

# London pharmacies supporting children and young people to breathe easy: public health campaign and audit



# Background

## Pharmacy services in the England

- Every day community pharmacy is the primary health contact for **1.6 million patients** – a total of **438 million contacts** per annum in England alone
- The pharmacy workforce is expanding, with a potential oversupply of between **11,000 and 19,000 pharmacists by 2040**
- Between **30% and 50% of prescribed medicines** for long-term conditions are not taken as recommended
- **1.1 billion prescription items** dispensed in 2014, which is a **3.3% increase on 2013**
- This represented a with a net ingredient cost of **£8.9 billion**.

### The NHS England contract framework for community pharmacies involves:

#### Essential services

- Dispensing
- Signposting
- Promoting a health lifestyle
- Audit

#### Advanced services

- Medicine Use Reviews ( MUR)
- New Medicine Service
- Seasonal Flu Immunisation

#### Local services

- Stop smoking

2016

Patient Medication Records:  
access to Summary Care Record

# Background

## Community pharmacy public health campaign 2015

- There are **1,858** pharmacies across London.
- All London pharmacies were asked to take part in a campaign To provide key public health messages in relation to asthma management and gather information on current levels of awareness of asthma management in children and young people in London **between 24 July and 2 October 2015**
- They were asked to carry out a mandatory, brief intervention for a young person (**0 to 18**), when their parent or carer visited their pharmacy to request a prescription be filled or repeated, purchased an over-the-counter medicine, required emergency supplies or asked for advice on general health and wellbeing.
- An additional, voluntary element - to record the responses of a brief intervention using online survey - was also requested.

### Governance: Pharmacy Asthma Steering Group



#### Membership:

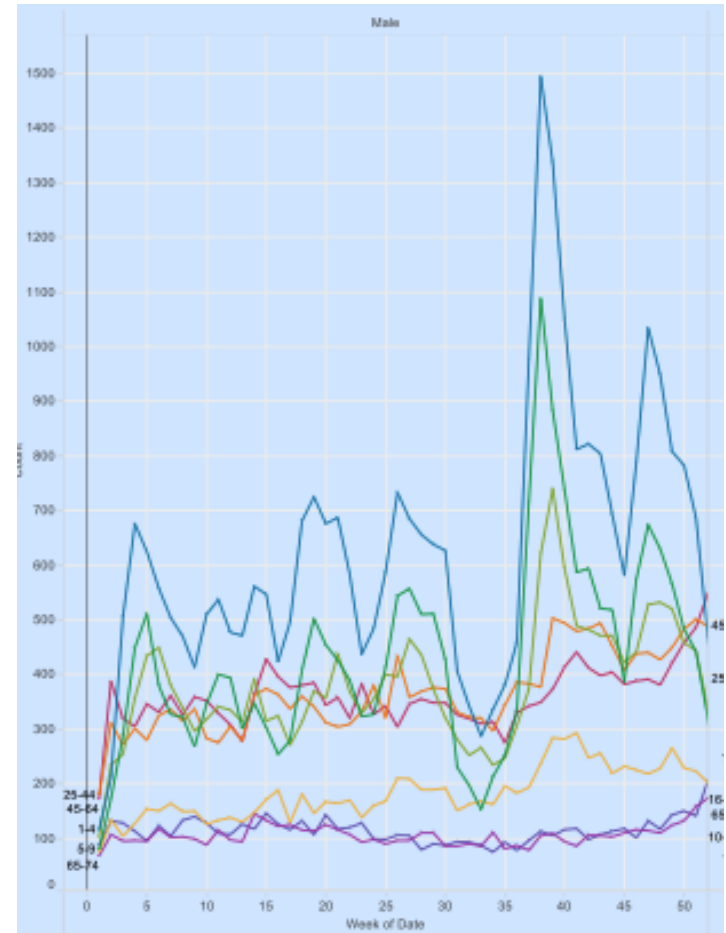
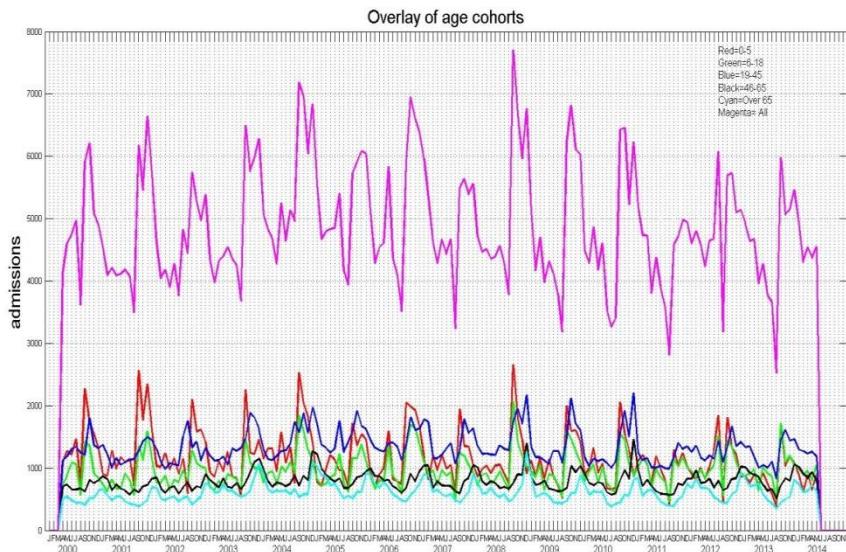
Pharmacists, Nurses, Doctors, NHS England (London), HLP representative, LPC representative

#### Aim

To provide support and advise on the role of pharmacy and medicines optimisation in the delivery of London asthma standards for children and young people.

# Asthma and seasonality

**Week 38 peak!**



# Audit design

## Requirements

- Deliver within the NHS Contract
- Simple to administer for pharmacies and easy for patients to understand
- Structured consultation
- “Part of the flow” of a consultation
- Anyone in the pharmacy could administer the audit
- Paperless
- Clearly defined patient cohort
- Anonymised
- Support and CPD provided
- Worthwhile for patients and the pharmacy...”so what” defined

## Result

- Public Health campaign within the NHS Contract
- Voluntary additional audit ( outside core contract)
- Audit = 7 questions
- Administration fee
- Supporting all online platforms and also paper
- Real time or retrospective data collection option
- Supporting information pack & CPD
- Opportunities for internal pharmacy referrals for MUR, Flu Vac or stop smoking
- Comms strategy using email

# What we asked pharmacies to do

## The questions

1. Does the child or young person have an asthma action plan or “wheeze plan”?
2. In the last 12 months, has an assessment of inhaler technique by a doctor, nurse or pharmacist occurred?
3. Does the child or young person use a spacer device?
4. Does the child or young person smoke?
5. Does the child or young person live with someone who smokes?
6. Did the child or young person have a flu vaccination last year?
7. In the last 12 months, have you had to make an emergency request for an inhaler from your pharmacy, GP, Out of hours services, Walk-in Centre or A&E?

Carers, parents and patients presenting in the pharmacy with a prescription for an inhaler/spacer, requesting a prescription, requesting an emergency supply, making an over the counter purchase of medicines or a known diagnosis of asthma.

