

# **Surrey COVID-19 weekly intelligence summary**

17 August 2020

Surrey County Council

Public Health Team

# Contents

## Slide

---

3 Summary

---

4 Notes on the data presented

---

5 National context

---

10 COVID-19 cases in Surrey and districts and boroughs

---

24 R number

---

26 Data sources

# Summary

- COVID-19 cases shows a marginal increase in Surrey. Across the UK there has been a slight increase in cases this week.
- In week 32 (3-9 August), 4.0 cases per 100,000 population were recorded in Surrey. Surrey is ranked fourth lowest in the South East region.
- Up to 16 August 2020, daily case numbers in Surrey districts and boroughs remained low.
- The estimated R number for the South East is 0.8-0.9. This indicates the outbreak is stable or falling across the region. However there is a high degree of uncertainty around this estimate due to low case numbers and highly variable transmission across the region, so it is not robust enough to use for policy decisions.

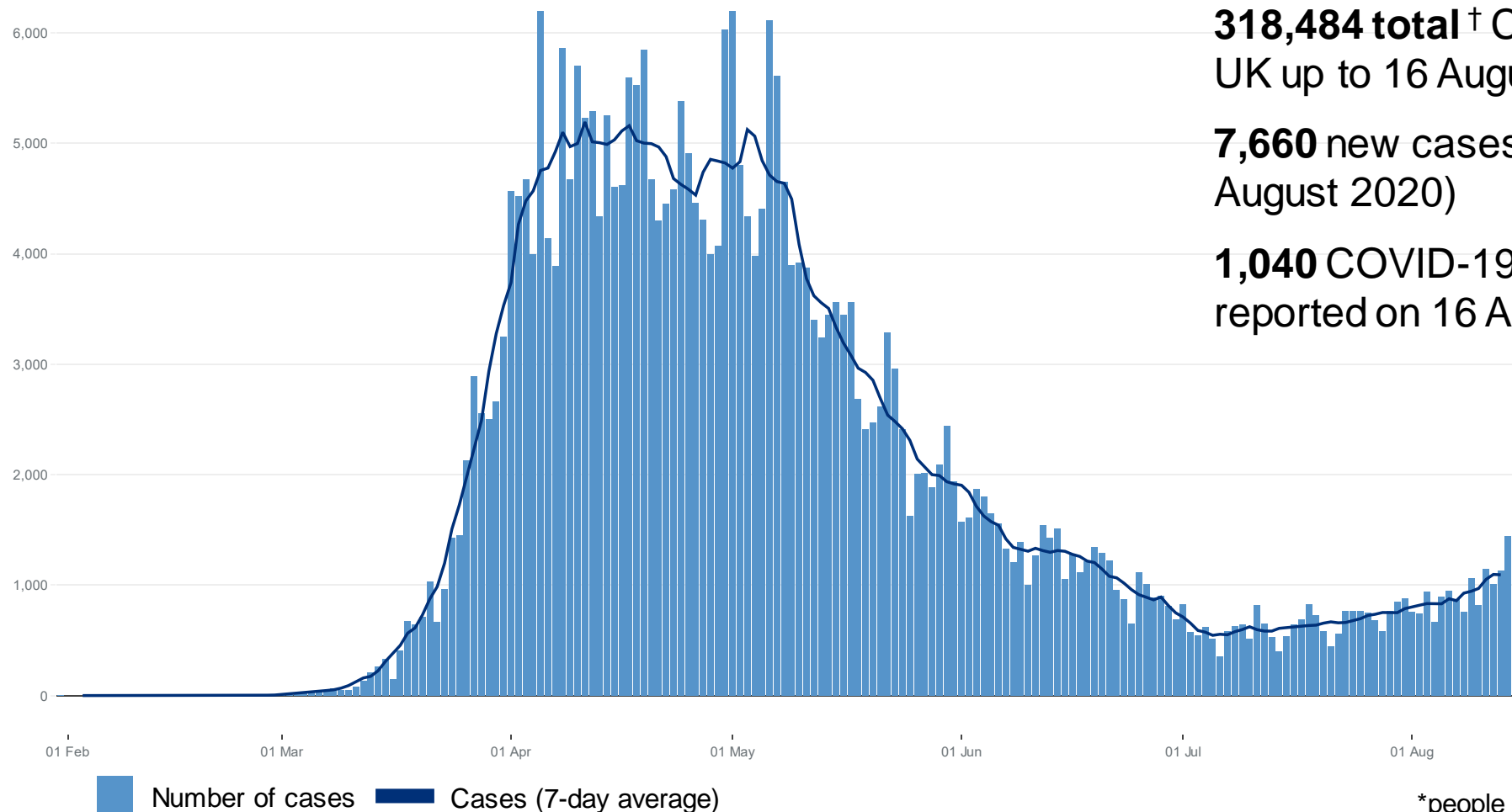
# Notes on the data presented

- The following figures and graphs are a summary of data in the public domain.
- The report presents the most up-to-date data at the time of writing (approx. one day before publication). This means some data may be from the previous week if new data is not available.
- There are no set numbers of cases that define an area as being at a particular level of concern. To give advice to key partners, two main areas need to be considered beyond simple numbers:
  1. Whether cases are linked to each other. Cases in a small area who have contracted COVID-19 from different sources requires a different response to cases in the same area who have contracted the virus from the same setting. There are strict definitions about what is an 'outbreak'. Local authorities work closely with Public Health England to establish if cases are linked or separate.
  2. Whether the case numbers are significantly and consistently greater than expected. This involves interpretation of a daily 'exceedance report' from Public Health England, which takes into account the size of local populations, recent trends, the level of statistical confidence in fluctuations in case numbers, and the situation outside Surrey.
- [Surrey's Local Outbreak Control Plan](#) has more information about the measures in place to identify and contain COVID-19 outbreaks and protect the public's health. This plan is regularly reviewed and updated.

# Putting Surrey in a national context

# COVID-19 cases\* in UK up to 16 August 2020

Daily cases by dates reported, UK, up to 16 August 2020



**318,484 total** † COVID-19 cases in UK up to 16 August 2020

**7,660** new cases this week (10-16 August 2020)

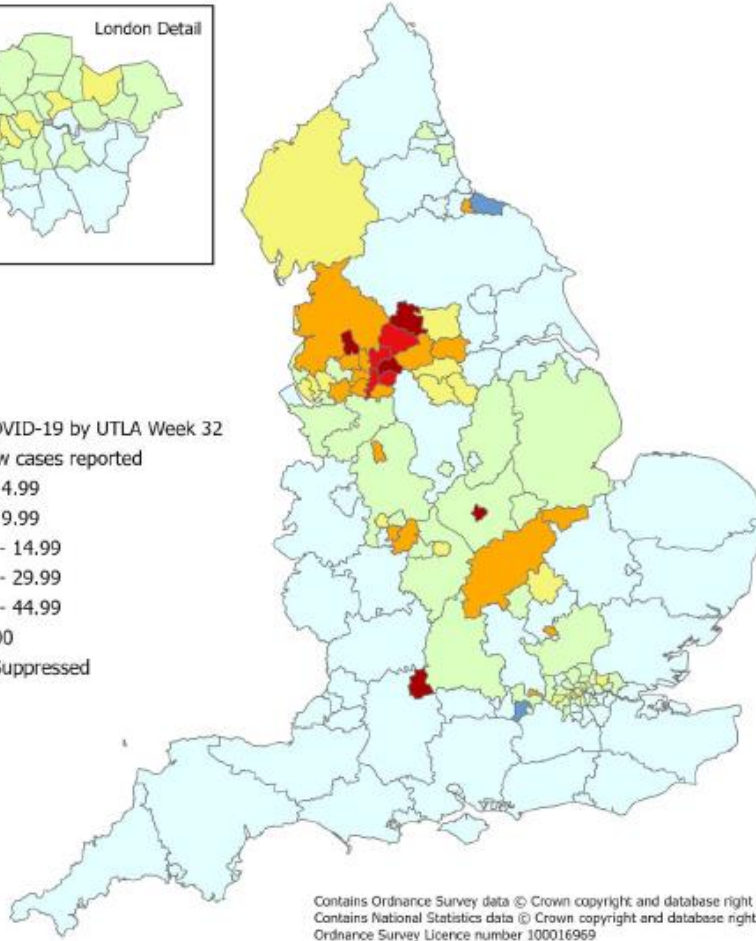
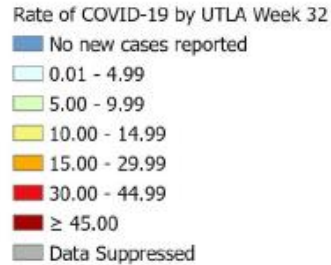
**1,040** COVID-19 cases in UK reported on 16 August 2020

