Weekly COVID-19 Surveillance Report in Nottinghamshire

Cumulative data from 21/02/2020 - 06/09/2020

Overview

This report summarises the information from the surveillance system which is used to monitor the cases of the Coronavirus Disease 2019 (COVID-19) pandemic in Nottinghamshire (excluding Nottingham city). The report is based on daily data up to 06 September 2020.

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

Data includes lab-confirmed positive cases of COVID-19 from pillar 1 (NHS hospital and Public Health England laboratories) and pillar 2 (commercial partner laboratories) of the Government's testing programme.

There are many factors that can contribute to the number of cases in an area. As part of local outbreak control arrangements, a team meets daily to review information about new cases to identify where further investigation or action is required.

Technical details

The maps presented in the report examine counts and rates of COVID-19 at Middle Super Output Area level. Middle Layer Super Output Areas are a census based geography used in the reporting of small area statistics in England and Wales. The minimum population is 5,411 and the average is 8,363. As such they are larger than electoral wards but smaller than Districts.

Disclosure control rules have been applied to all figures not currently in the public domain. All counts of 1 or 2 have been suppressed.

Data has been sourced from Public Health England. The report has been compiled by Performance, Intelligence and Policy Team at Nottinghamshire County Council.

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Nottinghamshire County Council

Cumulative data from 21/02/2020 - 06/09/2020

Pillar 1 + 2
combined data from both Pillar 1 and Pillar 2 of the UK Government's COVID-19 testing programme

Pillar 1
data from swab testing in PHE labs and NHS hospitals for those with a clinical need, and health and care workers

Pillar 2
data from swab testing for the wider population, as set out in government guidance

COVID-19 cases | Cumulative data from 21/02/2020 - 06/09/2020 (total)

3564 CASES	1540 PILLAR 1 CASES	2024 PILLAR 2 CASES

COVID-19 cases | Cumulative data from 31/08/2020 - 06/09/2020 (latest week)

146 CASES	0 ** PILLAR 1 CASES	144 PILLAR 2 CASES

** All counts of 1 or 2 have been suppressed

Cases per week

● PILLAR 1 ● PILLAR 2

Count of Cases

Week Commencing	PILLAR 1	PILLAR 2
13 April	202	133
20 April	124	181
27 April	143	189
4 May	64	122
11 May	89	153
18 May	55	160
25 May	29	123
1 June	32	140
8 June	76	
15 June	85	
22 June	44	
29 June	22	
6 July	25	
13 July	24	
20 July	40	
27 July	51	
3 August	56	
10 August	91	
17 August	72	
24 August	73	
31 August	144	

Moving average of cases per day
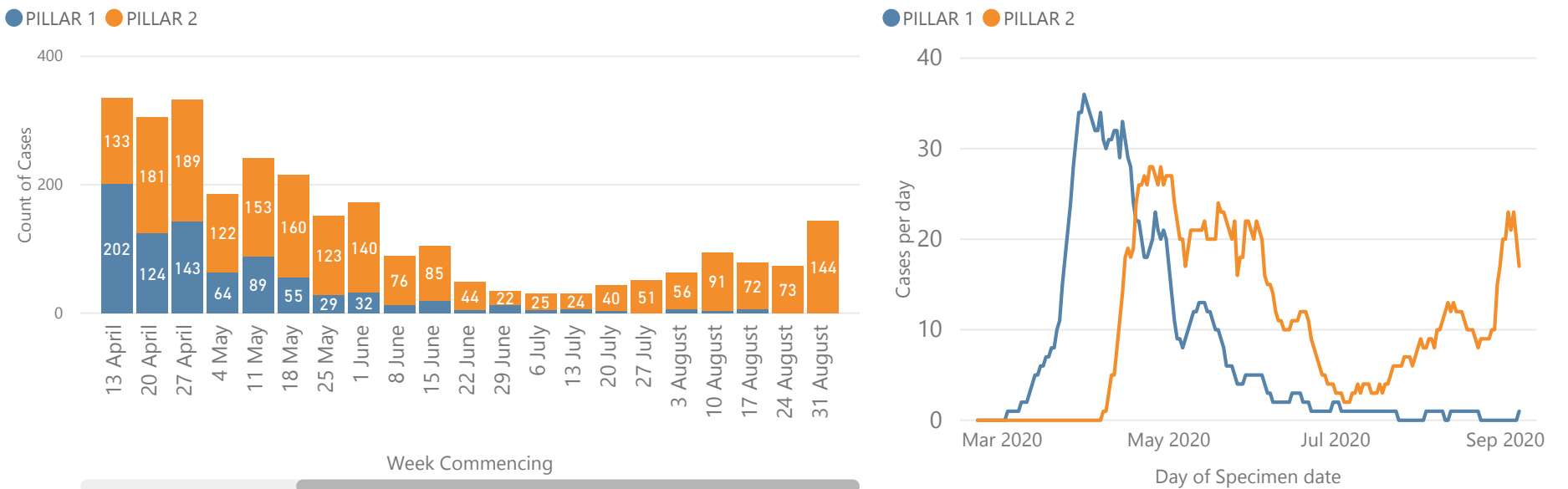
● PILLAR 1 ● PILLAR 2

