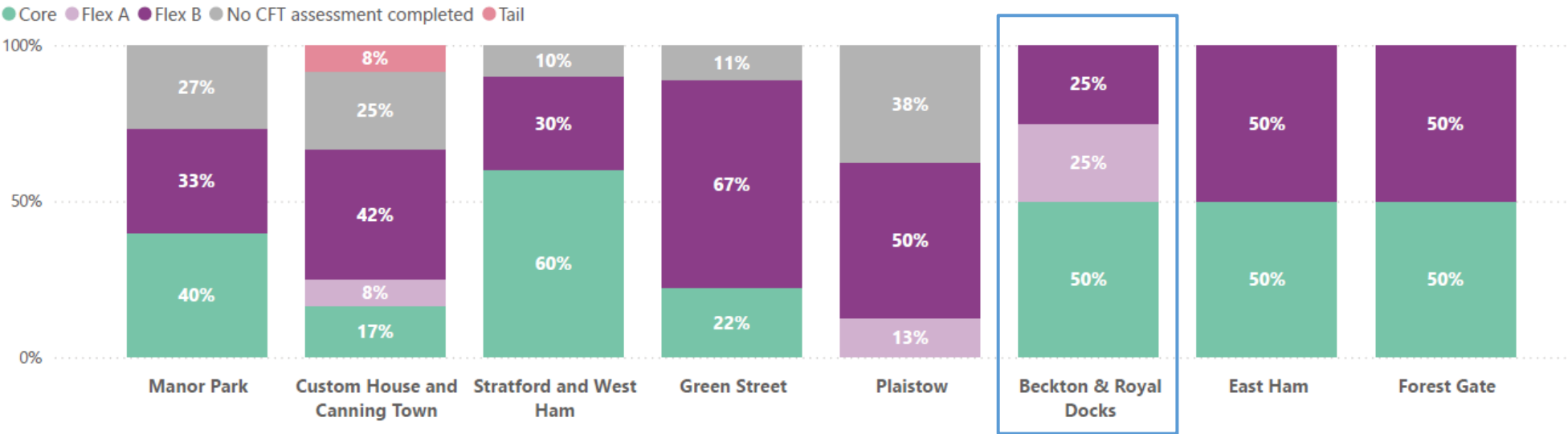


Assets

% of assets by type - per Newham INT



% of assets by type - per Newham INT



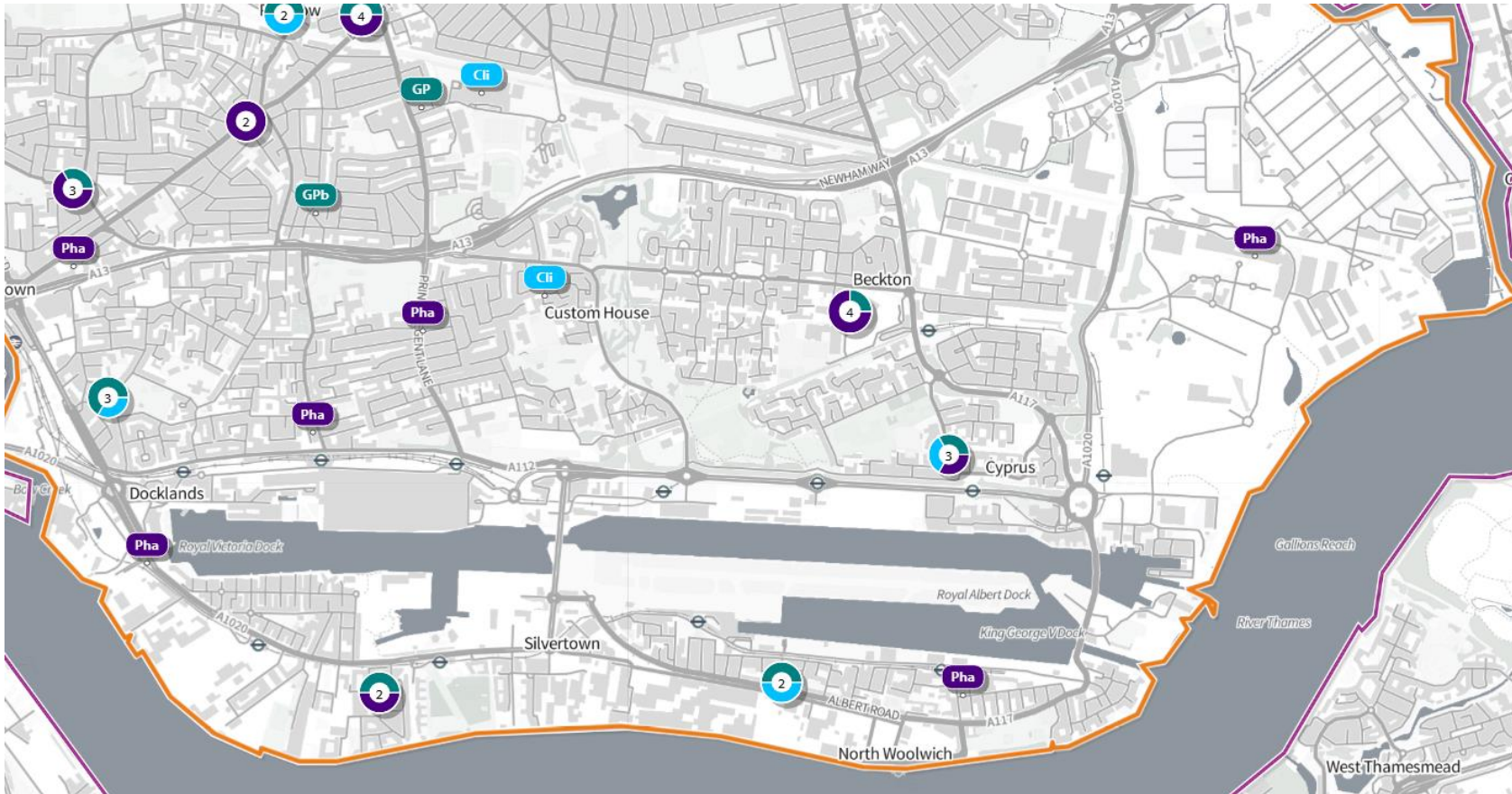
Assets – green spaces

Green spaces (highlighted in green) around Beckton and Royal Docks



Assets – health infrastructure

Health infrastructure in and around Beckton and Royal Docks



Key

GP

Pharmacy

Health centre, clinic,
walk-in centre