\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# Weekly COVID-19 case rates\* in counties and London, England, 3-9 August 2020 (week 32<sup>†</sup>)



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Area	Cases per 100,000 population, week 32 <sup>†</sup>
South East PHE region	3.8
Oxfordshire	7.1
London	6.7
Kent	4.9
Buckinghamshire	4.3
<b>Surrey</b>	<b>4.0</b>
West Sussex	2.2
East Sussex	2.2
Hampshire	1.8
West Berkshire	1.3

\*rate per 100,000 population

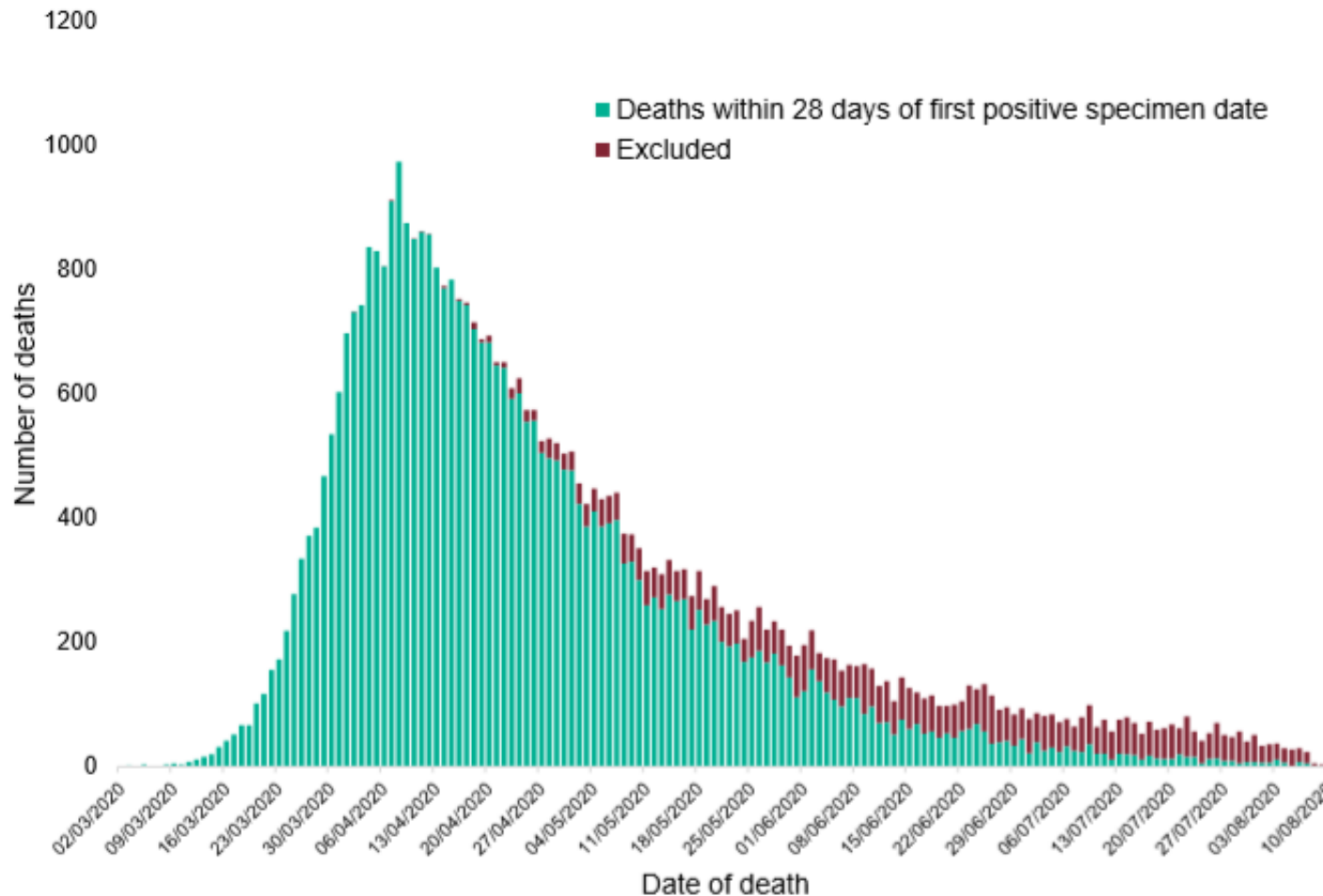
<sup>†</sup>week number in calendar year (1 January is in week 1)

Source (map): [Public Health England, weekly COVID-19 surveillance report, year 2020 week 33](#)

Source (table): [Public Health England, national COVID-19 surveillance data report: 14 August 2020 \(week 33\)](#)

# COVID-19 deaths\* in England up to 16 August 2020

Daily deaths by dates reported, England, up to 11 August 2020



**36,728 total** COVID-19 deaths in England up to 16 August 2020

**76 new deaths** this week (10-16 August 2020)

**Under 5** deaths in England reported on the 16<sup>th</sup> of August 2020

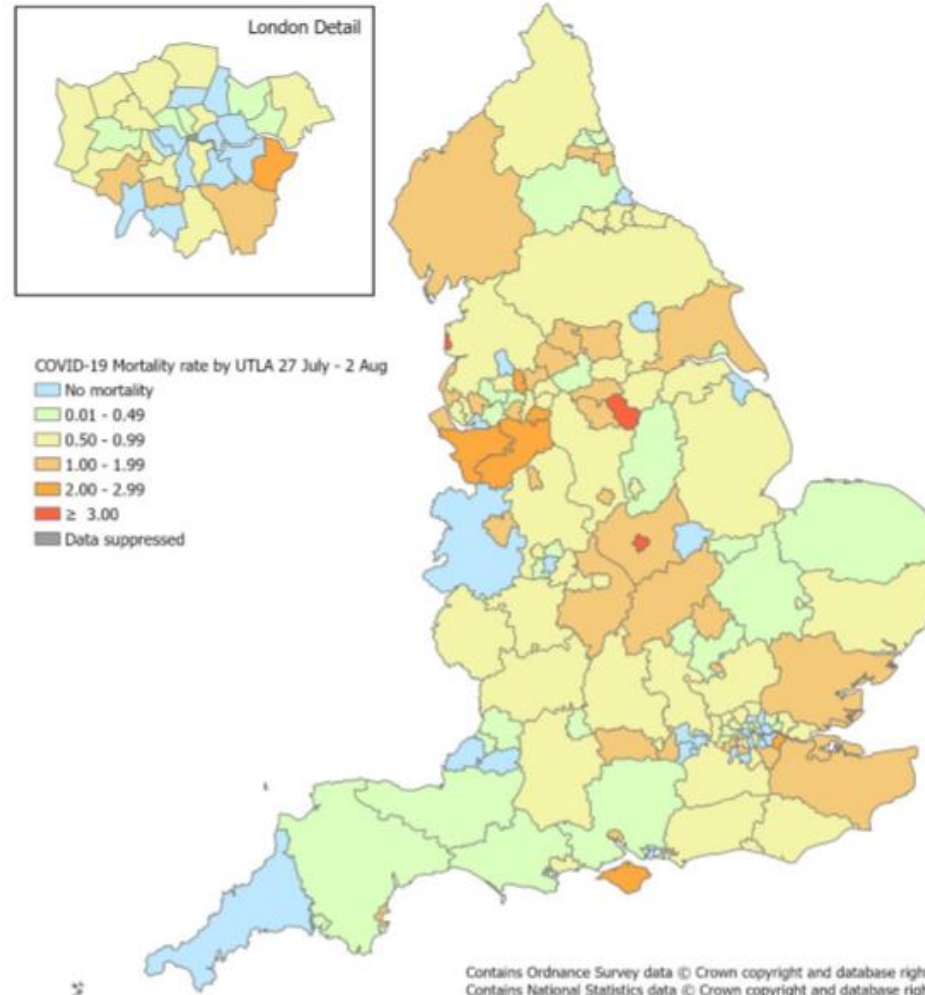
*Note: numbers under 5 suppressed*  
Excluded deaths is when the difference between the first positive specimen date and date of death is over 28 days.

