Latest numbers on COVID19 in the UK – 17 July 2020

We have combined data from the government’s daily figures\(^1\) and the government’s report on NHS Test and Trace\(^2\).

1. Number of new deaths from COVID19 in the UK.

2. Number of new infections in the UK.

3. NHS Test and Trace results.

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1. [https://coronavirus-staging.data.gov.uk/](https://coronavirus-staging.data.gov.uk/)
Number of new UK deaths COVID-19 per day

Note: deaths reflect people infected about 3 to 4 weeks earlier

- 7-day rolling average

Data from https://coronavirus-staging.data.gov.uk/
Number of new UK confirmed COVID-19 cases (people who have had a positive test)

Note: new confirmed cases reflect people infected about 1 week earlier

New confirmed cases

7-day rolling average

Data from https://coronavirus-staging.data.gov.uk/

642 on 9th July
642 on 16th July

Counting changed on 2nd July
Towards zero COVID?

New daily confirmed cases per million people (average over last week)

How many new infections a week?

Best estimates are somewhere between **20,000 and 30,000 new infections a week (3,000 – 4,500 a day)**.


UCL (latest estimate 16th July) [https://www.fil.ion.ucl.ac.uk/spm/covid-19/dashboard/local/](https://www.fil.ion.ucl.ac.uk/spm/covid-19/dashboard/local/)
A minimum of **80%** of people with symptoms should be getting a test.

It’s somewhere between **40%-70%**.

**Need to Find and Test!**

Data from https://www.gov.uk/government/collections/nhs-test-and-trace-statistics-england-weekly-reports
A minimum of 80% of contacts of new cases should isolate.

52% new cases give at least 1 contact.

Non-complex cases providing fewer than 5 contacts each (expect 10-20)

Need to improve tracing!
A minimum of **80%** of contacts of new cases should isolate.

**99%** contacts for complex cases reached and asked to isolate

**53%** contacts for non-complex cases reached and asked to isolate

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A minimum of **80%** of people with symptoms should be getting a test.

A minimum of **80%** of contacts of new cases should isolate.

**We are nowhere near good enough yet**

Data from https://www.gov.uk/government/collections/nhs-test-and-trace-statistics-england-weekly-reports
Deaths and hospital admissions are declining, but new confirmed cases are not declining.

New cases are at a low level but slightly higher this week than last week in all nations except Wales.

NHS Test and Trace is working, but not well enough. Contacts are not reached quickly enough and the process is too leaky.