# 03

## What we found

# Highlights

## Interim results

1,865

Community pharmacies across the whole of London were invited to take part

1,225

Pharmacies responded

65.7%

of the total number of pharmacies

32

boroughs (all) took part

9,690

responses

9.4

Average age of participant

9

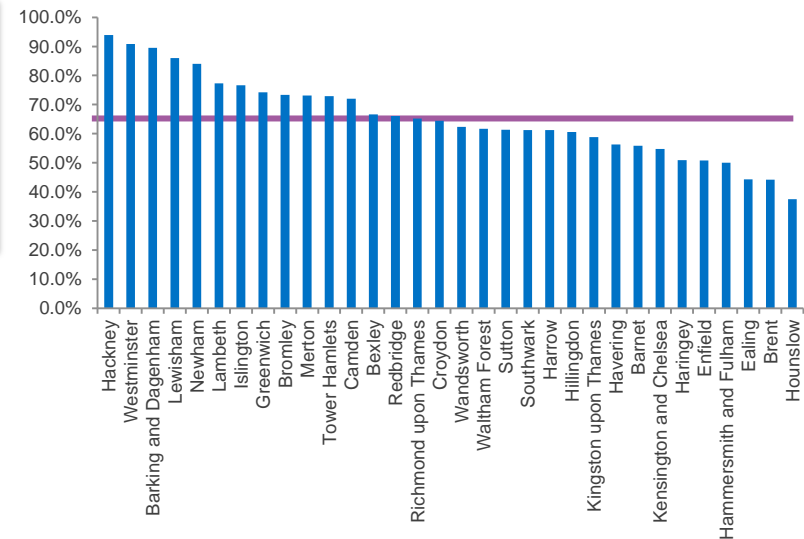
Average entry per pharmacy

1 in 4

Entries were using a smart device

Campaign extended to 10 weeks till 2 October

Participation per borough



## Results

64%

Did **not** have a flu jab last year

25%

Had to make an emergency request for an inhaler in the last 12 months

48%

Do have an asthma action plan or wheeze plan

70%

Had a inhaler technique assessment in the last 12 months

64%