Cases per day

Day of Specimen date

Mar 2020 — May 2020 — Jul 2020 — Sep 2020

Population pyramid - Pillar 1

● Female ● Male

Age	Female	Male
0-19	9	10
20-29	52	11
30-39	50	30
40-49	83	39
50-59	88	70
60-69	63	88
70-79	127	156
80+	357	307

76 Years median age*

Population pyramid - Pillar 2

● Female ● Male

Age	Female	Male
0-19	76	69
20-29	227	144
30-39	170	157
40-49	212	104
50-59	235	145
60-69	100	62
70-79	46	40
80+	167	69
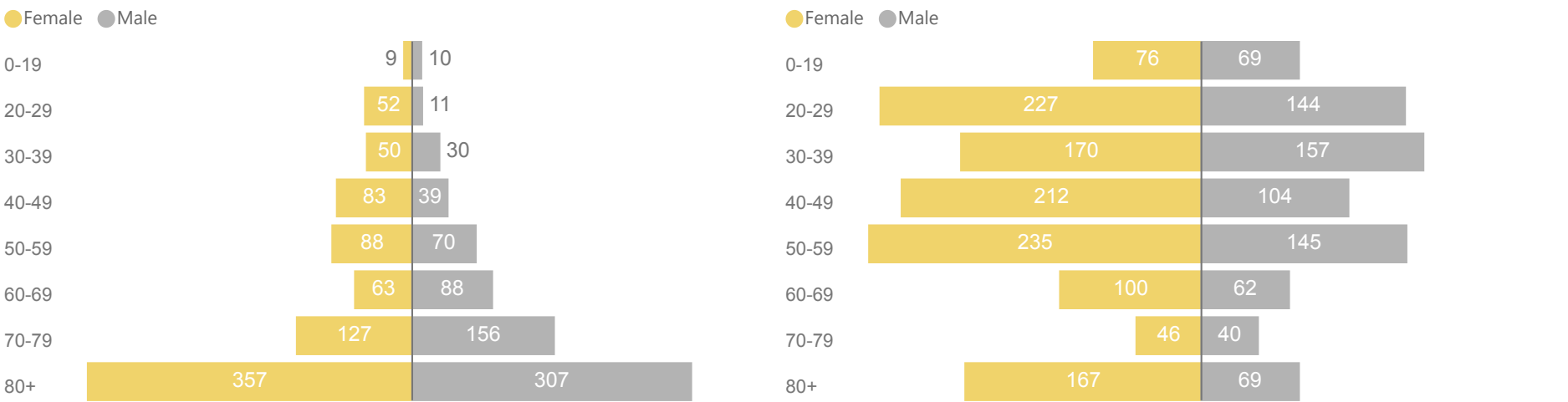
45 Years median age*

* median age is the middle when all ages are lined up smallest to largest - half of the cases are younger than this age and half are older

