

Coronavirus (COVID-19)

A review of COVID-19 data in Leicester

SOURCES:

Leicester COVID-19 positive test data to 19th July
University Hospitals Leicester COVID-19 Admissions to 17th July
Leicester deaths registrations/ONS mortality data to 10th July
Care Home Intel Tracker

NOTE: Last updated 22/07/20

Prepared by:

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Leicester
City Council

National Comparators (Rates and Positivity)

High level summary - List of the Upper Tier Local Authorities (UTLA) with highest incidence rates in 7 days 16 to 22 July (official sensitive)

	Weekly incidence rate from 9-15 July	Weekly incidence rate from 16-22 July	Difference in weekly incidence rate from previous week
Blackburn with Darwen	69.8	85.9	16.1
Leicester	90.9	66.4	-24.5
Rochdale	37.3	47.3	10
Bradford	39.8	42.3	2.5
Oldham	12.3	36.9	24.6
Sandwell	15	28.1	13.1
Kirklees	28	26	-2
Trafford	8	25.8	17.8
City of London*	0	23	23
Luton	38.8	22.74	-16.4
England	7.2	7.3	0.1

National Comparators (Testing)

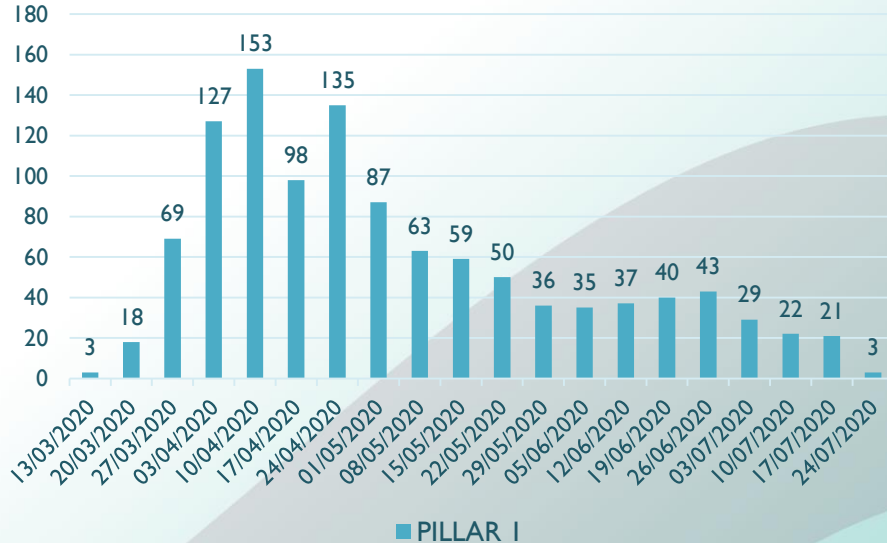
	Individuals tested per day per 100,000 population (7 day moving average)	Percentage individuals test positive (7 day moving average)	Daily incidence per 100,000 population (7 day moving average)	Daily incidence per 100,000 population (14 day moving average)
Blackburn with Darwen	439.5	2.8%	12.3	11.1
Leicester	432.2	2.2%	9.5	11.2
Hyndburn	187.9	3.7%	6.9	4.7
Rochdale	165.6	4.1%	6.8	6.0
Oadby & Wigston	1196.6	0.6%	6.8	7.8
Eden	200.5	3.1%	6.2	4.1
Pendle	167.2	3.6%	6.1	6.1
Bradford	113.6	5.3%	6.0	5.9
Oldham	116.7	4.5%	5.3	3.5
Sandwell	76.3	5.3%	4.0	3.1
Kirklees	104.1	3.6%	3.7	3.9
Trafford	125.3	2.9%	3.7	2.4
City of London*	111.6	2.9%	3.3	1.6
England	96.6	1.1%	1.0	1.0

COVID-19 positive results in Leicester

11/03/2020 – 19/07/2020: 4613 positive results | Pillar One 1030

Last 14 days to 19/07/2020: 626 positive results | Pillar One 43

Pillar One COVID-19 positive results in Leicester by week



Leicester COVID-19 positive results Pillar One 7 day moving average (daily)



NOTE: Pillar One testing is completed in a clinical setting (usually a hospital) of patients and staff.