Have a spacer device

23%

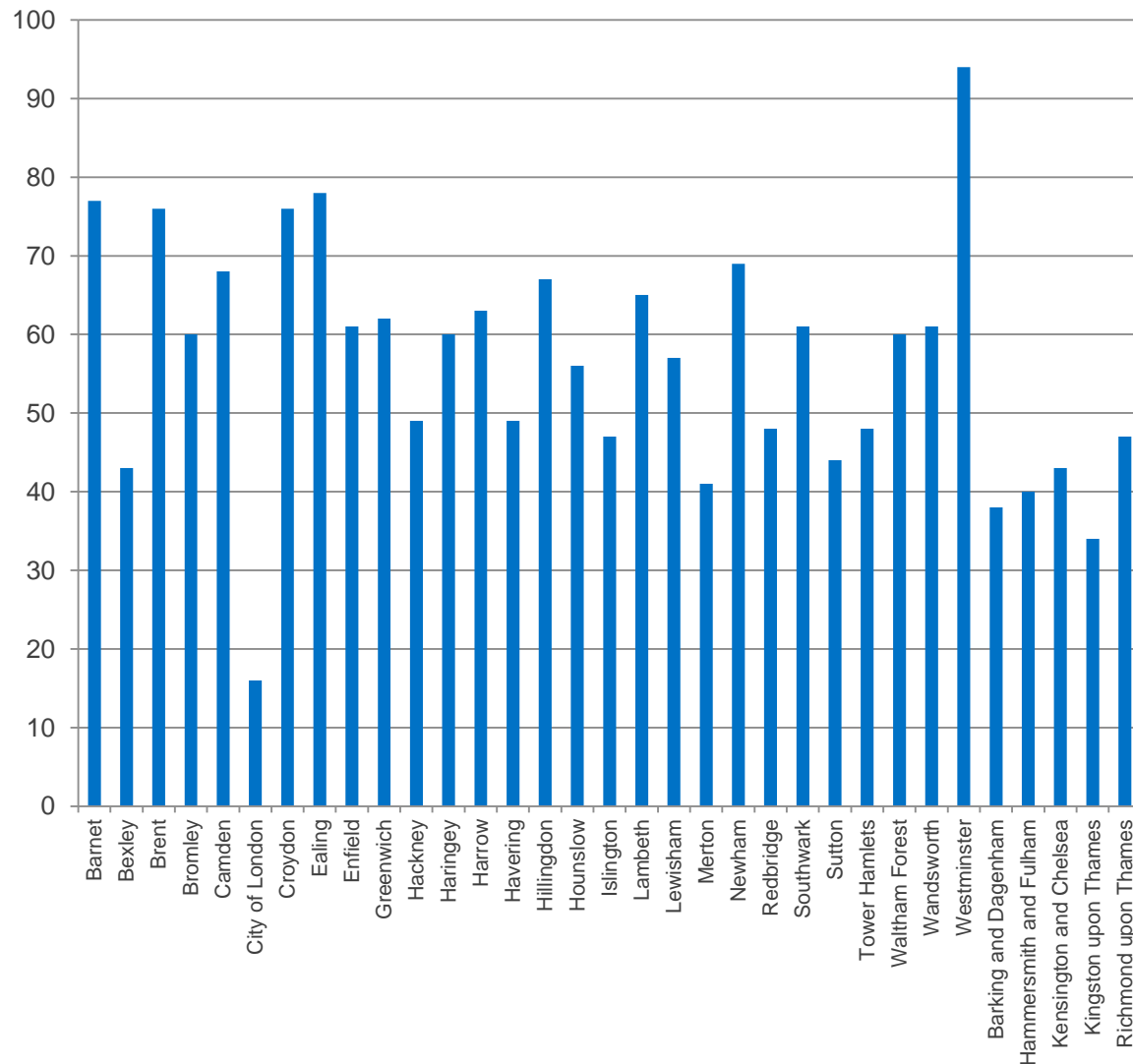
Live with someone who smokes

96%

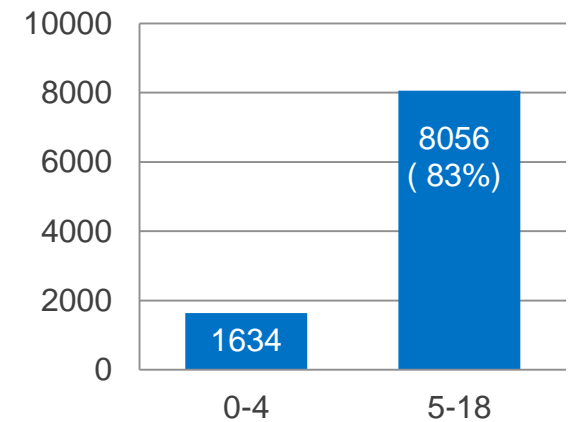
Do **not** smoke



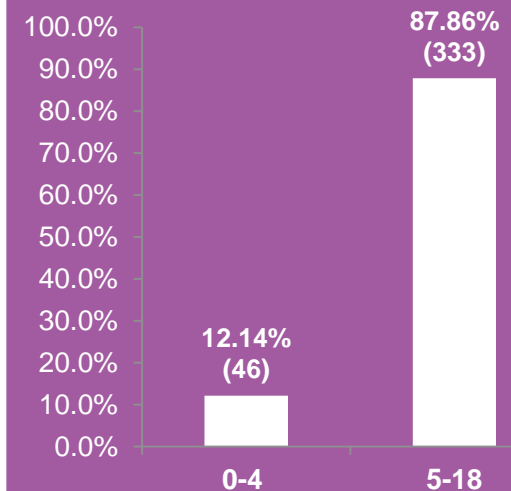
## Number of pharmacies in borough



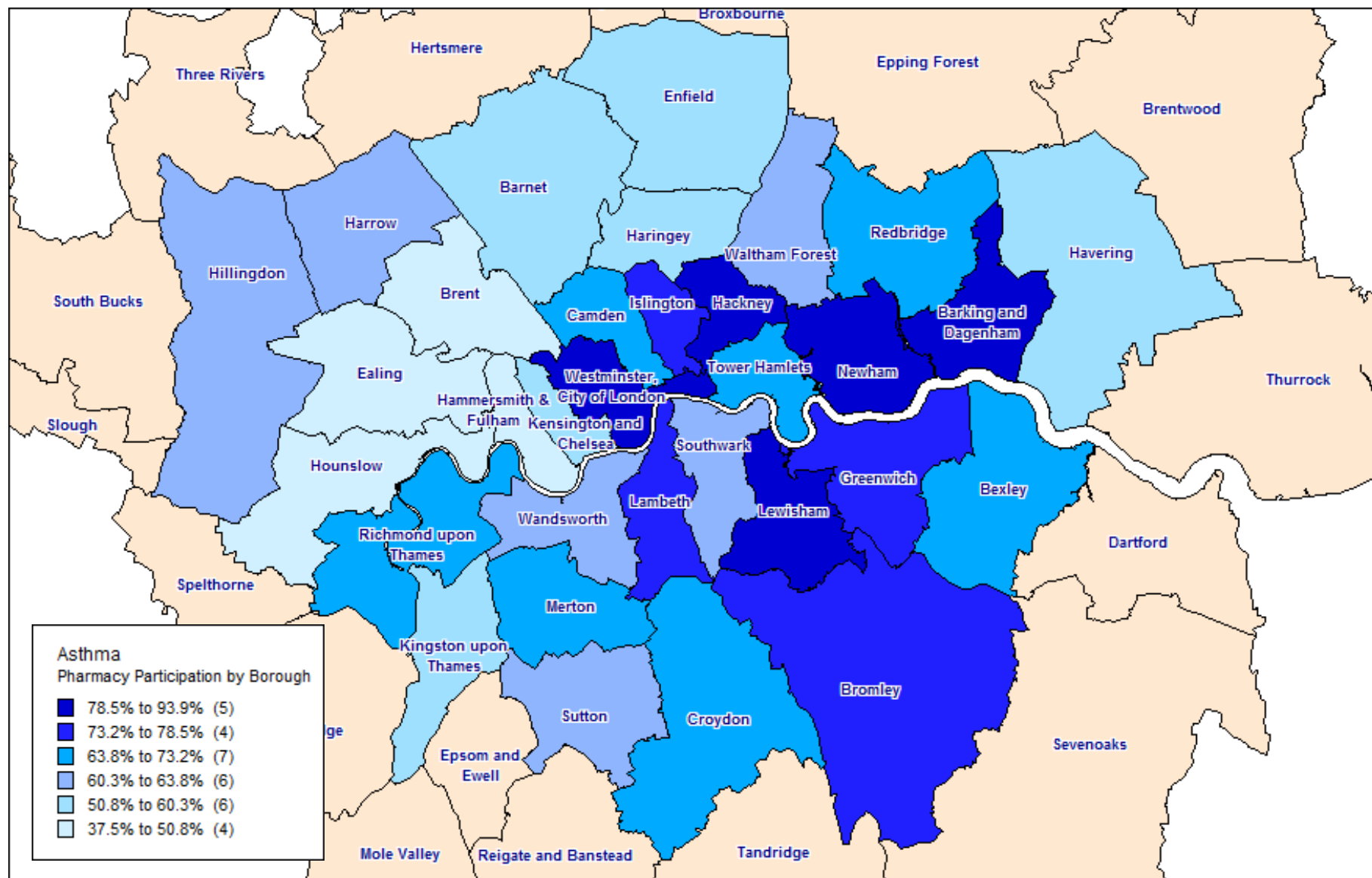
## Average age per participant



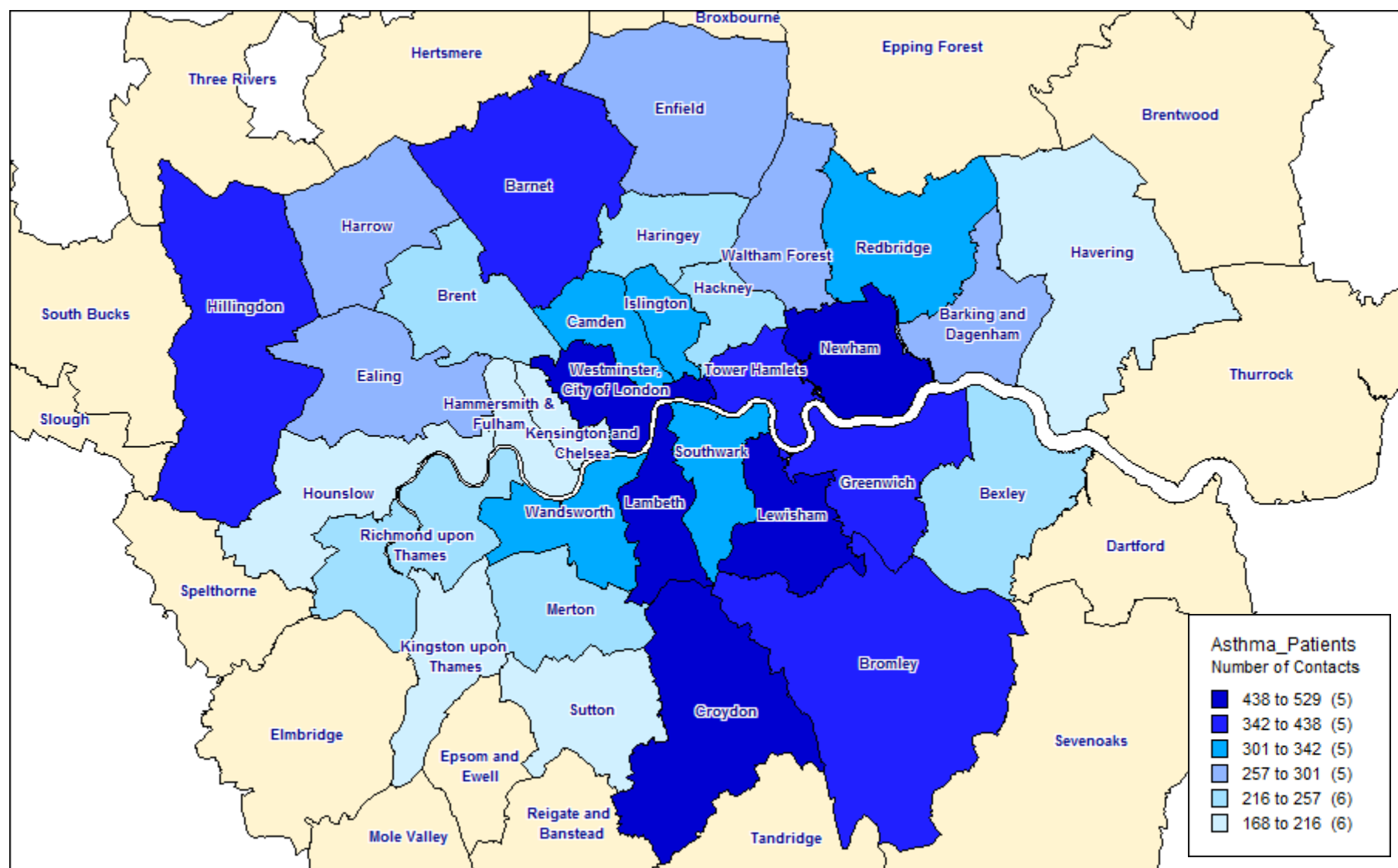
## Only 4% did not want to participate



# % participation of pharmacies by borough

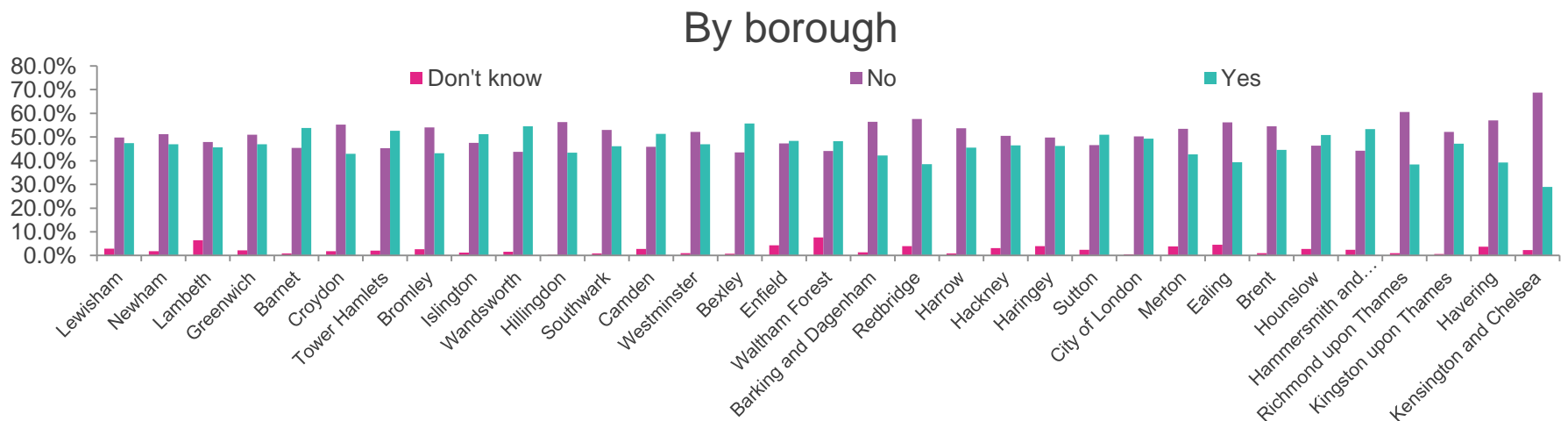
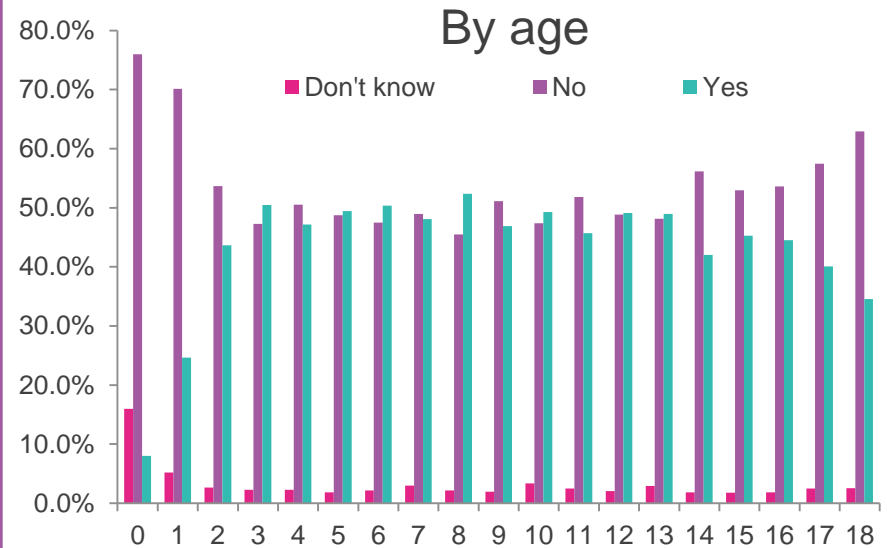
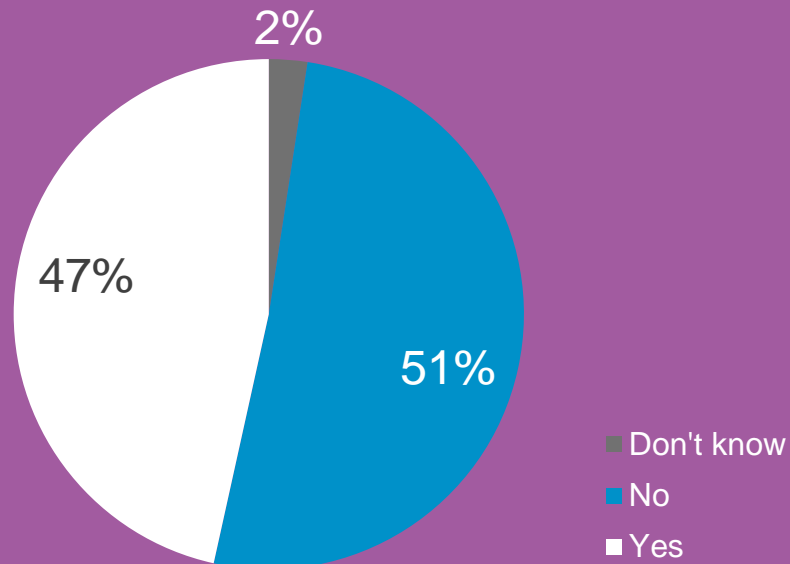


# Number of contacts by borough



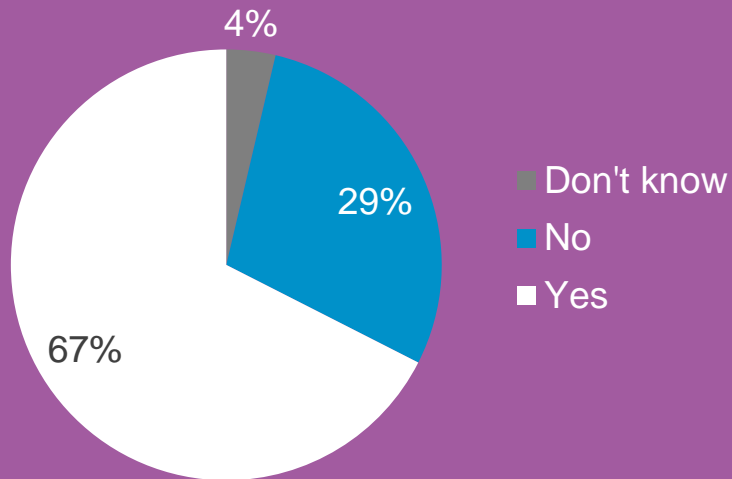
# Question 1

Does the child or young person have an asthma action plan or wheeze plan?

