

Latest numbers on COVID19 in the UK – 17 July 2020

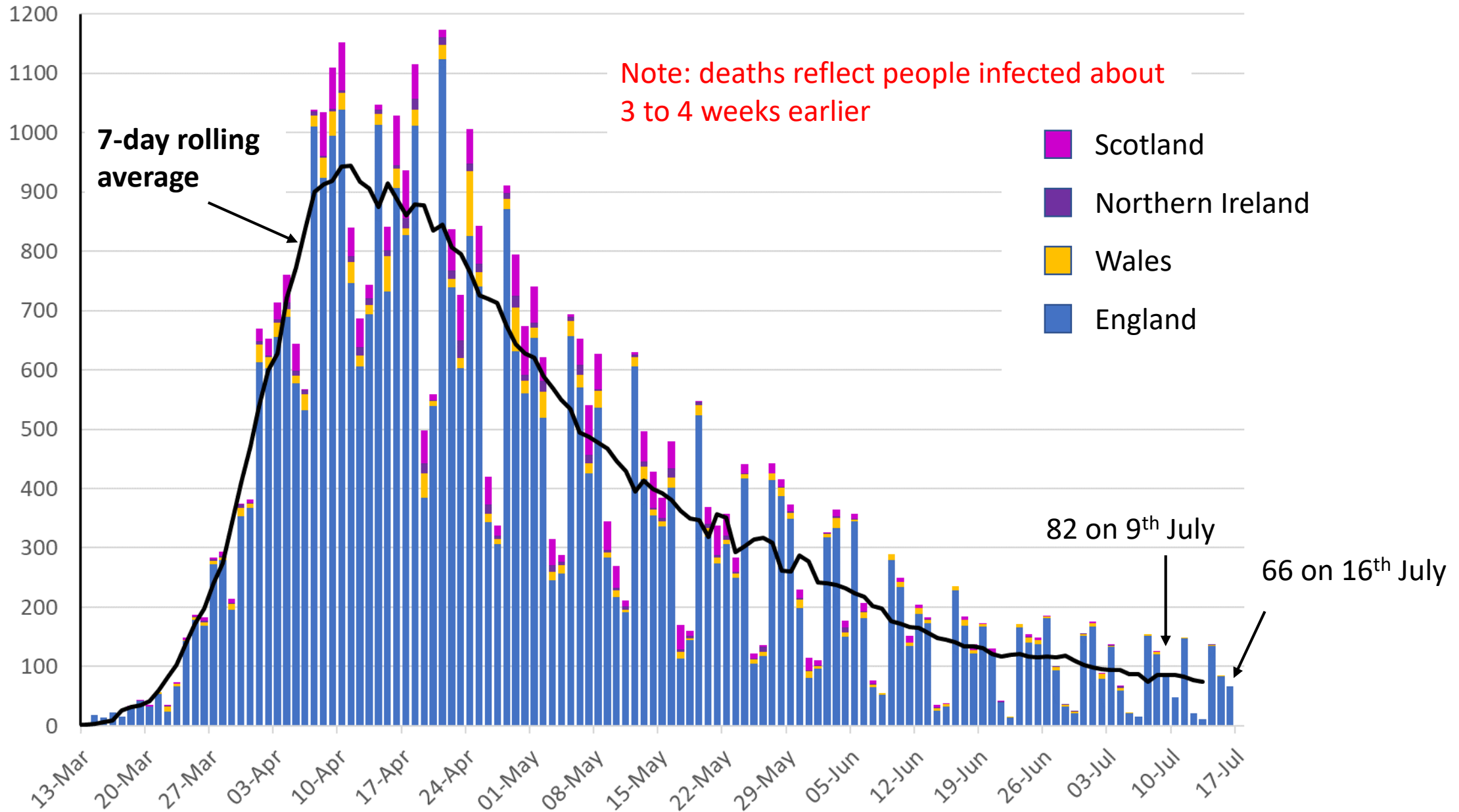
We have combined data from the government's daily figures¹ and the government's report on NHS Test and Trace².