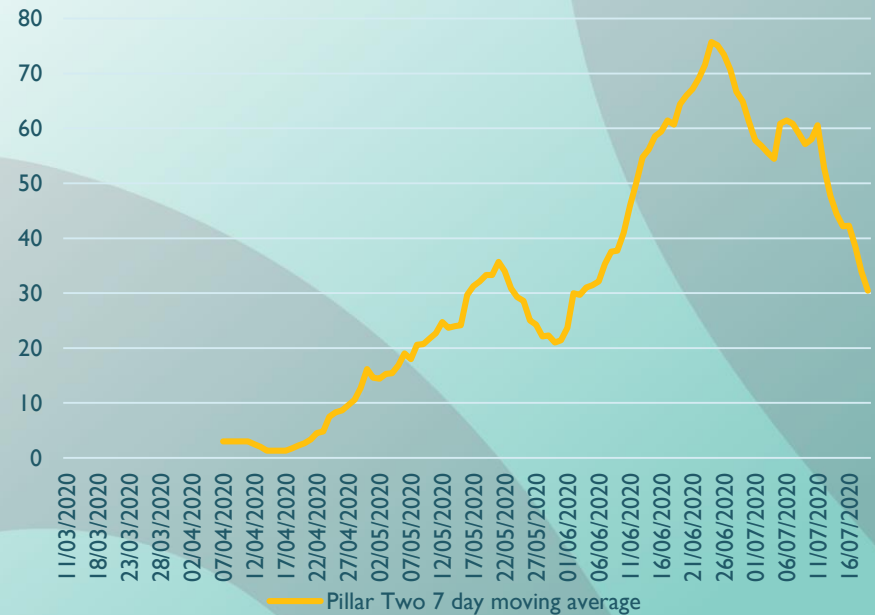
11/03/2020 – 19/07/2020: 4613 positive results | Pillar Two 3485

Last 14 days to 19/07/2020: 626 positive results | Pillar Two 583

Pillar Two COVID-19 positive results in Leicester by week



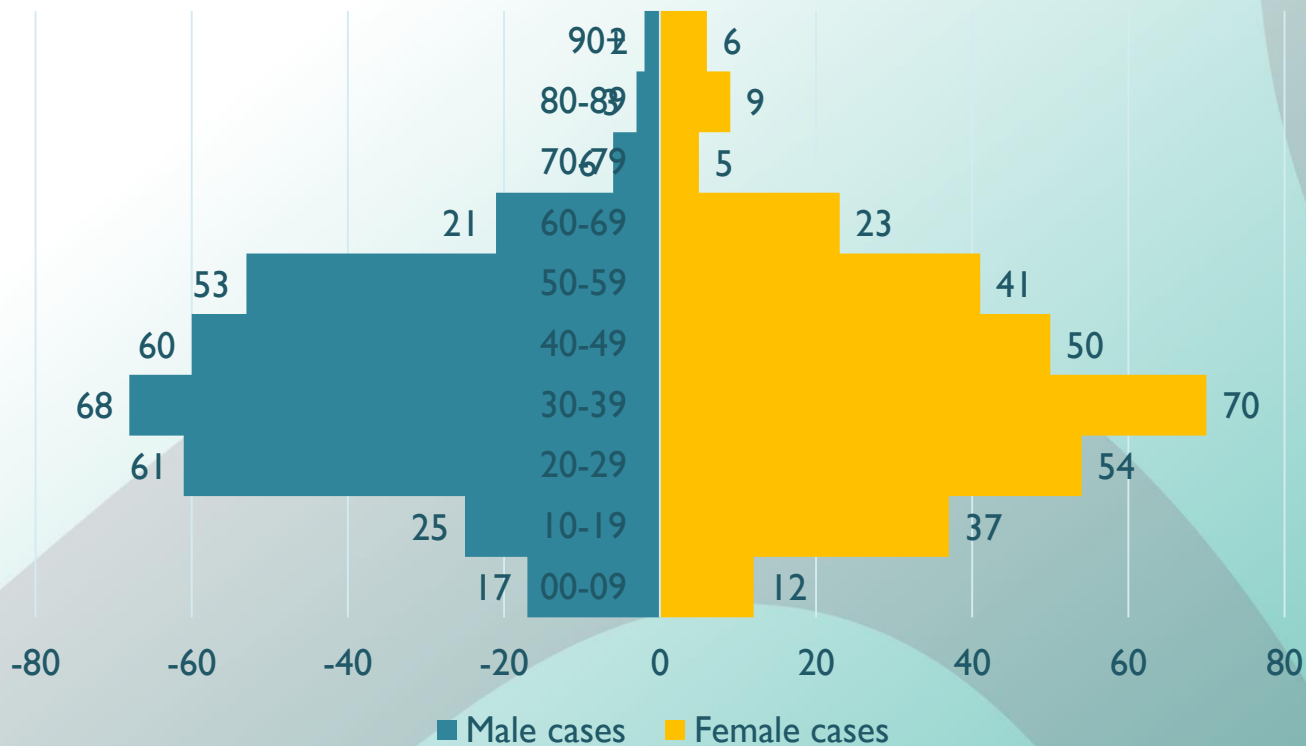
Leicester COVID-19 positive results Pillar two 7 day moving average (daily)



NOTE: Pillar Two testing is all other testing including those completed at the mobile mass testing sites. There are open to all who would like to be tested.

