

Latest numbers on COVID-19 in the UK – 7 August 2020

We have combined data from the government's daily figures¹, the government's report on NHS Test and Trace², ONS infection survey³ and each nation's official death registries.

1. Number of new deaths from COVID-19 in the UK.
2. Number and location of new cases in the UK.
3. Test and Trace
4. Summary

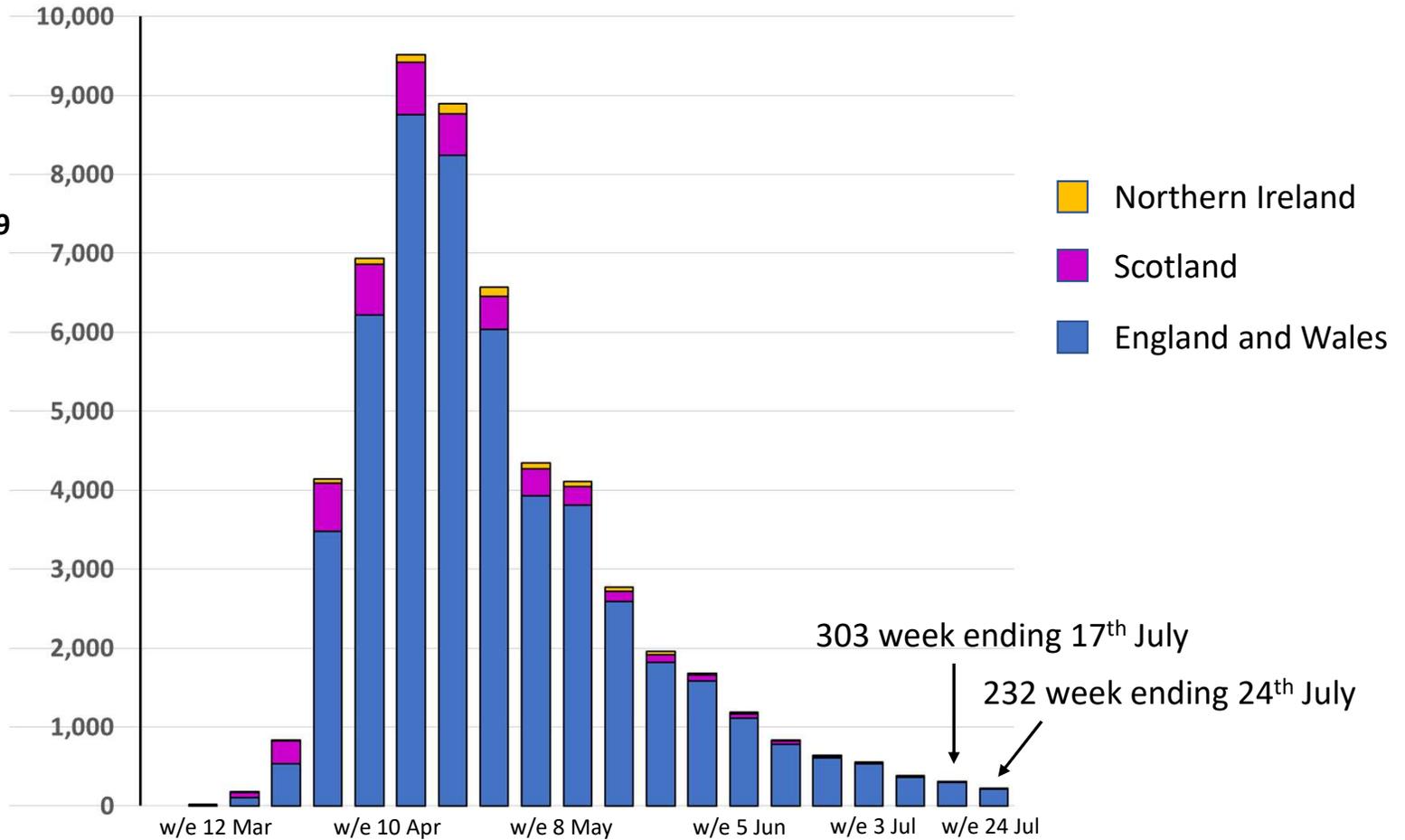
1. <https://coronavirus.data.gov.uk/>

2. <https://www.gov.uk/government/collections/nhs-test-and-trace-statistics-england-weekly-reports>

3. <https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurvey/pilot/latest>

Number of new UK deaths from COVID-19 per week

These are **registered deaths** where **COVID-19** was mentioned on the death certificate, regardless of location



