

# The Covid- 19 epidemic in Tower Hamlets

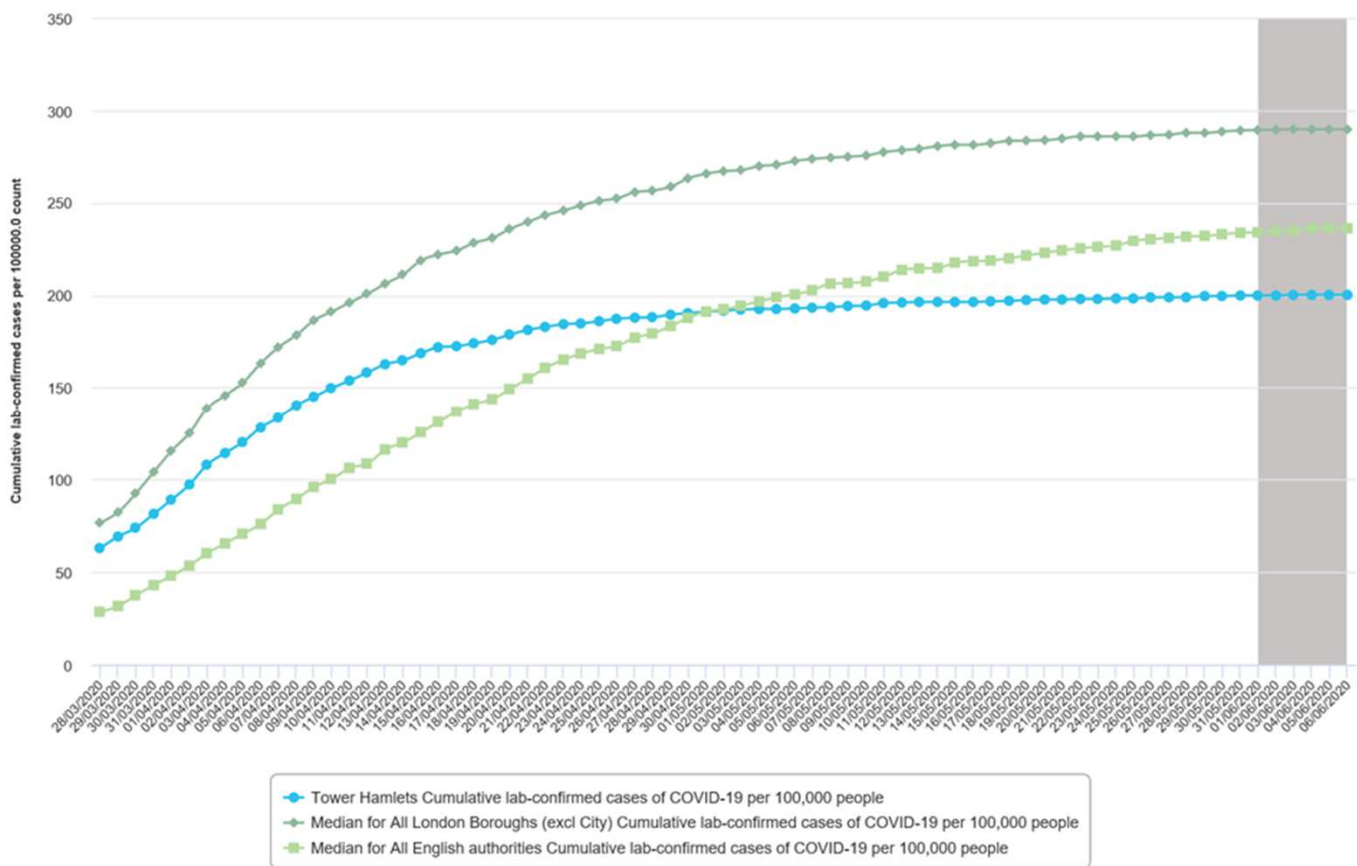
Tower Hamlets Health and Wellbeing Board  
9<sup>th</sup> June, 2020



# Tower Hamlets Headline figures

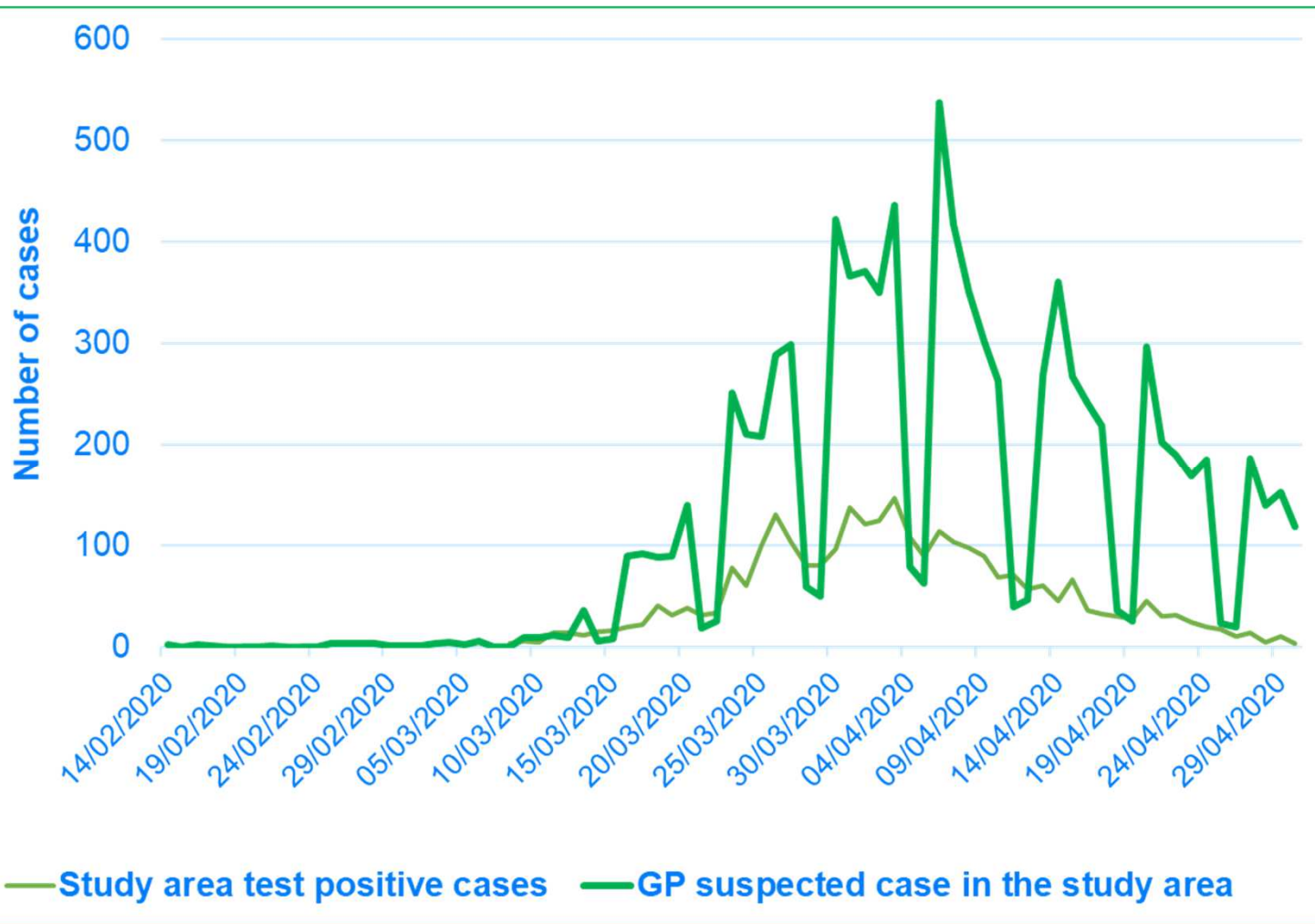
- **Lab confirmed Covid-19 cases = 635**
- **Suspected cases**
  - **Not known how many have had symptoms and self managed (prior to testing)**
  - **Around 4x were diagnosed with suspected Covid-19 by their GPs compared to confirmed**
- **Deaths = 279 confirmed or suspected (4<sup>th</sup> June)**