Most of the positive cases in the last two weeks have been amongst working age people, there have also been some in the

Number of positive cases of COVID-19 in Leicester by age and sex: 06 to 19 July



Leicester COVID-19 positive tests:
1036 29th June up to 19th July 2020

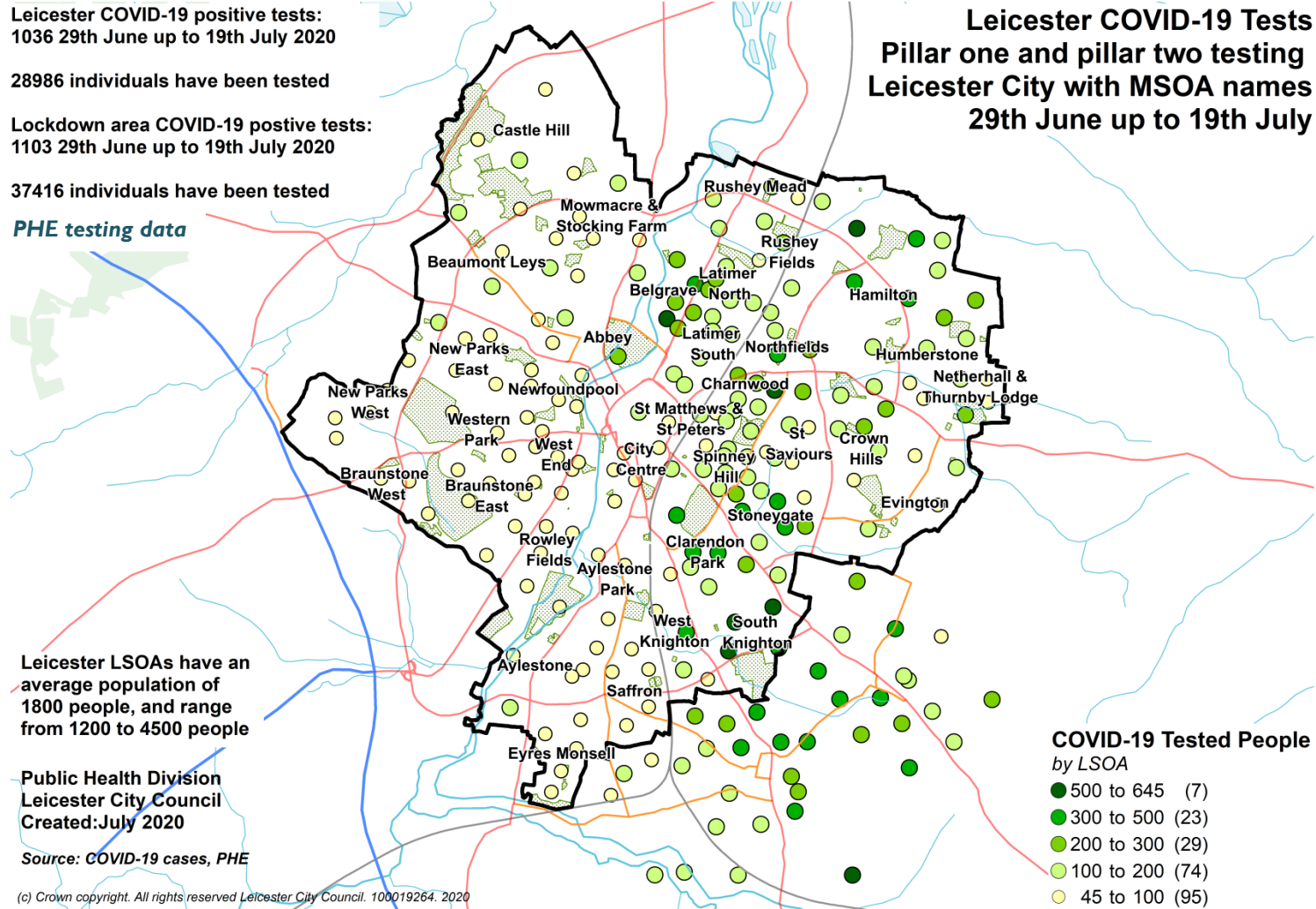
28986 individuals have been tested

Lockdown area COVID-19 positive tests:
1103 29th June up to 19th July 2020

37416 individuals have been tested

PHE testing data

**Leicester COVID-19 Tests
Pillar one and pillar two testing
Leicester City with MSOA names
29th June up to 19th July**



Leicester LSOAs have an average population of 1800 people, and range from 1200 to 4500 people

