

Surrey COVID-19 weekly intelligence summary

7 September 2020

Surrey County Council

Public Health Team

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Summary

- COVID-19 cases shows a small increase in Surrey. Across the UK there has been an increase in cases this week (29 August - 4 September).
- For the latest week of data (29 August - 4 September), 13.5 cases per 100,000 population were recorded in Surrey. This rate is relatively low compared with England (17 per 100,000).
- The estimated R number for the South East is 0.8-1.0. 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.

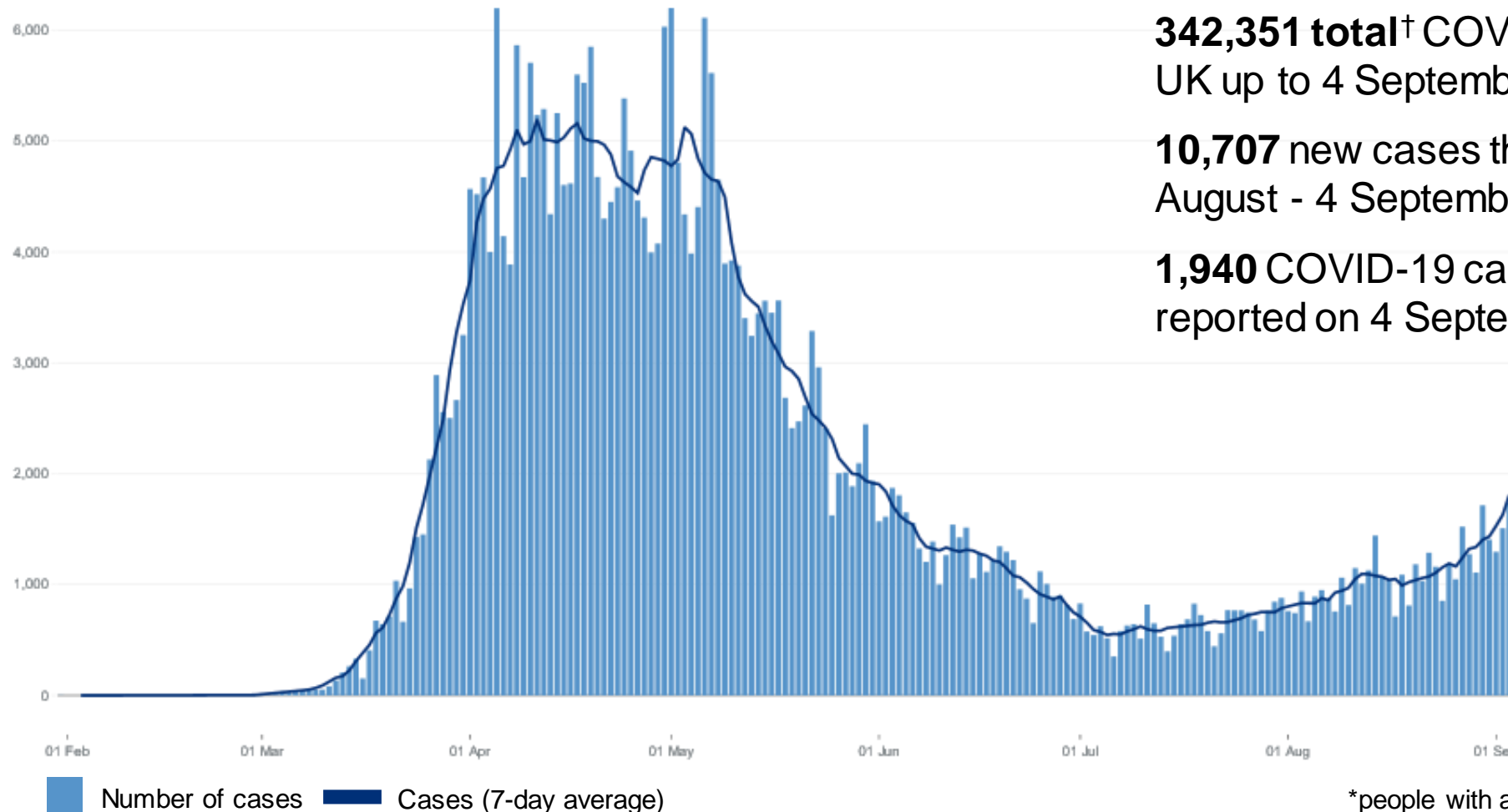
Notes on the data presented

- The following figures and graphs are a summary of data in the public domain.
- The report presents the most up-to-date weekday data at the time of writing.
- 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 4 September 2020

Daily cases by date reported, UK, up to 4 September 2020



342,351 total[†] COVID-19 cases in UK up to 4 September 2020

10,707 new cases this week (29 August - 4 September 2020)

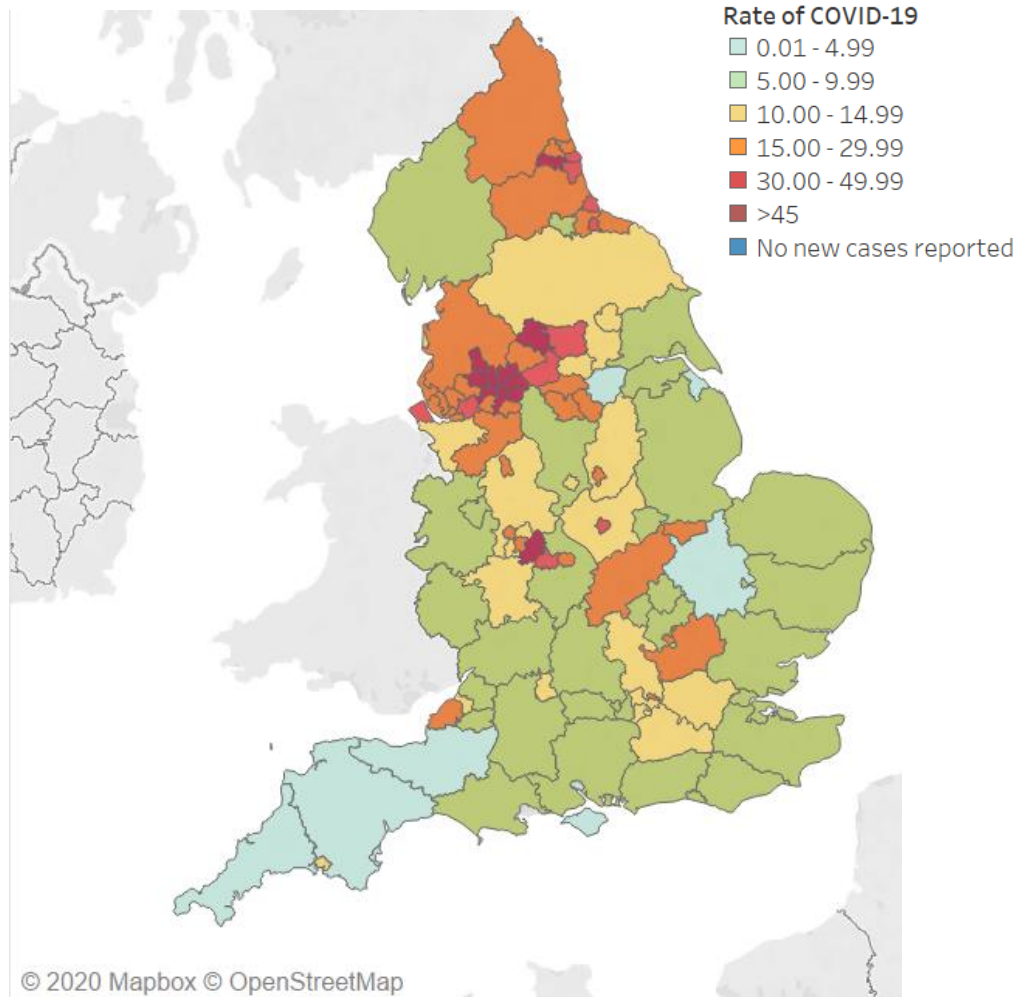
1,940 COVID-19 cases in UK reported on 4 September 2020