Cumulative COVID-19 Cases per 100,000 people, Tower Hamlets compared with All London Boroughs (excl City) and all English councils



Trend

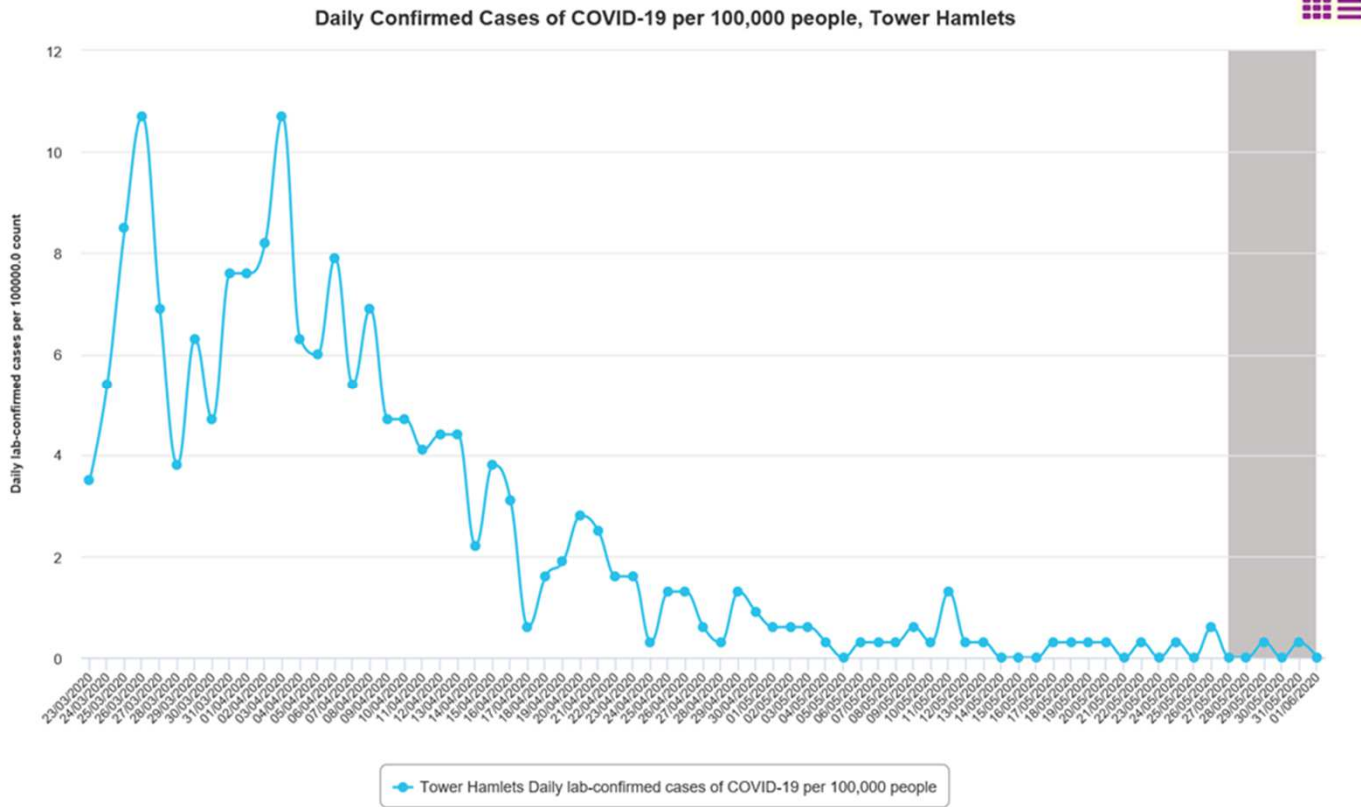
Confirmed cases



**Trend**

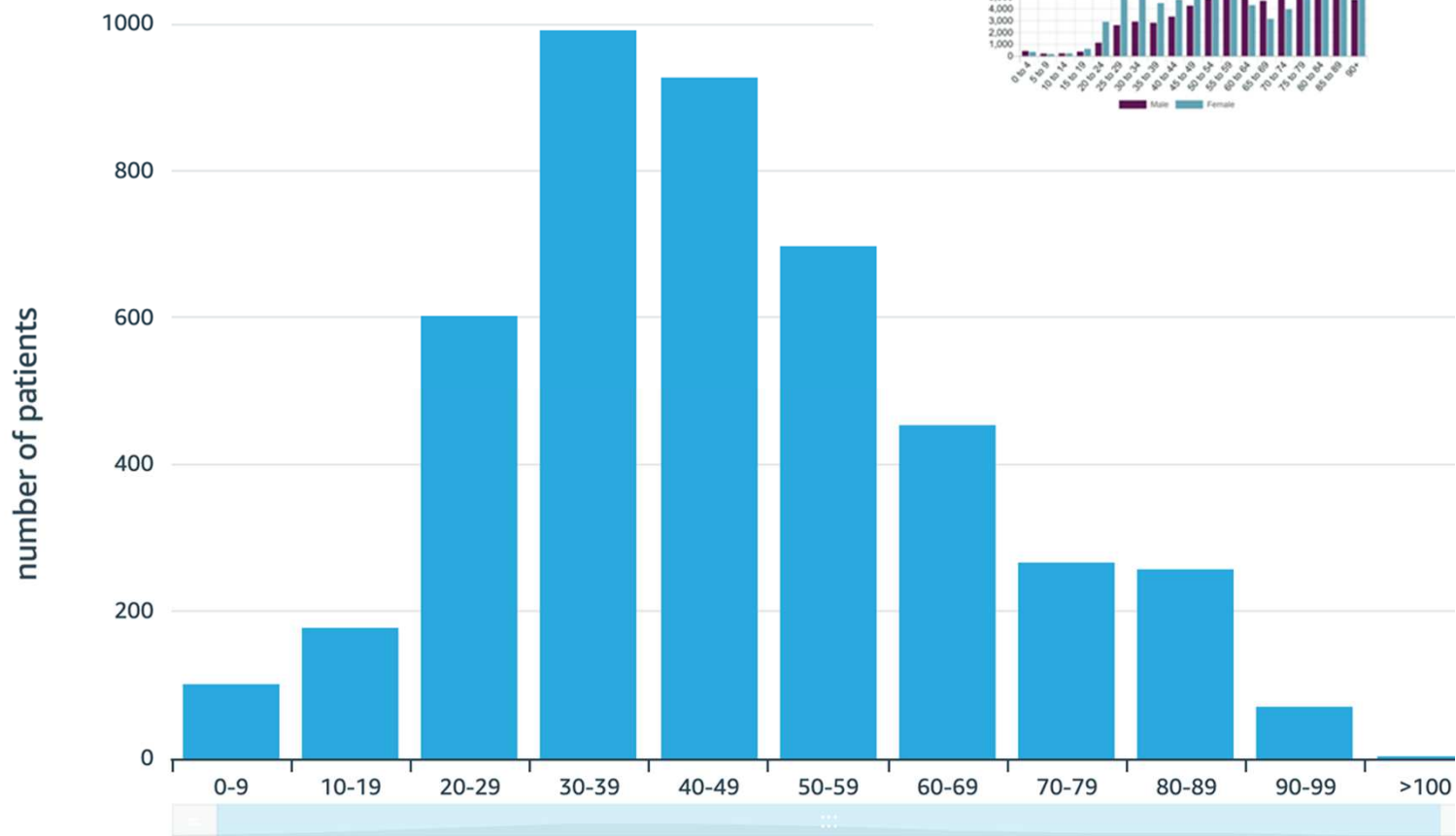
**Confirmed  
and GP  
suspected  
cases**

Note: the area of the chart in grey indicates provisional data. Not all cases tested for in this period have yet been incorporated into the data, and as such case numbers in the grey area are likely to be significantly higher than they currently appear to be.