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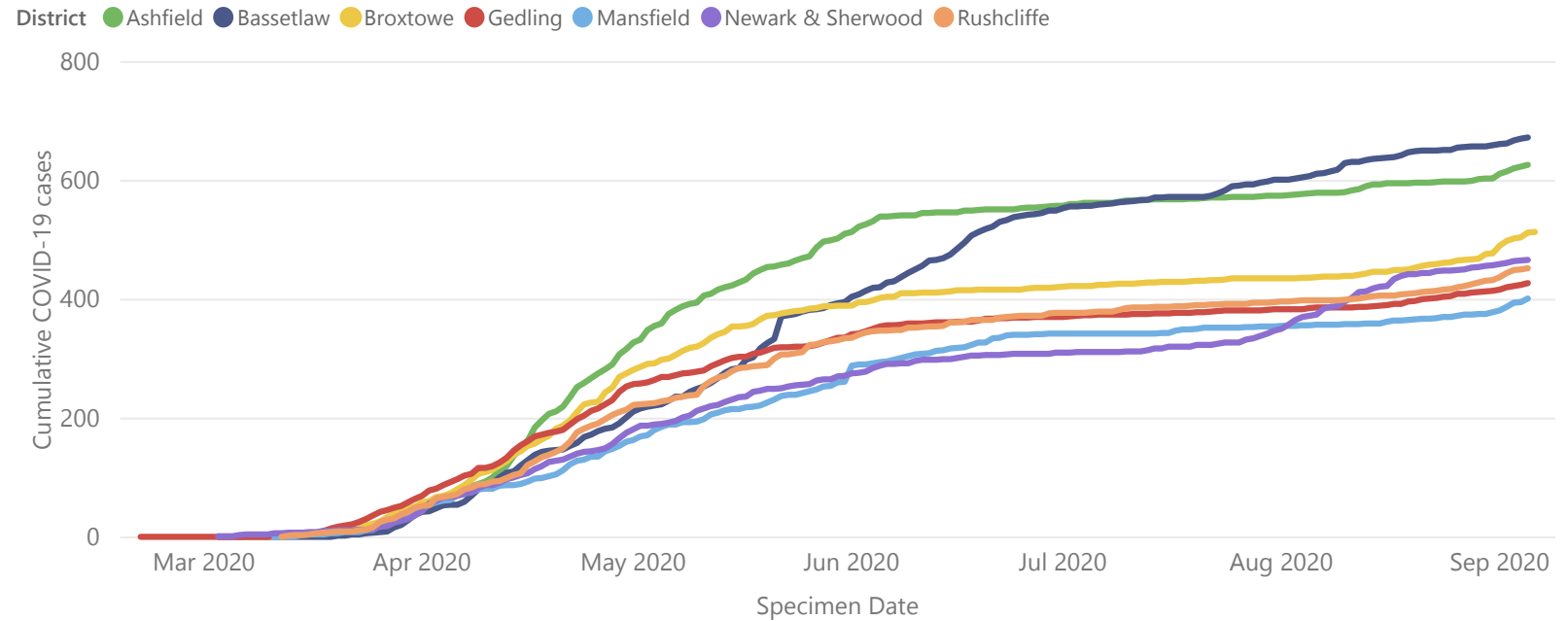
Pillar 1
data from swab testing in PHE labs and NHS hospitals for those with a clinical need, and health and care workers

Pillar 2
data from swab testing for the wider population, as set out in government guidance

	Pillar 1 + 2 Cases	Pillar 1 Cases	Pillar 2 Cases
Ashfield	627	249	378
Bassetlaw	673	280	393
Broxtowe	514	246	268
Gedling	428	229	199
Mansfield	402	148	254
Newark & Sherwood	467	180	287
Rushcliffe	453	208	245

Cumulative cases per District

District: ● Ashfield ● Bassetlaw ● Broxtowe ● Gedling ● Mansfield ● Newark & Sherwood ● Rushcliffe