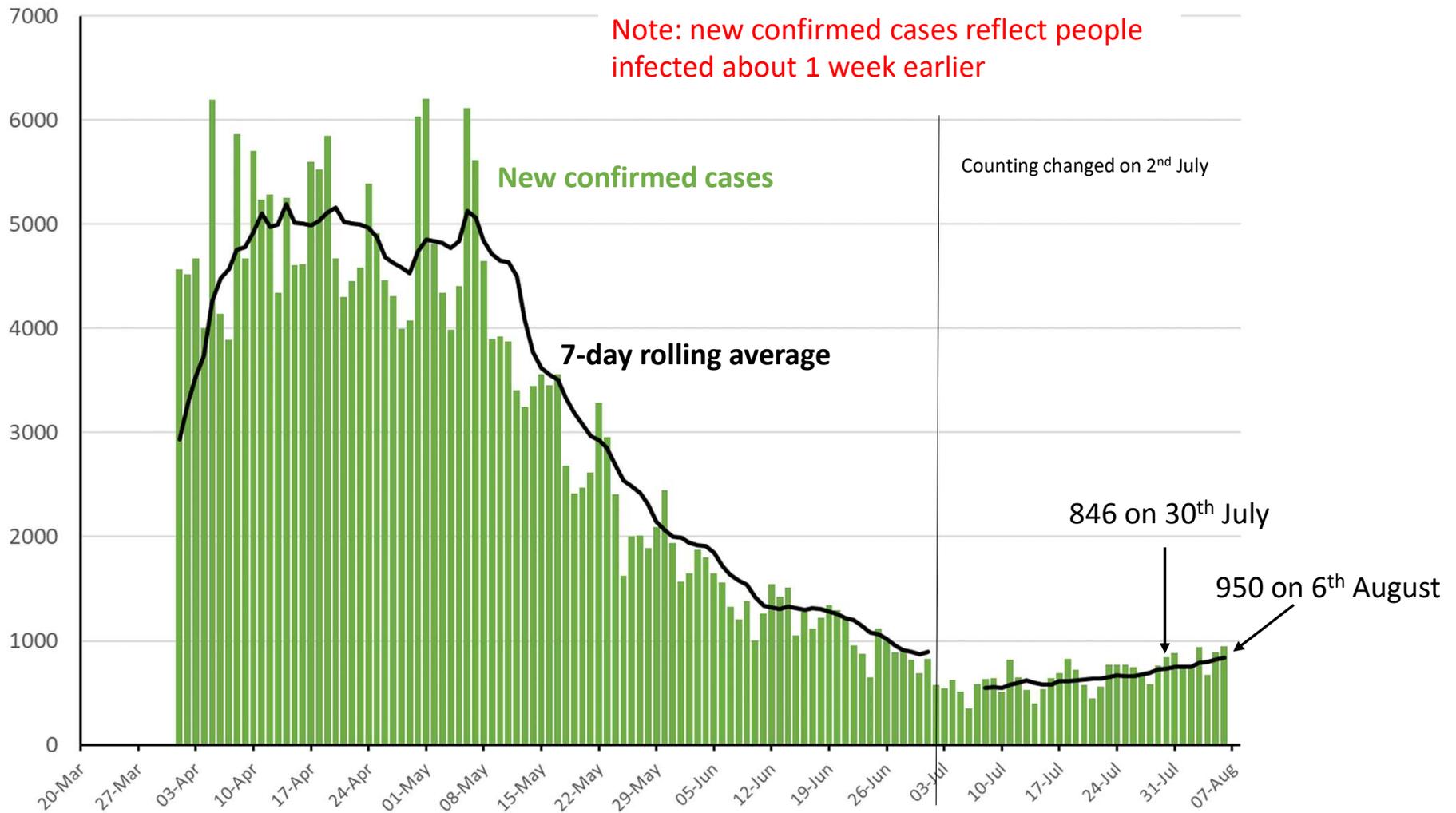
Data from :

England and Wales: www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/latest

Scotland: www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/weekly-and-monthly-data-on-births-and-deaths/deaths-involving-coronavirus-covid-19-in-scotland

Northern Ireland: www.nisra.gov.uk/publications/weekly-deaths

Number of new UK confirmed COVID-19 cases (people who have had a positive test)



Can increased testing explain increase in cases?

Percentage of people tested who then test positive (“positivity rate”)