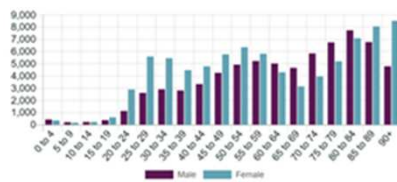


# Daily lab confirmed cases

## Age groups of Confirmed or Suspected COVID-19

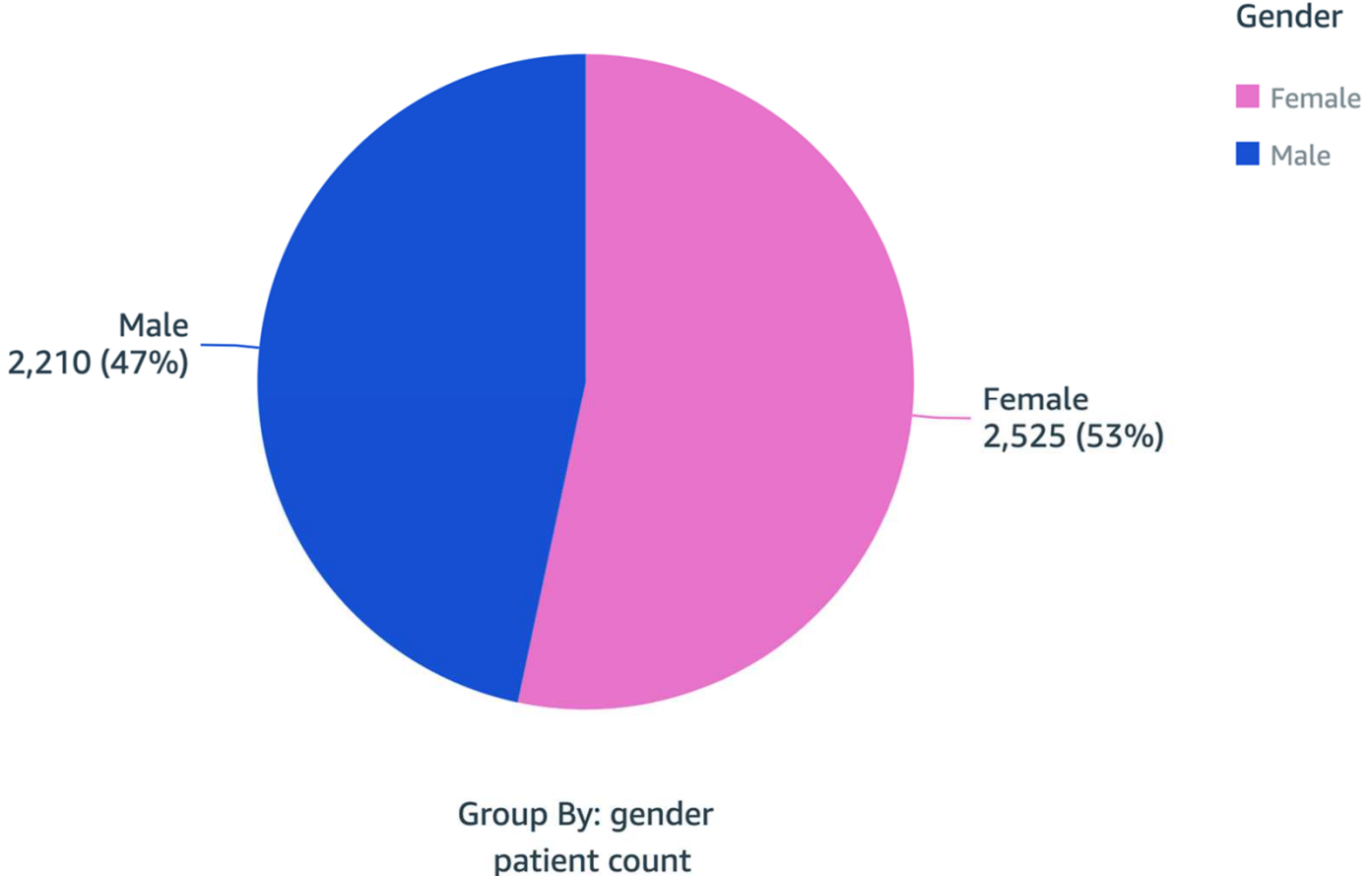


Total number of lab-confirmed cases in England by age and sex



# Age

# Gender split of Confirmed or Suspected COVID-19



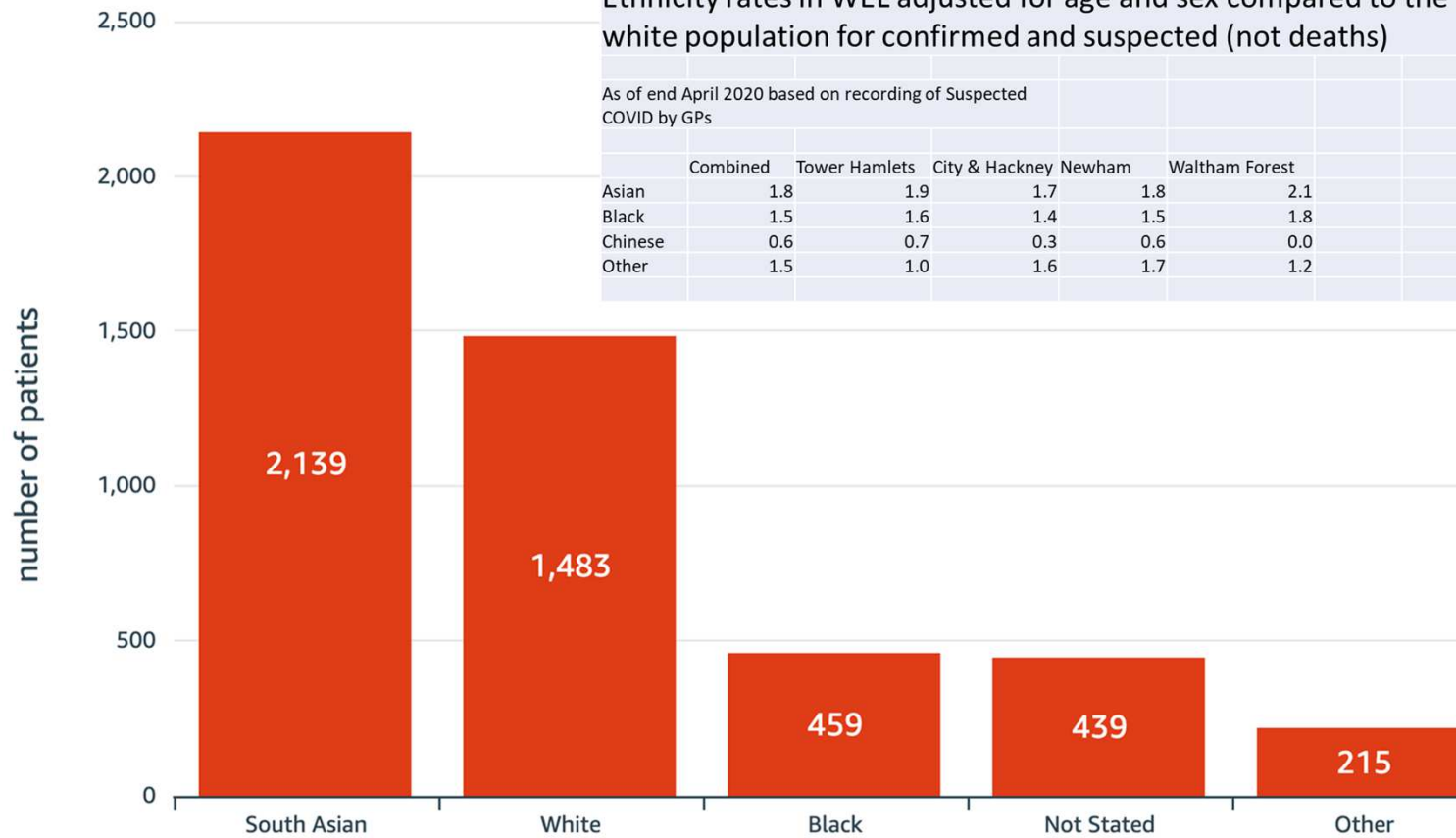
# Gender

## Ethnicity groups of Confirmed or Suspected COVID-19

Ethnicity rates in WEL adjusted for age and sex compared to the white population for confirmed and suspected (not deaths)