1. Number of new deaths from COVID19 in the UK.
2. Number of new infections in the UK.
3. NHS Test and Trace results.

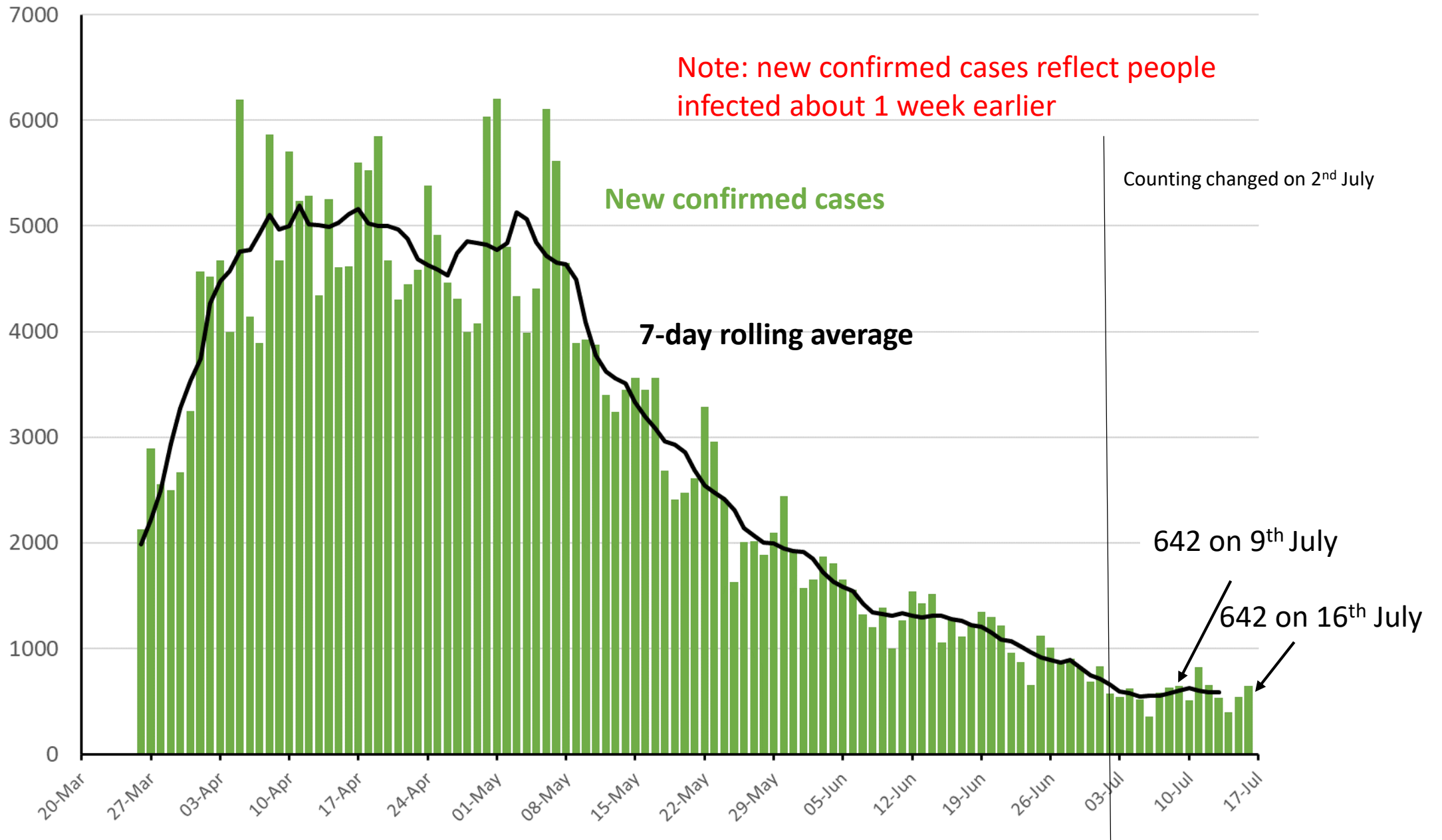
1. <https://coronavirus-staging.data.gov.uk/>

