

# COVID-19 – Solihull Data Summary, 11<sup>th</sup> December 2020

## Summary

- The number of new cases was 312 in the 7 days to 5<sup>th</sup> December, a rate of 144.2 per 100,000 population.
- There was a small decrease in the number of new cases last week.
- The current reproduction number (Rt) in the Midlands is estimated to be 0.8-0.9.
- There were 14 COVID-related deaths in the week ending 27<sup>th</sup> November (Source: ONS).

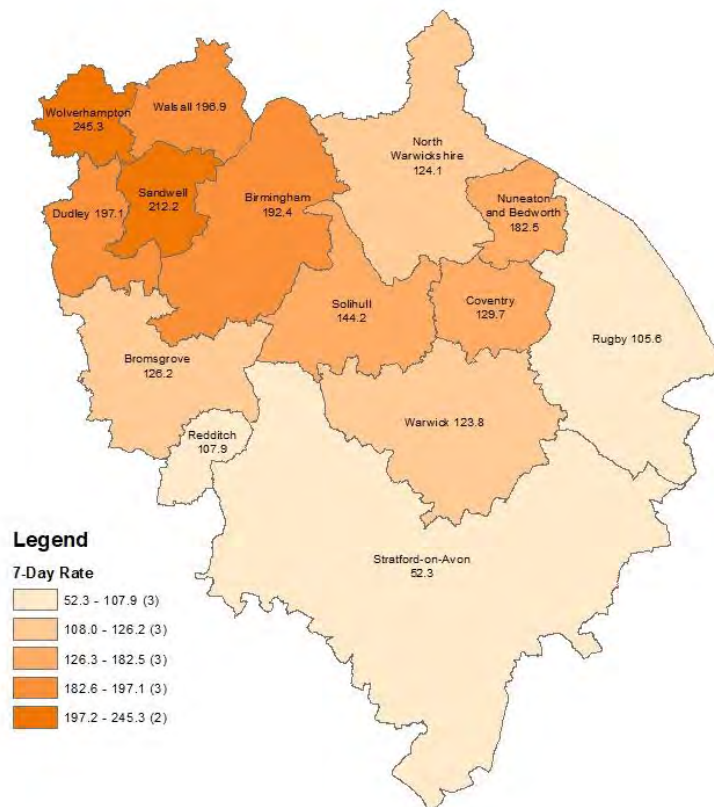
## Weekly Cases and Rates

COVID-19 cases are identified by taking specimens from people and sending them to laboratories around the UK to be tested. If the test is positive, this is referred to as a lab-confirmed case.

## New Cases

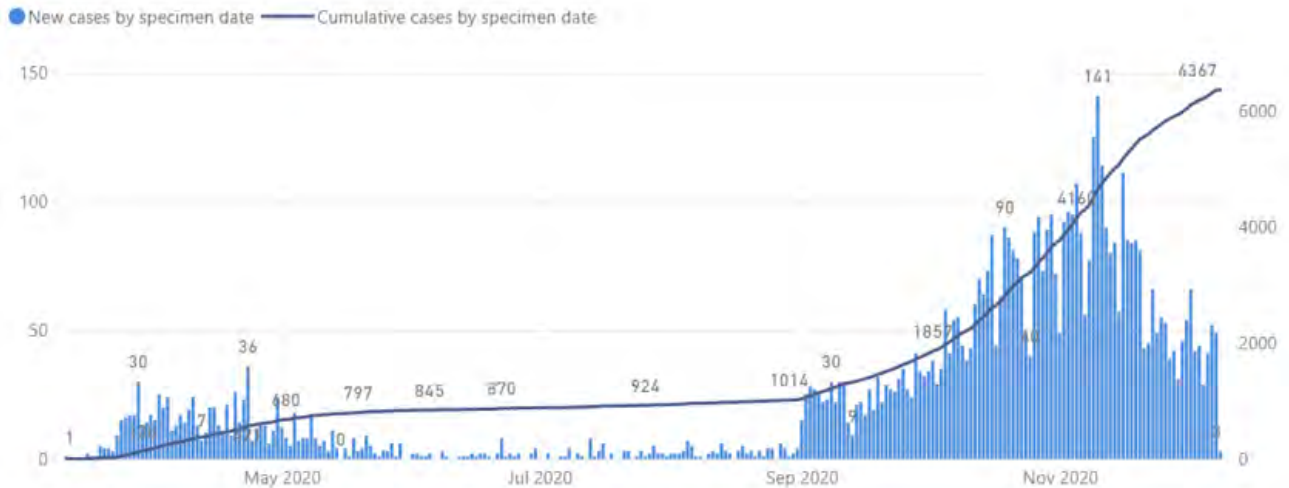
In the 7 days to 5<sup>th</sup> November, Solihull had 312 new lab-confirmed cases, a rate of 144.2 per 100,000 population, Solihull’s rate has decreased over the last week.