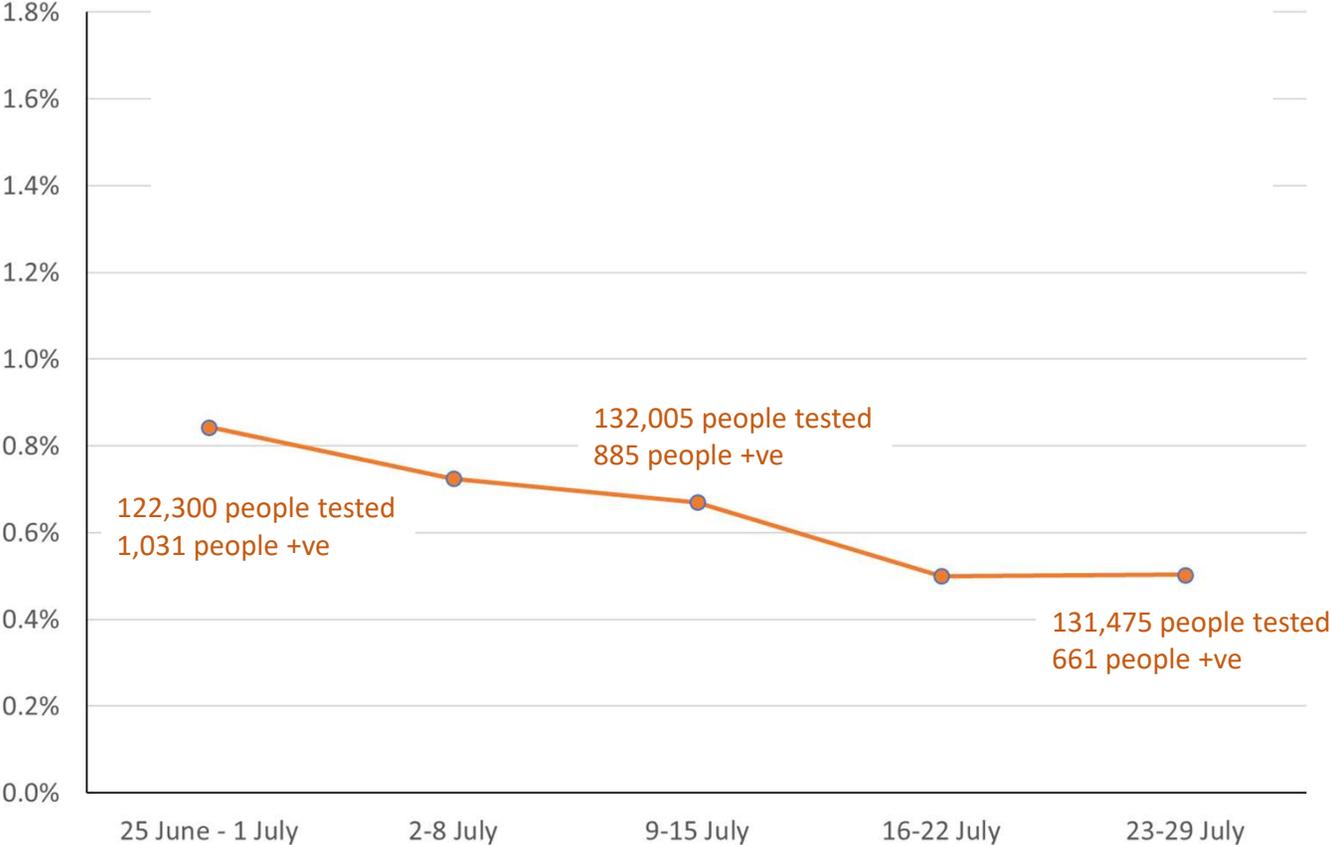


Data from <https://www.gov.uk/government/collections/nhs-test-and-trace-statistics-england-weekly-reports>

Data covering 28 May – 29 July

Can increased testing explain increase in cases?

Percentage of people tested who then test positive (“positivity rate”)