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

Number of new UK deaths COVID-19 per day

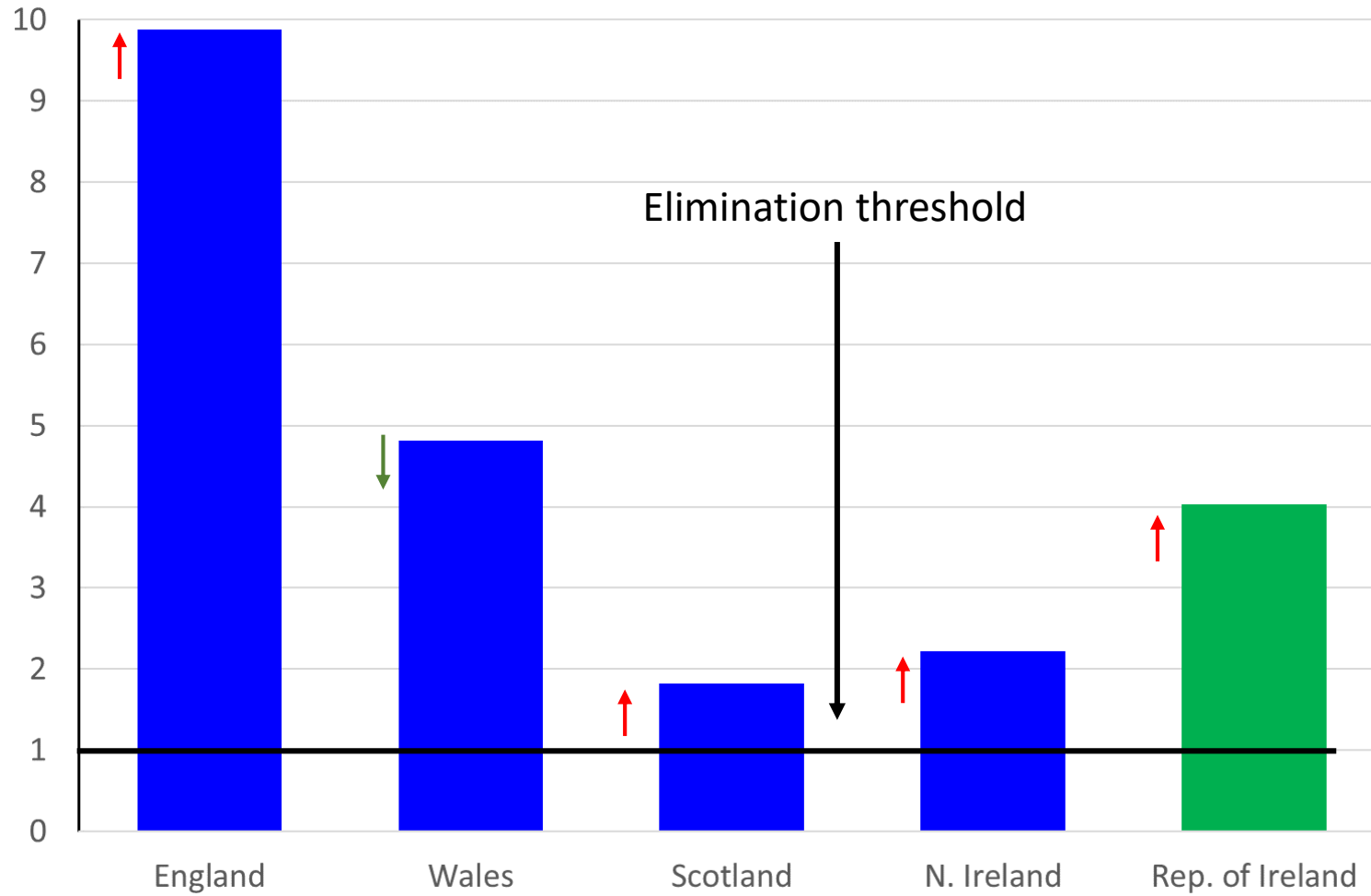


Number of new UK confirmed COVID-19 cases (people who have had a positive test)



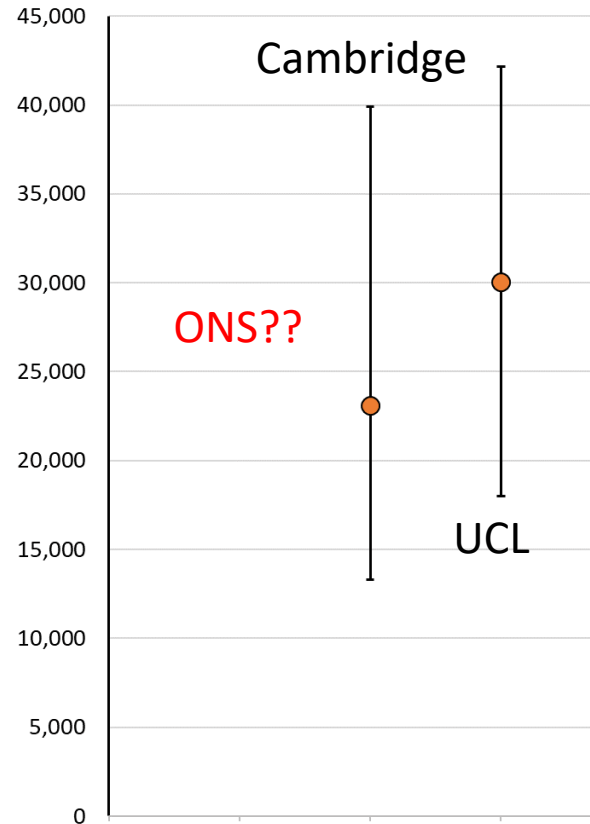
Towards zero COVID?