Public Health Division
Leicester City Council
Created: July 2020

Source: COVID-19 cases, PHE

**COVID-19 Tested People
by LSOA**

- 500 to 645 (7)
- 300 to 500 (23)
- 200 to 300 (29)
- 100 to 200 (74)
- 45 to 100 (95)

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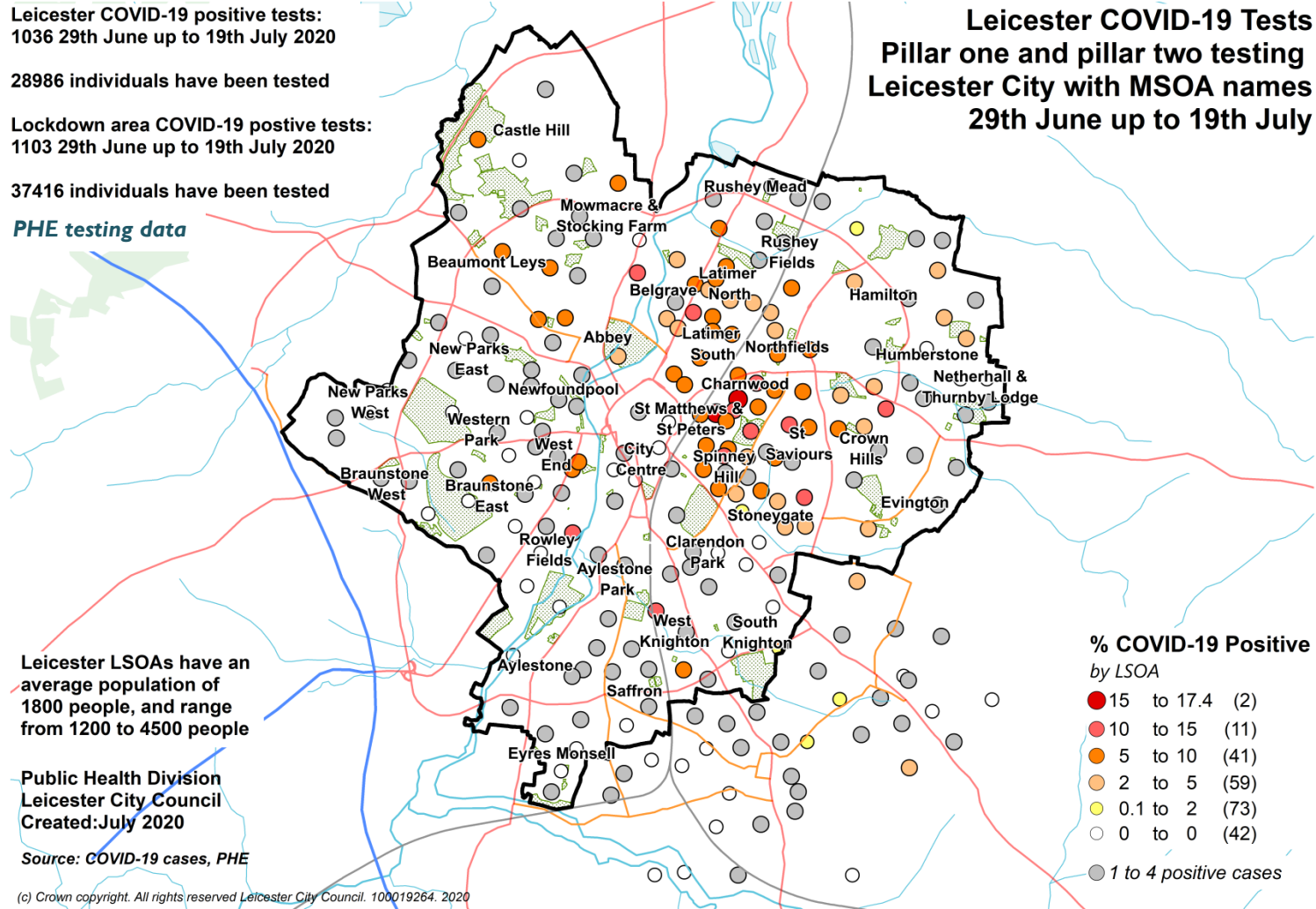
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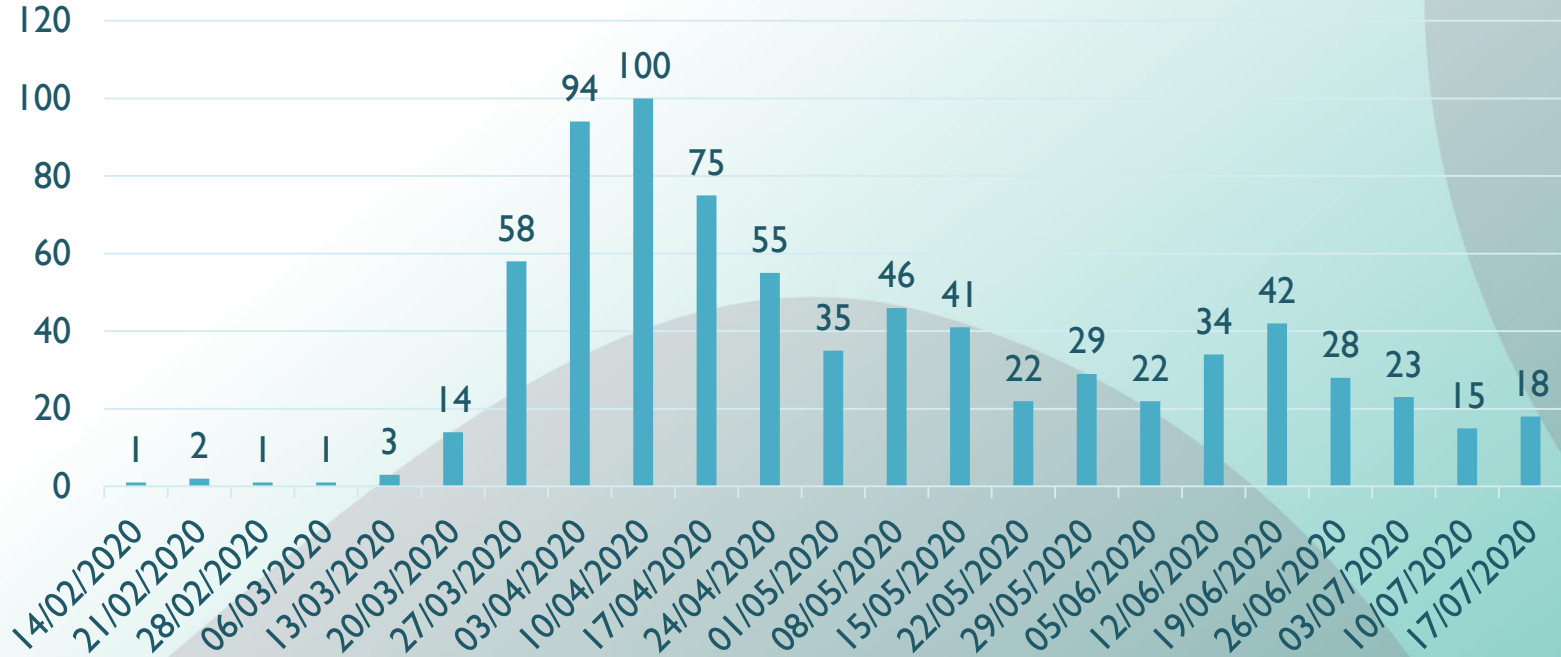
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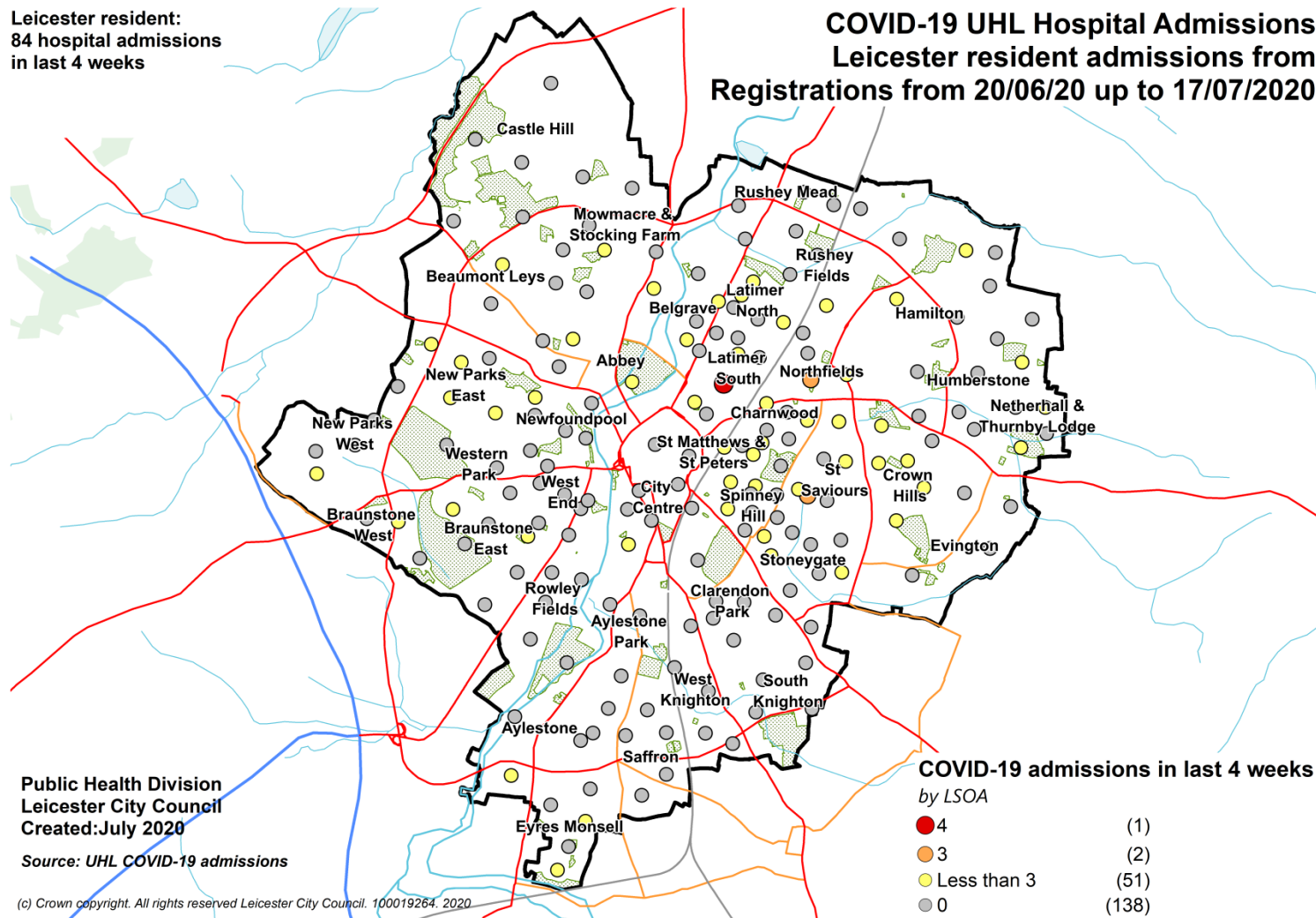
There have been 762 Leicester resident UHL hospital admissions for COVID-19 up to 19th July. There was a peak of admissions in early to mid April and the number of admissions have fallen, however in mid June we experienced another small increase in admissions.