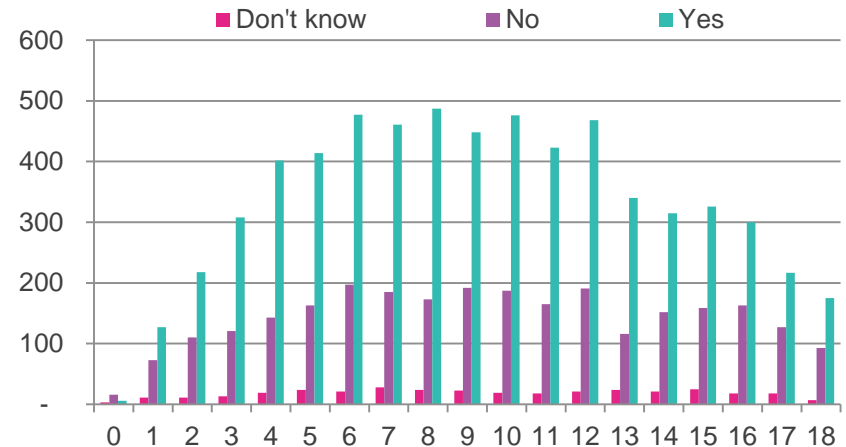


## Question 2

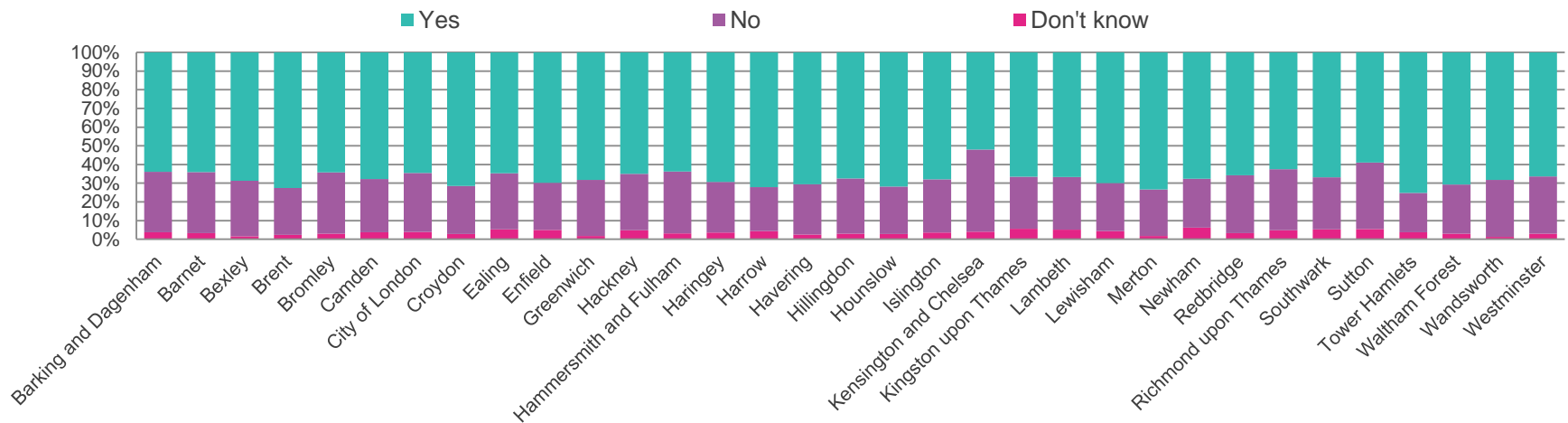
In the last 12 months has a doctor, nurse or pharmacist provided an inhaler technique assessment?



By age

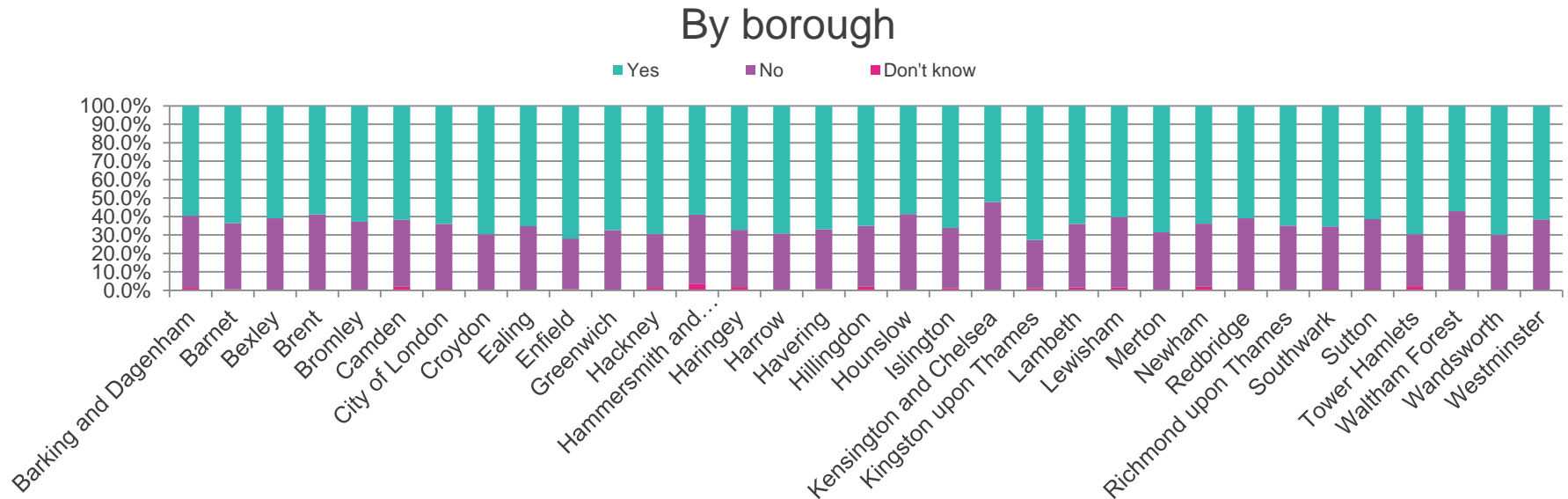
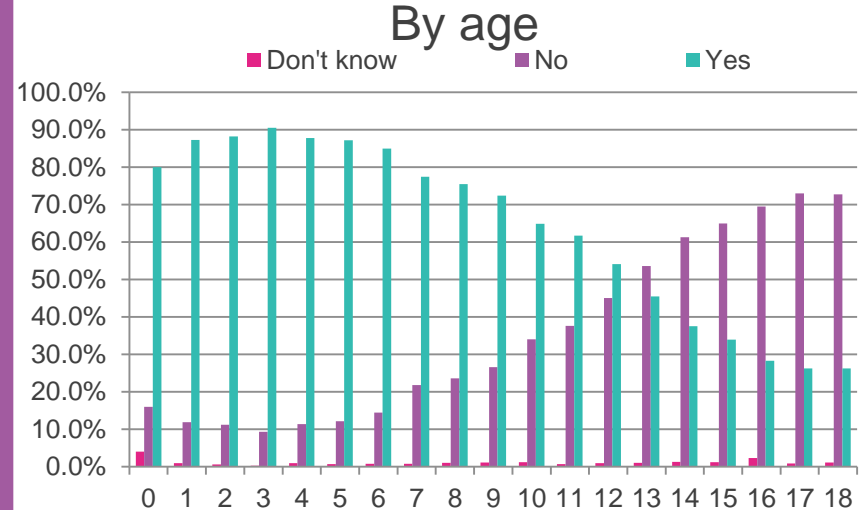
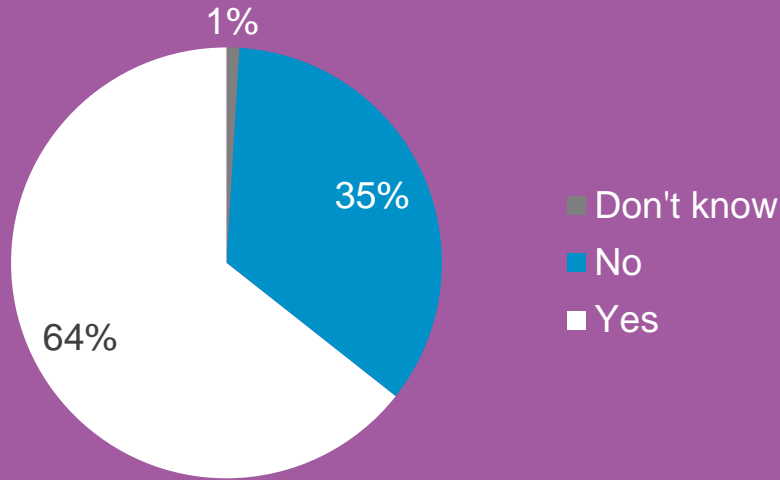


By borough



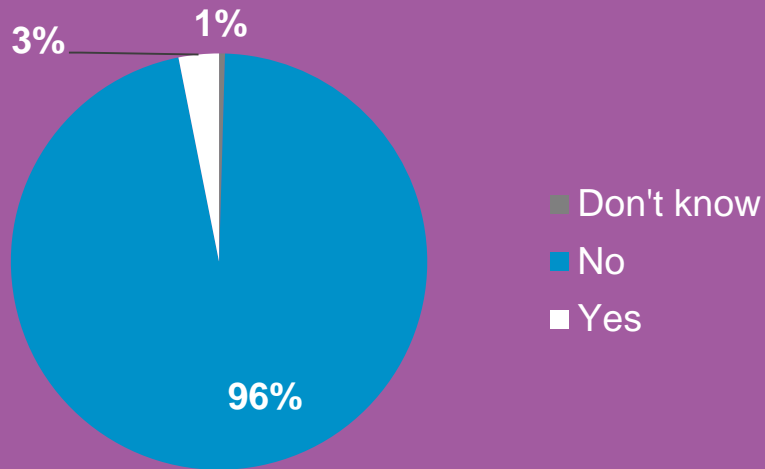
# Question 3

Does the child or young person use a spacer device?