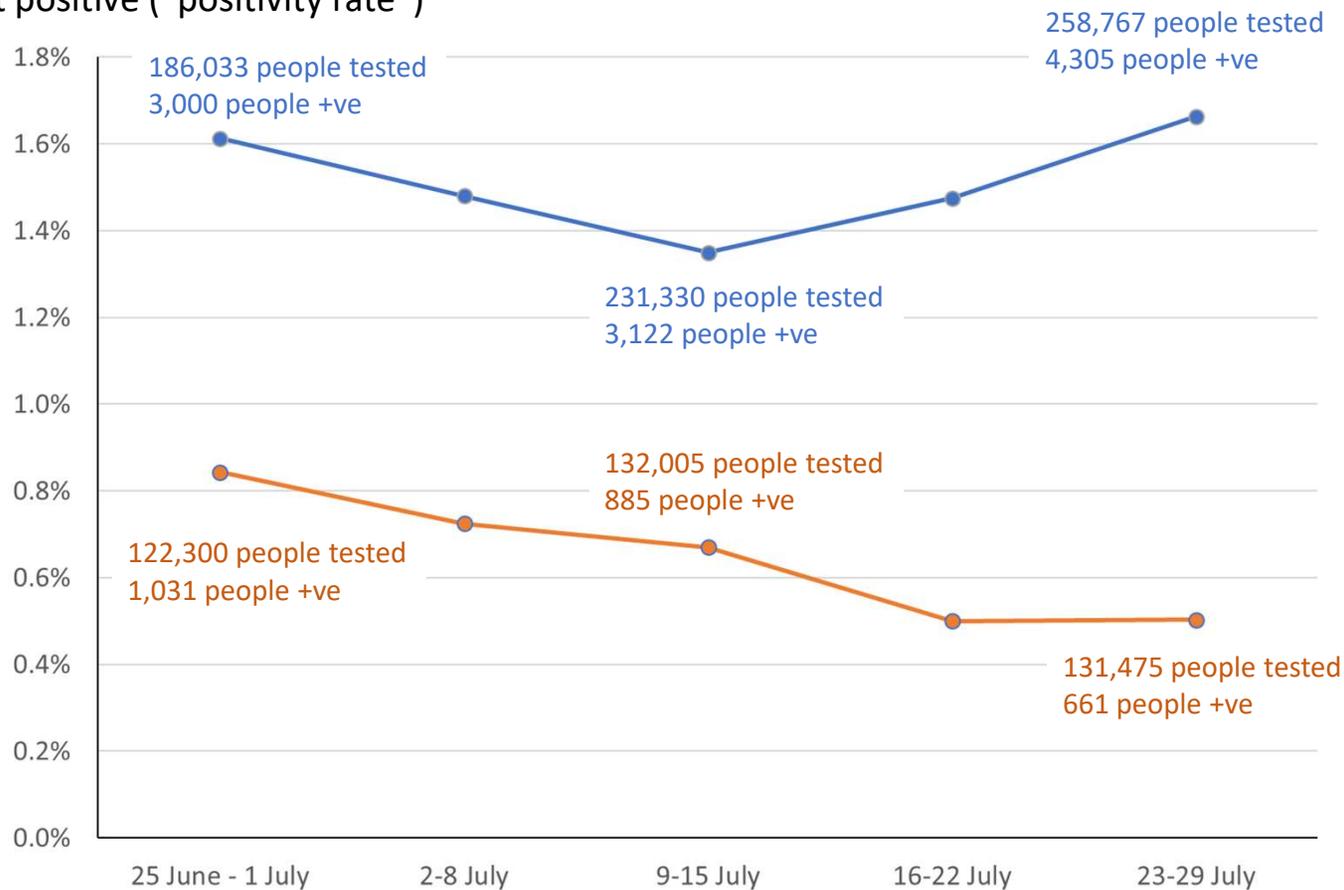
“Pillar 1” – tests done in hospital settings

Data from <https://www.gov.uk/government/collections/nhs-test-and-trace-statistics-england-weekly-reports>

Data covering 28 May – 29 July

Increased testing cannot explain all of the increase over last 2 weeks

Percentage of people tested who then test positive (“positivity rate”)