\*total number of deaths of people who have had a positive test result for COVID-19

Source: [PHE COVID-19 Deaths in England Data Series](#)



# Weekly COVID-19 death rates\* in counties and London, England, 27 July-2 August 2020 (week 31<sup>†</sup>)



\*rate per 100,000 population

<sup>†</sup>week number in calendar year (1 January is in week 1)

Source: [Public Health England, weekly COVID-19 surveillance report, year 2020 week 32](#)

17/08/2020

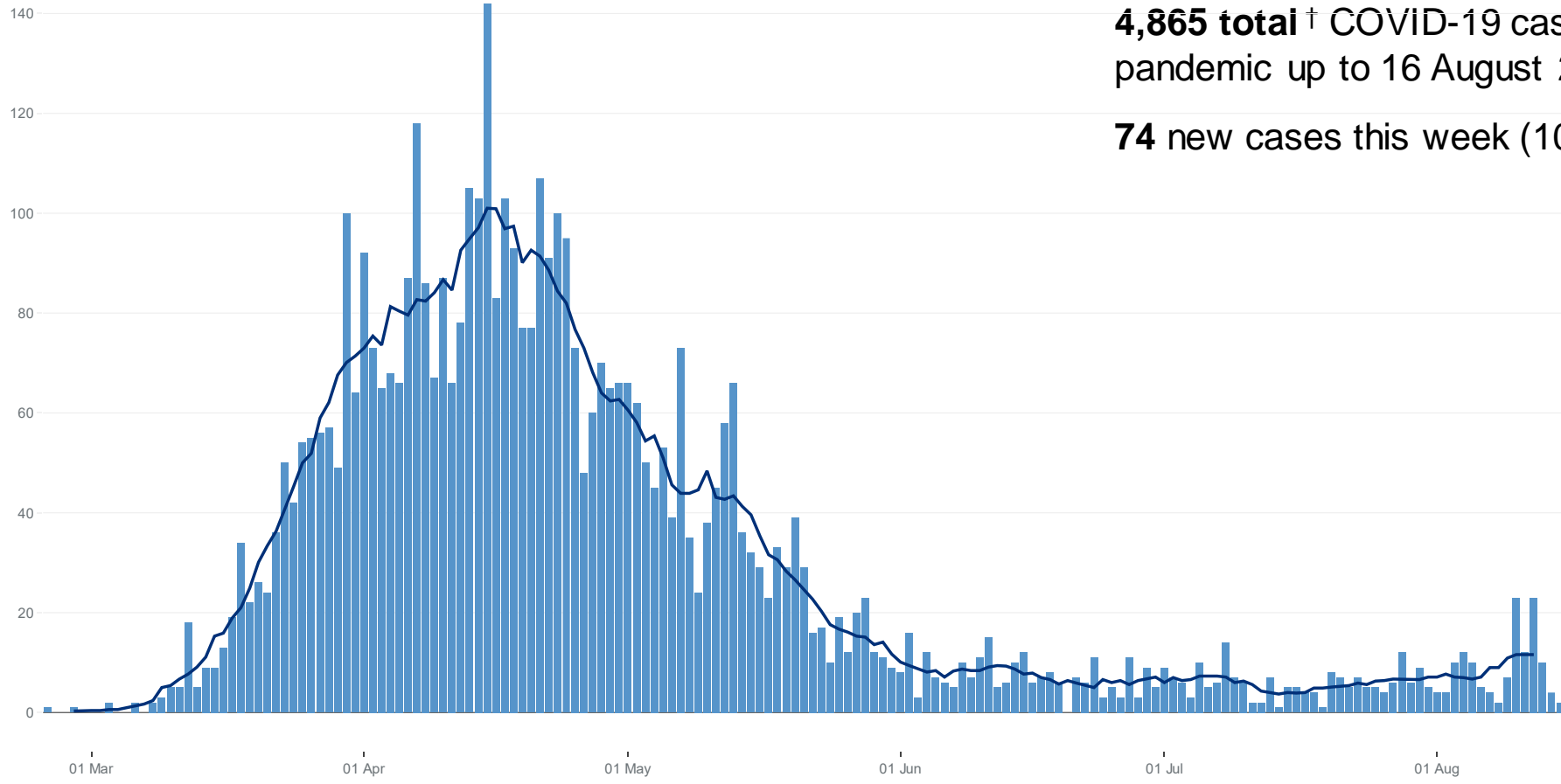
# Cases in Surrey & districts & boroughs

# COVID-19 cases\* in Surrey up to 16 August 2020

Daily cases by dates reported, Surrey, up to 16 August 2020

**4,865 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**74 new cases** this week (10-16 August 2020)



■ Number of cases ■ Cases (7-day average)

\*people with a lab-confirmed positive test result  
 † cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

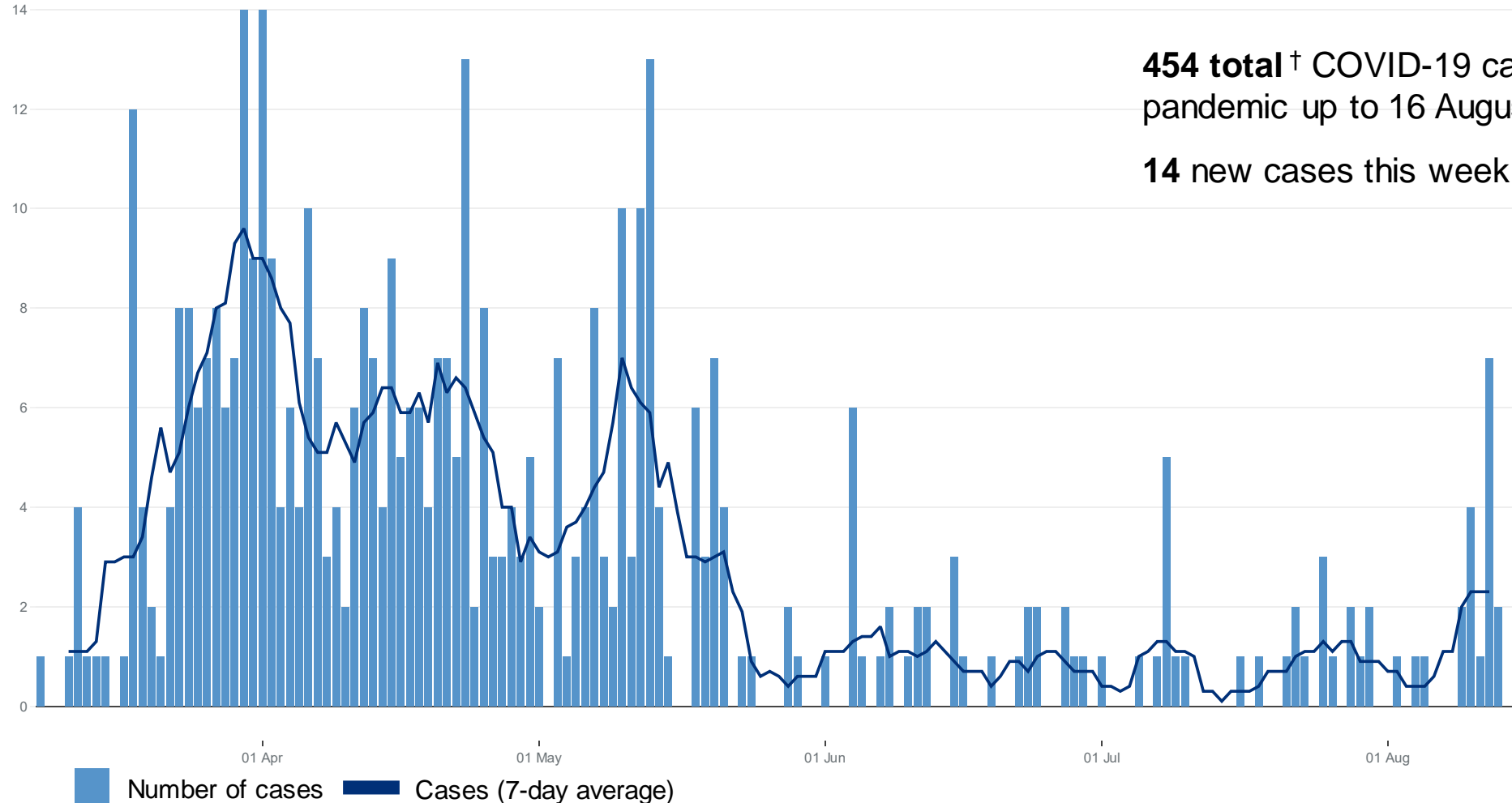
# Total COVID-19 cases\* in Surrey districts and boroughs up to 16 August 2020

Area	Total COVID-19 cases	Rate per 100,000 population
England	275,200	488.9
Surrey	4,865	406.7
Reigate and Banstead	798	536.5
Surrey Heath	455	509.5
Epsom and Ewell	345	427.9
Woking	393	389.9
Guildford	576	386.6
Runnymede	345	385.8
Mole Valley	335	384
Tandridge	336	381.3
Waverley	476	376.8
Spelthorne	352	352.5
Elmbridge	454	331.9