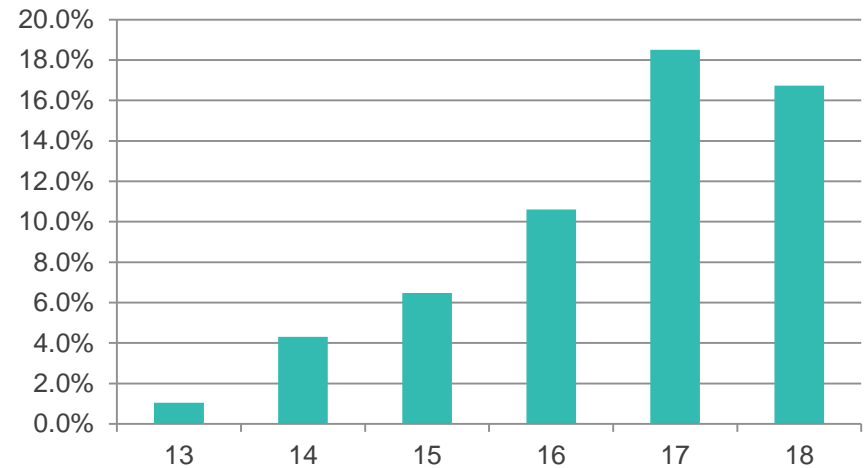


## Question 4

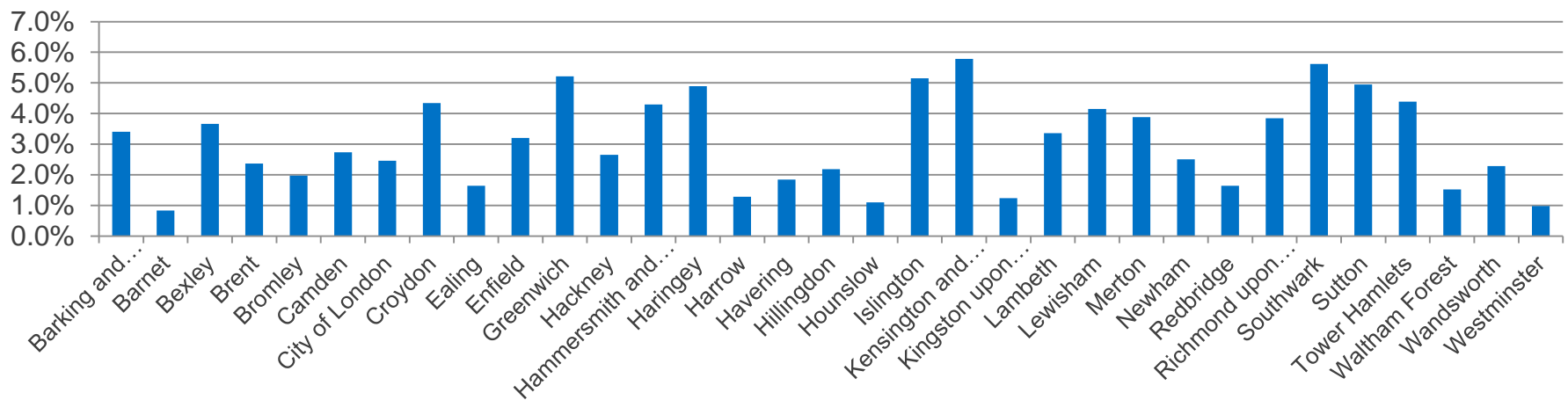
Does the child or young person smoke?



By age

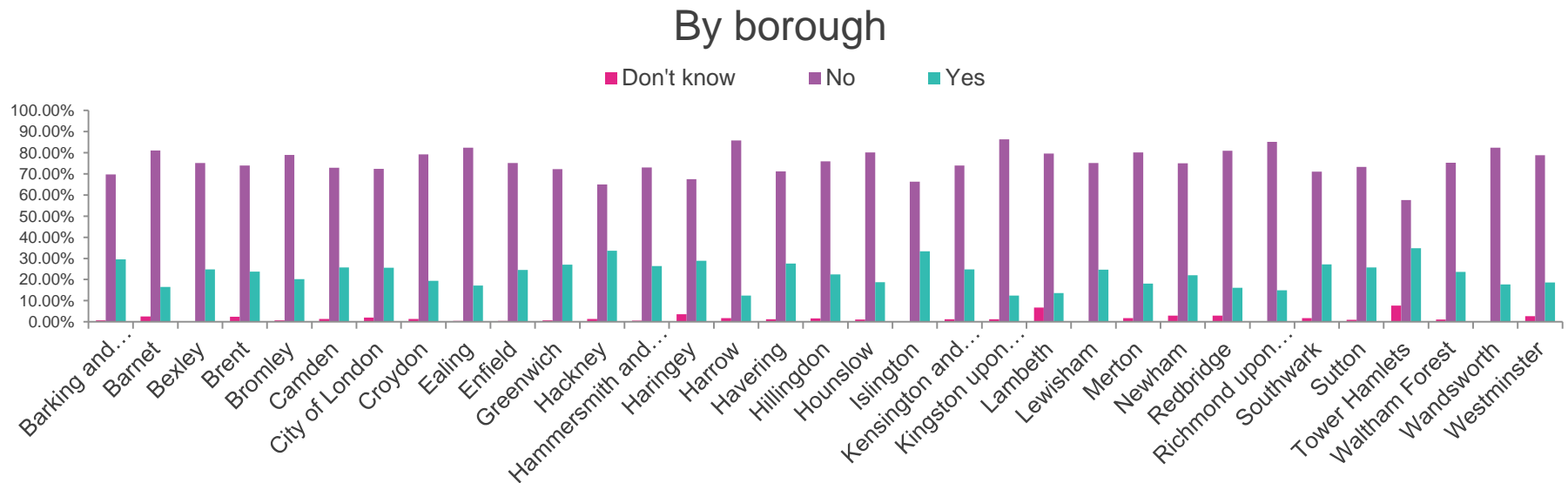
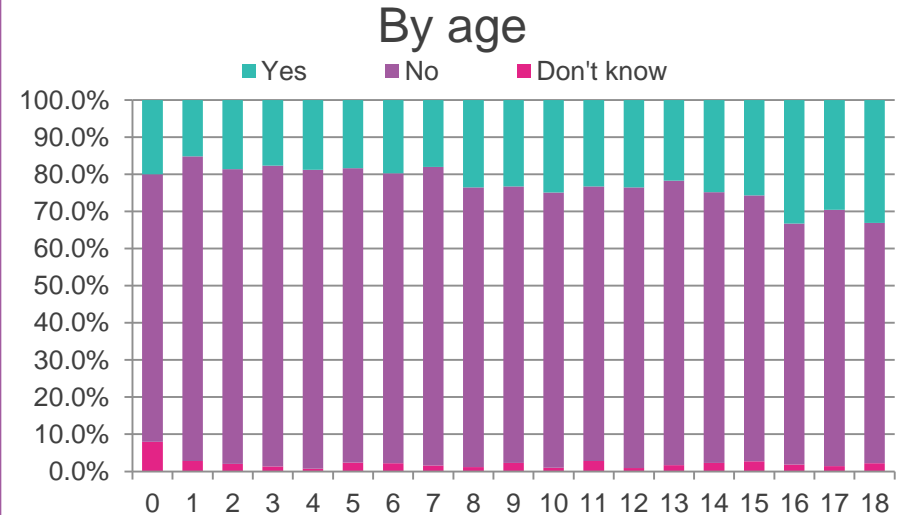
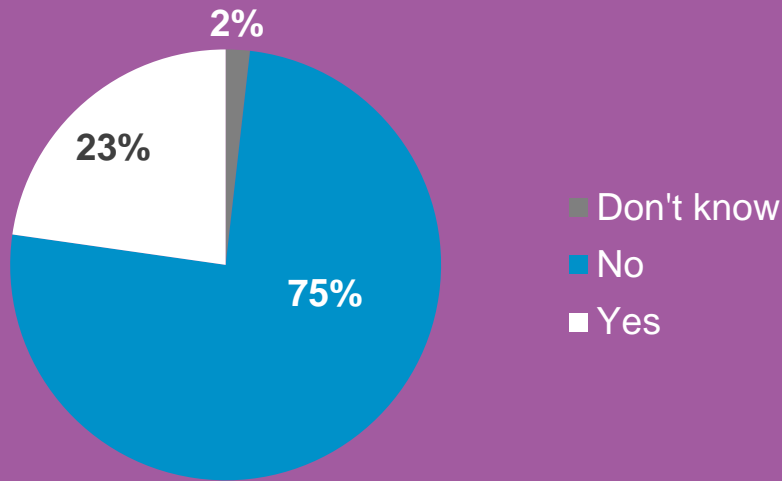