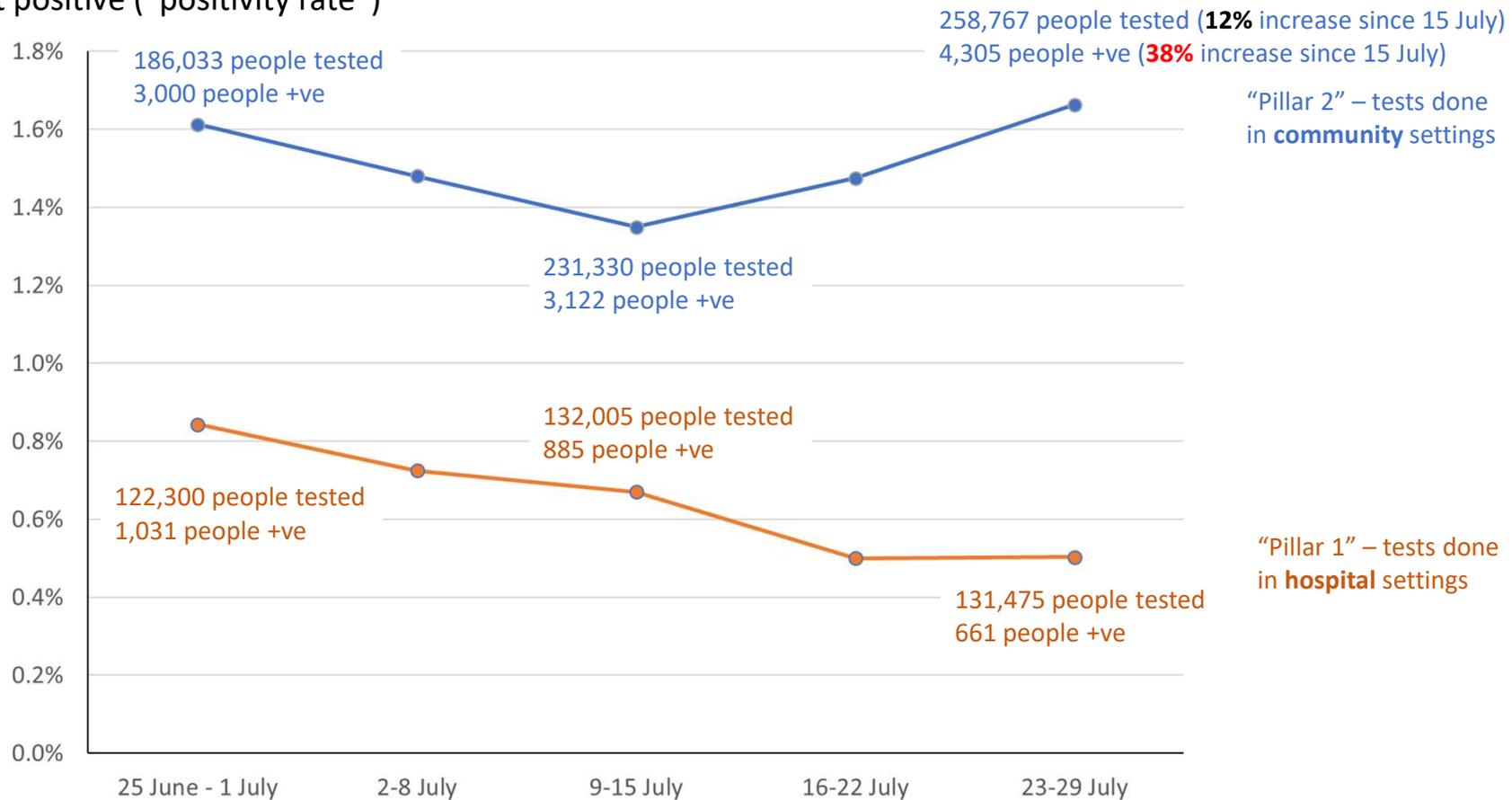


“Pillar 2” – tests done in **community** settings

“Pillar 1” – tests done in **hospital** settings

Increased testing cannot explain all of the increase over last 2 weeks

Percentage of people tested who then test positive (“positivity rate”)