*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, 29 August - 4 September 2020



Area	Cases per 100,000 population (29 August - 4 September)
Surrey	13.5
Buckinghamshire	12.7
West Berkshire	8.8
Oxfordshire	8.5
West Sussex	8.1
Hampshire	6.9
East Sussex	5.6
Kent	5.3
South East	8.1
London	14.9
England	17

*rate per 100,000 population
07/09/2020

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

Weekly COVID-19 case rates for the UTLAs with the highest rates compared to Surrey

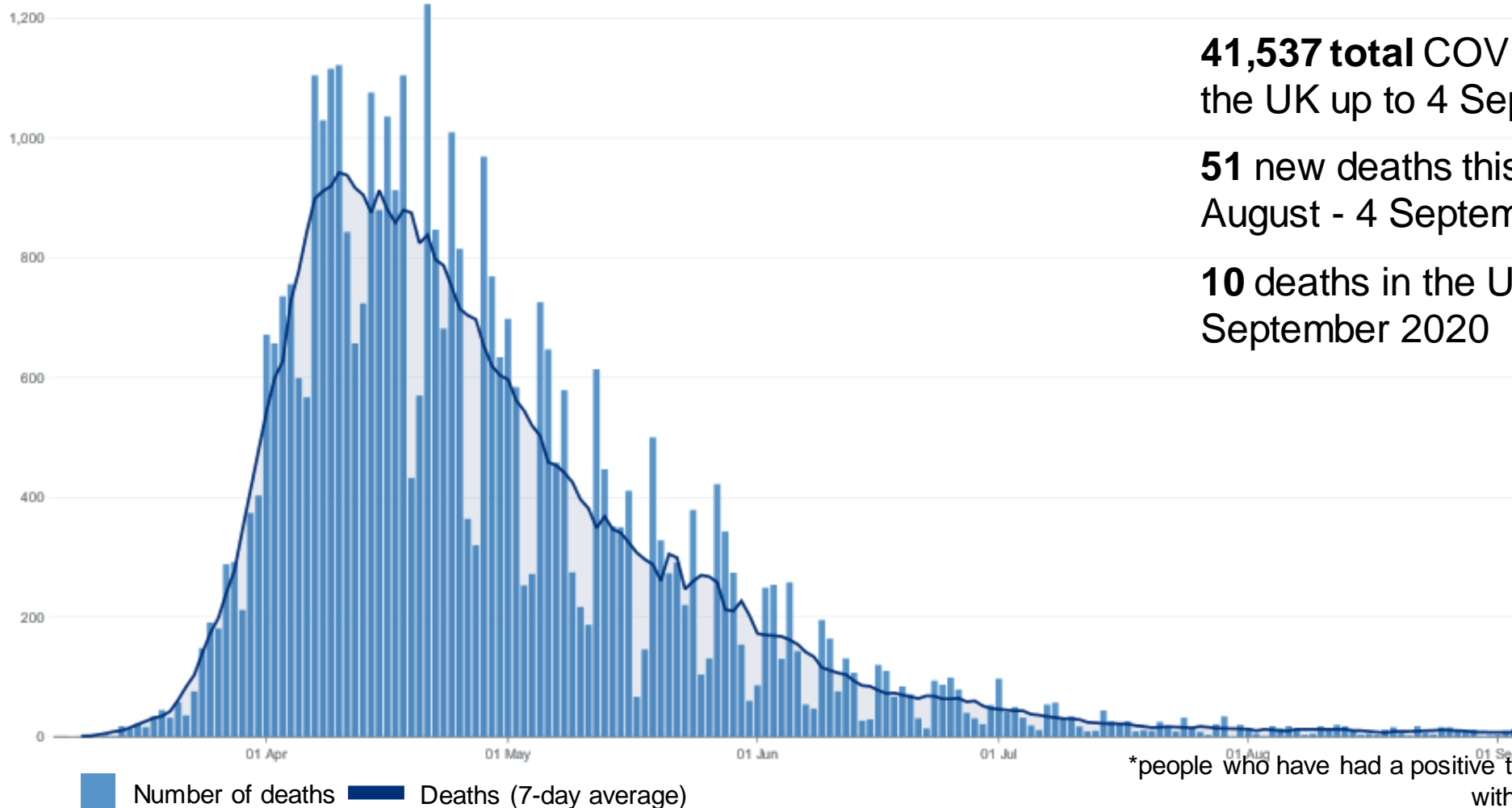
Rank (Highest Weekly Case Rate)	Area	COVID-19 cases (Last 7 days)	Rate per 100,000 population (Last 7 days)
1	Bolton	326	113.4
2	Bradford	343	63.5
3	Blackburn with Darwen	86	57.5
4	Salford	143	55.2
5	Oldham	129	54.4
6	Rochdale	120	54
7	Manchester	271	49
8	Birmingham	557	48.8
9	Tameside	109	48.1
10	Gateshead	92	45.5
59	Surrey	162	13.5
	England	9594	17

Note: the number of new cases in the week from the 29th August to the 4th of September per 100,000 population has been calculated using source data. The rank is out of 118.

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

COVID-19 deaths* in the UK up to 4 September 2020

Daily deaths by date reported in the UK, up to 4 September 2020



41,537 total COVID-19 deaths in the UK up to 4 September 2020

51 new deaths this week (29 August - 4 September 2020)

10 deaths in the UK reported on 4 September 2020

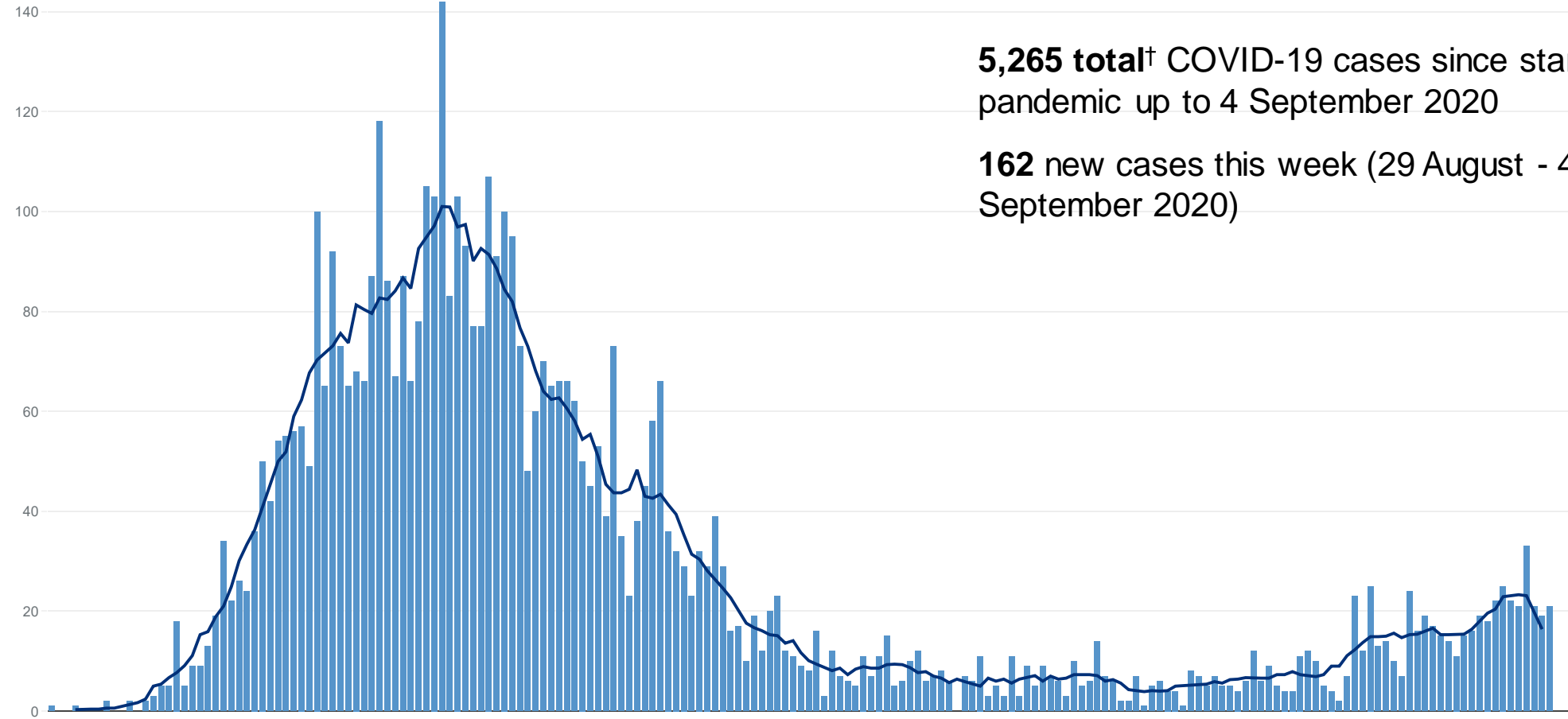
*people who have had a positive test results for COVID-19 and died within 28 days of the first positive test