Rate of cumulative cases per 100,000 population by district
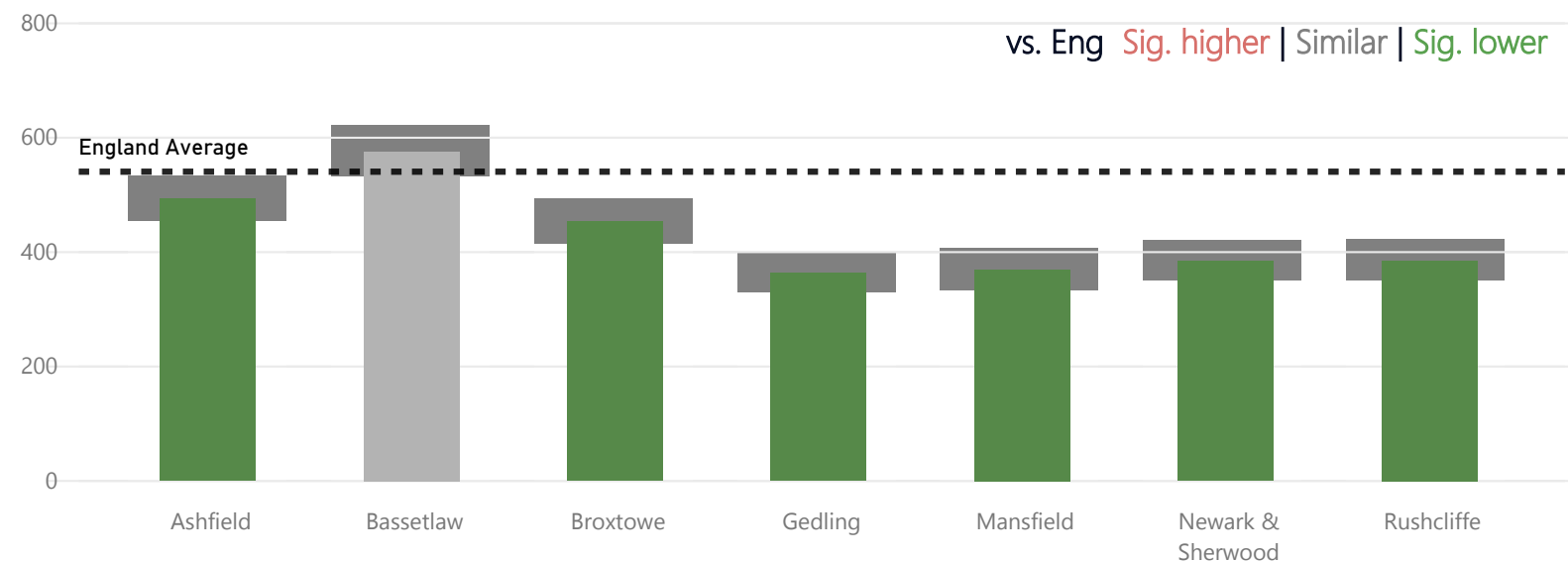
vs. Eng   Sig. higher | Similar | Sig. lower