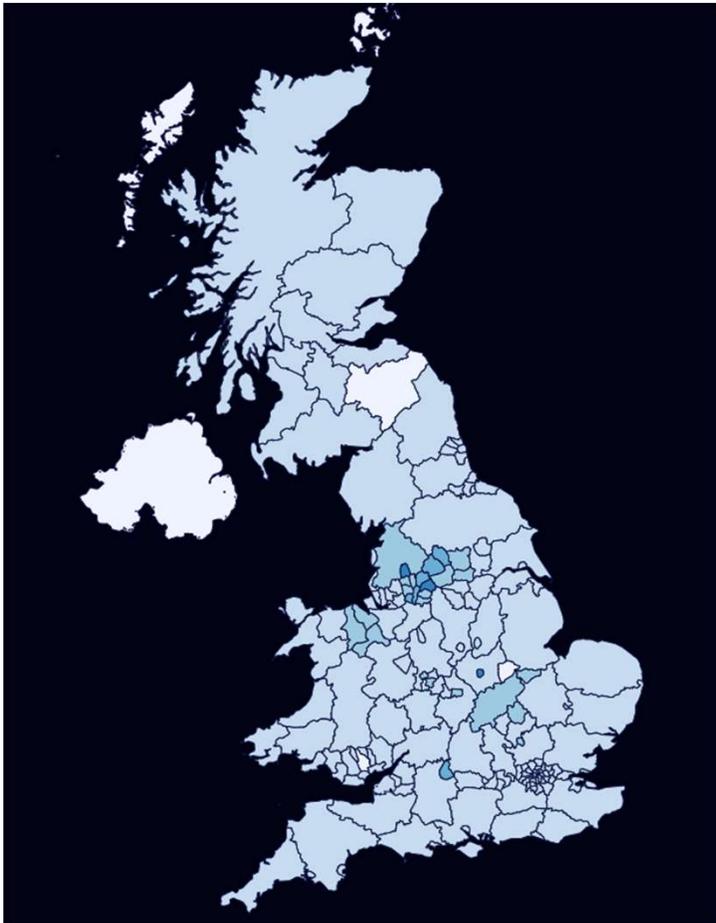


“Pillar 2” – tests done in **community** settings

“Pillar 1” – tests done in **hospital** settings

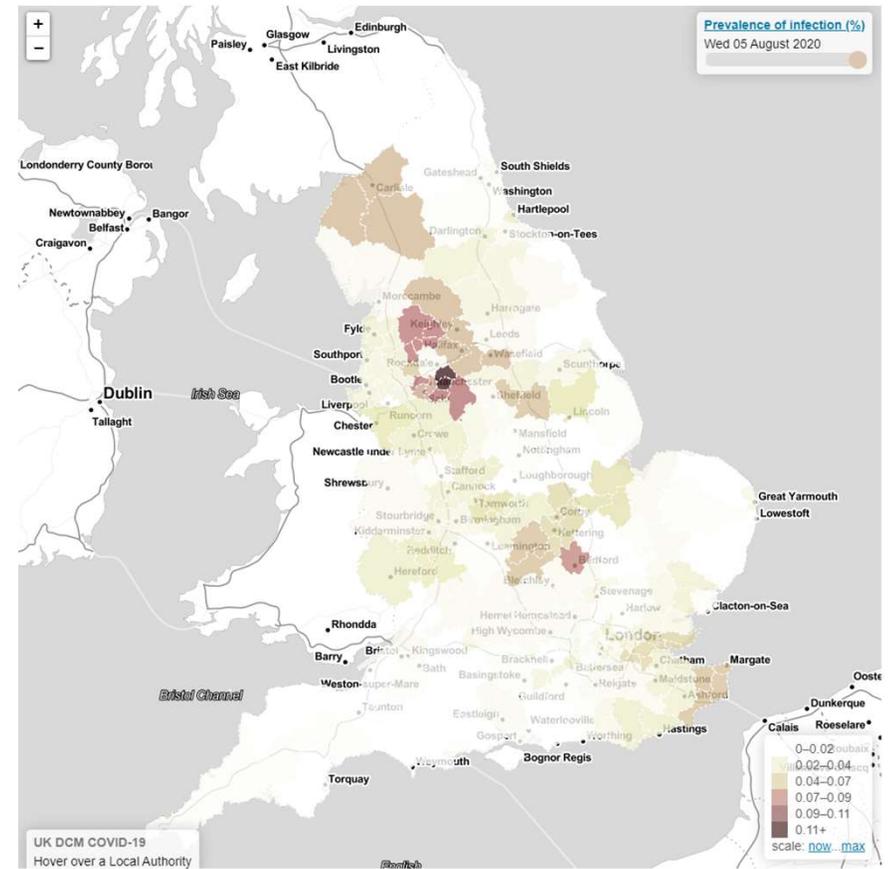
Where are the cases?

All of UK



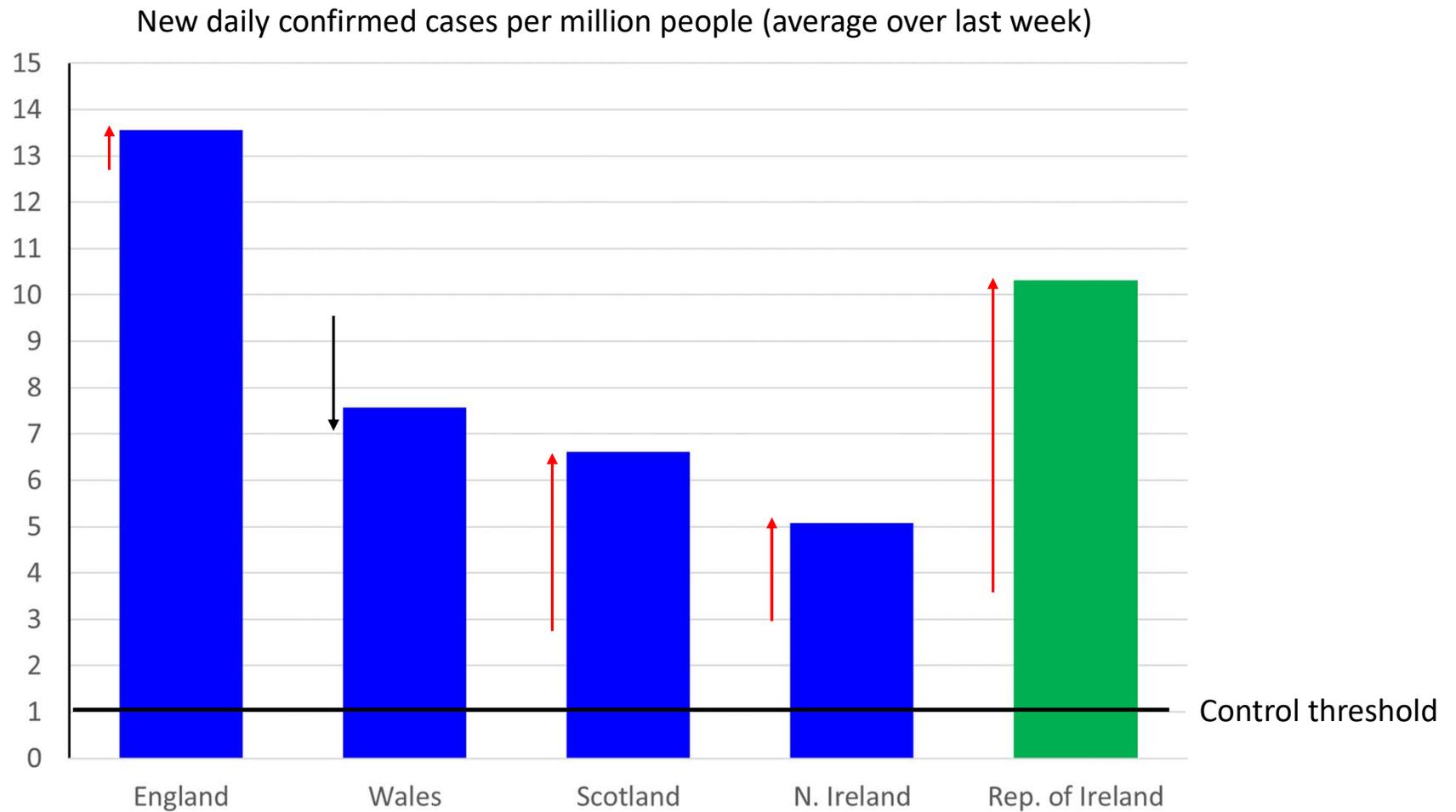
Data from <https://www.covidlive.co.uk/>