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

Cases in Surrey & districts & boroughs

COVID-19 cases* in Surrey up to 4 September 2020

Daily cases by specimen date, Surrey, up to 4 September 2020



5,265 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

162 new cases this week (29 August - 4 September 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)

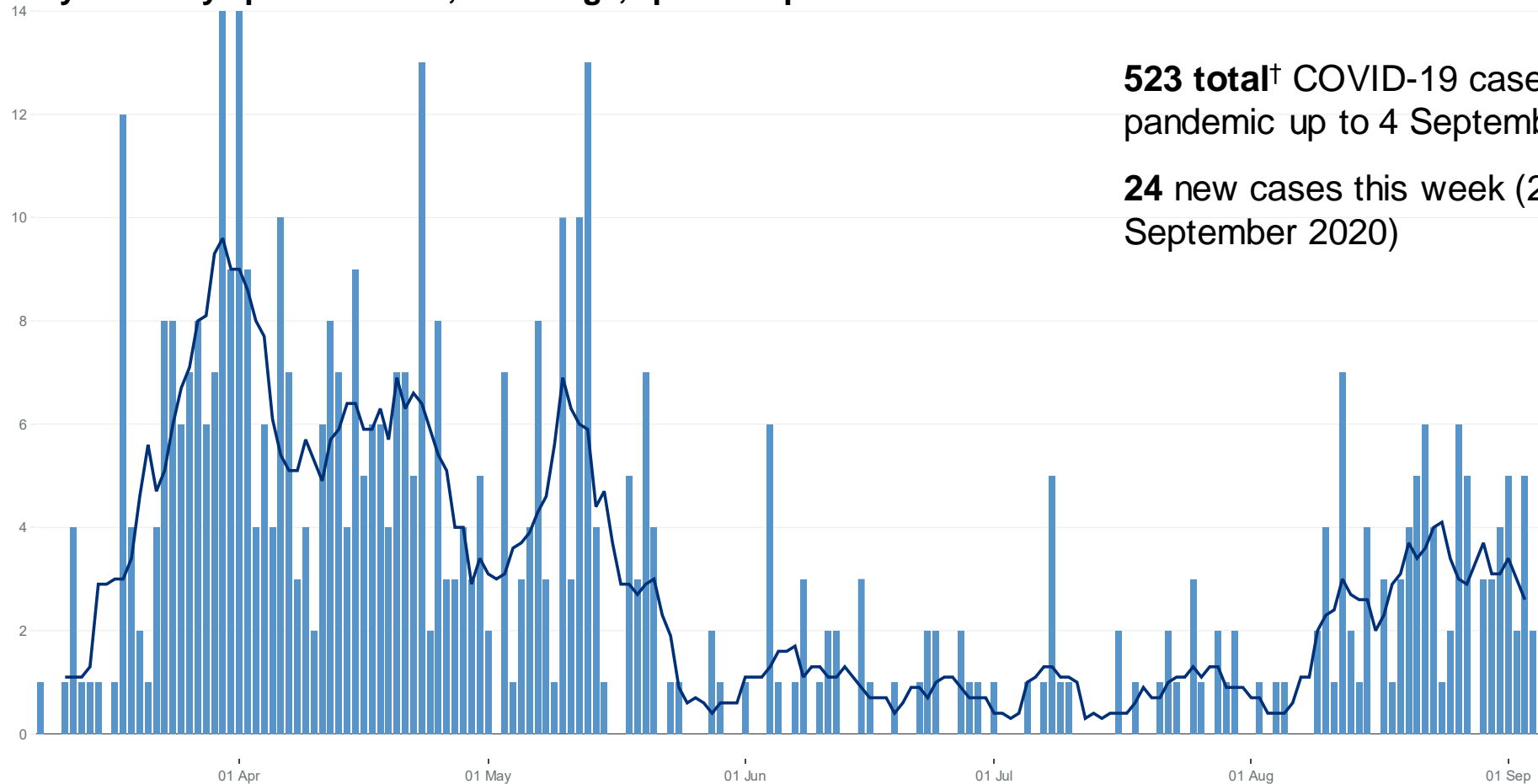
Total COVID-19 cases* in Surrey districts and boroughs up to 4 September 2020

Area	Total COVID-19 (All cases)	Rate per 100,000 population	COVID-19 cases (Last 7 days)	Rate per 100,000 population (Last 7 days)
England	299,625	532	9,594	17.0
Surrey	5,265	440	162	13.5
Spelthorne	397	398	26	26.0
Elmbridge	523	382	24	17.5
Waverley	527	417	21	16.6
Reigate and Banstead	844	567	21	14.1
Surrey Heath	479	536	12	13.4
Epsom and Ewell	366	454	9	11.2
Runnymede	371	415	10	11.2
Mole Valley	362	415	9	10.3
Woking	419	416	10	9.9
Guildford	623	418	13	8.7
Tandridge	354	402	7	7.9

Note: the number of new cases in the week from the 29th August to the 4th of September per 100,000 population has been calculated using source data.

COVID-19 cases* in Elmbridge up to 4 September 2020

Daily cases by specimen date, Elmbridge, up to 4 September 2020



523 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

24 new cases this week (29 August - 4 September 2020)