As of end April 2020 based on recording of Suspected COVID by GPs

	Combined	Tower Hamlets	City & Hackney	Newham	Waltham Forest
Asian	1.8	1.9	1.7	1.8	2.1
Black	1.5	1.6	1.4	1.5	1.8
Chinese	0.6	0.7	0.3	0.6	0.0
Other	1.5	1.0	1.6	1.7	1.2



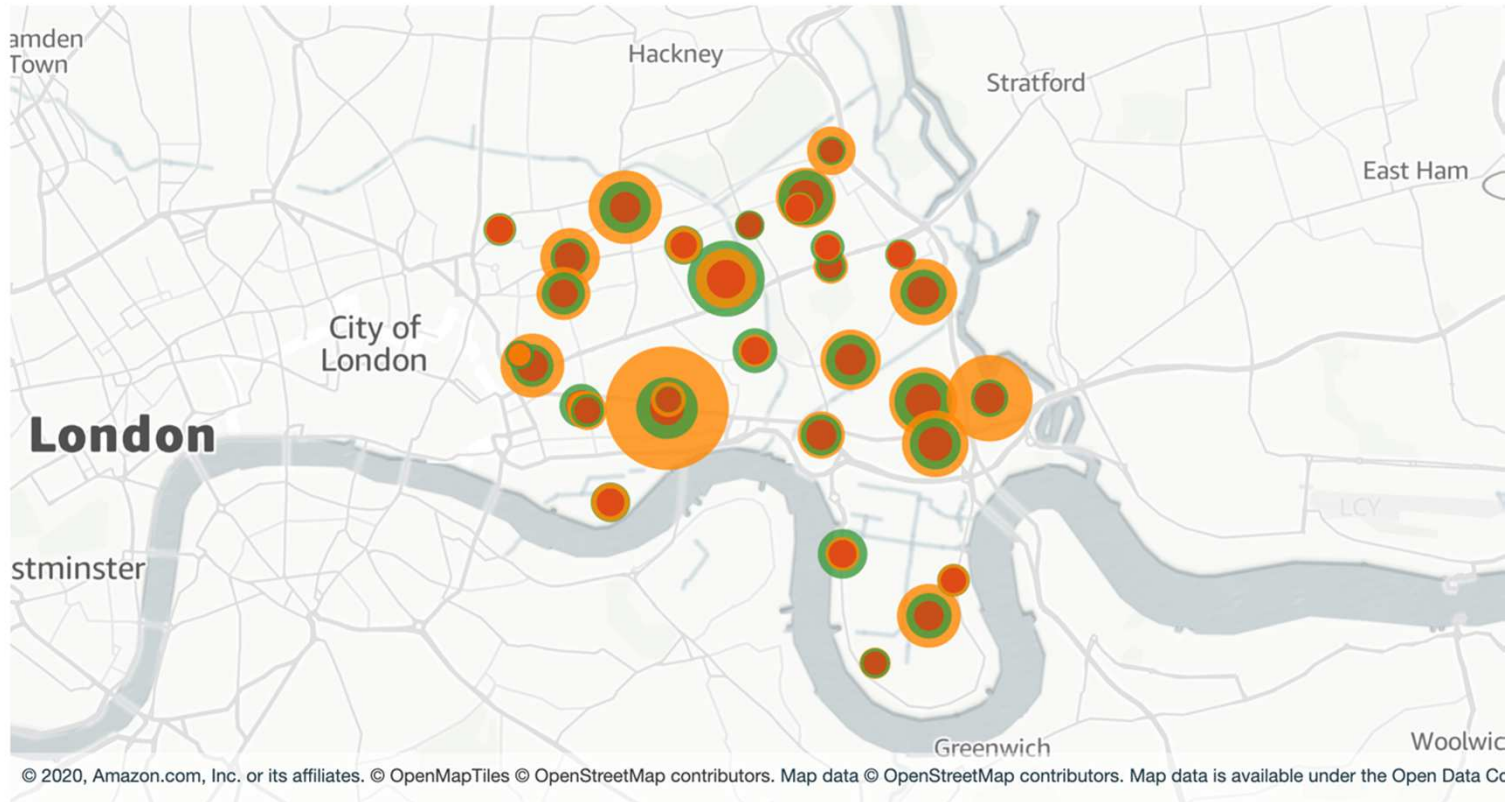
# Ethnicity



# Count of patients with Confirmed, Suspected and Tested for COVID-19

SHOWING TOP 32 IN LATITUDE, LONGITUDE AND TOP 3 IN CORONA\_STATUS

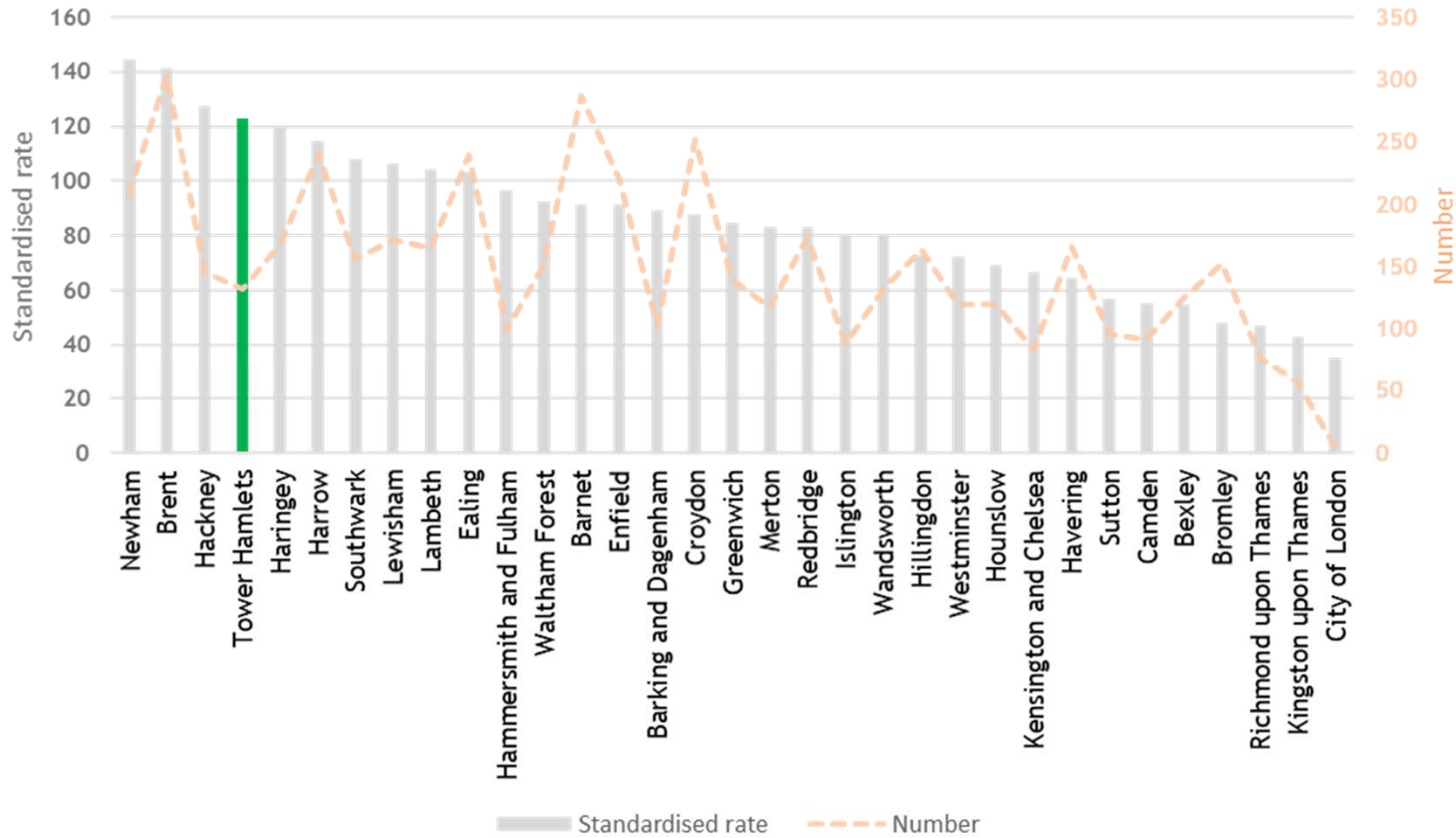
Confirmed Covid 19   Suspected coronavirus infection   Tested for coronavirus infection