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



How many new infections a week?

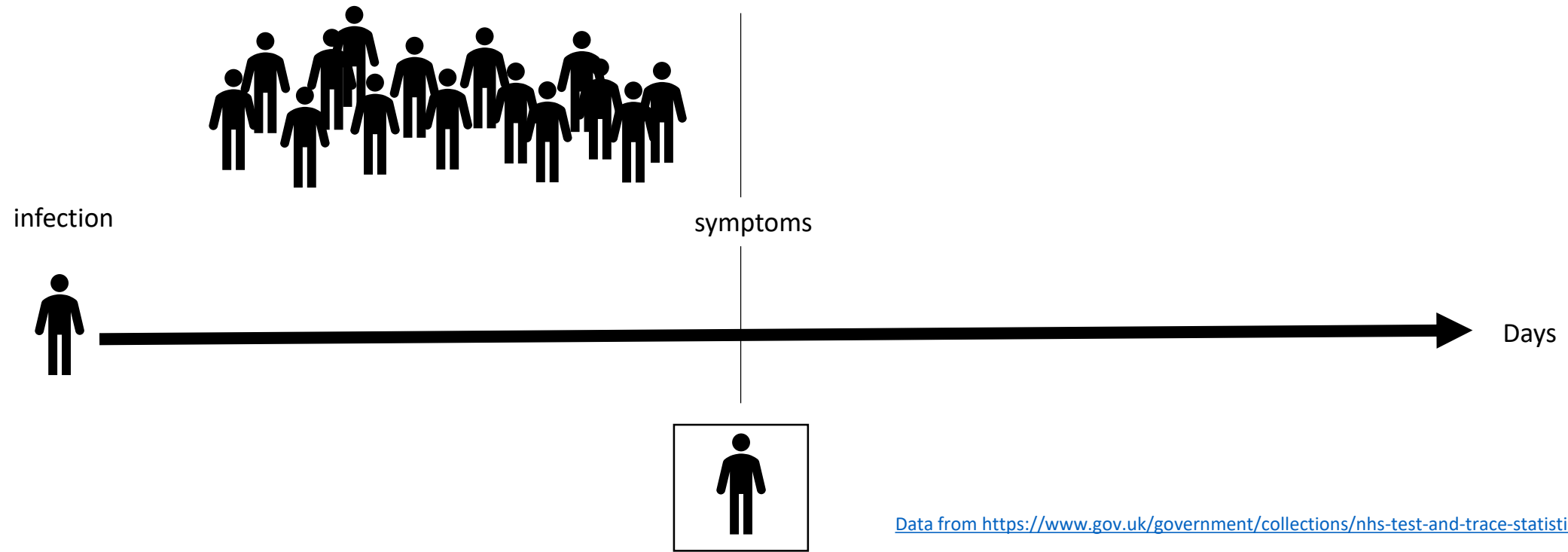
Best estimates are somewhere between **20,000 and 30,000** new infections a week (**3,000 – 4,500** a day).



Cambridge (latest estimate 13th July) <https://www.mrc-bsu.cam.ac.uk/tackling-covid-19/nowcasting-and-forecasting-of-covid-19/>

UCL (latest estimate 16th July) <https://www.fil.ion.ucl.ac.uk/spm/covid-19/dashboard/local/>

