

COVID-19 – Solihull Data Summary, 18th December 2020

Summary

- The number of new cases was 357 in the 7 days to 12th December, a rate of 165 per 100,000 population.
- The number of new cases last week was slightly higher than the previous week.
- The current reproduction number (Rt) in the Midlands is estimated to be 0.8-1.0.
- There were 10 COVID-related deaths in the week ending 4th December (Source: ONS).

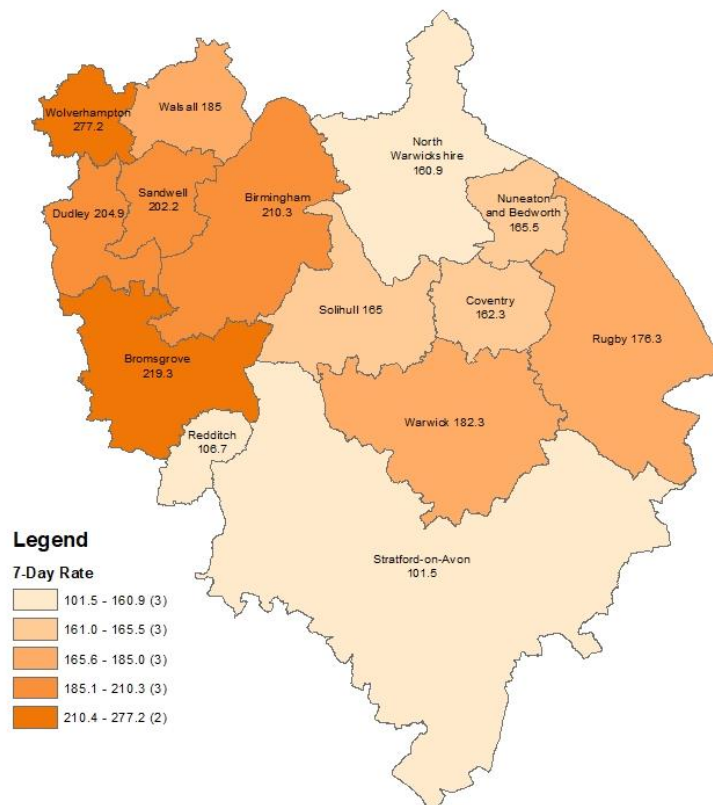
Weekly Cases and Rates

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

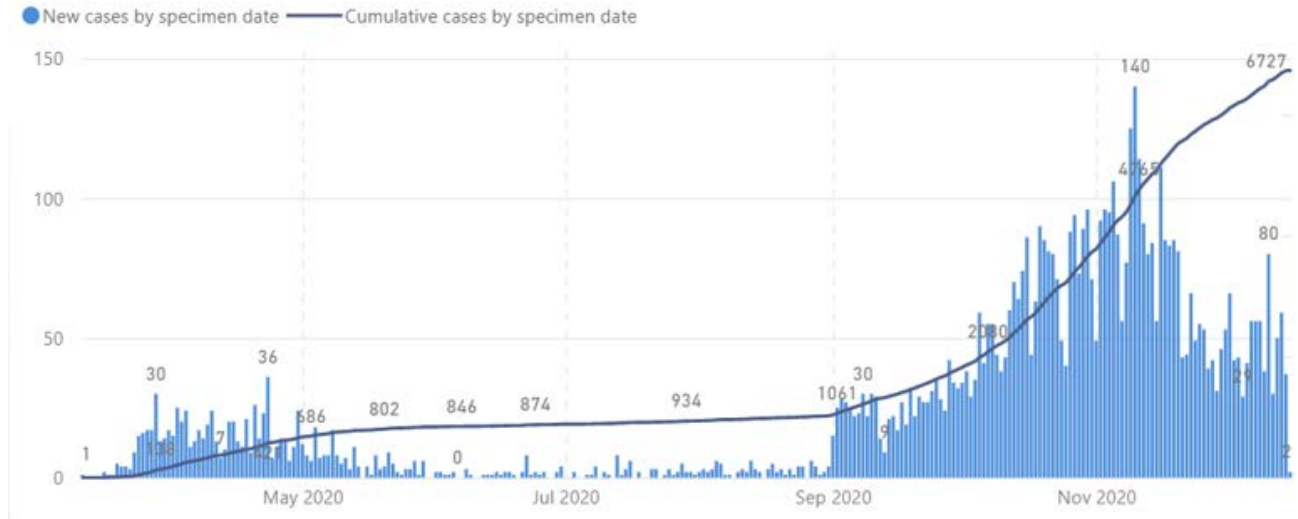
In the 7 days to 12th December, Solihull had 357 new lab-confirmed cases, a rate of 165 per 100,000 population.

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.