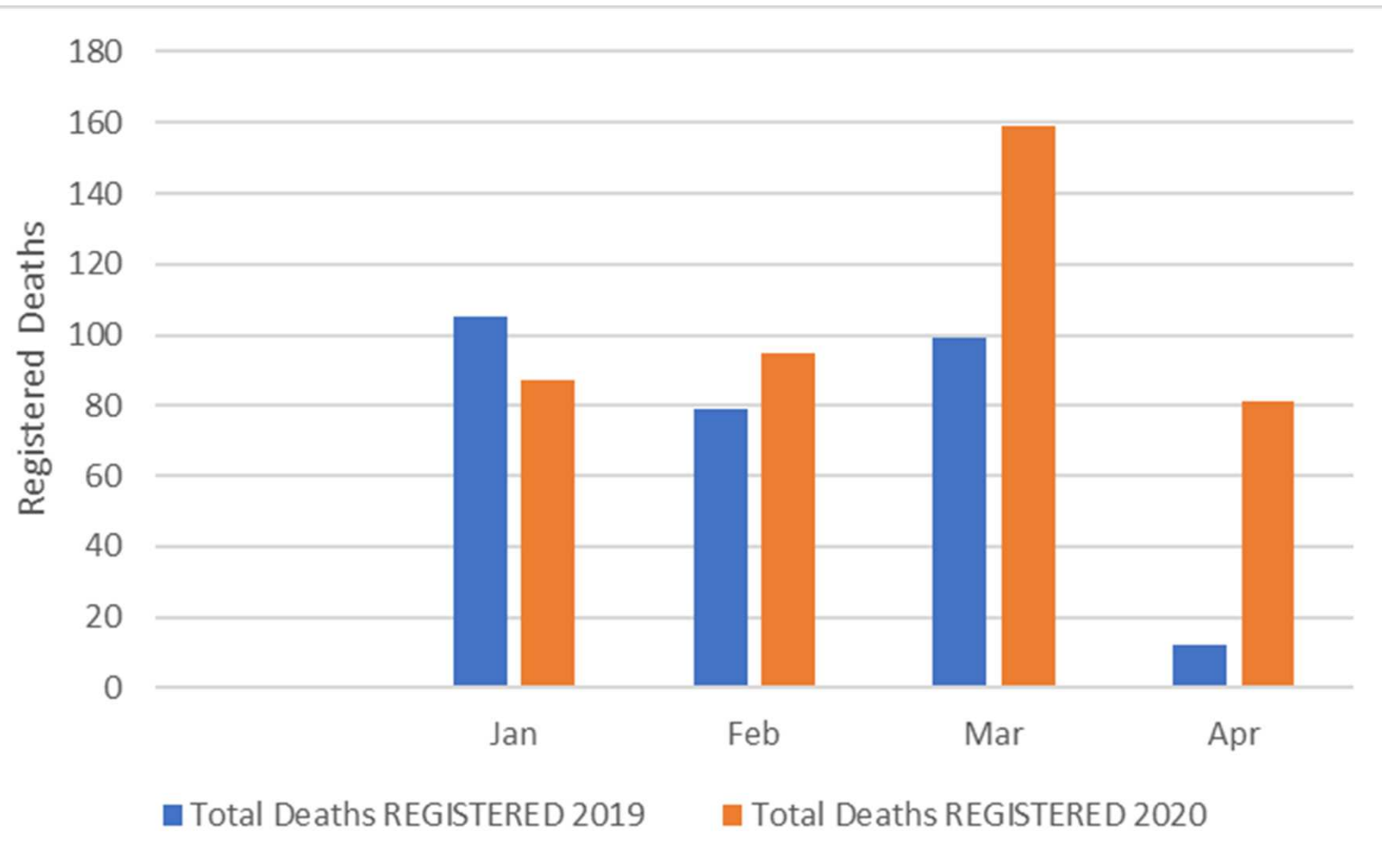
Place

Shows GP practice of cases

## Deaths due to COVID-19 in London, 1st March to 17th April 2020

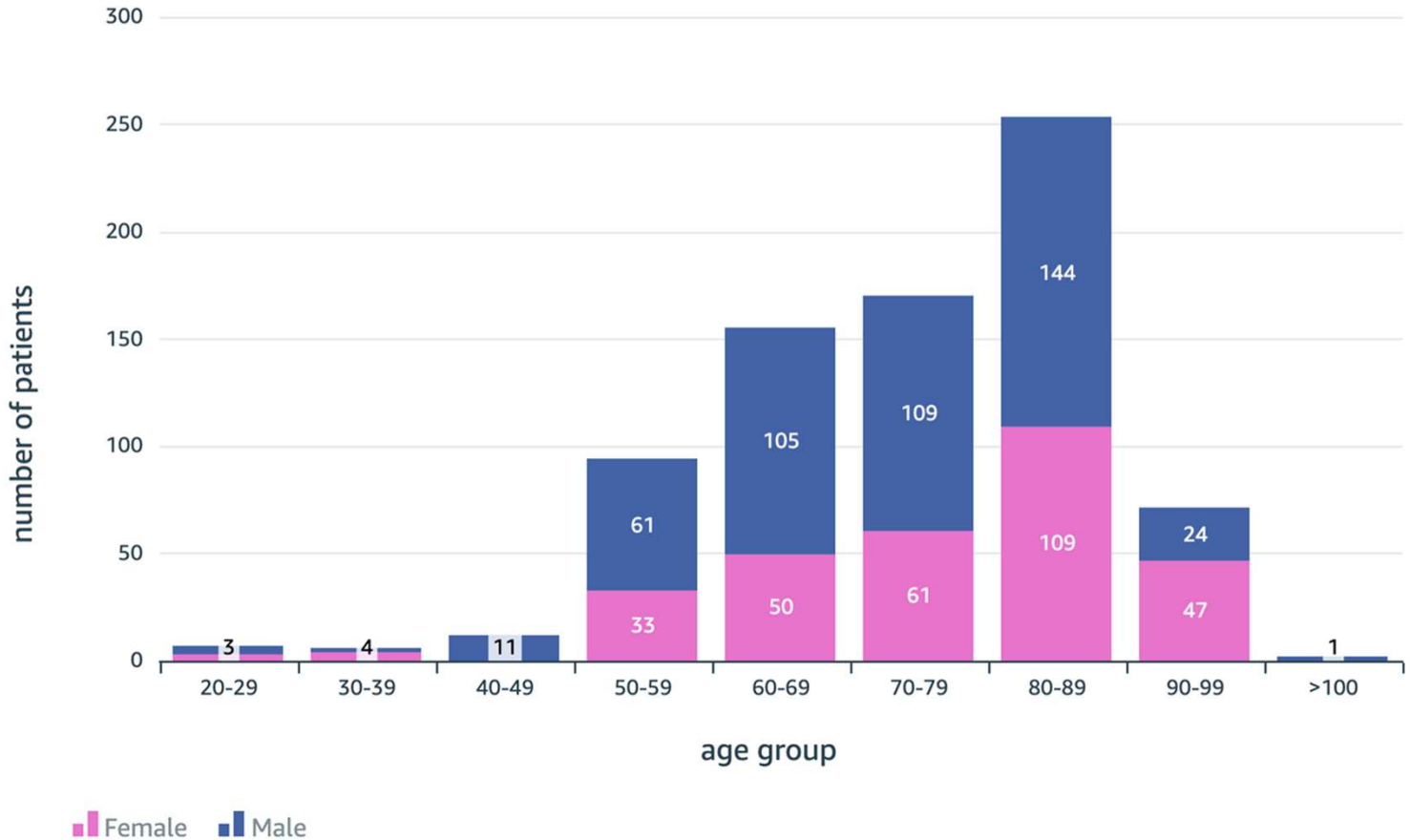


Deaths



Deaths from  
all causes

Count of deceased COVID-19 patients by age/sex (use filters to drill down)