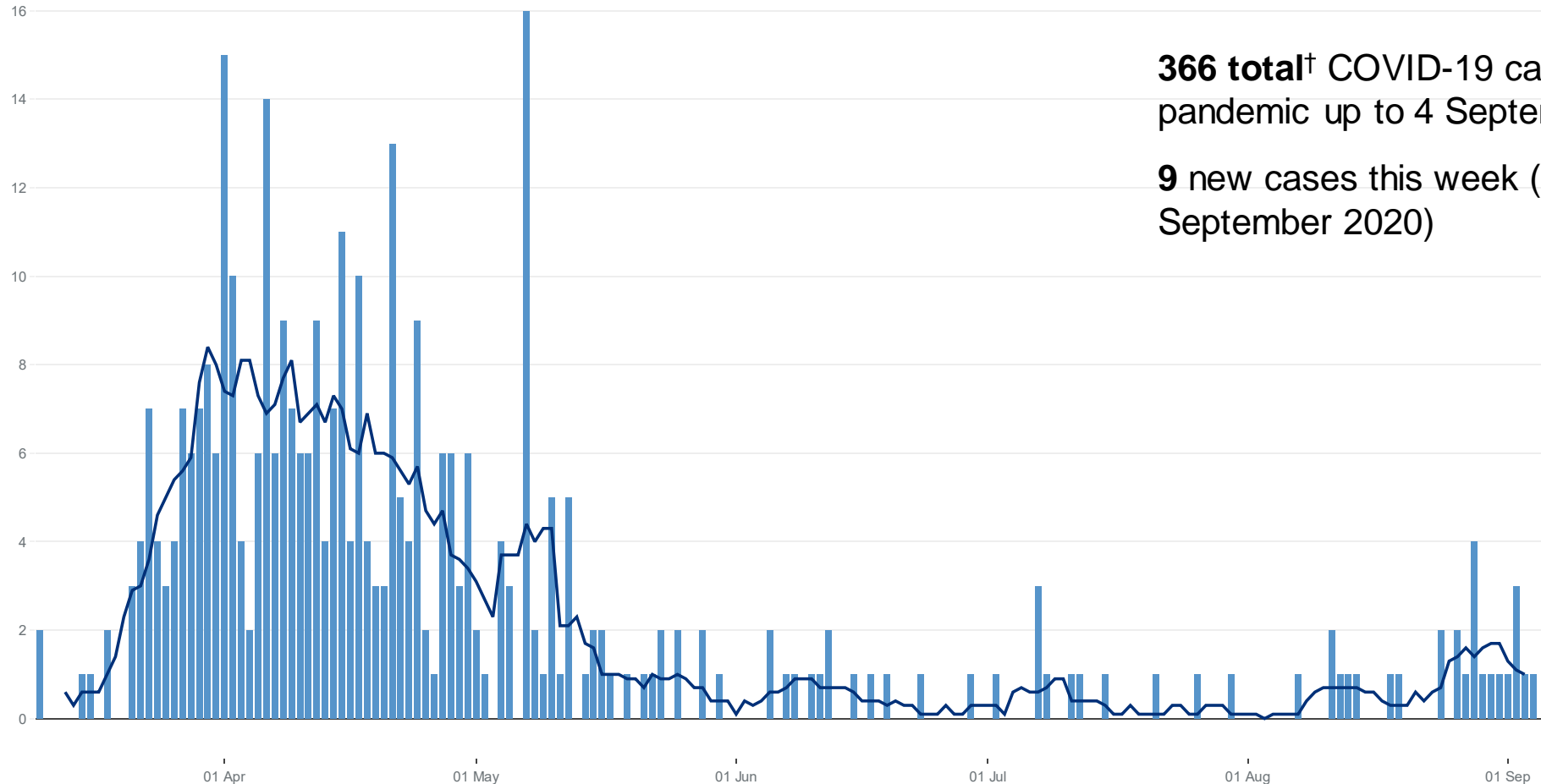
■ Number of cases ■ Cases (7-day average)

*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 Epsom and Ewell up to 4 September 2020

Daily cases by specimen date, Epsom and Ewell, up to 4 September 2020



366 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

9 new cases this week (29 August - 4 September 2020)

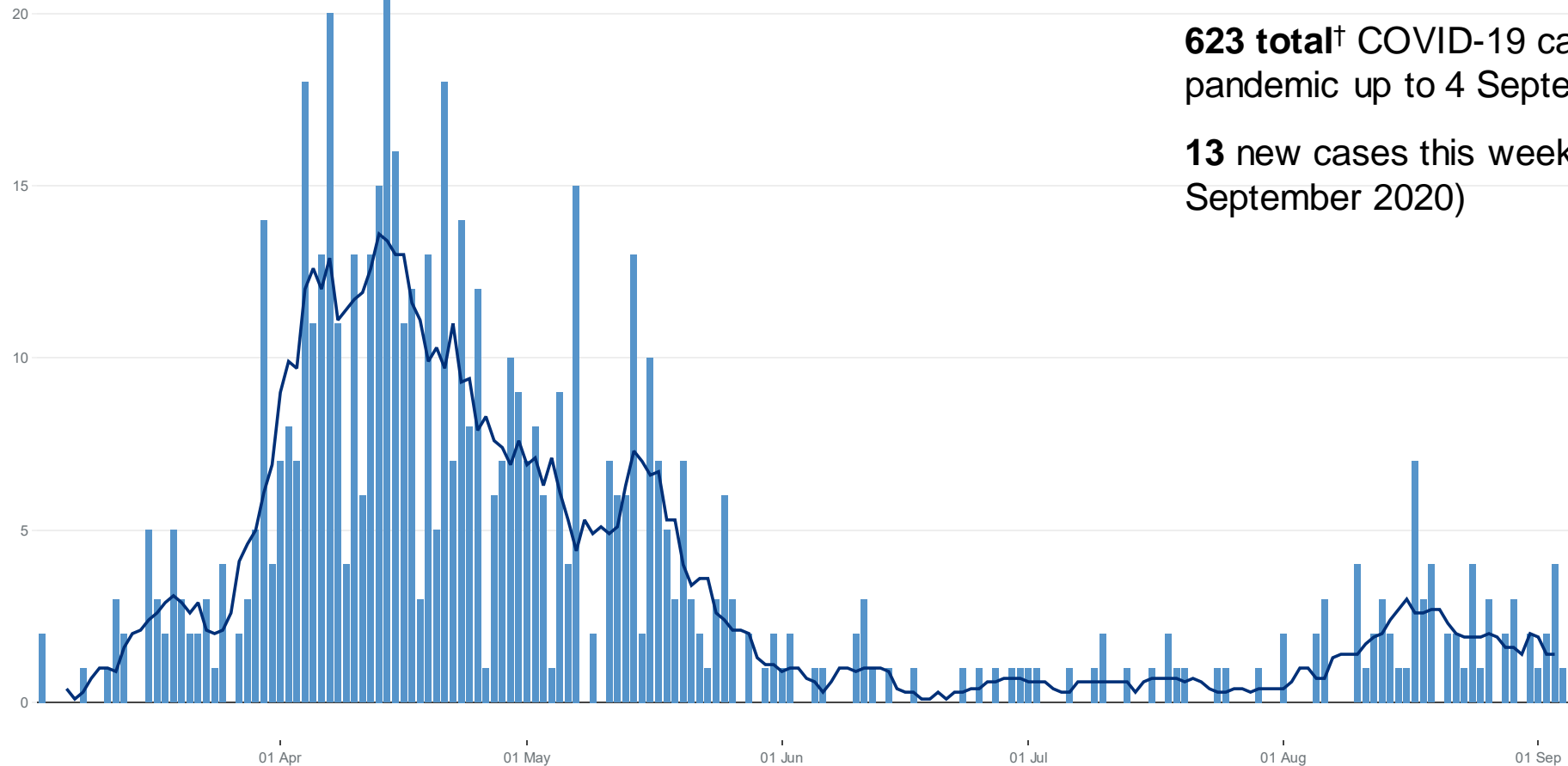
■ Number of cases ■ Cases (7-day average)

*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 Guildford up to 4 September 2020

