

COVID-19 – Solihull Data Summary, 6th November 2020

Summary

- The number of new cases was 563 in the 7 days to 31st October, a rate of 260.2 per 100,000 population.
- Solihull has the 6th highest rate of new cases in the West Midlands Combined Authority area over the last week, only Coventry has a lower rate with 203.6 per 100,000.
- The current reproduction number (Rt) in the Midlands is estimated to be 1.2-1.4.
- There were four COVID-related deaths in the week ending 23rd October (Source: ONS).

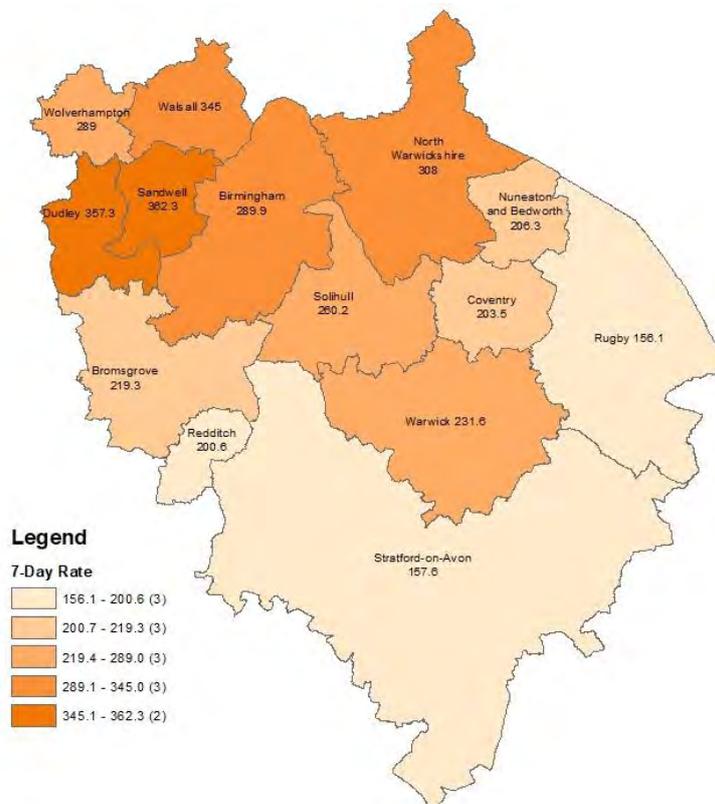
Weekly Cases and Rates

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. Pillar 1 refers to tests carried out in labs run by Public Health England or NHS labs (usually for hospital inpatients and frontline NHS workers), pillar 2 refers to tests delivered by commercial partners (usually for the general public).

New Cases

In the 7 days to 31st October, Solihull had 563 new lab-confirmed cases, a rate of 260.2 per 100,000 population, Solihull’s rate has increased 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.



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 1.2-1.4 (source: <https://www.gov.uk/guidance/the-r-number-in-the-uk>, last updated Friday 30th October)

Weekly Cases by Ward

The table below shows the number of cases by ward for the 14 days between 22nd October and 4th November. 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.

Kingshurst & Fordbridge, Blythe, Chelmsley Wood, Castle Bromwich and Lyndon wards have had the most confirmed cases in the last 14 days.

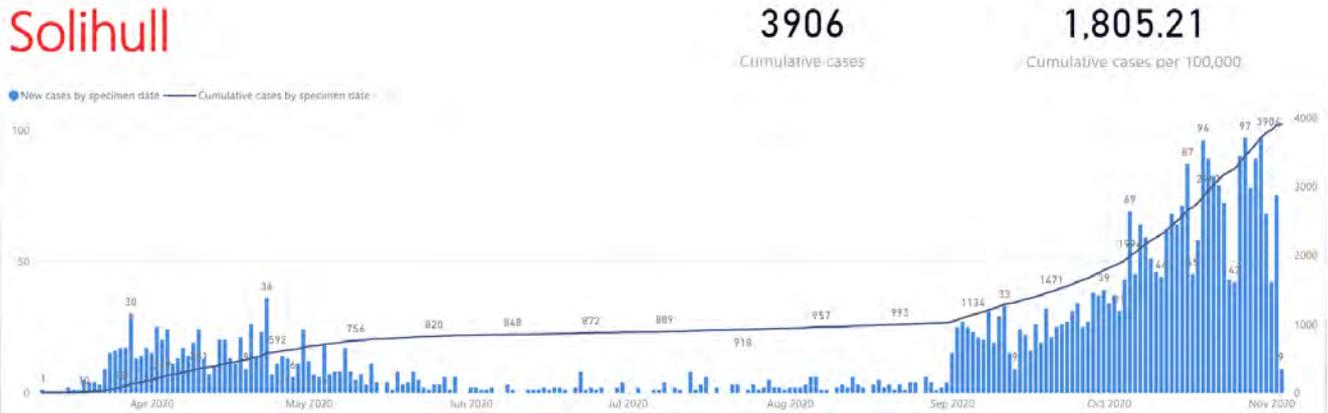
Table: Number of Covid-19 cases by Ward.