By borough



## Question 5

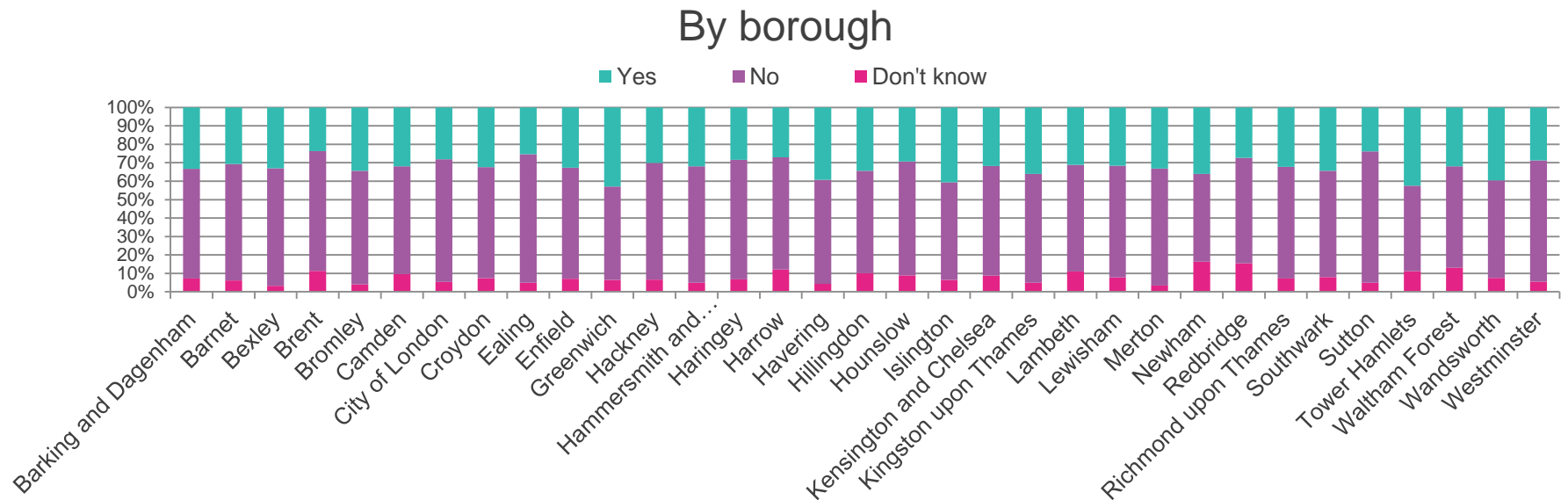
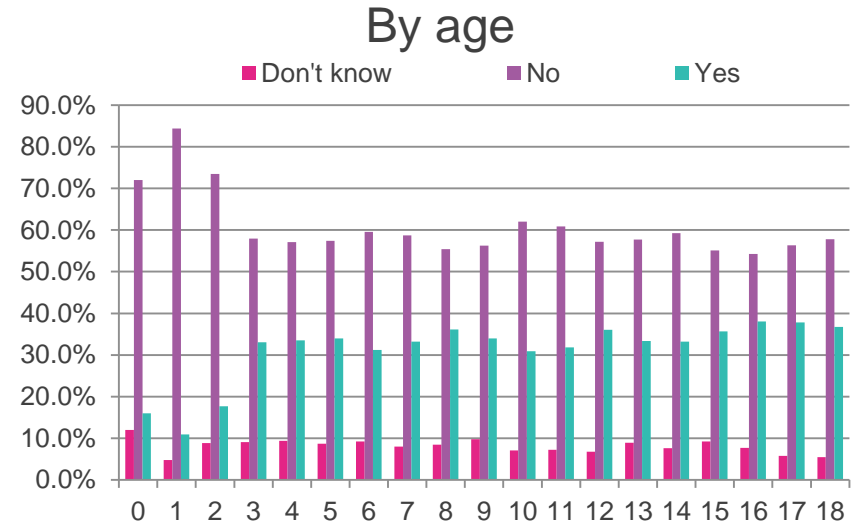
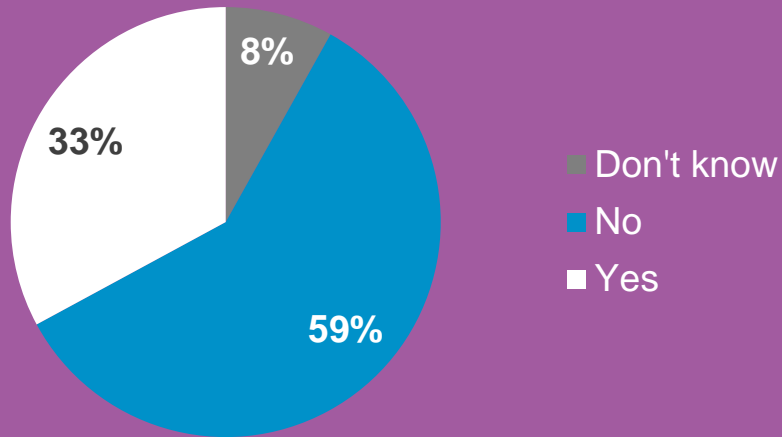
Does the child or young person live with someone who smokes?





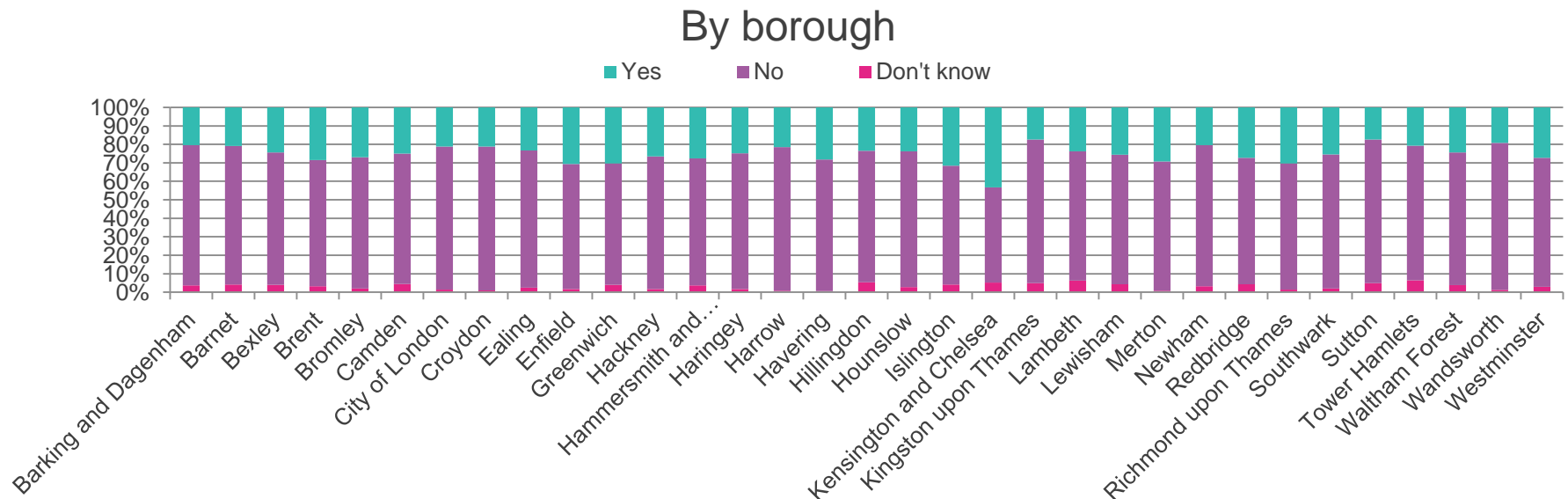
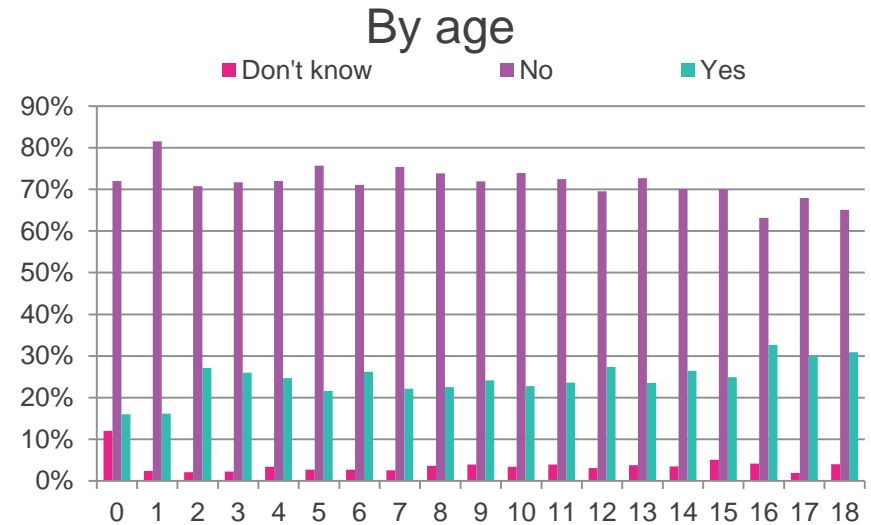
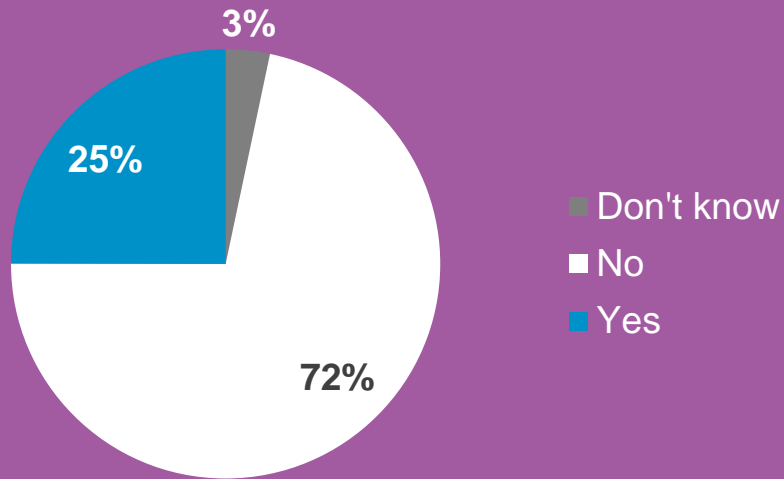
## Question 6

Did you the child and young person have a flu vaccination last year?