Below is a map showing the 7-day rates for Solihull and neighbouring areas. Of the 7 Local Authorities in the West Midlands Combined Authority Area, only Coventry had a lower rate.



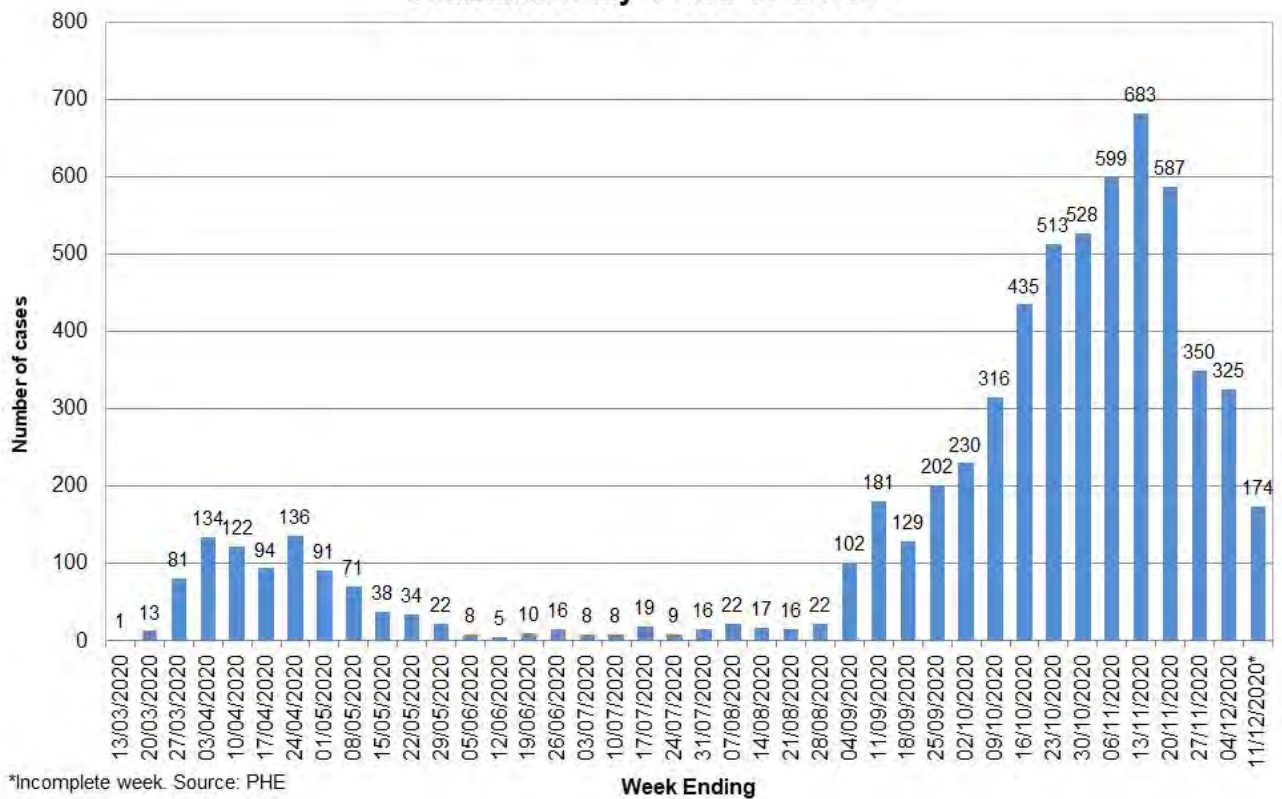
### Total Cases

The total number of confirmed cases in Solihull since the start of the pandemic was 6367 at 9<sup>th</sup> December. The cumulative number of cases over time is shown in the graph below; the full sized version of this chart can be found at <https://coventry-city-council.github.io/covid-19/dashboard/#solihull>