\*cumulative number of people with a lab-confirmed positive test result  
Source: [GOV.UK, COVID-19 cases in the UK](https://www.gov.uk/government/statistics/covid-19-cases-in-the-uk)

# COVID-19 cases\* in Elmbridge up to 16 August 2020

Daily cases by dates reported, Elmbridge, up to 16 August 2020



**454 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**14 new cases** this week (10-16 August 2020)

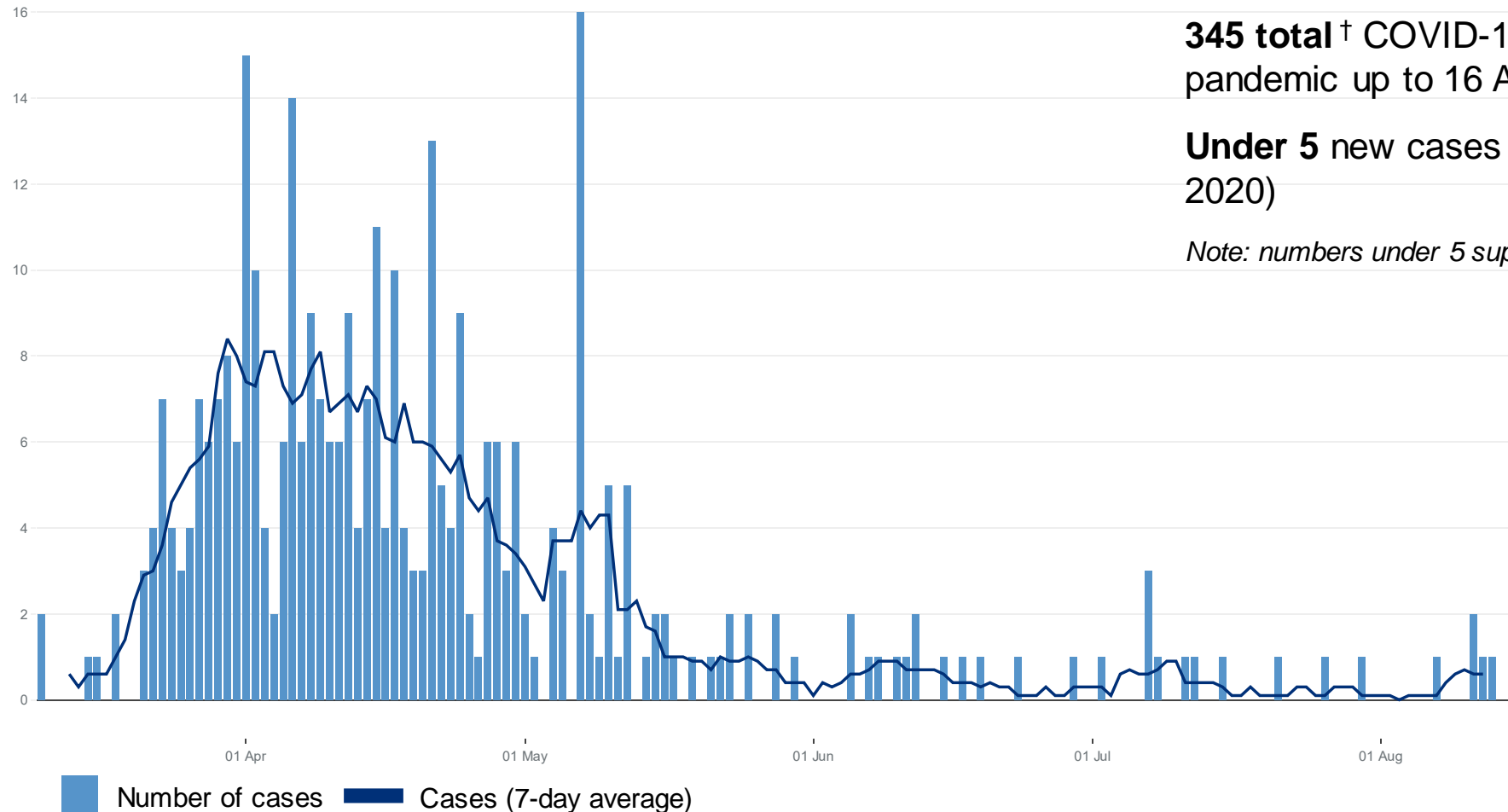
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Epsom and Ewell up to 16 August 2020

Daily cases by dates reported, Epsom and Ewell, up to 16 August 2020



**345 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**Under 5** new cases this week (10-16 August 2020)

*Note: numbers under 5 suppressed*

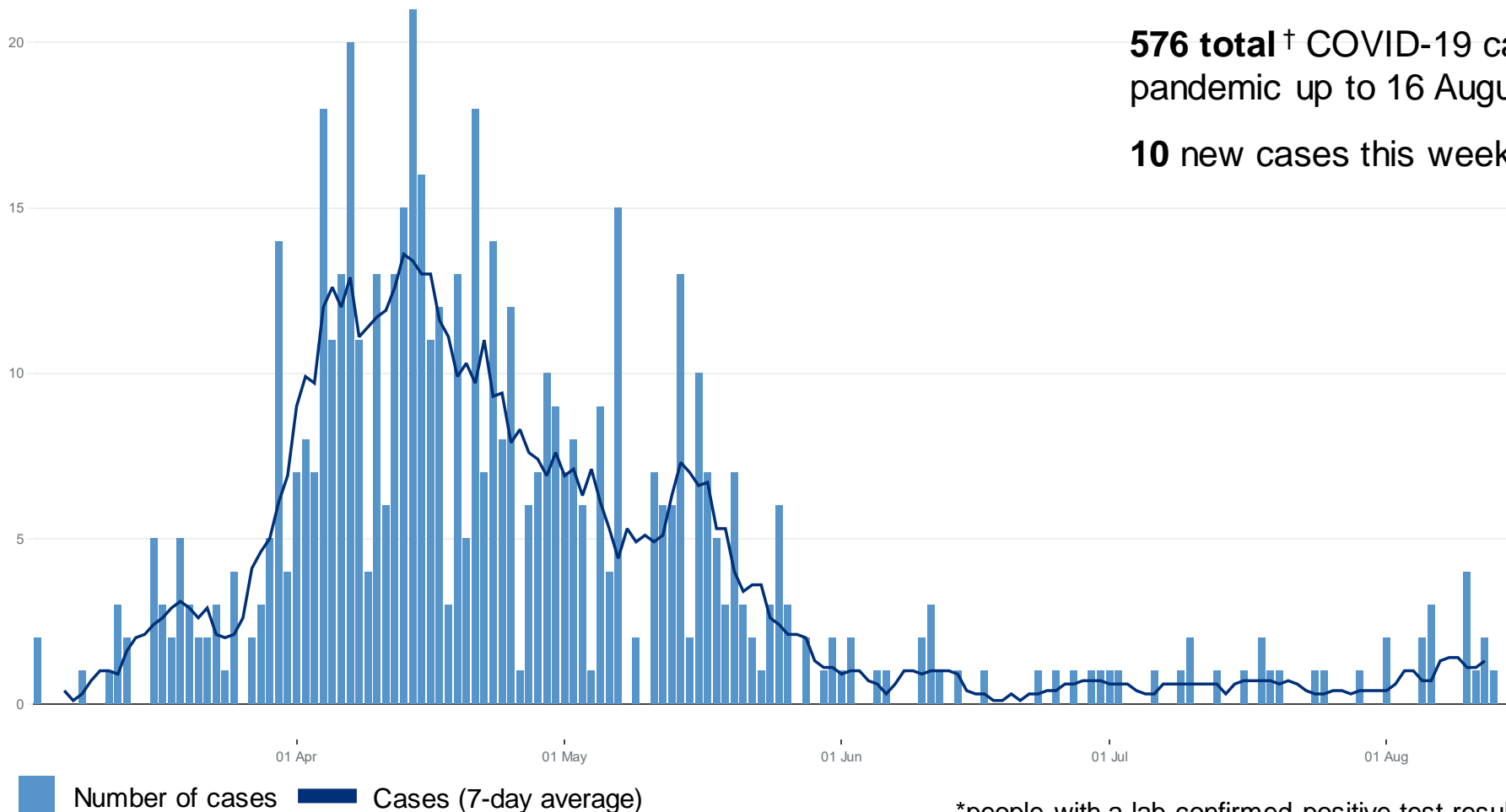
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Guildford up to 16 August 2020