# Question 7

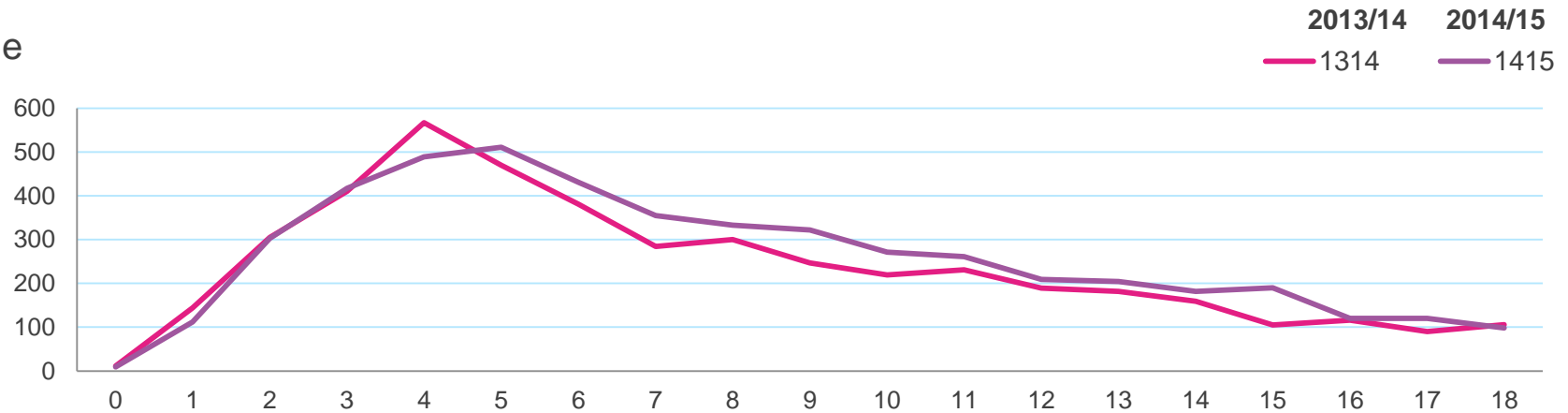
In the last 12 months, has the child or young person had to make an emergency request for an inhaler from any healthcare provider (Walk-in Centre, GP, out-of-hours service, pharmacy or A&E)?



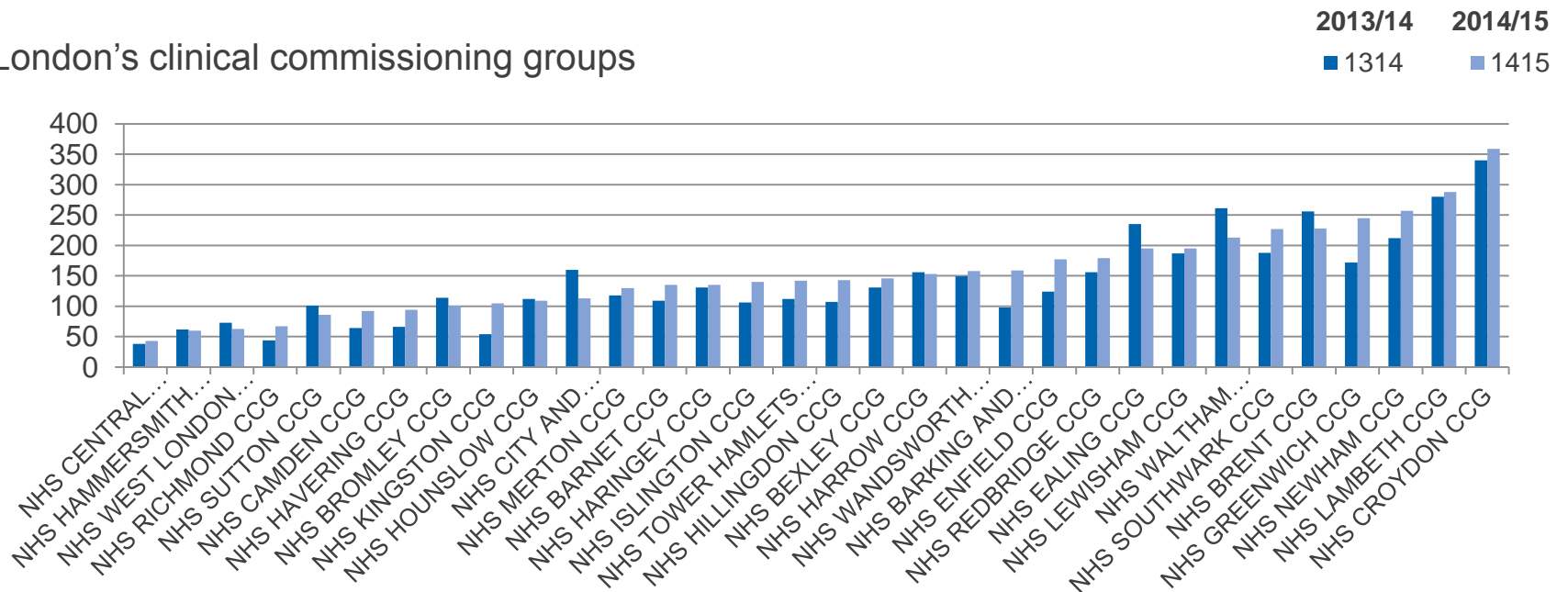
# In context

## Number of asthma emergency admissions in London (2013/14 and 2014/15)

By age



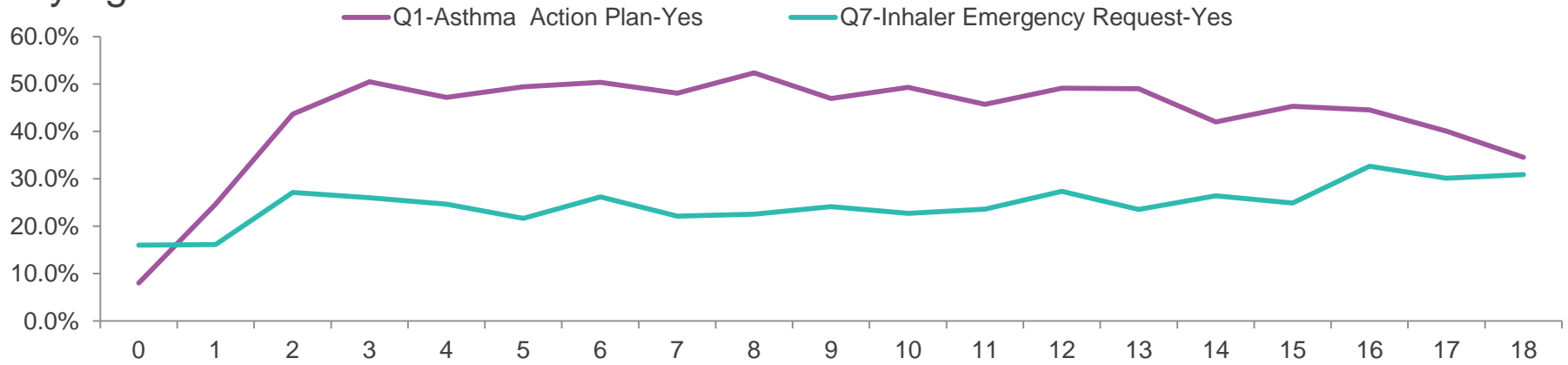
By London's clinical commissioning groups



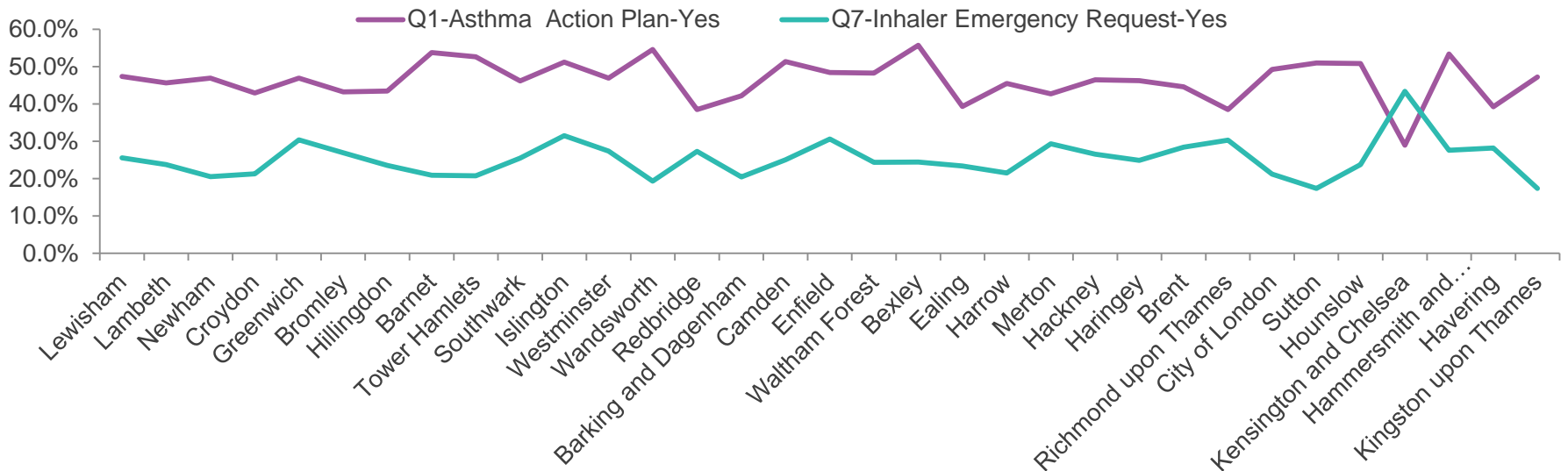
# Comparing questions 1 and 7

Does having an asthma action plan relate to an emergency inhaler request?