England - 5 August



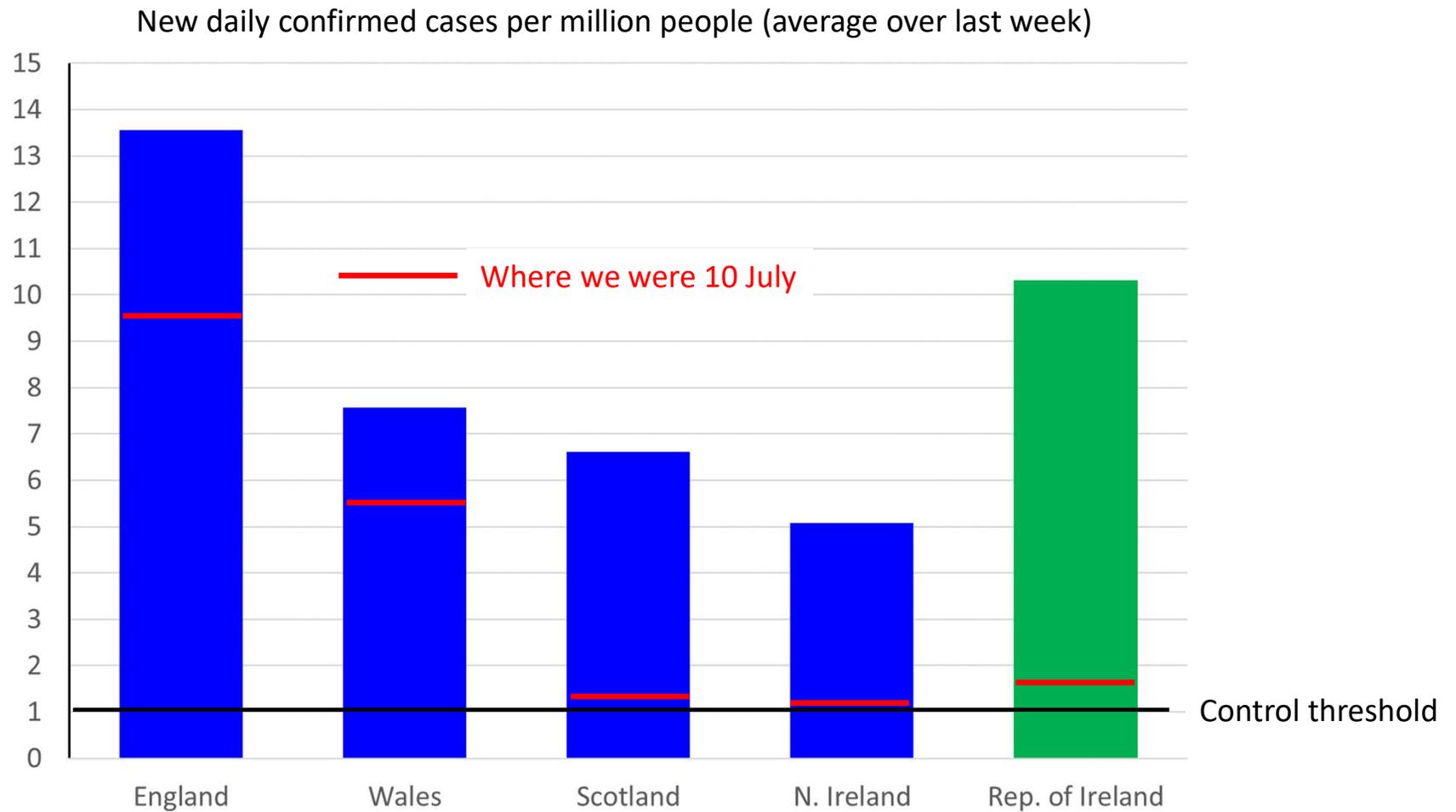
Data from <https://www.fil.ion.ucl.ac.uk/spm/covid-19/dashboard/local/>

Towards zero COVID?