Contact tracing & timing

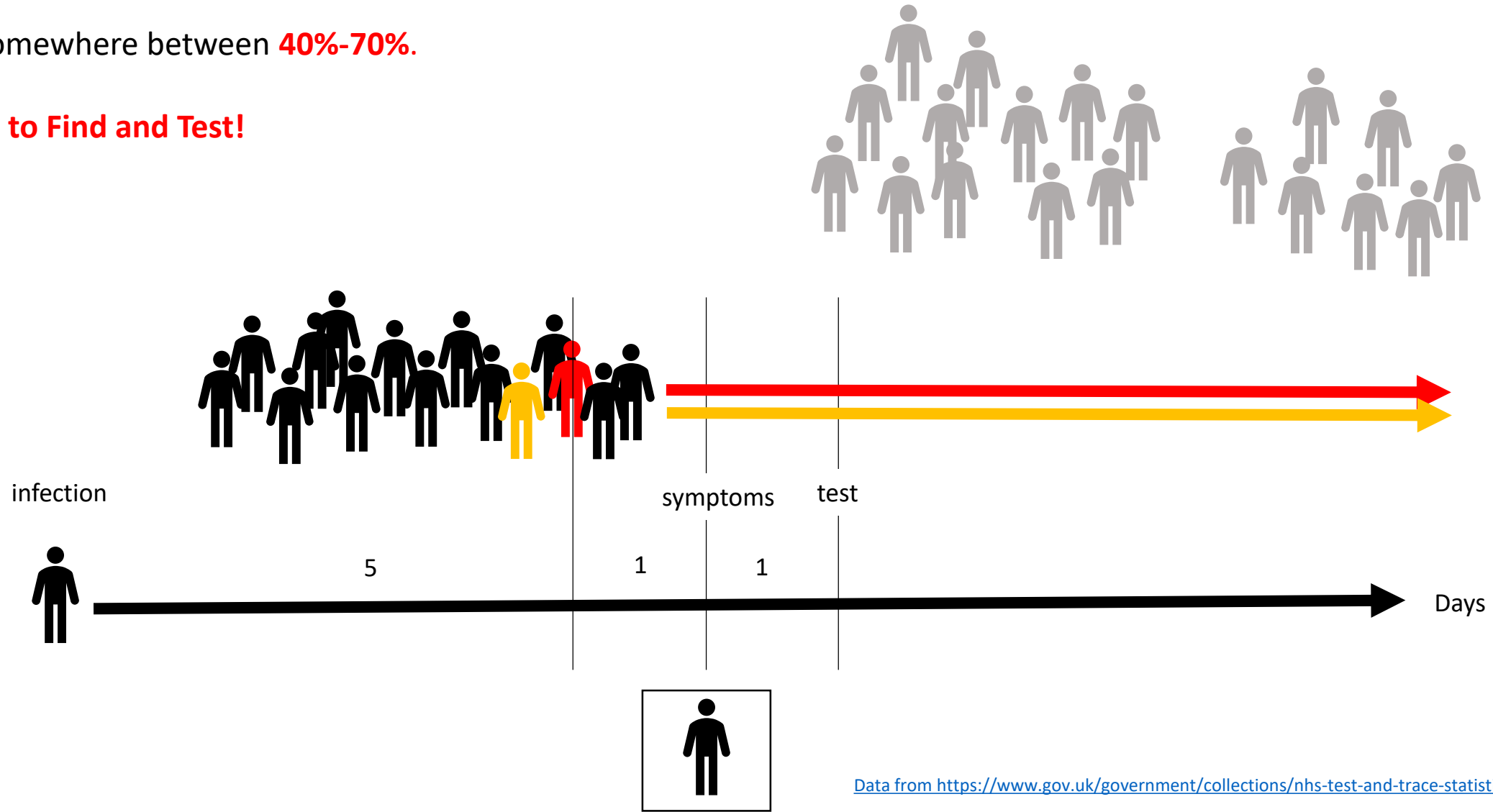


Contact tracing & timing

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

It's somewhere between **40%-70%**.

Need to Find and Test!