Daily cases by specimen date, Guildford, up to 4 September 2020



623 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

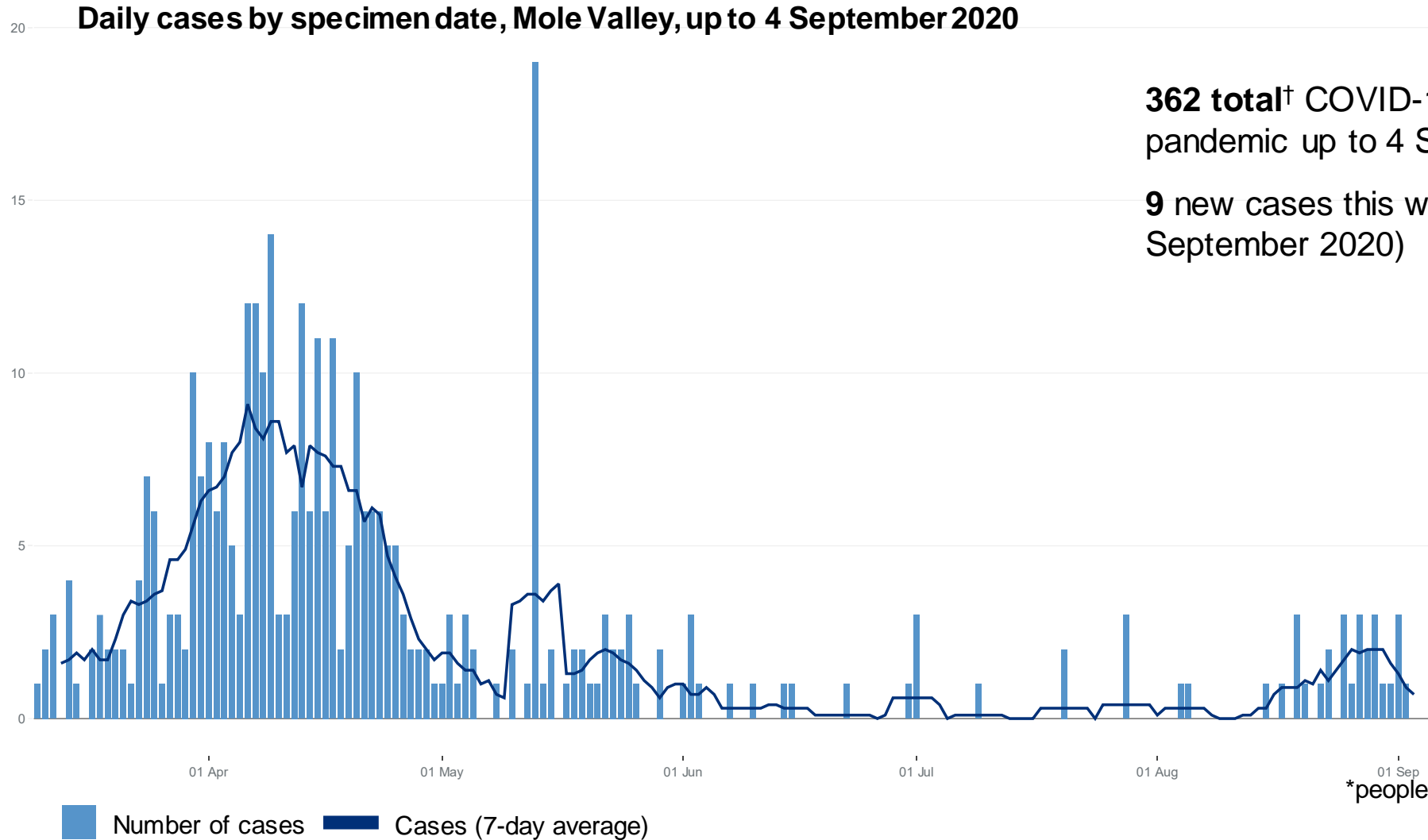
13 new cases this week (29 August - 4 September 2020)

■ 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 Mole Valley up to 4 September 2020



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

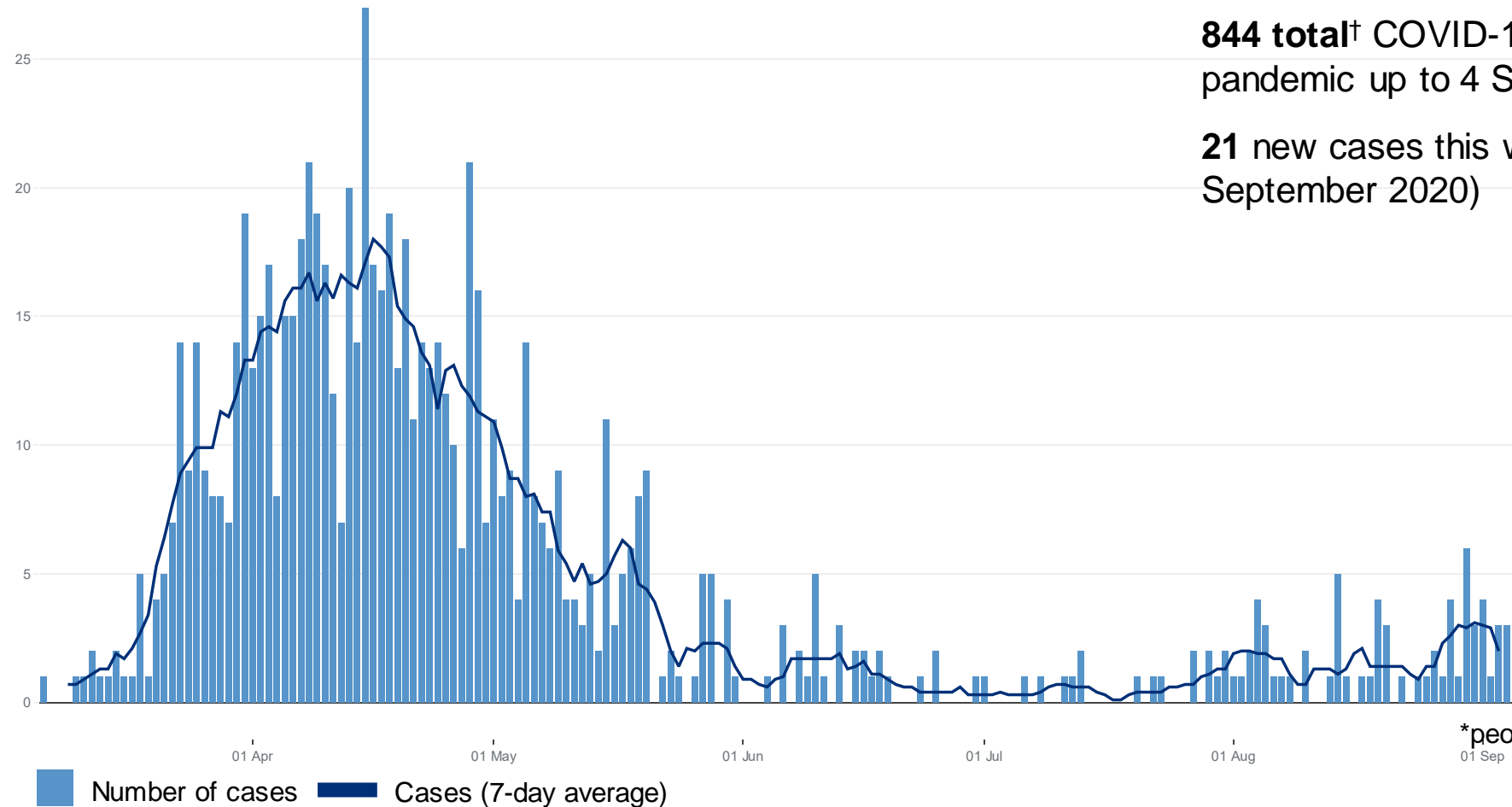
Source: [GOV.UK, COVID-19 in the UK](https://www.gov.uk/covid-19)

COVID-19 cases* in Reigate and Banstead up to 4 September 2020

Daily cases by specimen date, Reigate and Banstead, up to 4 September 2020

844 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

21 new cases this week (29 August - 4 September 2020)