COVID-19 UHL Admissions - Leicester residents



Leicester resident:
84 hospital admissions
in last 4 weeks

COVID-19 UHL Hospital Admissions Leicester resident admissions from Registrations from 20/06/20 up to 17/07/2020



Public Health Division
Leicester City Council
Created: July 2020

Source: UHL COVID-19 admissions

COVID-19 admissions in last 4 weeks

by LSOA	
● 4	(1)
● 3	(2)
● Less than 3	(51)
● 0	(138)

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COVID-19 deaths in Leicester

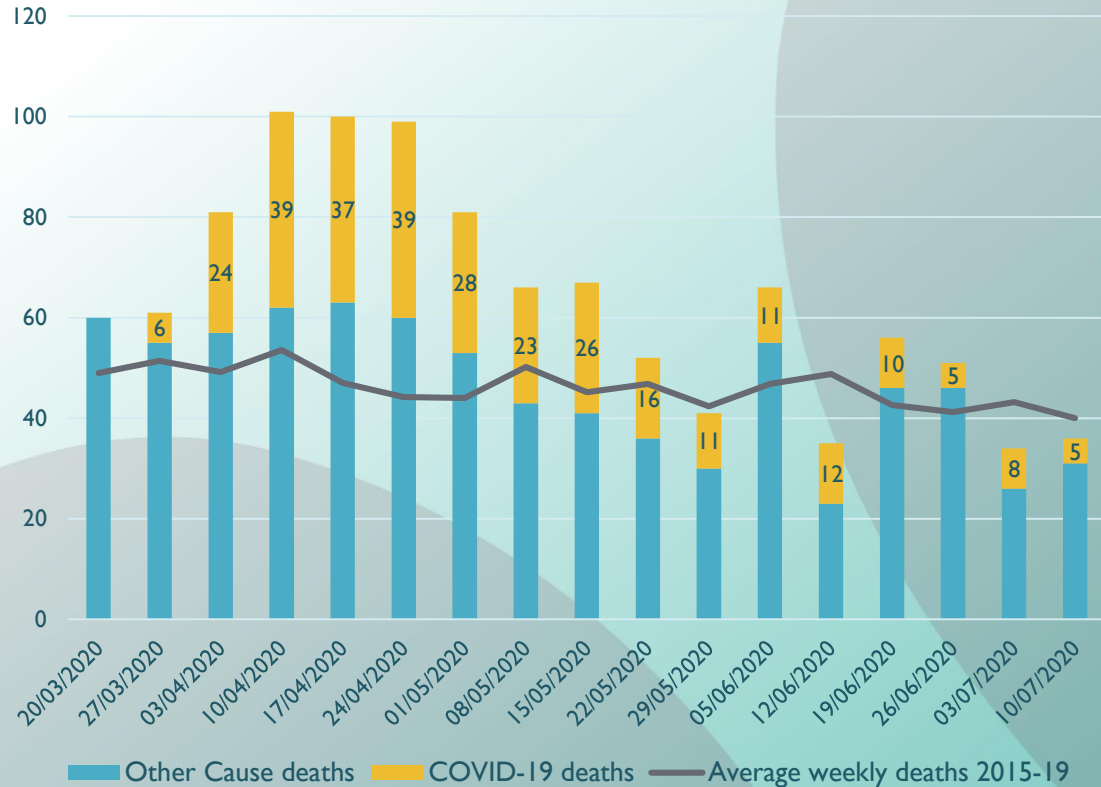
Since the first registered COVID-19 death in Leicester there have been a total of 1027 deaths in Leicester, a third of these deaths (n=300) have been COVID-19 related. (ONS)

The fewer weekly deaths due to the milder winter can be seen in the first weeks of 2020. By the week up to 20/03 deaths have exceeded what is usually expected and in week up to 27/03 the first COVID-19 deaths have been recorded.

An excess in other deaths can be seen from 20/03 to 01/05. Local death registration analysis shows more respiratory/pneumonia cause deaths recorded in this period compared to previous years suggesting some of these deaths were unconfirmed COVID-19 deaths.

In the weeks of late June and early July COVID-19 deaths have remained at 10 or under, however other cause deaths have fluctuated.