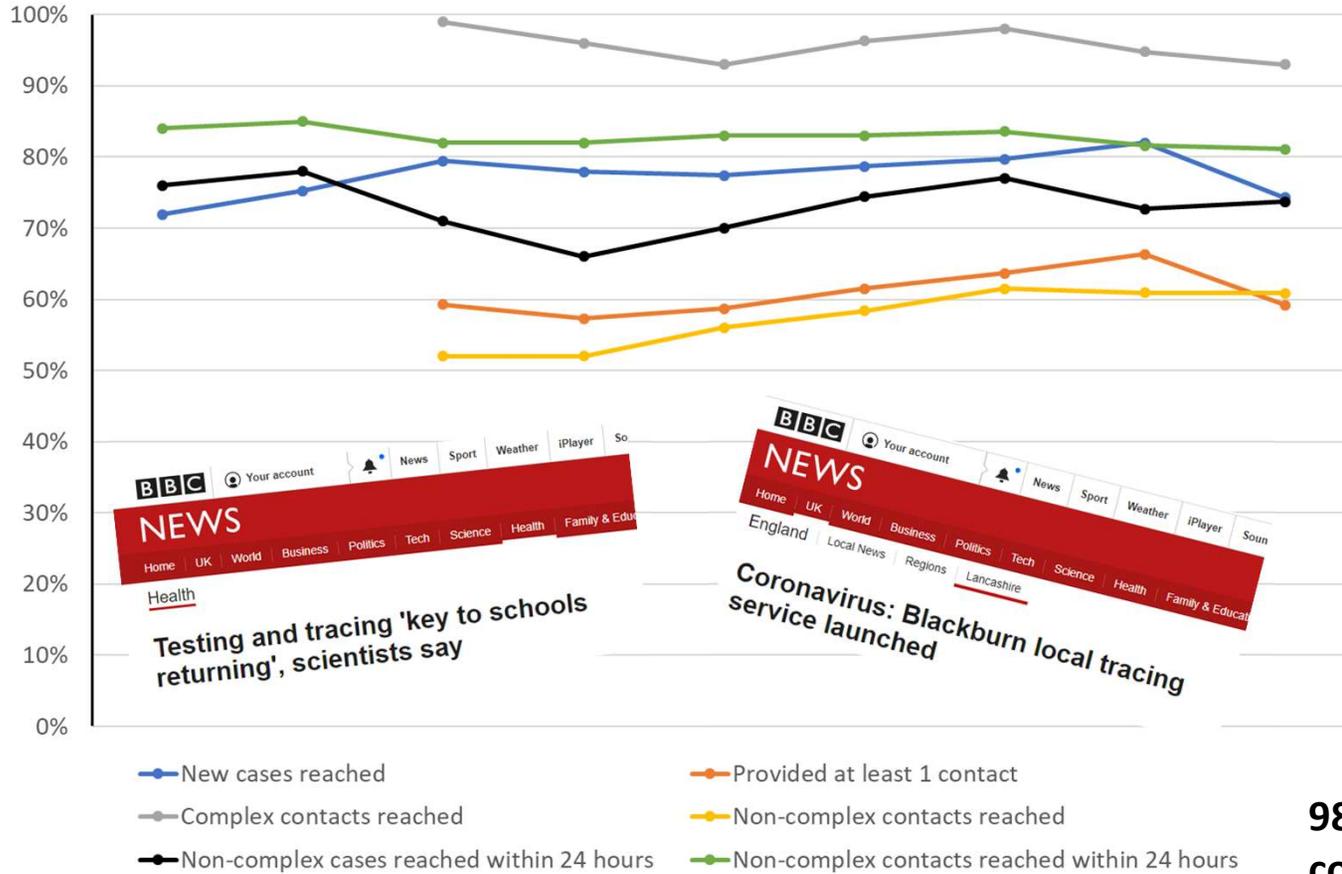
Data from <https://coronavirus.data.gov.uk/> and <https://www.ecdc.europa.eu/en/publications-data/download-todays-data-geographic-distribution-covid-19-cases-worldwide>

Towards zero COVID?



Data from <https://coronavirus.data.gov.uk/> and <https://www.ecdc.europa.eu/en/publications-data/download-todays-data-geographic-distribution-covid-19-cases-worldwide>

Test and Trace metrics over the last 9 weeks (28 May – 29 July)



No significant improvement

47,344 people referred to NHS
Test & Trace (**new cases**)

77% of **new cases** reached

60% of **new cases** provided
at least one contact

98% of **complex**
contacts reached

56% of **non-complex**
contacts reached

Summary

Deaths are declining, but latest data is to 24 July – reflecting people infected in mid June, when cases were still going down. We would not expect to see any increase in deaths until end of August at the earliest.

There does appear to be a (small) increase in transmission since mid-July (last 3 weeks).

August should be the **easiest** month to keep virus under control. Although increases are small now, they can quickly escalate – government needs to act **now**.

We believe the **government priority should be driving down infections to enable schools to fully open in September**.

This requires a much better contact tracing system. **We believe it is time to rethink the whole test and trace system**.

The centralised contact tracing structure is not working. **It's time to invest those resources instead in local structures** (such as are already being developed in some areas).

The good news that it's not too late – but we cannot “take August off”. **Adopting a towards ZeroCOVID strategy *now* is how we move into autumn safely**.