Daily cases by dates reported, Guildford, up to 16 August 2020



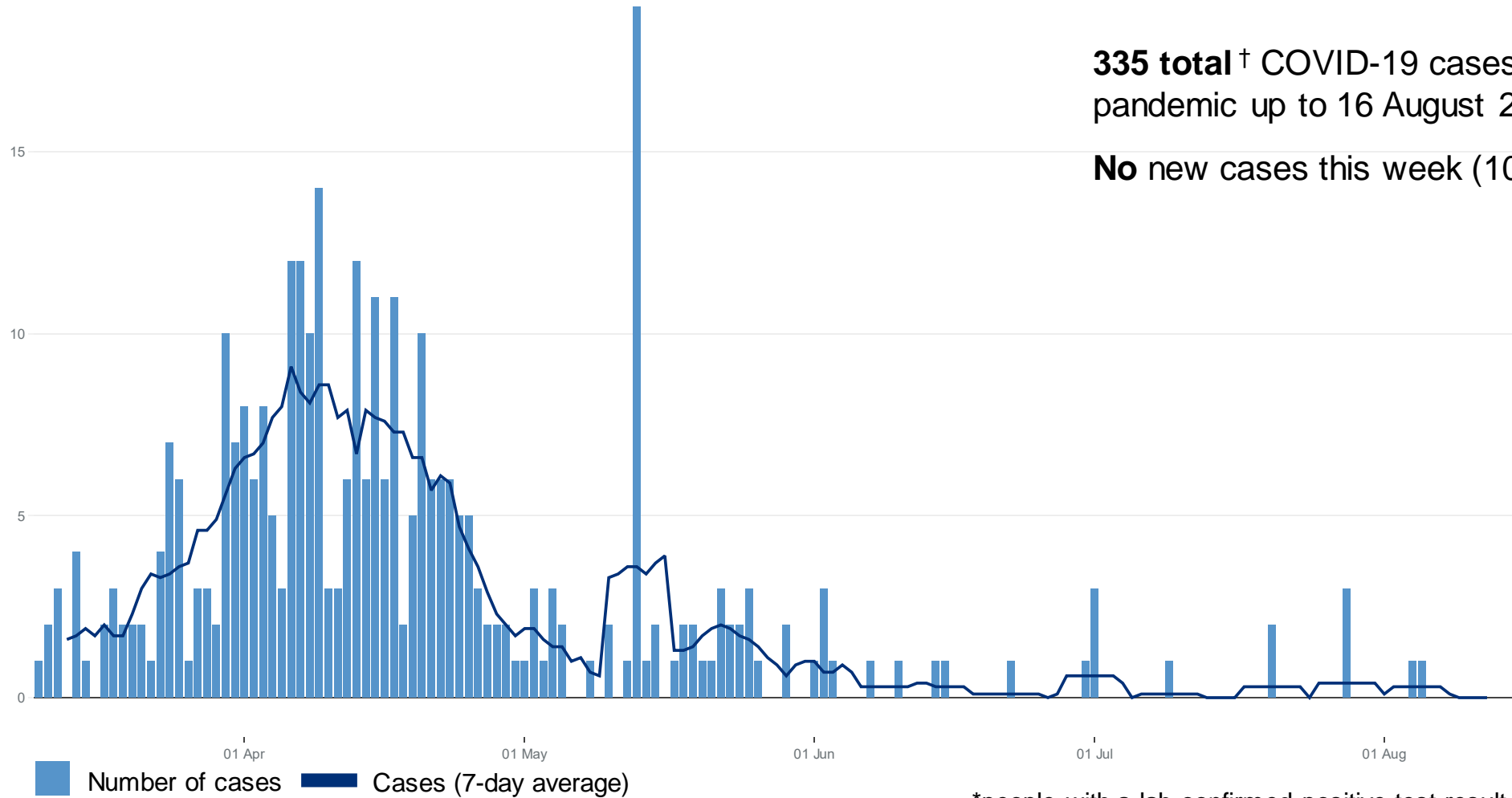
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Mole Valley up to 16 August 2020

Daily cases by dates reported, Mole Valley, up to 16 August 2020



**335 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**No** new cases this week (10-16 August 2020)

■ Number of cases ■ Cases (7-day average)

\*people with a lab-confirmed positive test result

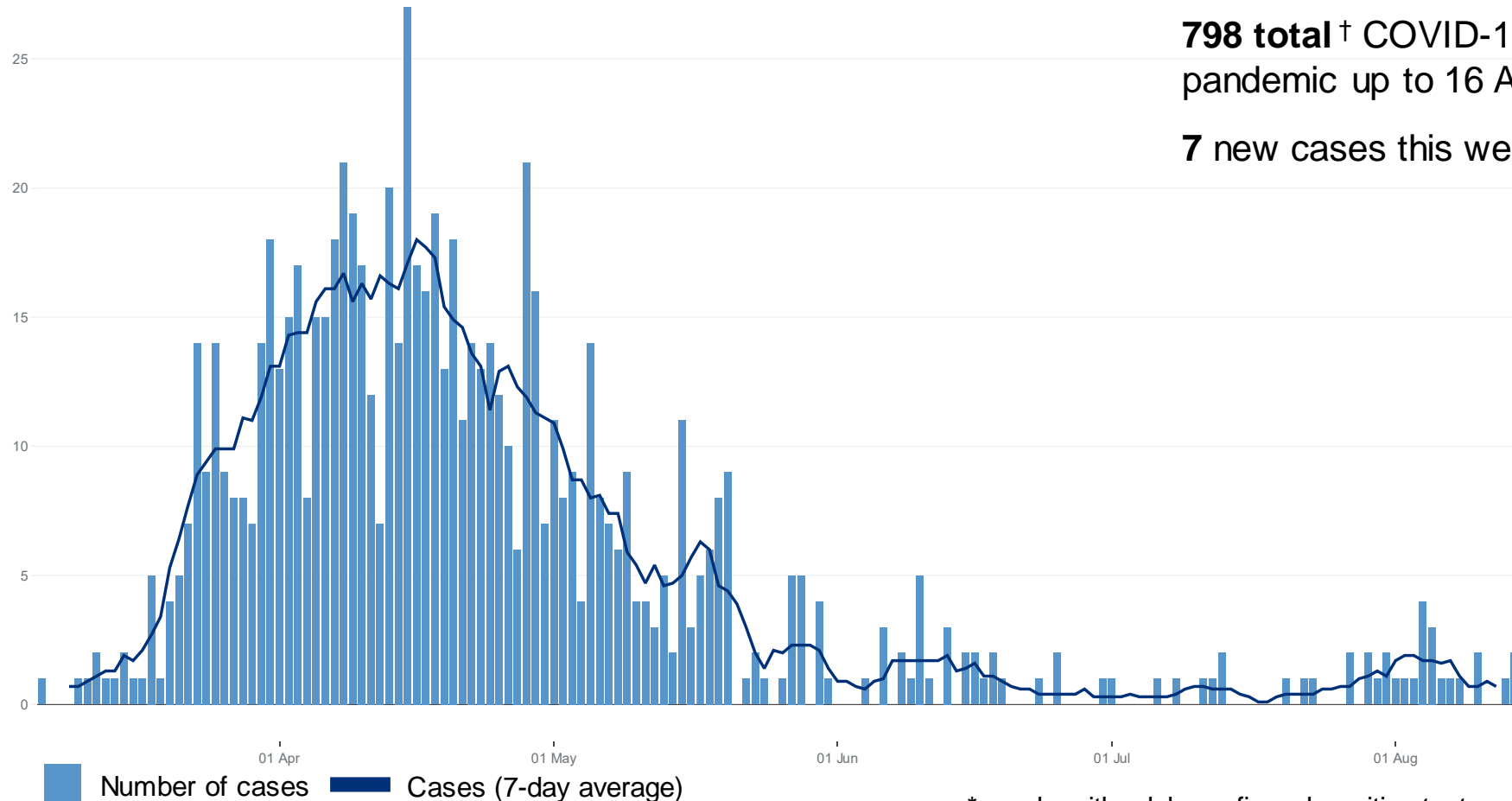
† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)