Ward Name	Number of cases 8 th - 21 st October	Number of cases 22 nd October - 4 th November
Bickenhill	90	61
Blythe	51	77
Castle Bromwich	73	70
Chelmsley Wood	98	75
Dorridge & Hockley Heath	38	46
Elmdon	50	38
Knowle	21	44
Kingshurst & Fordbridge	66	109
Lyndon	38	68
Meriden	42	27
Olton	51	58
Silhill	40	54
Shirley East	40	57
Shirley South	48	63
Shirley West	50	61
St Alphege	44	40
Smith's Wood	44	74
Total	884	1022

Source: Public Health England Data, lab confirmed cases.

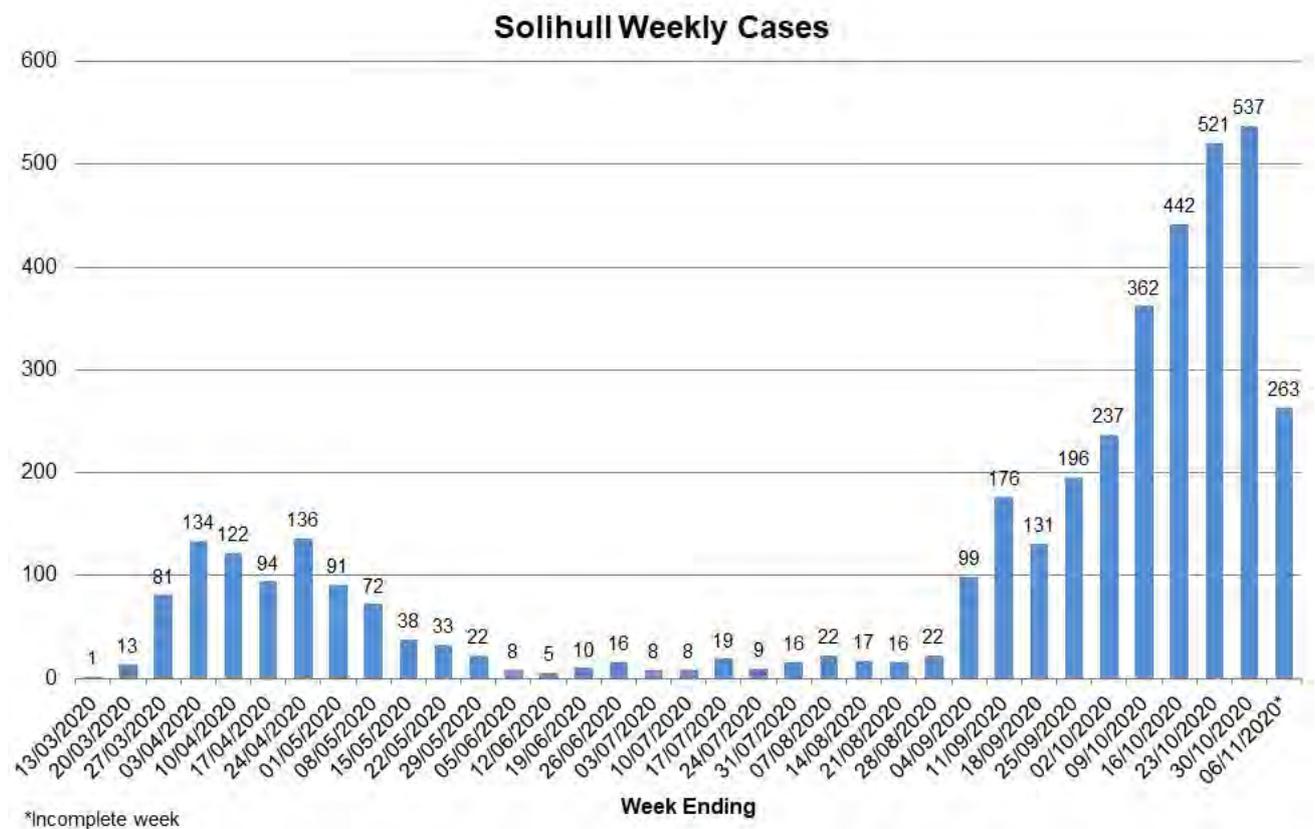
Total Cases

The total number of confirmed cases in Solihull since the start of the pandemic was 3906 at 3rd November. 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>



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

The breakdown of cases in Solihull by week is shown below. The week to 30th October saw the highest weekly total of cases reported to date (537), although the increase from the previous week of 16 cases (up from 521) was smaller than the weekly increases seen over the previous month.



Hospital Inpatients

At 4th November, there were 368 Covid positive inpatients in University Hospitals Birmingham NHS Foundation Trust hospitals, up from 322 a week before. This includes 37 in Intensive Treatment / High Dependency Units, up from 32 a week before. This will include a number of Solihull residents although the majority will be Birmingham residents (source: UHB Inpatient report, 4th November).

Weekly Death Registrations and Occurrences (latest data published covers up to w/e 30th October 2020)

As of the week ending 23rd October, there have been 292 deaths of Solihull residents that mention COVID-19. Four COVID-19 deaths occurred in the latest week.

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

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	10	13
Secondary Schools	27	5

Source: Compiled by Solihull Council Public Health Team, data as at 5pm on Wednesday 4th November.

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.

06/11/20