# Estimates of COVID-19 incidence in England

<table>
<thead>
<tr>
<th>Study</th>
<th>Data cut-off date</th>
<th>Estimate of daily incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>REACT-1 Study, round 6 interim results</td>
<td>25&lt;sup&gt;th&lt;/sup&gt; October 2020</td>
<td>86,300 – 105,800</td>
</tr>
<tr>
<td>ONS COVID-19 Infection Study</td>
<td>23&lt;sup&gt;rd&lt;/sup&gt; October 2020</td>
<td>38,500 – 79,200</td>
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<tr>
<td>SPI-M, consensus statement</td>
<td>27&lt;sup&gt;th&lt;/sup&gt; October 2020</td>
<td>50,000 – 63,000</td>
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</tbody>
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R estimates over time for the UK

Source: SAGE minutes, published on GOV.UK, and www.gov.uk/guidance/the-r-number-in-the-uk
WINTER SCENARIOS FROM EARLY WORKING ANALYSIS
England daily deaths if no changes in policy or behaviour

These curves represent scenarios from a number of academic modelling groups. THESE ARE SCENARIOS - NOT PREDICTIONS OR FORECASTS

Source: SPI-M Preliminary Long Term Scenarios week commencing 9 October
England - daily hospital admissions to date with SPI-M medium term projection for the next six weeks

Plots on slides 4 and 5 have been amended after an error was found in the interquartile ranges for SPI-M medium term projections. This does not affect the insights that can be taken from these analysis.

Source: SPI-M Medium Term Projections 26 October
England - daily deaths to date with SPI-M medium term projection for the next six weeks

Plots on slides 4 and 5 have been amended after an error was found in the interquartile ranges for SPI-M medium term projections. This does not affect the insights that can be taken from these analysis.

Source: SPI-M Medium Term Projections 26 October
England new SPI-M combined projection bed usage

Exceeds peak on circa 20/11/2020
Exceeds currently available beds on circa 23/11/2020
Exceeds surge capacity and capacity freed up from postponing some hospital services on circa 04/12/2020

Source: SPI-M modelling provided 29/10/20. ‘V’ bed demand numbers are not separately modelled and are based on current ratios to all beds, which may result in discontinuity between historical data and forecasts. Currently available beds assumes max 95% G&A bed occupancy and 90% ‘V’ occupancy.

Current confirmed Covid positive inpatients as reported by providers as 0800 29 October 2020.