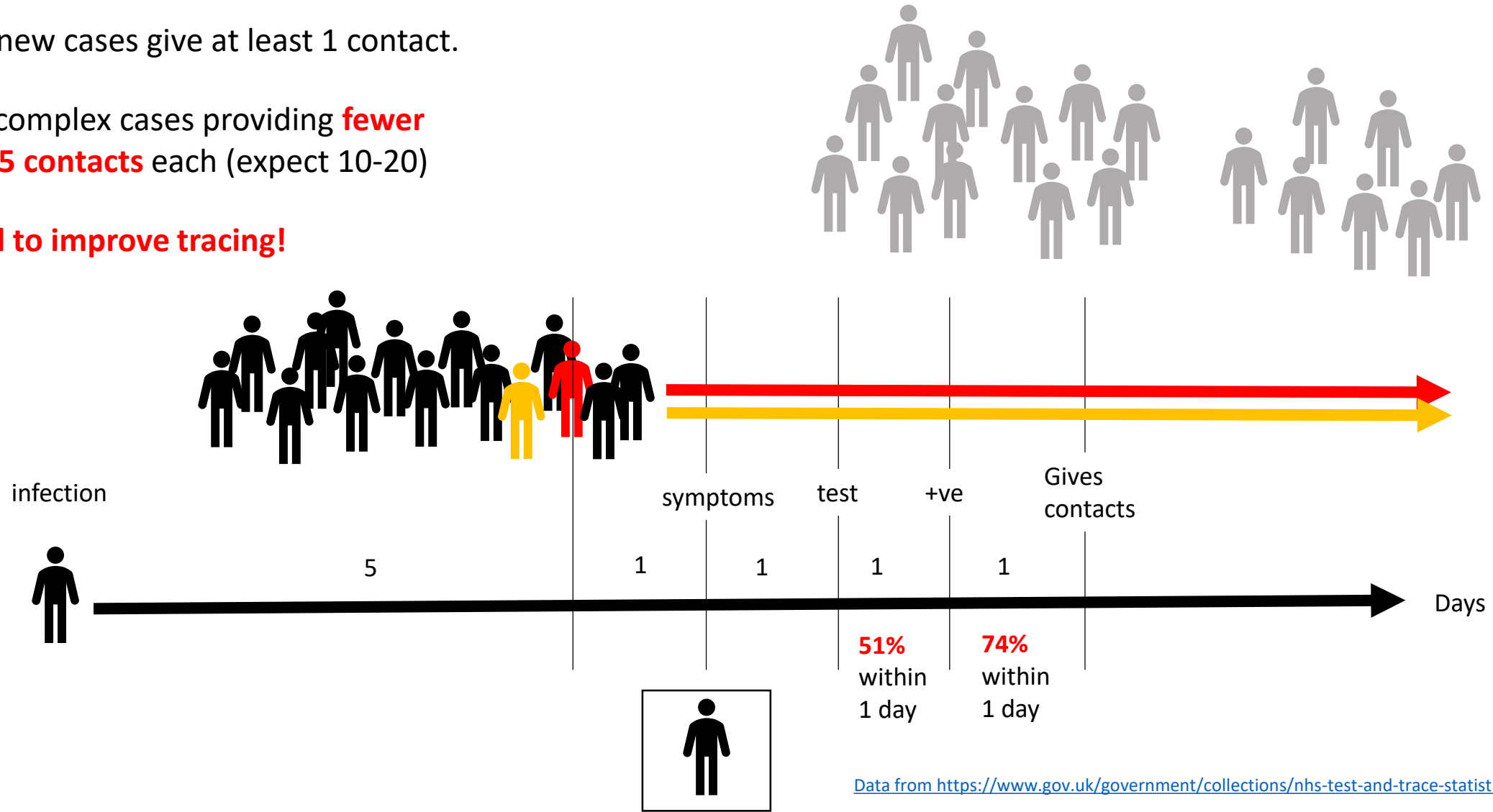
Contact tracing & timing

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!