## By age



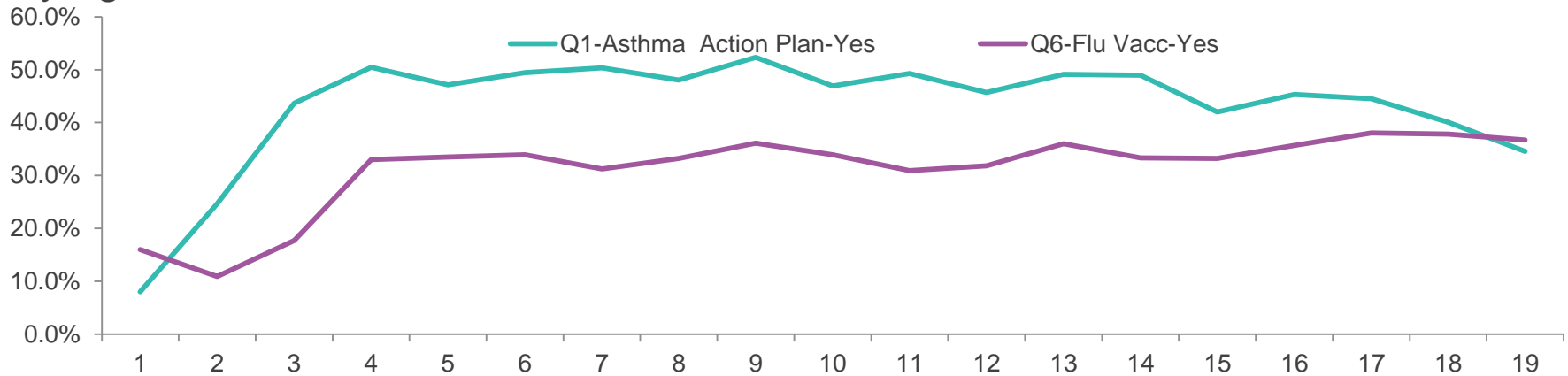
## By borough



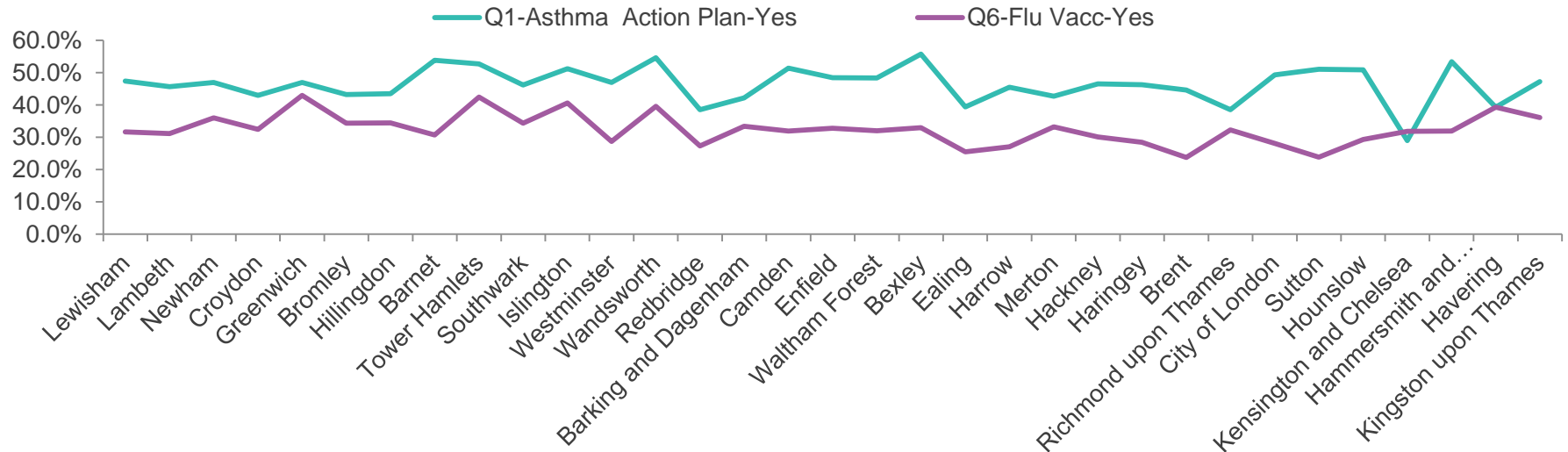
# Comparing questions 1 and 6

Does having an asthma action plan relate to having a flu vaccination?

By age



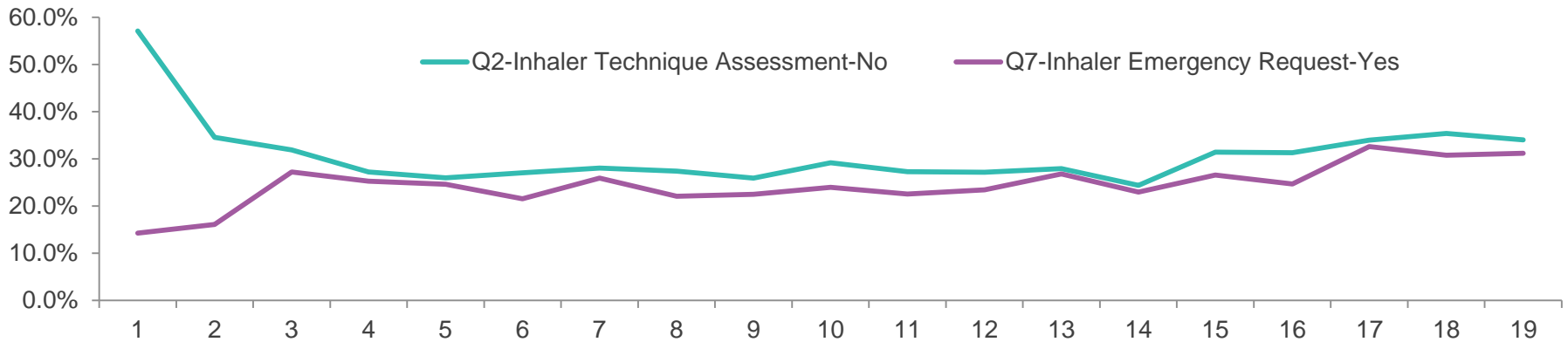
By borough



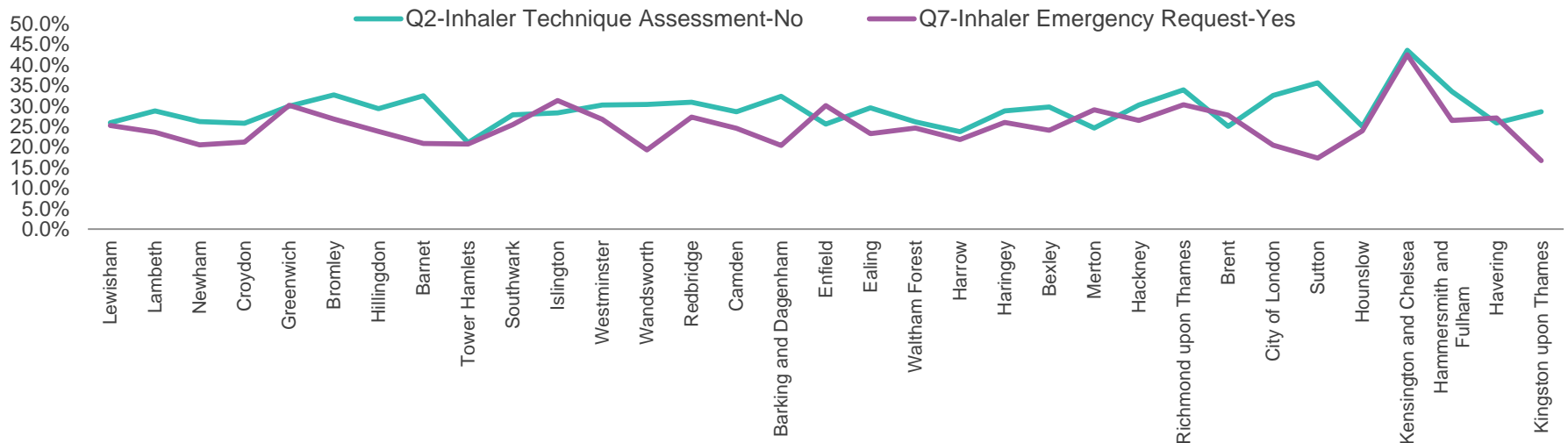
# Comparing questions 2 and 7

Does not having a recent inhaler technique assessment relate to making an emergency request for an inhaler?

## By age



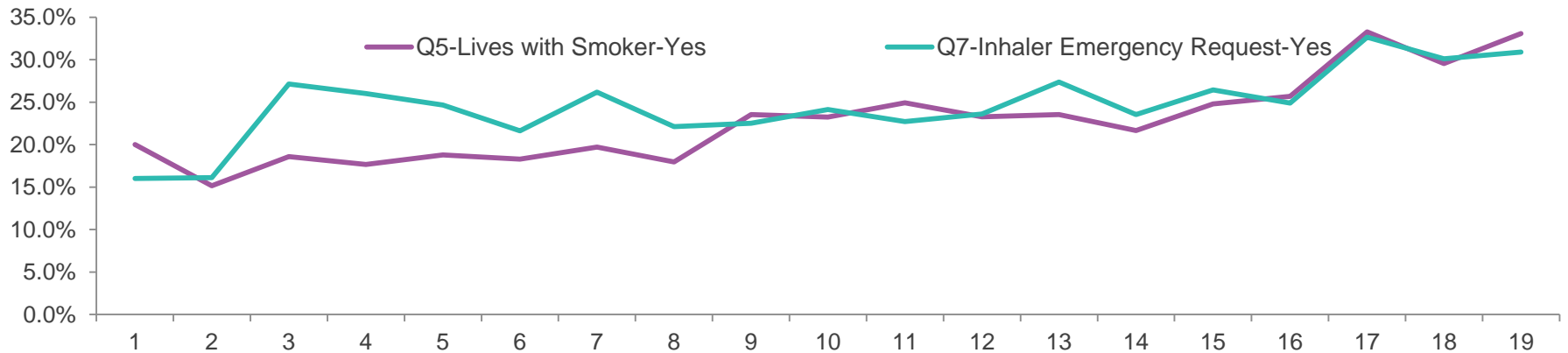
## By borough



# Comparing questions 5 and 7

Does living with a smoker relate to child and young person making an emergency request for an inhaler?

## By age



## By borough