The breakdown of cases in Solihull by week is shown below. In the week to 4<sup>th</sup> December, there were 325 positive cases, compared with 350 the previous week and 587 the week before.

### Solihull Weekly Covid-19 Cases



It should be noted that case numbers prior to May are not directly comparable as there was much more restricted access to testing then.

### Number of Weekly Cases by Ward

The table below shows the number of cases by ward for the 14 days between 26<sup>th</sup> November and 9<sup>th</sup> December. The number of cases by ward for previous 14 days is also shown. It should be noted that, as electoral wards are relatively small areas, the wards with highest and lowest number of cases is liable to change.

Olton, Dorridge & Hockley Heath and Bickenhill have had the most confirmed cases in the last 14 days.

Table: Number of Covid-19 cases by Ward.

Ward Name	Number of cases 12 <sup>h</sup> – 25 <sup>th</sup> November	Number of cases 26 <sup>th</sup> November – 9 <sup>th</sup> December
Bickenhill	91	50
Blythe	49	31
Castle Bromwich	75	49
Chelmsley Wood	77	53
Dorridge & Hockley Heath	34	52
Elmdon	61	30
Knowle	27	25
Kingshurst & Fordbridge	76	40
Lyndon	78	41
Meriden	25	18
Olton	56	71
Silhill	56	35
Shirley East	41	41
Shirley South	53	29
Shirley West	60	28
St Alphege	49	23
Smith’s Wood	87	26
<b>Total</b>	995	644

Source: Public Health England Data, lab confirmed cases.

### Reproduction Number (Rt)

The reproduction number is the number of people that one infected person will pass on a virus to, on average. If the reproduction number is higher than one, then the number of cases increase exponentially. If the number is lower the disease will eventually stop spreading, as not enough new people are being infected to sustain the outbreak.

The current reproduction number (Rt) for the Midlands regions is estimated to be 0.8-0.9 (source: <https://www.gov.uk/guidance/the-r-number-in-the-uk>, last updated Friday 4<sup>th</sup> December)

## Schools

Schools currently report all confirmed cases of COVID-19 to Public Health England and the Public Health Team at Solihull Council. Both provide schools with advice on identifying close contacts of confirmed cases and support with making decisions on further infection control measures, including sending bubbles home.

Below is the number of lab-confirmed cases in Solihull primary and secondary schools in the last 14 days:

	Pupils Confirmed Covid-19 Cases	Staff Confirmed Covid-19 Cases
Primary Schools	39	12
Secondary Schools	23	9

Source: Compiled by Solihull Council Public Health Team, data as at 5pm on Thursday 10<sup>th</sup> December.

## Hospital Inpatients

At 10<sup>th</sup> December, there were 419 Covid positive inpatients in University Hospitals Birmingham NHS Foundation Trust hospitals, compared with 391 a week before. This includes 45 in Intensive Treatment / High Dependency Units, up from 38 a week before. This will include a number of Solihull residents although the majority will be Birmingham residents (source: UHB Inpatient report, 10<sup>th</sup> December).

## Weekly Death Registrations and Occurrences (latest data published covers up to w/e 27<sup>th</sup> November 2020)

As of the week ending 27<sup>th</sup> November, there have been 353 deaths of Solihull residents that mention COVID-19. Fourteen COVID-19 deaths occurred in the latest week.

Further information is available on Office for National Statistics death registrations page.

## Further Information

<https://coventry-city-council.github.io/covid-19/dashboard/>

This dashboard, developed by Coventry City Council as part of the Local Outbreak Management beacon with Warwickshire and Solihull, contains a variety of useful information and allows users to compare rates in Solihull with other areas.

11<sup>th</sup> December 2020