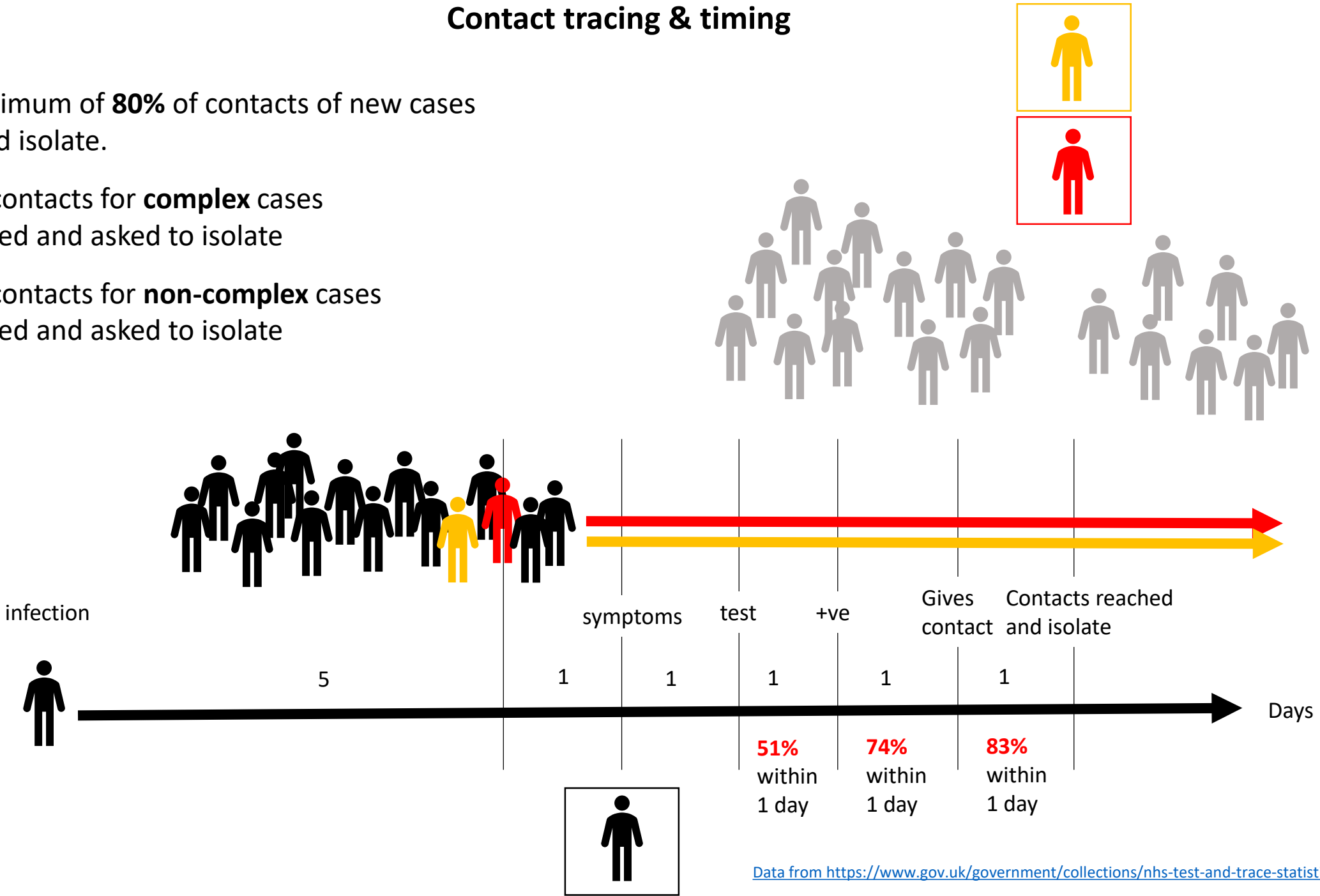


Contact tracing & timing

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

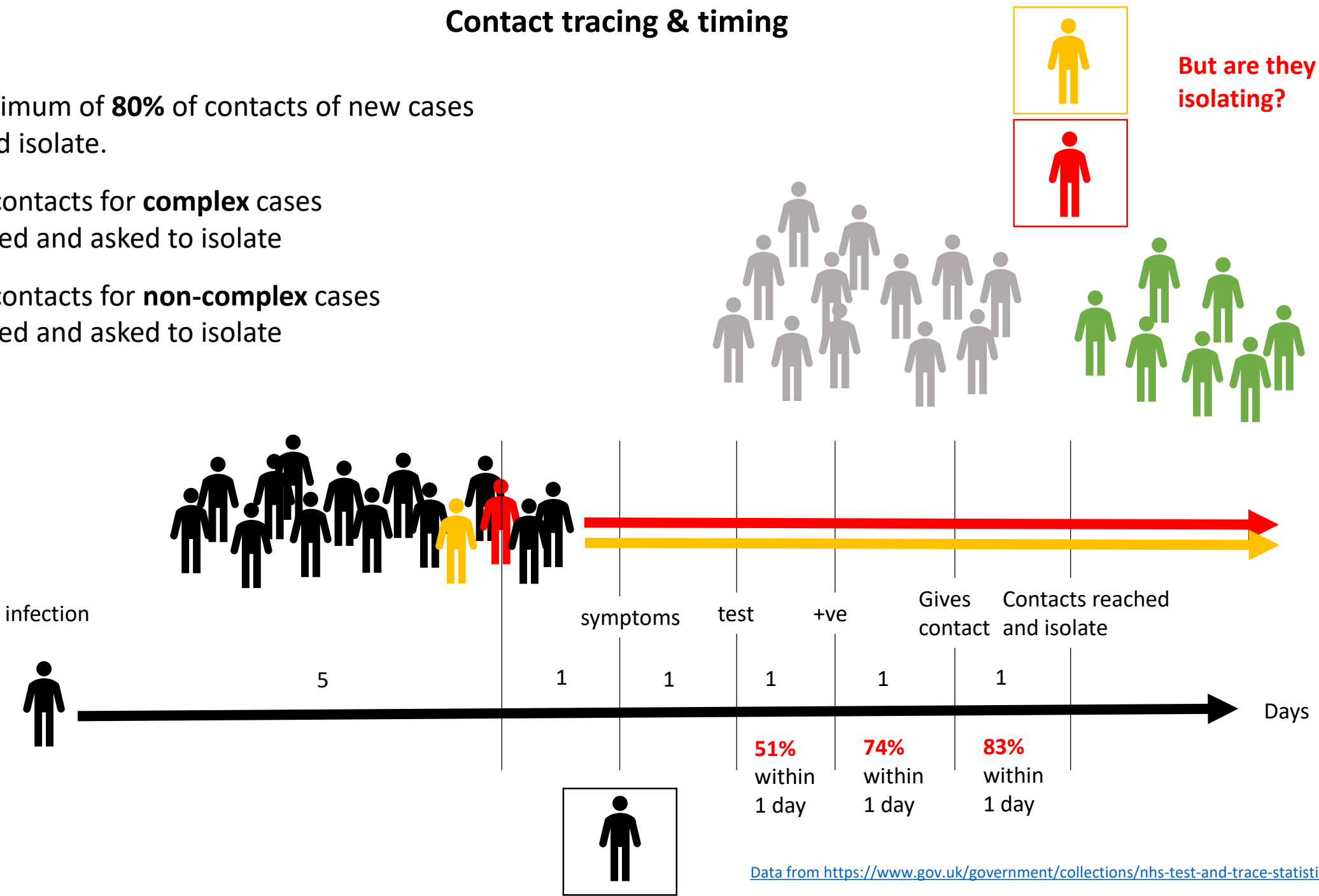


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