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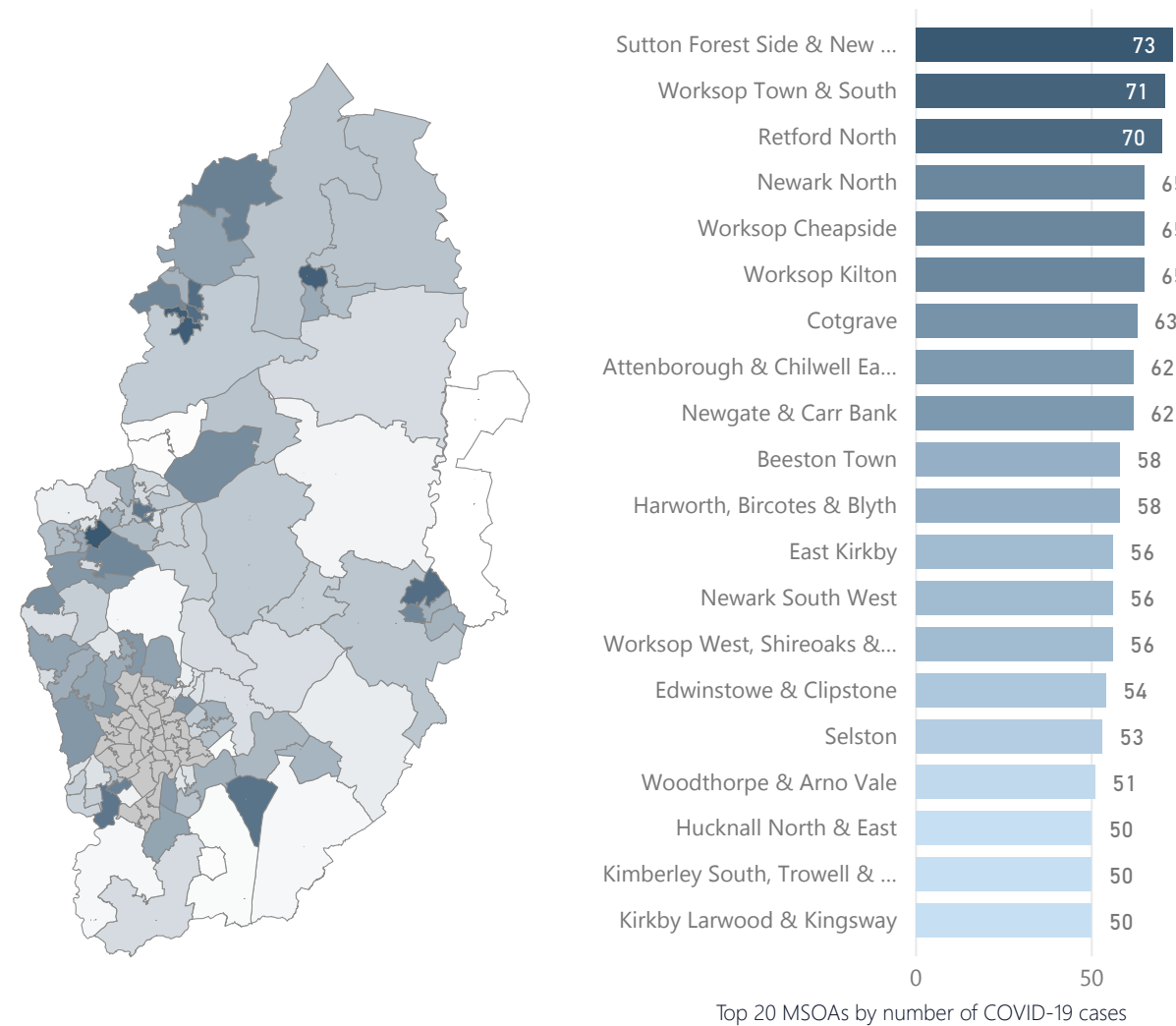
Cumulative data from 21/02/2020 - 06/09/2020 | COVID-19 by MSOA | PILLARS 1 + 2

Nottinghamshire County Council

3564 CASES | 1540 PILLAR 1 CASES | 2024 PILLAR 2 CASES

Confirmed COVID-19 cases by MSOA

MSOA	Cases
Sutton Forest Side & New ...	73
Worksop Town & South	71
Retford North	70
Newark North	65
Worksop Cheapside	65
Worksop Kilton	65
Cotgrave	63
Attenborough & Chilwell Ea...	62
Newgate & Carr Bank	62
Beeston Town	58
Harworth, Bircotes & Blyth	58
East Kirkby	56
Newark South West	56
Worksop West, Shireoaks &...	56
Edwinstowe & Clipstone	54
Selston	53
Woodthorpe & Arno Vale	51
Hucknall North & East	50
Kimberley South, Trowell & ...	50
Kirkby Larwood & Kingsway	50

Top 20 MSOAs by number of COVID-19 cases

Confirmed COVID-19 rates per 100,000 population by MSOA

Retford North
Worksop Town & South
Worksop Cheapside
Worksop West, Shireoaks & R...
Attenborough & Chilwell East
Cotgrave
Selston
Bestwood Village
Newgate & Carr Bank
East Kirkby
Sutton Forest Side & New Cross
Newark South West
Eastwood Hall & Brinsley
Beeston Town
Worksop Kilton
Ruddington
Carlton & Langold
Harworth, Bircotes & Blyth
Hucknall Westville
Sutton Central & Leamington

Top 20 MSOAs by rate of COVID-19 cases per 100,000 population