Deaths by  
age and  
gender  
  
(East  
London)

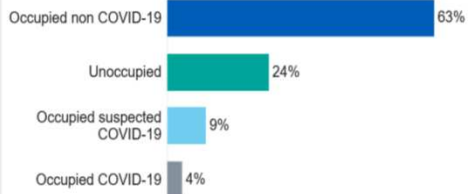


# North East London Commissioning Alliance

## North East London COVID Data: 04 June 2020

Number of available beds reported	Number of beds occupied by confirmed COVID-19 cases as of 8am	HDU/ITU beds occupied by confirmed COVID-19 cases as of 8am	Inpatients diagnosed with COVID-19 in past 24 hours	New admissions with COVID-19 in past 24 hours	Patients currently awaiting swab results as of 8am	All discharges	Of these discharges to usual place of residence	Staff - All Absences	Of these COVID-19 related absences
4,326	159	25	2	12	419	13	9 (69%)	1,940	924 (48%)

Number of beds occupied by COVID-19, suspected COVID-19, occupied by non COVID-19 and unoccupied



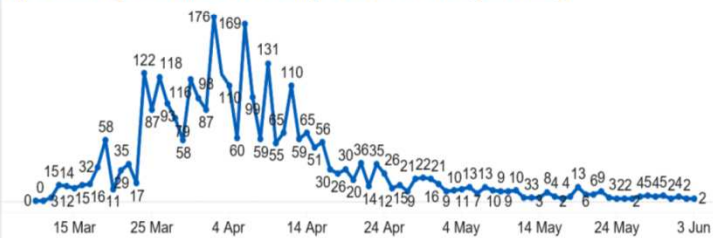
Number of confirmed COVID-19 patients occupying beds as of 8am



Number of confirmed COVID-19 patients occupying HDU/ITU beds as of 8am



Inpatients diagnosed with COVID-19 in past 24 hours in hospital setting



New admissions with COVID-19 in past 24 hours in hospital setting



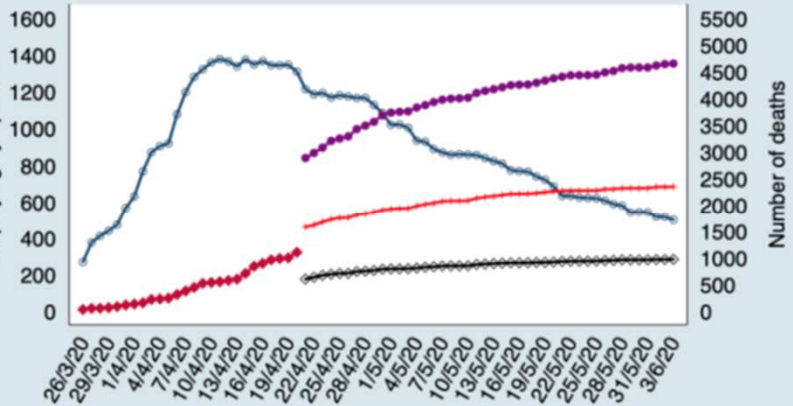
### An alliance of North East London Clinical Commissioning Groups

City and Hackney, Newham, Tower Hamlets, Waltham Forest, Barking and Dagenham, Havering and Redbridge CCGs

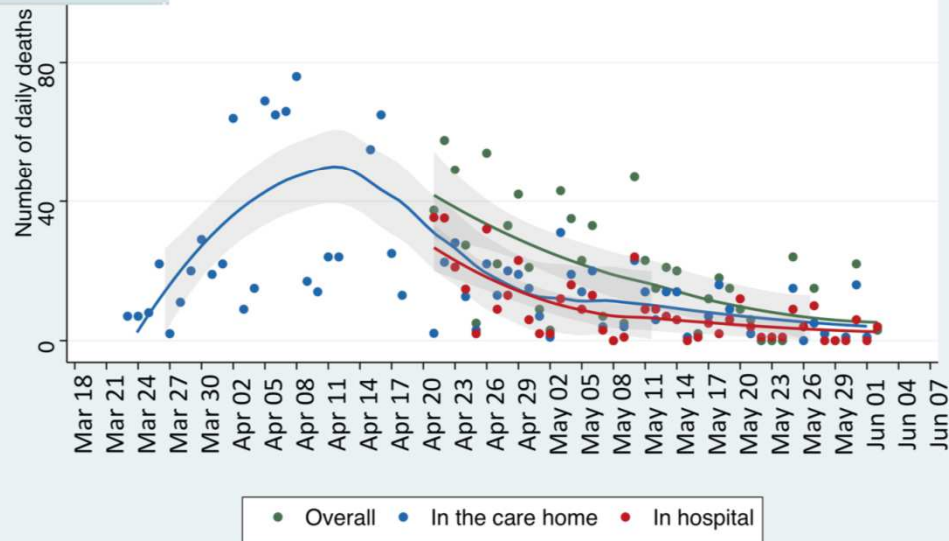
# Hospitals

### London: all care home residents

- COVID-19 symptoms
- Total deaths
- COVID-19 deaths (new)
- COVID-19 deaths in hosp.
- COVID-19 deaths (previous)