# COVID-19 cases\* in Reigate and Banstead up to 16 August 2020

Daily cases by dates reported, Reigate and Banstead, up to 16 August 2020



**798 total** † COVID-19 cases since start of pandemic up to 16 August 2020

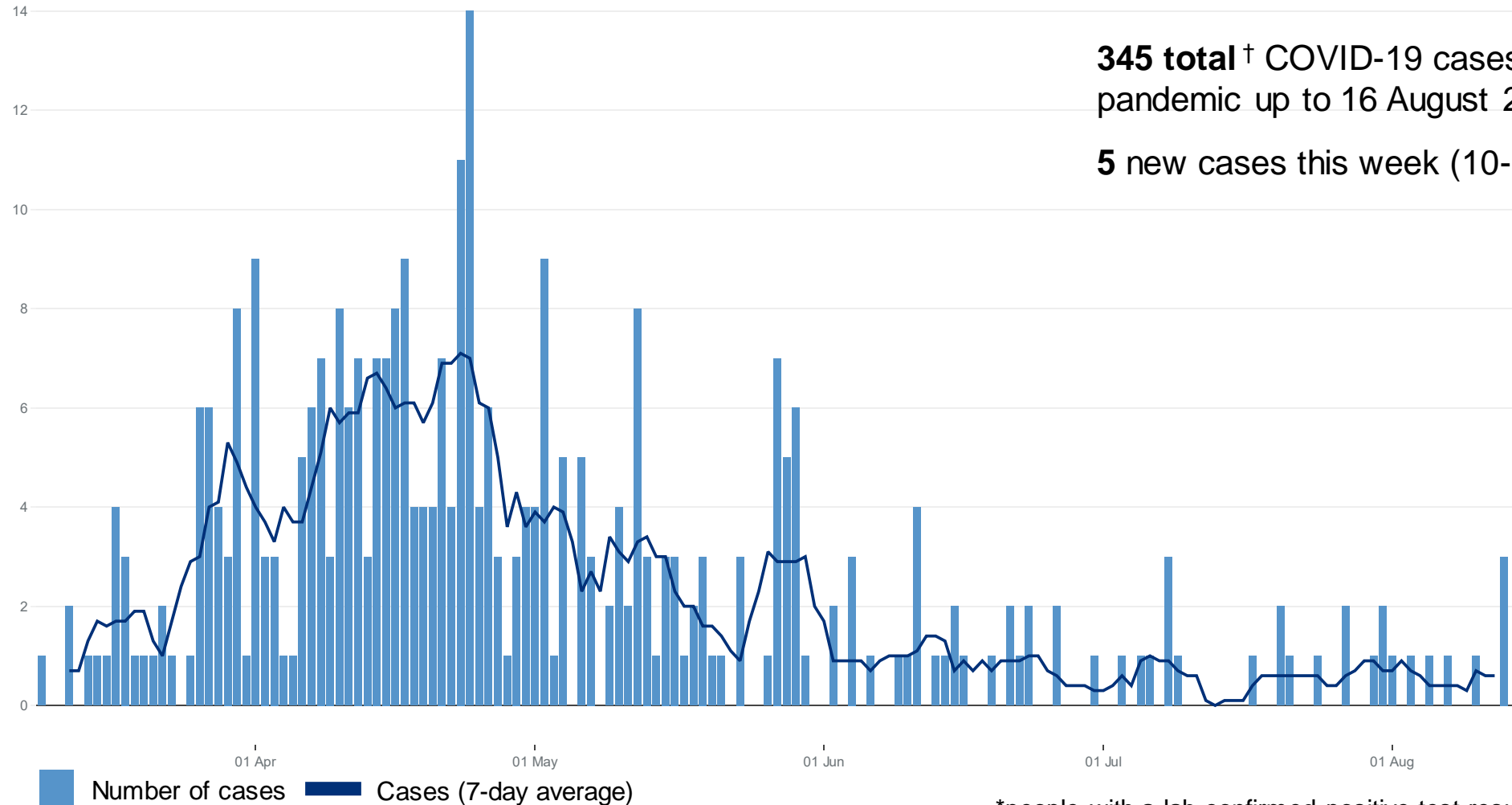
**7 new cases** this week (10-16 August 2020)

\*people with a lab-confirmed positive test result  
 † cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Runnymede up to 16 August 2020

Daily cases by dates reported, Runnymede, up to 16 August 2020



**345 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**5 new cases** this week (10-16 August 2020)

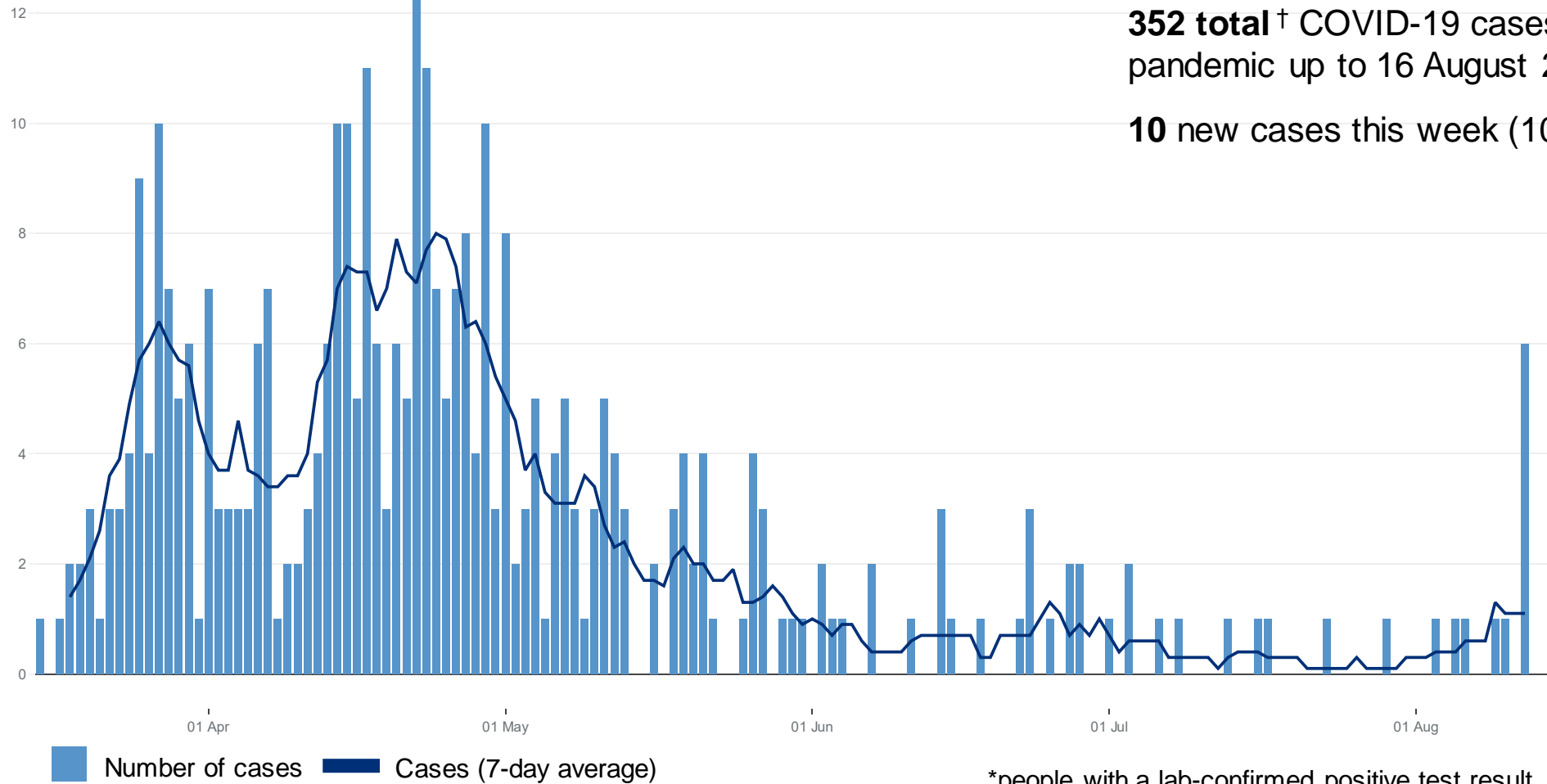
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Spelthorne up to 16 August 2020