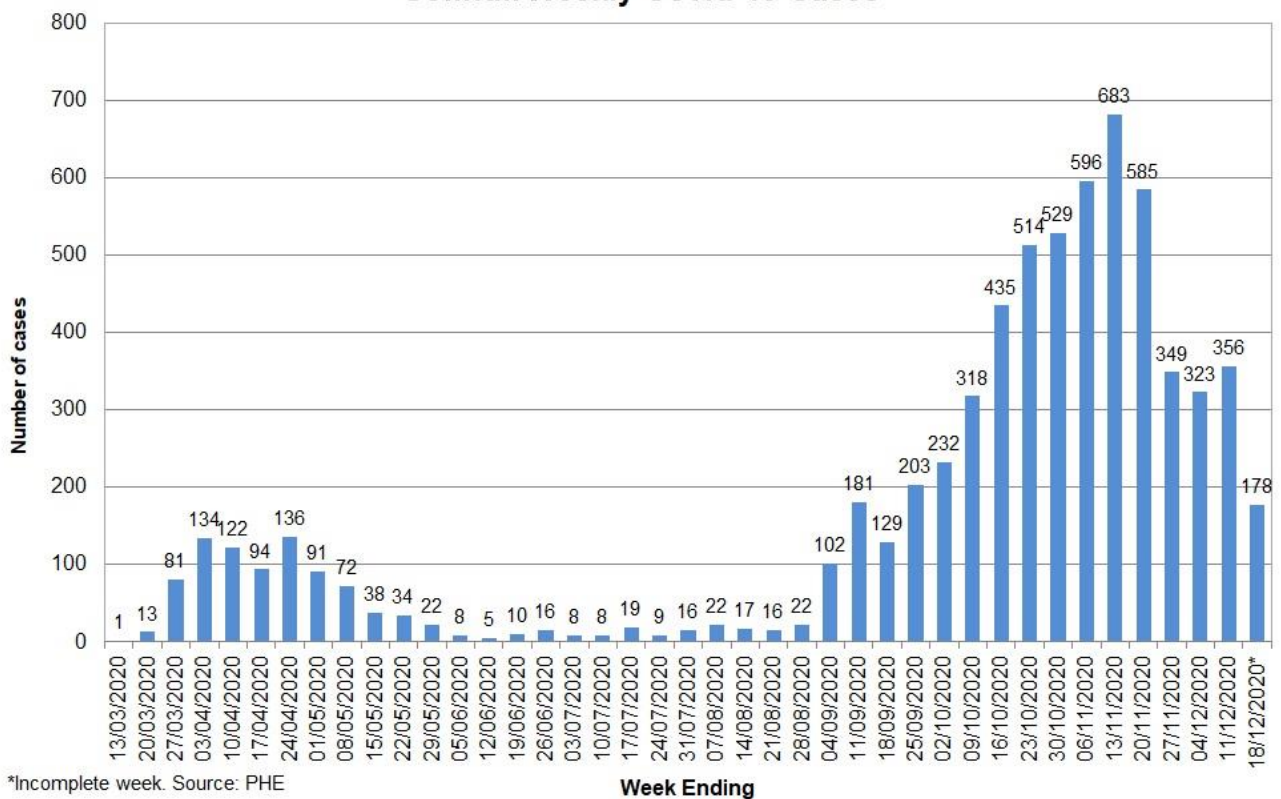
Total Cases

The total number of lab-confirmed cases in Solihull since the start of the pandemic was 6727 at 16th 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 11th December, there were 356 new lab-confirmed cases, compared with 323 the previous week.

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.

Number of New Cases by Ward

The table below shows the number of new lab-confirmed cases by ward for the 14 days between 3rd and 16th December. The number of new cases in the previous 14 days is also shown for comparison. 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.

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

Table: Number of Covid-19 cases by Ward.

Ward Name	Number of cases 19 th November – 2 nd December	Number of cases 3 rd December – 16 th December
Bickenhill	65	62
Blythe	31	45
Castle Bromwich	61	41
Chelmsley Wood	70	45
Dorridge & Hockley Heath	29	55
Elmdon	35	38
Knowle	32	29
Kingshurst & Fordbridge	47	46
Lyndon	54	34
Meriden	12	37
Olton	60	58
Silhill	42	30
Shirley East	38	33
Shirley South	44	25
Shirley West	36	36
St Alphege	44	24
Smith's Wood	49	46
Total	749	684

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 0.8-1.0 (source: <https://www.gov.uk/guidance/the-r-number-in-the-uk>, last updated Friday 11th 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	15	6
Secondary Schools	19	7

Source: Compiled by Solihull Council Public Health Team, data at 5pm on Thursday 17th December.

Hospital Inpatients

At 17th December, there were 418 Covid positive inpatients in University Hospitals Birmingham NHS Foundation Trust hospitals, compared with 419 a week before. This includes 33 in Intensive Treatment / High Dependency Units, compared with 45 a week before. This will include a number of Solihull residents although the majority will be Birmingham residents (source: UHB Inpatient report, 17th December).

University Hospitals Birmingham publish information several times a week at:

<https://www.uhb.nhs.uk/coronavirus-staff/daily-statistics.htm>

Weekly Death Registrations and Occurrences (latest data published covers up to w/e 4th December 2020)

As of the week ending 4th December, there have been 365 deaths of Solihull residents that mention COVID-19. Ten COVID-19 deaths occurred in the latest week.

Further information is available on the 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.

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