COVID-19 care home deaths per day

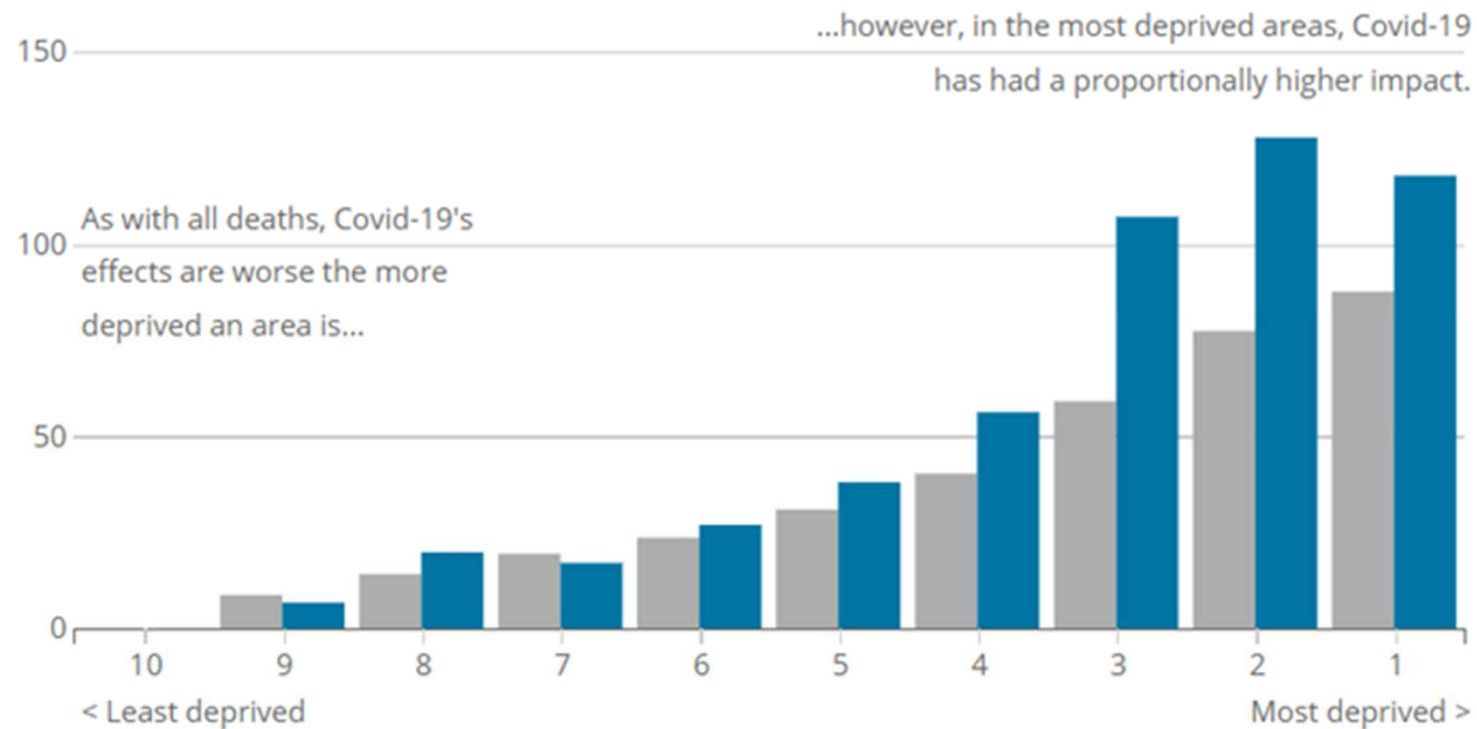


Care Homes

London  
analysis

■ All deaths   ■ Covid-19 deaths

Death rate as a % difference from the least deprived decile

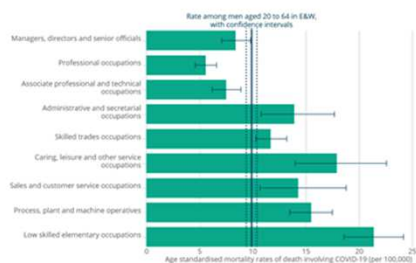


National analysis – deaths and deprivation

# National analysis – deaths and occupation

**Figure 1: Men working in low-skilled or caring, leisure and other service occupations had the highest rates of death involving COVID-19**

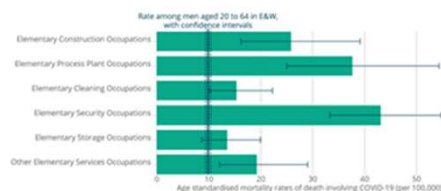
Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, by major occupational group, deaths registered up to, and including, 20 April 2020



Source: Office for National Statistics  
[Embed code](#)

**Figure 2: Among the lowest skilled workers, men working in Elementary security occupations had the highest rate of death involving COVID-19**

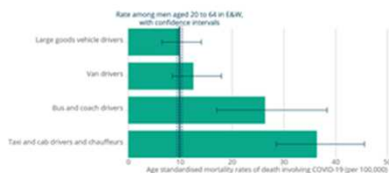
Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, deaths registered up to, and including, 20 April 2020



Source: Office for National Statistics  
[Embed code](#)

**Figure 3: Among road transport drivers, taxi and cab and chauffeurs had the highest rate of death involving COVID-19**

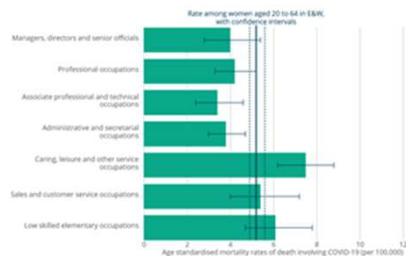
Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, deaths registered up to, and including, 20 April 2020



Source: Office for National Statistics

**Figure 4: Women working in caring, leisure and other service occupations had the highest rate of death involving COVID-19 compared with women of the same age in the general population**

Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, deaths registered up to, and including, 20 April 2020



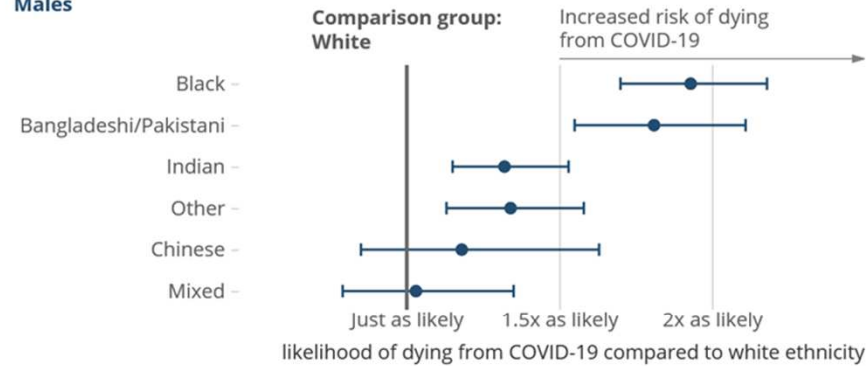
Source: Office for National Statistics



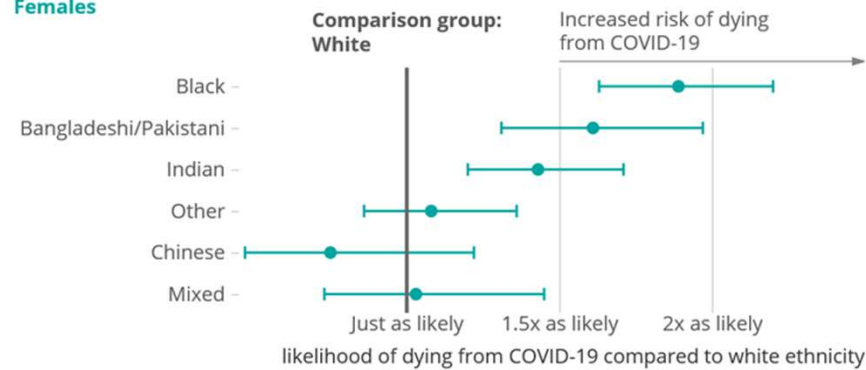
**Most ethnic minority groups are at greater risk of a COVID-19 death than the White population**

Risk of COVID-19 death by ethnic group and sex, England and Wales, 2 March to 10 April 2020, fully adjusted model

**Males**



**Females**



Source: Office for National Statistics

National analysis - ethnicity and deaths

# Responding to the epidemic



# Tower Hamlets response in first phase

## System wide response

Action across whole system eg  
Council  
NHS  
Emergency services  
Education and early years  
Voluntary sector  
Employments  
Housing  
Business  
Faith organisation

## Outputs

Informed, reassured public  
Public and private spaces minimising transmission  
Health and care system coping  
Most vulnerable protected  
Resilient services

## Outcomes

Cases and deaths minimised  
Health and wellbeing of most vulnerable sustained  
Wider impacts on population minimised or mitigated

# Priorities



## Health and care

- PPE, testing
- Discharge
- Homelessness
- Care homes

## Shielding

- Most vulnerable clinically
- Around 9000

## Community mobilisation

- Volunteering
- Customer contact
- Urgent and ongoing support (food, finance, social needs)

## Children and educations

- Medically complex
- Socially vulnerable
- Domestic violence
- Schools

## Excess death

- Faith burials
- PPE
- Mortuary capacity
- Safe, sensitive funerals

## Communications

- Aligning messages across system
- Capturing the amazing stories

## Track and Trace


- Contact tracing all confirmed cases

## Place

- Safe public realm
- Lockdown
- Social distancing




# Impact



**269,783**  
views of coronavirus  
website content



**639**  
new online Idea Store  
memberships



**14,393**  
e-books and audio books  
accessed



**26,166**  
new e-newsletter subscribers



**3,701**  
food parcels delivered



**2,994**  
phone calls to support  
self-isolating residents



**8,896**  
self-isolating people supported



**6,489**  
calls answered from vulnerable  
residents



**2,898**  
shielded residents supported



**2,044**  
volunteers recruited



**£97,781,665**  
business rate relief given to  
**3,187** businesses



**£63,000,000**  
government grants given to **4,245**  
businesses



**£98,210**  
in rent relief for community groups



**151,000**  
PPE items distributed to around  
**72** organisations



**4,031**  
books delivered to support home  
schooling of key worker children



**12,000**  
hot family meals provided  
over Easter



**45,711**  
free school meals provided



**111**  
rough sleepers helped off  
the streets

Data correct as of 14 May 2020



# Resident perspective



30 March -21 May 2020

## Your health and wellbeing in the COVID-19 pandemic

**healthwatch**  
Tower Hamlets

We are in the process of carrying out a survey online and on the phone.