Daily cases by dates reported, Spelthorne, up to 16 August 2020



**352 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**10 new cases** this week (10-16 August 2020)

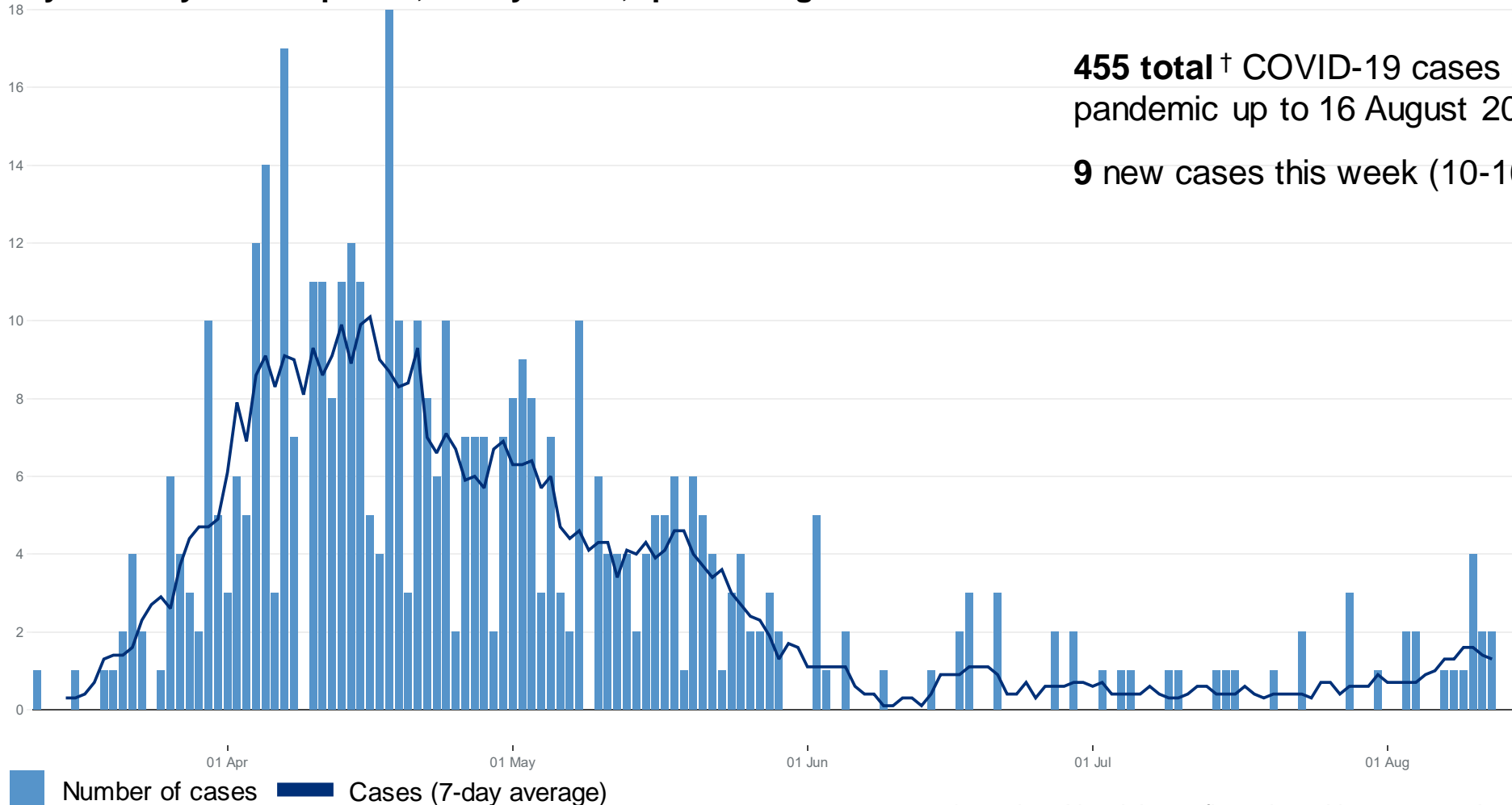
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Surrey Heath up to 16 August 2020

Daily cases by dates reported, Surrey Heath, up to 16 August 2020



**455 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**9 new cases** this week (10-16 August 2020)

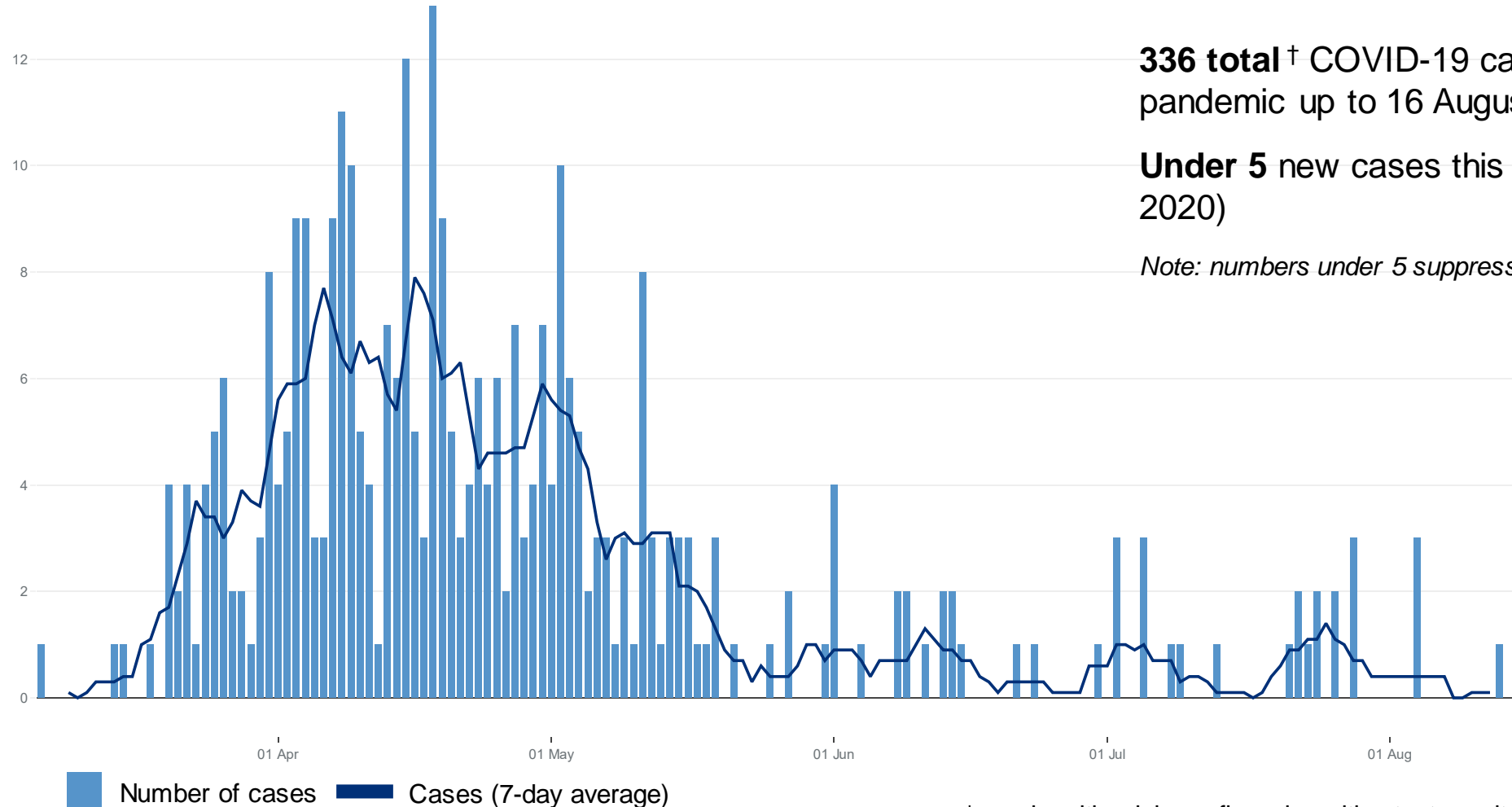
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Tandridge up to 16 August 2020