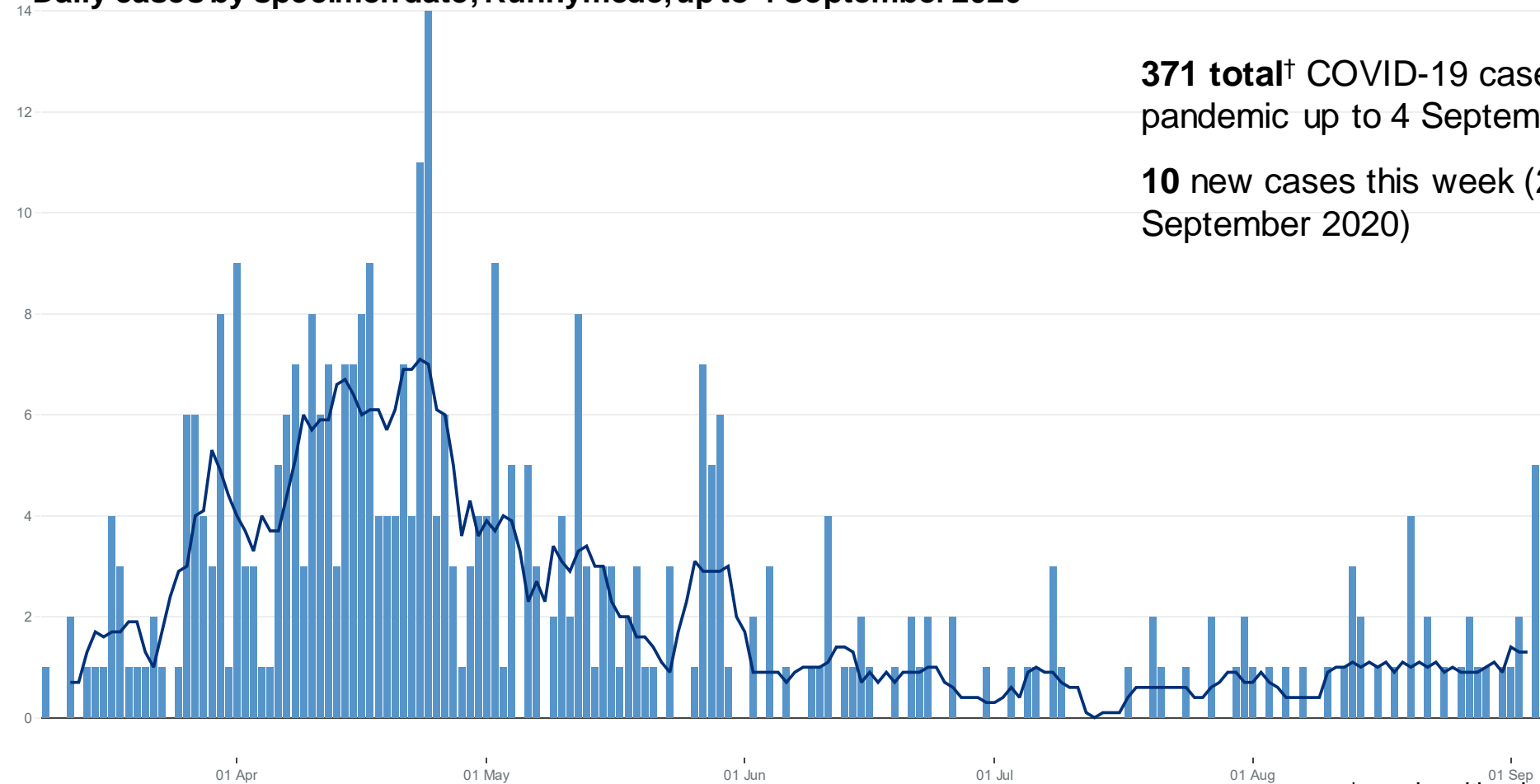


*people with a lab-confirmed positive test result
[†] cumulative number of cases

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

COVID-19 cases* in Runnymede up to 4 September 2020

Daily cases by specimen date, Runnymede, up to 4 September 2020



371 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

10 new cases this week (29 August - 4 September 2020)

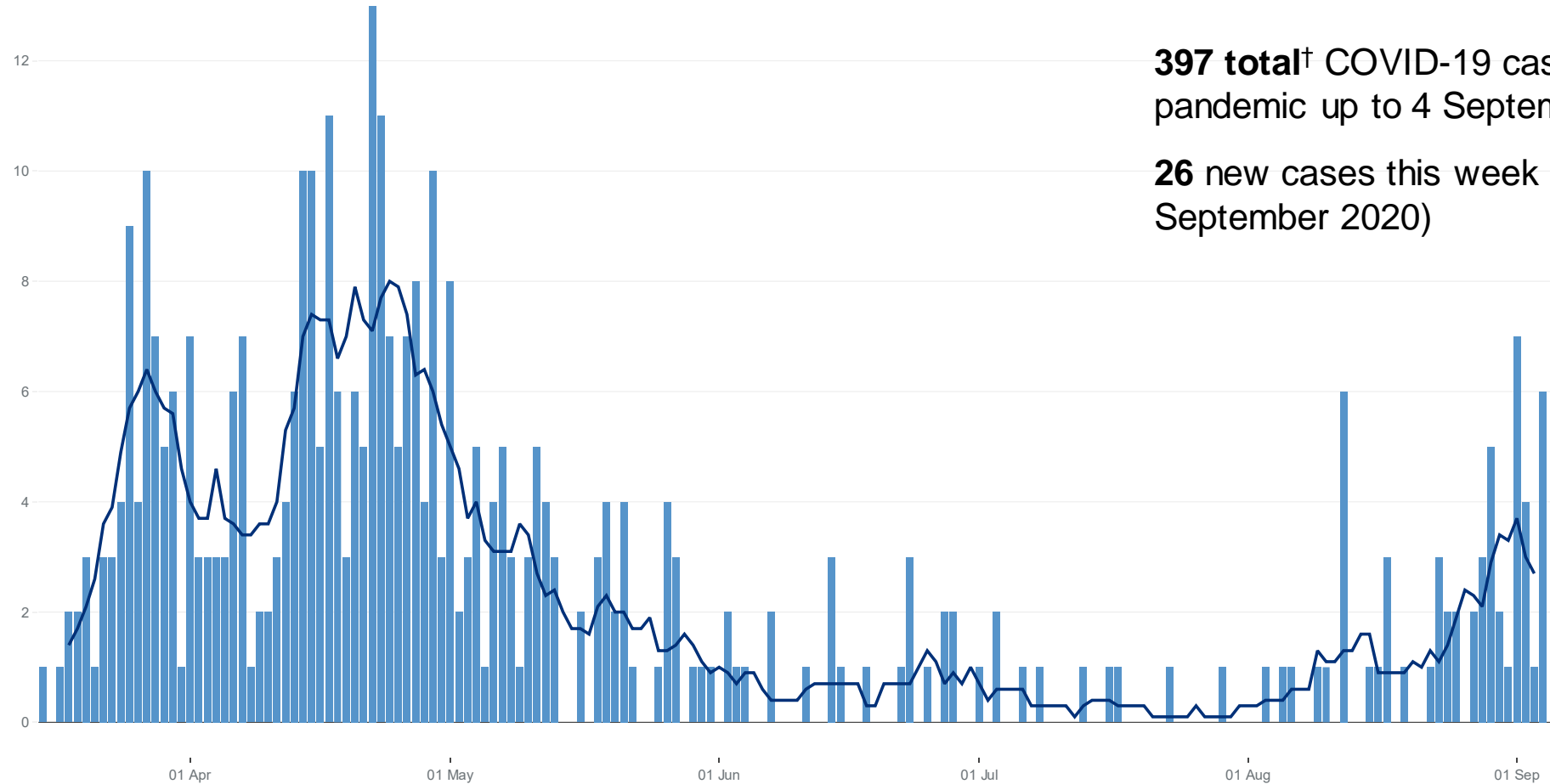
■ Number of cases ■ Cases (7-day average)

*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 Spelthorne up to 4 September 2020

Daily cases by specimen date, Spelthorne, up to 4 September 2020



397 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

26 new cases this week (29 August - 4 September 2020)