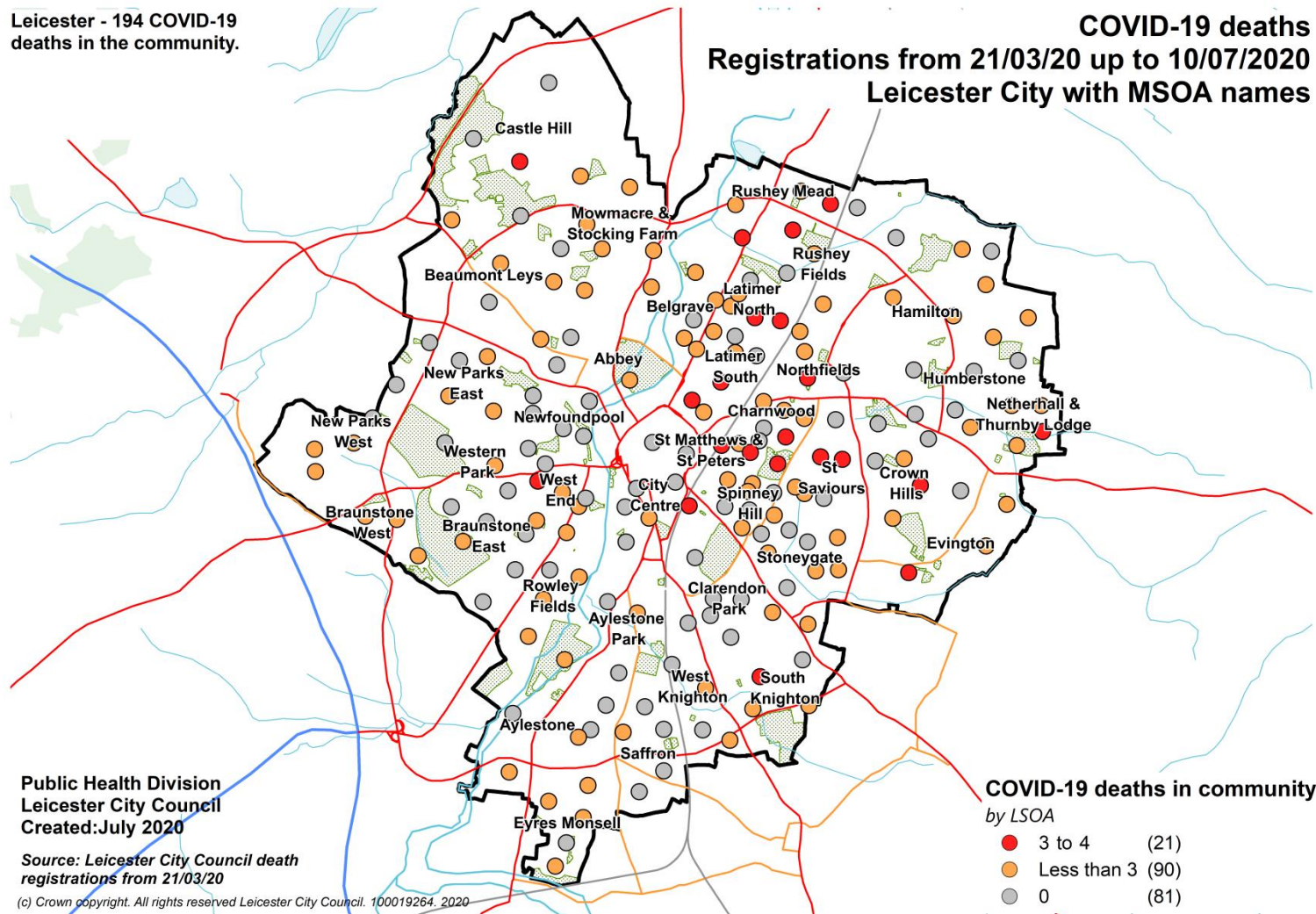
Leicester weekly deaths Covid 19 and Other deaths



Source: ONS

Leicester - 194 COVID-19 deaths in the community.

COVID-19 deaths Registrations from 21/03/20 up to 10/07/2020 Leicester City with MSOA names



Public Health Division
Leicester City Council
Created: July 2020

Source: Leicester City Council death registrations from 21/03/20

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Covid-19 local data sources

Topic	Title	Responsible organisation	Description	Update schedule	Link
Cases	Coronavirus (COVID-19) in the UK	Department of Health and Social Care	Daily cases and rates by specimen date from Pillar 1 and 2 testing at LA level.	Daily	https://coronavirus.data.gov.uk
Cases	National COVID-19 surveillance reports	Public Health England	Weekly cases and rates by specimen date from Pillar 1 and 2 testing at LA level.	Weekly	https://www.gov.uk/government/publications/national-covid-19-surveillance-reports
Cases	COVID-19 test case data	Public Health England	Daily cases by postcode, age band, gender. Ethnicity and Occupation fields unreliable	Weekly	Unpublished
Cases positive and negative	COVID-19 testing planner - LSOA	Public Health England	Positive and negative tests in the last two weeks up to 4 th July by LSOA	One dataset received	Unpublished
Cases	Weekly MSOA COVID-19 positive cases	Public Health England	Weekly cases and rates by specimen date from Pillar 1 and 2 testing at LA level. Includes a map.	Weekly	https://phe.maps.arcgis.com/apps/webappviewer/index.html?id=47574f7a6e454dc6a42c5f6912ed7076
Mortality	Weekly Mortality	Office for National Statistics	Deaths at local authority level broken down by cause, including COVID-19.	Weekly	https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/weekly-provisionalfiguresondeathsregisteredinenglandandwales

Unpublished local data

City council divisions (Adult Social Care) and partner organisations (University Hospitals of Leicester, Public Health England) also supply some data with different time periods and frequencies that have been used to inform the COVID-19 response at a more granular level. Unpublished data should not be shared widely.