Daily cases by dates reported, Tandridge, up to 16 August 2020



**336 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**Under 5** new cases this week (10-16 August 2020)

*Note: numbers under 5 suppressed*

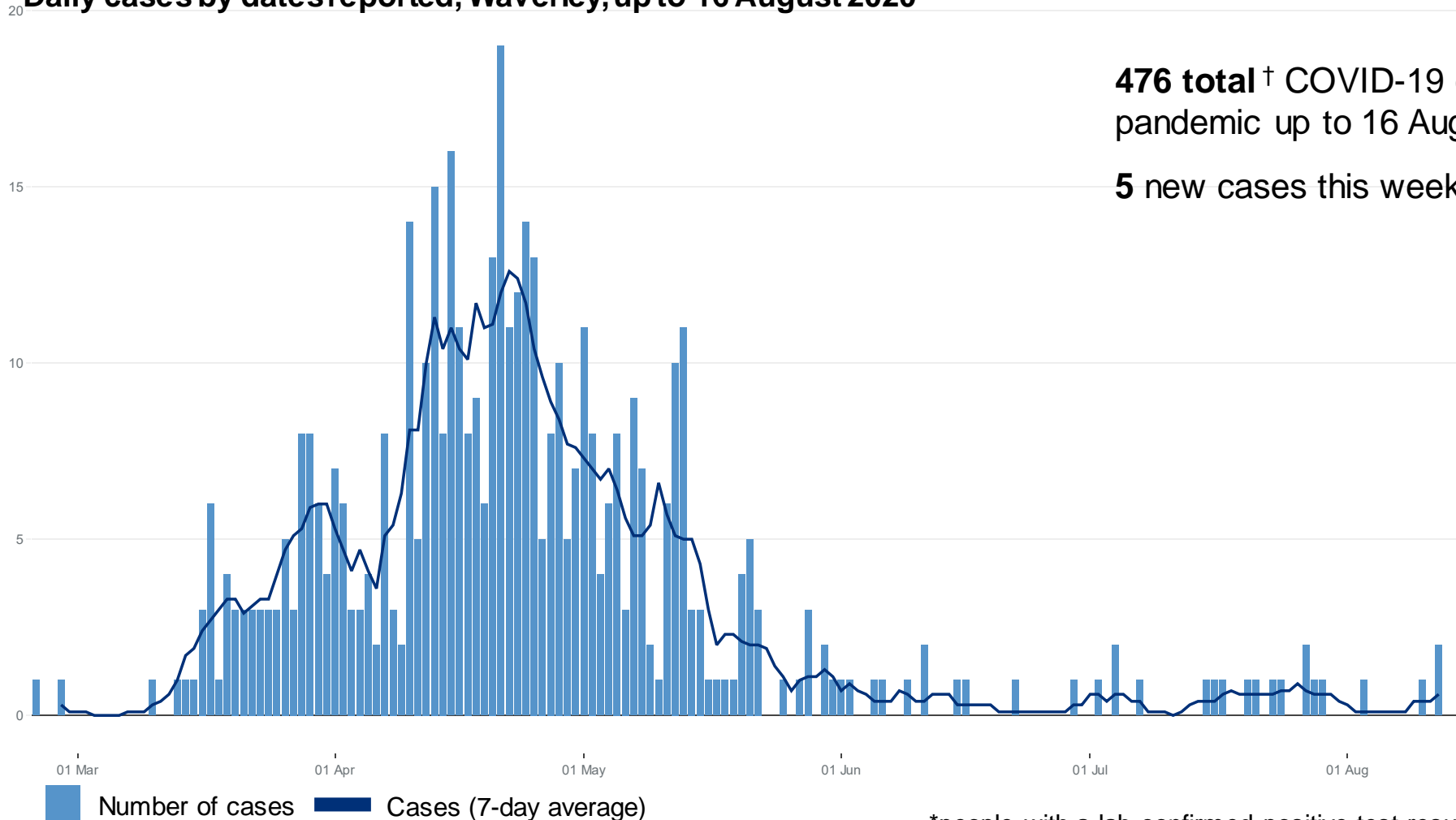
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Waverley up to 16 August 2020

Daily cases by dates reported, Waverley, up to 16 August 2020



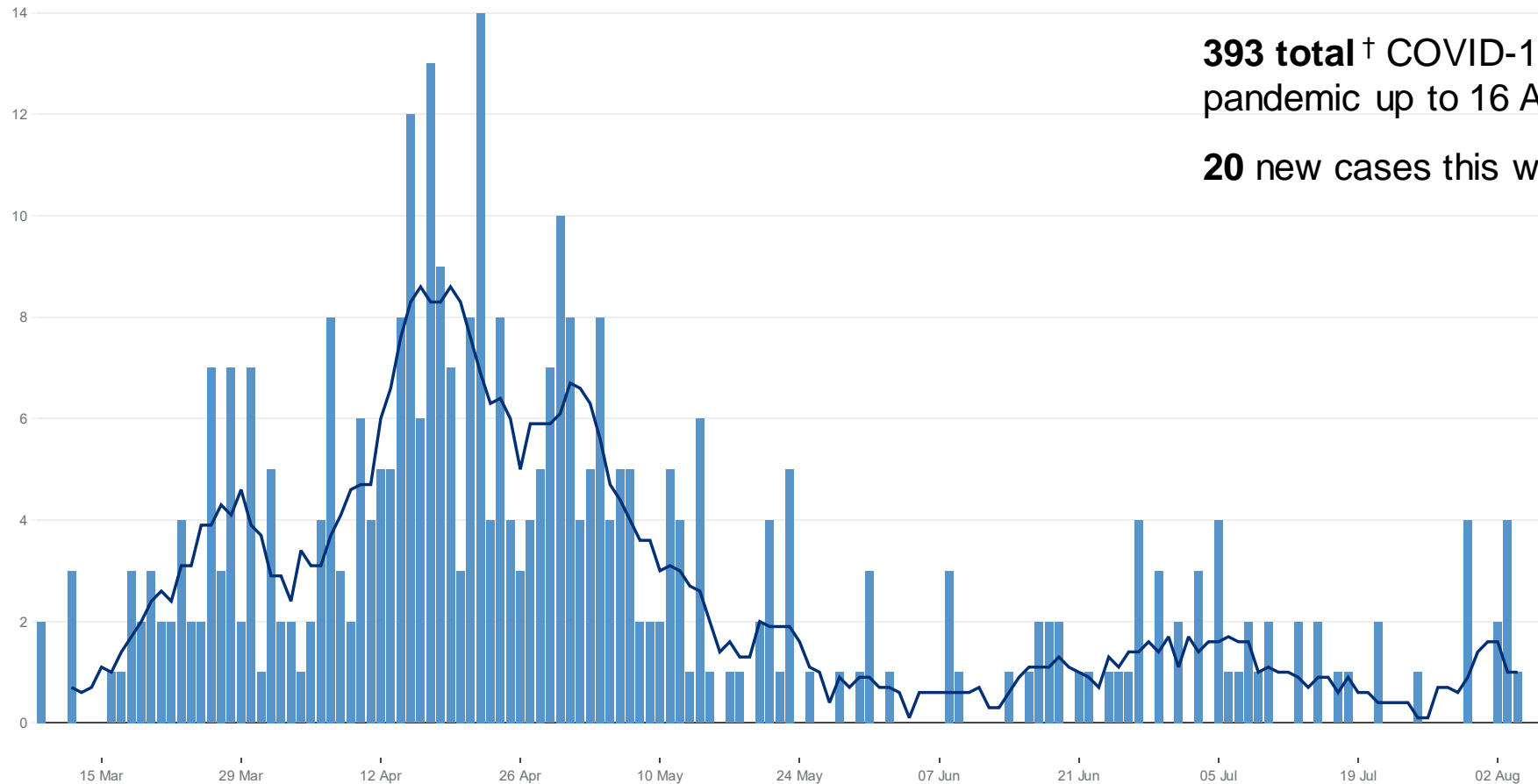
\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# COVID-19 cases\* in Woking up to 16 August 2020

Daily cases by dates reported, Woking, up to 16 August 2020



**393 total** † COVID-19 cases since start of pandemic up to 16 August 2020

**20** new cases this week (10-16 August 2020)

■ Number of cases ■ Cases (7-day average)

\*people with a lab-confirmed positive test result

† cumulative number of cases

Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

# R number



# R number, updated on 14 August 2020

## What is R?

The average number of infections (secondary) produced by a single infected person.

An R of 1 means on average every person who is infected will infect 1 other person. If R is 2, on average each infected person infects 2 more people.

**If R is over 1, the epidemic is growing. If R is under 1, the epidemic is shrinking.**

R is calculated at regional and national level.

England region	R
England	0.8-1.0
East of England*	0.8-1.0
London*	0.8-1.0
Midlands*	0.8-1.0
North East and Yorkshire*	0.8-1.0
North West*	0.8-1.1
South East*	0.8-0.9
South West*	0.8-1.0

\*Low case numbers and/ or a high degree of variability in transmission across the region means these estimates are insufficiently robust to inform policy decisions  
 Source: [Government Office for Science, The R number and growth rate in the UK](#)

# Data sources

# Data sources

- Public Health England: [National COVID-19 surveillance reports](#), including weekly summary of findings monitored through various COVID-19 surveillance systems.
- GOV.UK: [COVID-19 cases in the UK](#), data dashboard
- GOV.UK: [COVID-19 in the UK](#), data dashboard beta version
- Public Health England: [COVID-19: number of outbreaks in care homes](#). Weekly number and percentage of care homes reporting a suspected or confirmed outbreak of COVID-19 to PHE by local authorities, regions and PHE centres.
- Government Office for Science: [The R number and growth rate in the UK](#)
- [COVID-19 cases by Middle Super Output Area](#), England, weekly cases

**For further enquires please contact:**  
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