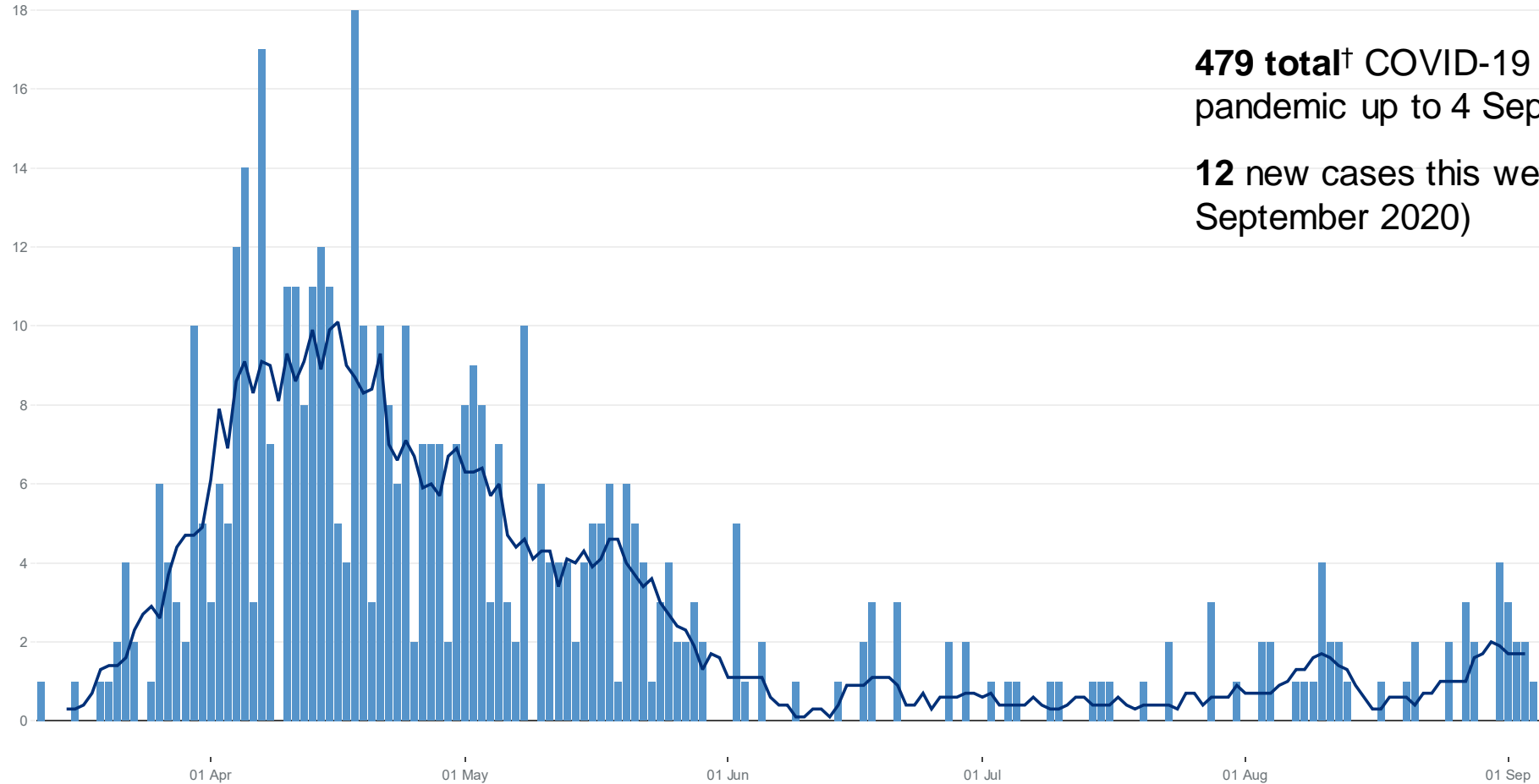
■ Number of cases ■ Cases (7-day average)

*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 Surrey Heath up to 4 September 2020

Daily cases by specimen date, Surrey Heath, up to 4 September 2020



479 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

12 new cases this week (29 August - 4 September 2020)

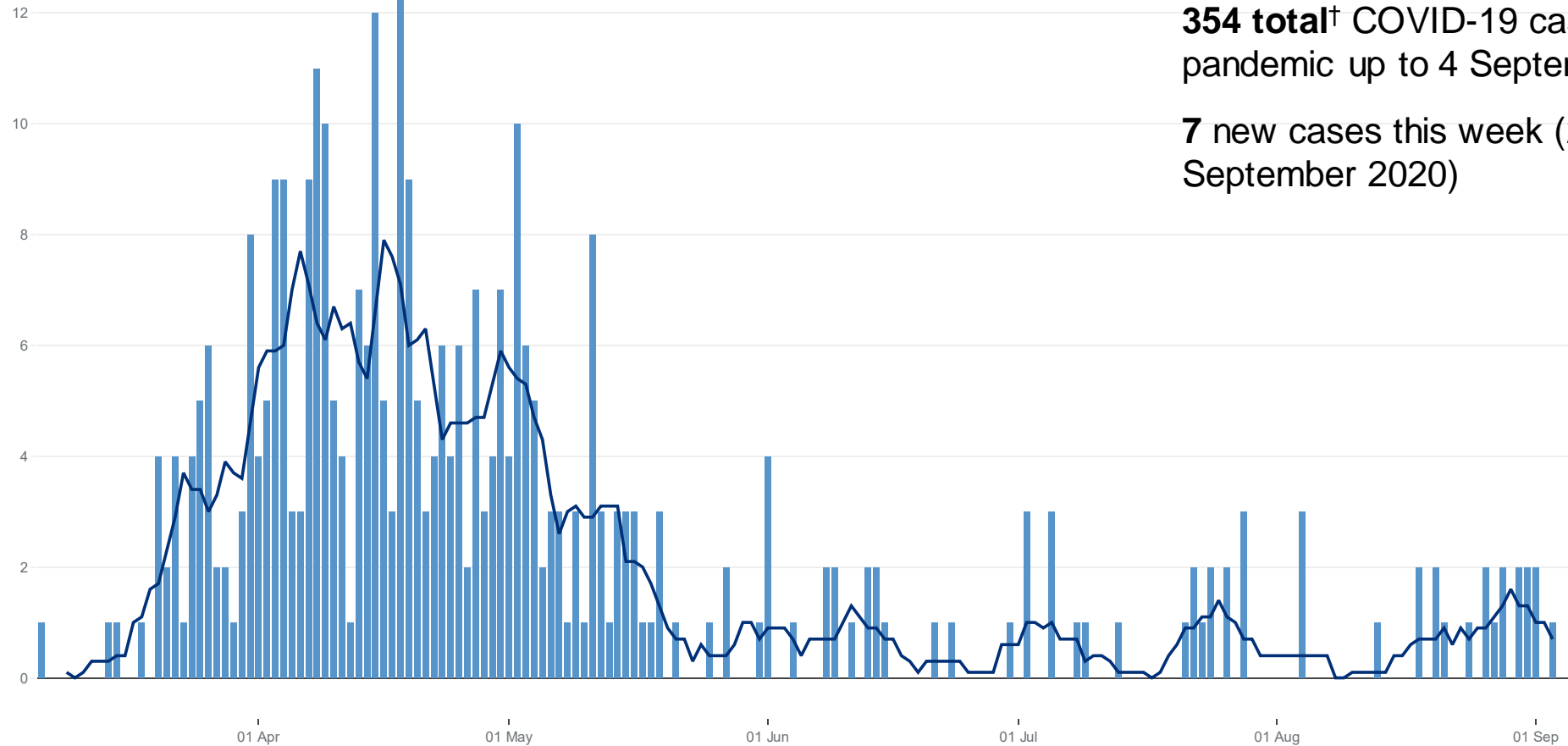
■ Number of cases ■ Cases (7-day average)

*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 Tandridge up to 4 September 2020