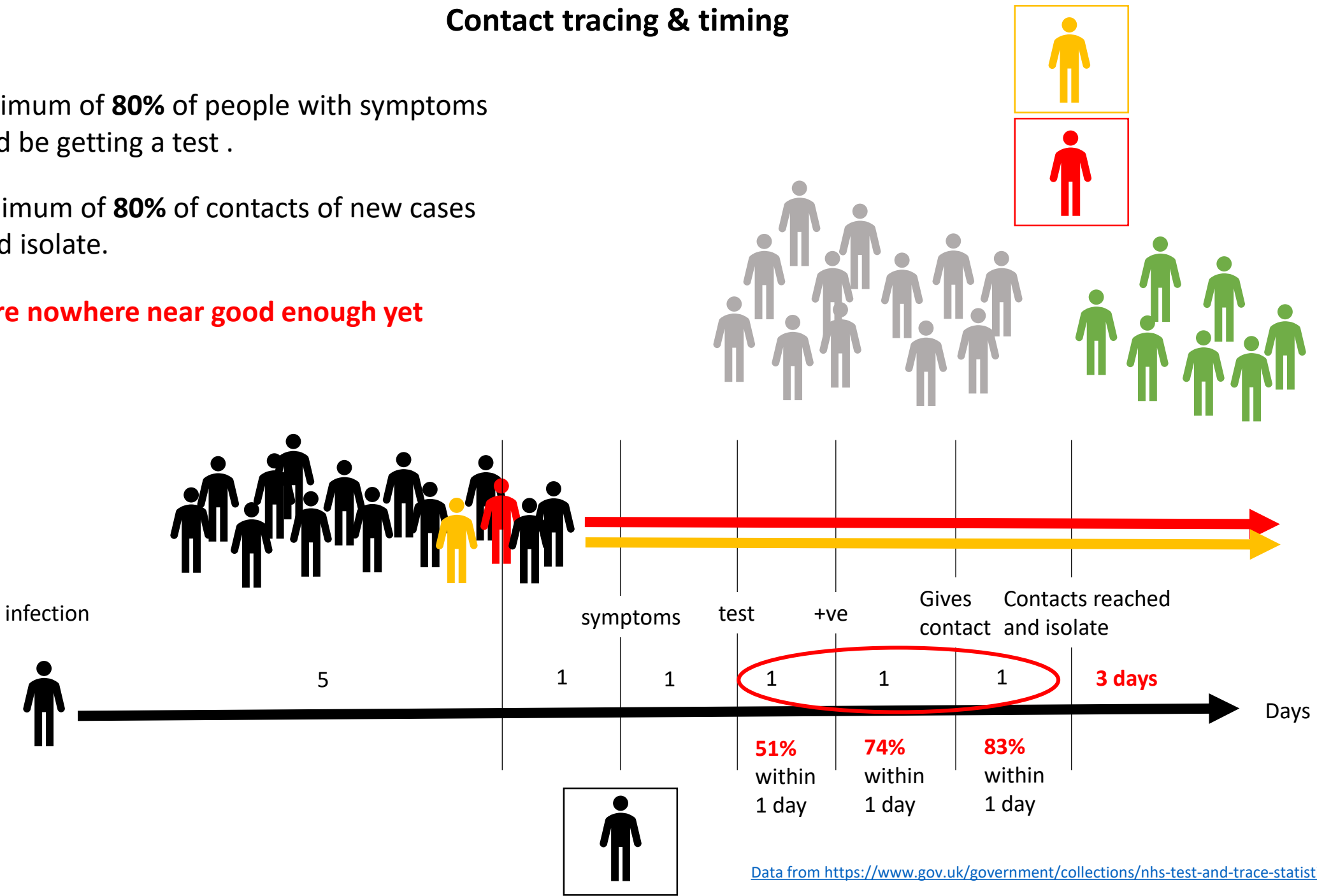


Contact tracing & timing

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



Summary

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.