We also analysed comments received from local people via telephone and email, NHS Choices, patient opinion and social media.

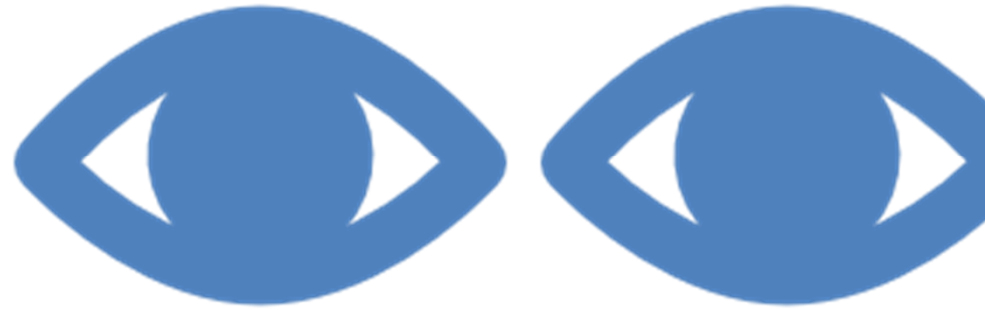
**354**  
respondents  
to date

**1237**  
further  
comments





Looking ahead



# The longer term..

There is an ongoing risk of further waves until an effective vaccine is available

It is likely that until then a combination of current measures will continue to some extent depending on levels of Covid-19 in the population (social distancing, hygiene, test and trace, shielding)

There remain important unknowns eg likelihood of reinfection, transmission of people with no symptoms

Our challenge is to work together to prevent infection, contain outbreaks, provide assurance to our residents and enable a level of normality to return to people's lives



Our response  
will be shaped  
by the COVID  
Alert Level

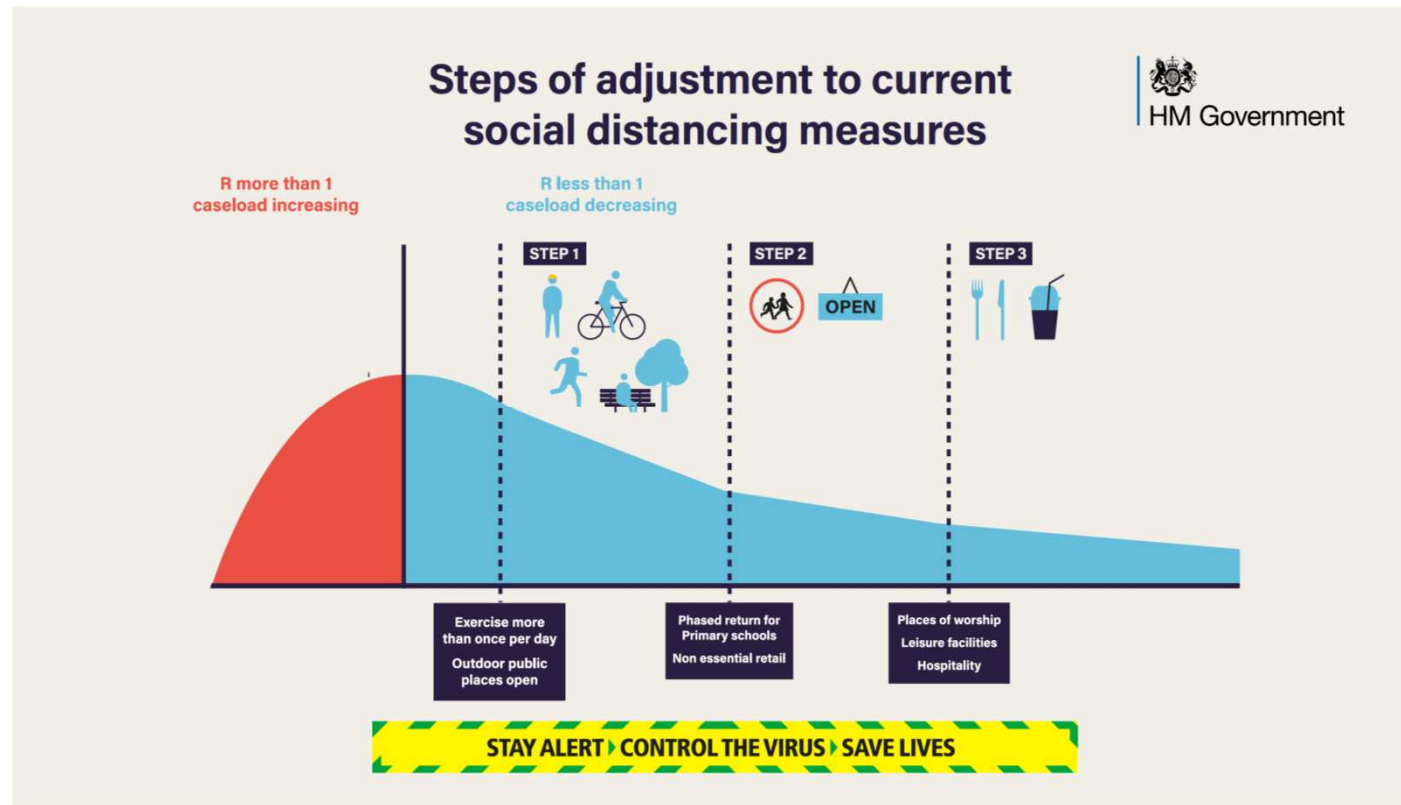
## COVID Alert Levels



Level	Description	Action
5	As level 4 and there is a material risk of healthcare services being overwhelmed	Social distancing measures increase from today's level
4	A COVID-19 epidemic is in general circulation; transmission is high or rising exponentially	Current social distancing measures and restrictions
3	A COVID-19 epidemic is in general circulation	Gradual relaxing of restrictions and social distancing measures
2	COVID-19 is present in the UK, but the number of cases and transmission is low	No or minimal social distancing measures; enhanced testing, tracing, monitoring and screening
1	COVID-19 is not known to be present in the UK	Routine international monitoring

STAY ALERT ▶ CONTROL THE VIRUS ▶ SAVE LIVES

The next two months are challenging but critical as lockdown is lifted



# Clarity of messaging will be essential



Stay at home as much as possible



Work from home if you can



Go to work if you can't work from home



Limit contact with other people



If you can, wear a face covering in enclosed spaces



Keep your distance if you go out (2m where possible)



Wash your hands regularly



Do not leave home if you or anyone in your household has symptoms

# Phase 2 Prevention and outbreak management



## Inputs

PPE advice/supply  
Social distancing advice  
Test, track and trace  
Shielding  
Specific setting support  
• Care homes  
• Schools  
• Public realm  
Outbreak management

## Outcomes

→ Sufficient/appropriate  
→ Right behaviours  
→ Minimisation of spread  
→ Shielded safe  
→ Minimisation of cases, deaths, public assured, providers feel safe  
→ Local outbreaks contained

## Outputs

Informed, reassured public  
Public and private spaces minimising transmission  
Health and care system coping  
Most vulnerable protected  
Resilient services

## Outcomes

Cases and deaths minimised  
Health and wellbeing of most vulnerable sustained  
Wider impacts on population minimised or mitigated