Daily cases by specimen date, Tandridge, up to 4 September 2020



354 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

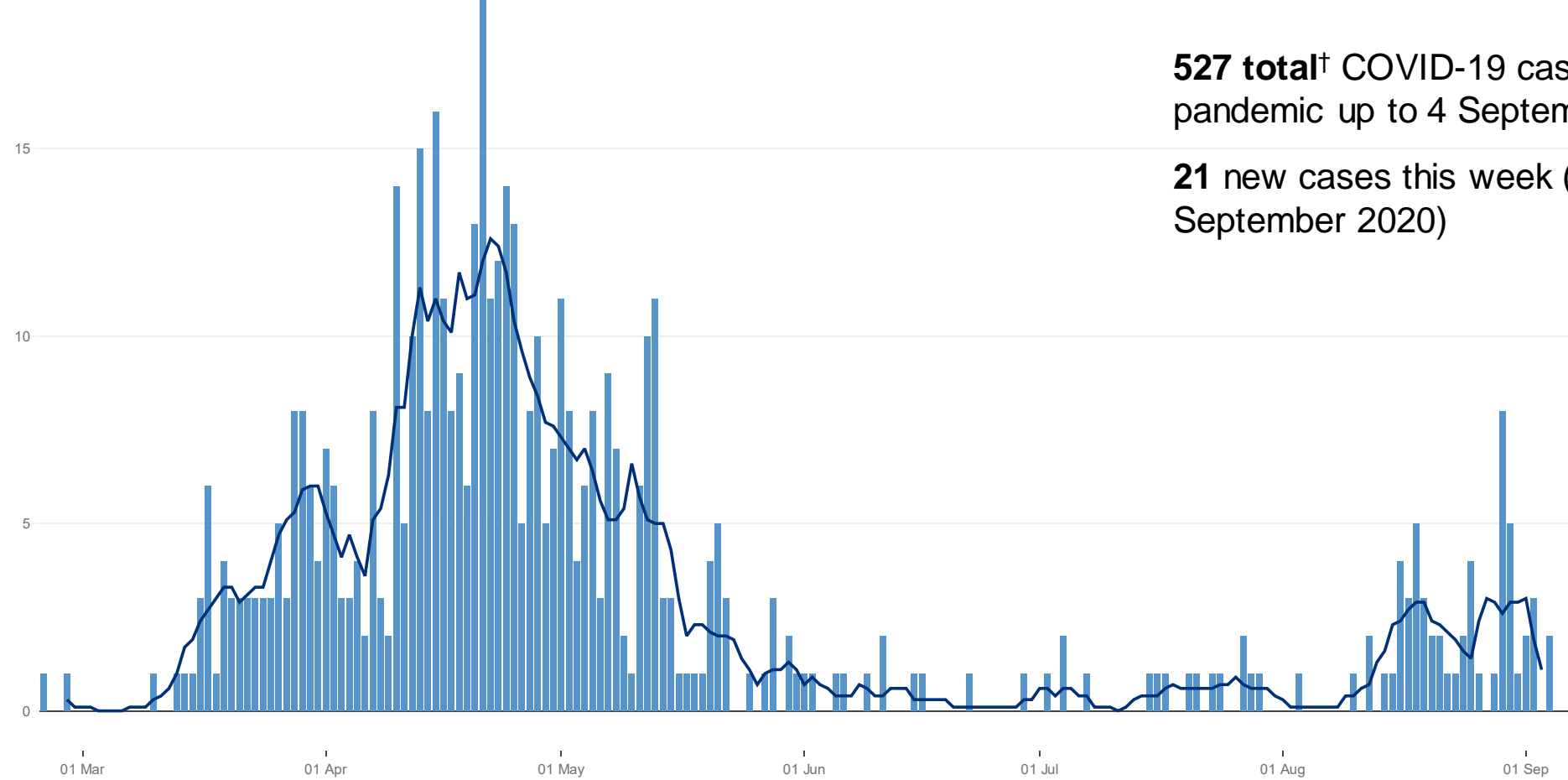
7 new cases this week (29 August - 4 September 2020)

*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 Waverley up to 4 September 2020

20
Daily cases by specimen date, up to 4 September 2020



527 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

21 new cases this week (29 August - 4 September 2020)

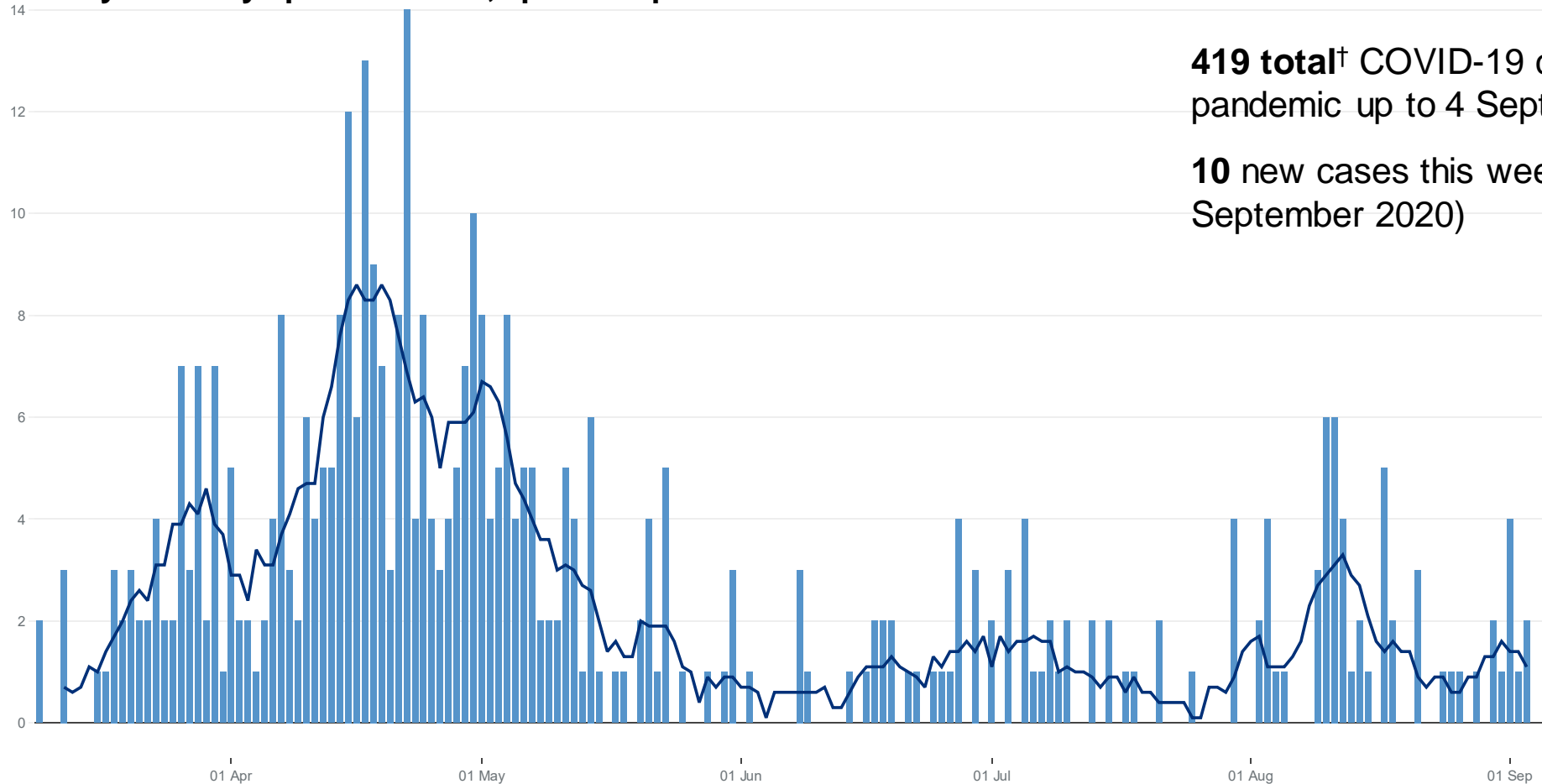
*people with a lab-confirmed positive test result
† cumulative number of cases

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

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

COVID-19 cases* in Woking up to 4 September 2020

Daily cases by specimen date, up to 4 September 2020



419 total[†] COVID-19 cases since start of pandemic up to 4 September 2020

10 new cases this week (29 August - 4 September 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 4 September 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	0.9-1.0
East of England*	0.8-1.0
London*	0.9-1.1
Midlands*	0.8-1.0
North East and Yorkshire*	0.8-1.0
North West	0.8-1.0
South East*	0.8-1.0
South West*	0.8-1.1

*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 with sub-national data including people tested and positive cases at national, regional and local authority level. This includes the ability to view epidemic curves and 7-day averages as well as the ability to look at positive cases as a proportion of all tests.
- 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](#), the latest reproduction number (R) and growth rate of coronavirus (COVID-19) in the UK.
- [COVID-19 cases by Middle Super Output Area](#), England. The map shows number of positive cases in a week by Middle Layer Super Output Areas (MSOA). MSOAs are a standard statistical geography of approximately 7,200 people. Some MSOAs have the same name as local electoral wards and figures within this map should not be compared with ward data you may see published elsewhere.

For further enquires please contact:
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