Weekly COVID-19 Surveillance Report in Nottinghamshire

Cumulative data from 21/02/2020 - 18/10/2020

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 18 October 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 - 18/10/2020

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 - 18/10/2020 (total)

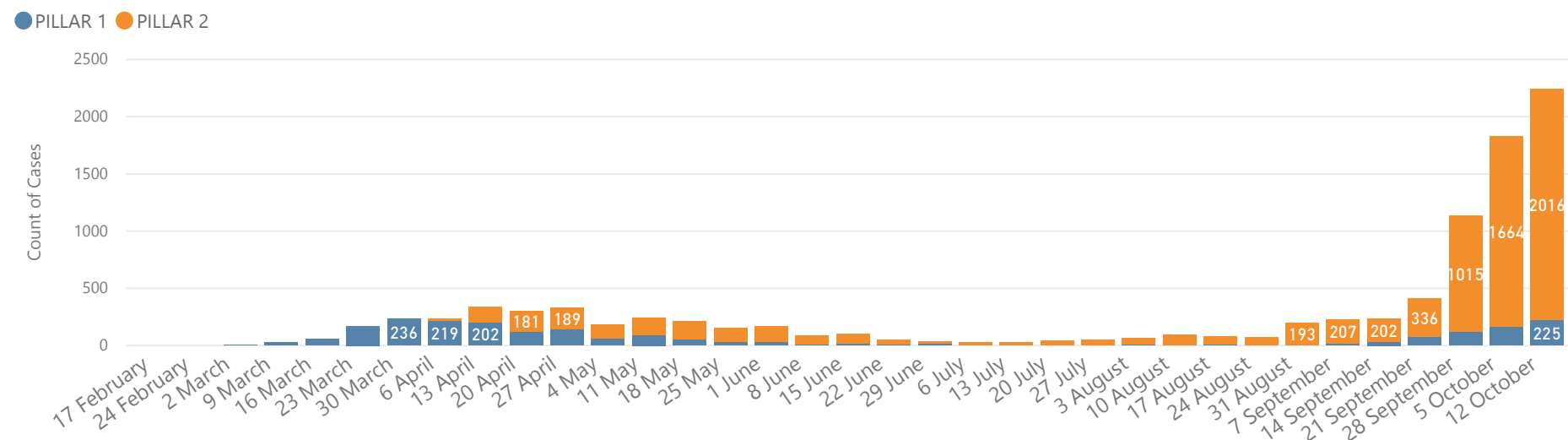| 9693 CASES	2178 PILLAR 1 CASES	7515 PILLAR 2 CASES

COVID-19 cases | Cumulative data from 12/10/2020 - 18/10/2020 (latest week)

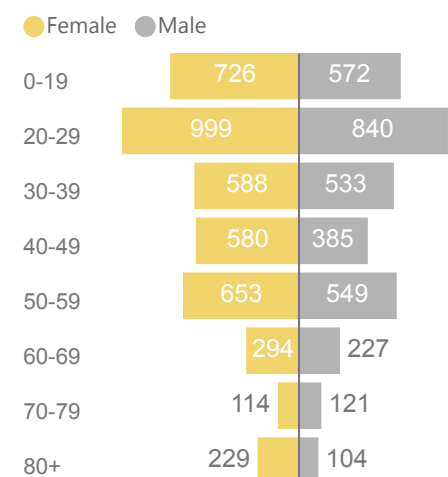| 2241 CASES	225 PILLAR 1 CASES	2016 PILLAR 2 CASES

Cases per week

● PILLAR 1   ● PILLAR 2

Week Commencing

Population pyramid - Pillar 1

● Female   ● Male

Age	Female	Male
0-19	51	45
20-29	88	61
30-39	72	95
40-49	109	81
50-59	126	116
60-69	80	110
70-79	158	206
80+	408	359
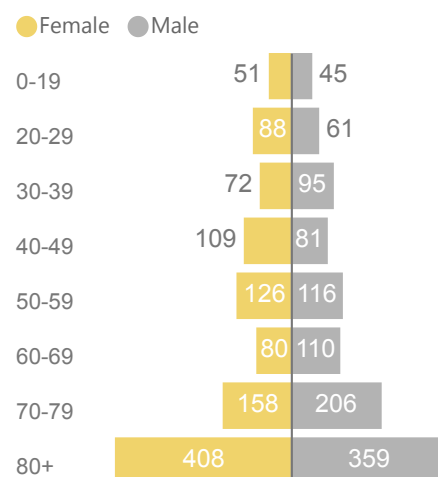
71 Years median age*

Population pyramid - Pillar 2

● Female   ● Male

Age	Female	Male
0-19	726	572
20-29	999	840
30-39	588	533
40-49	580	385
50-59	653	549
60-69	294	227
70-79	114	121
80+	229	104

35 Years median age*

Moving average of cases per day

● PILLAR 1   ● PILLAR 2

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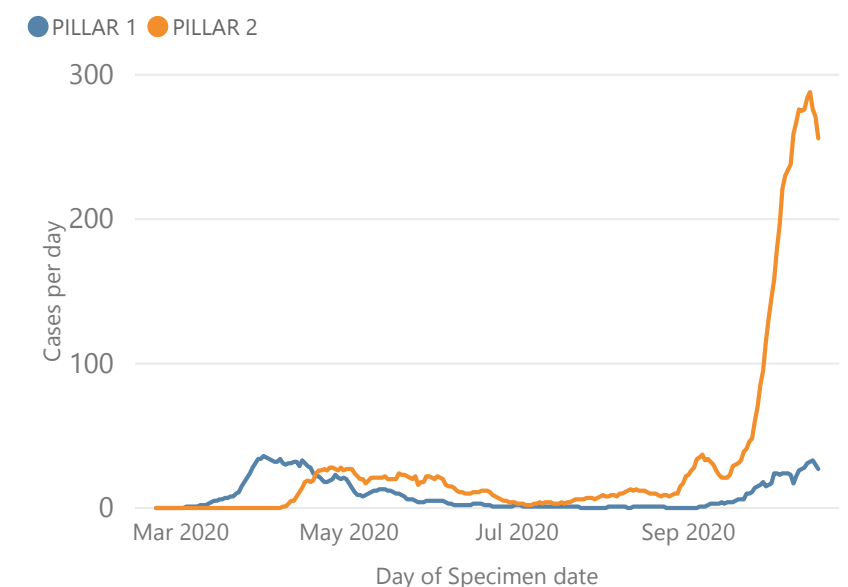
* median age is the middle when all ages are lined up smallest to largest - half of the cases are younger than this age and half are older

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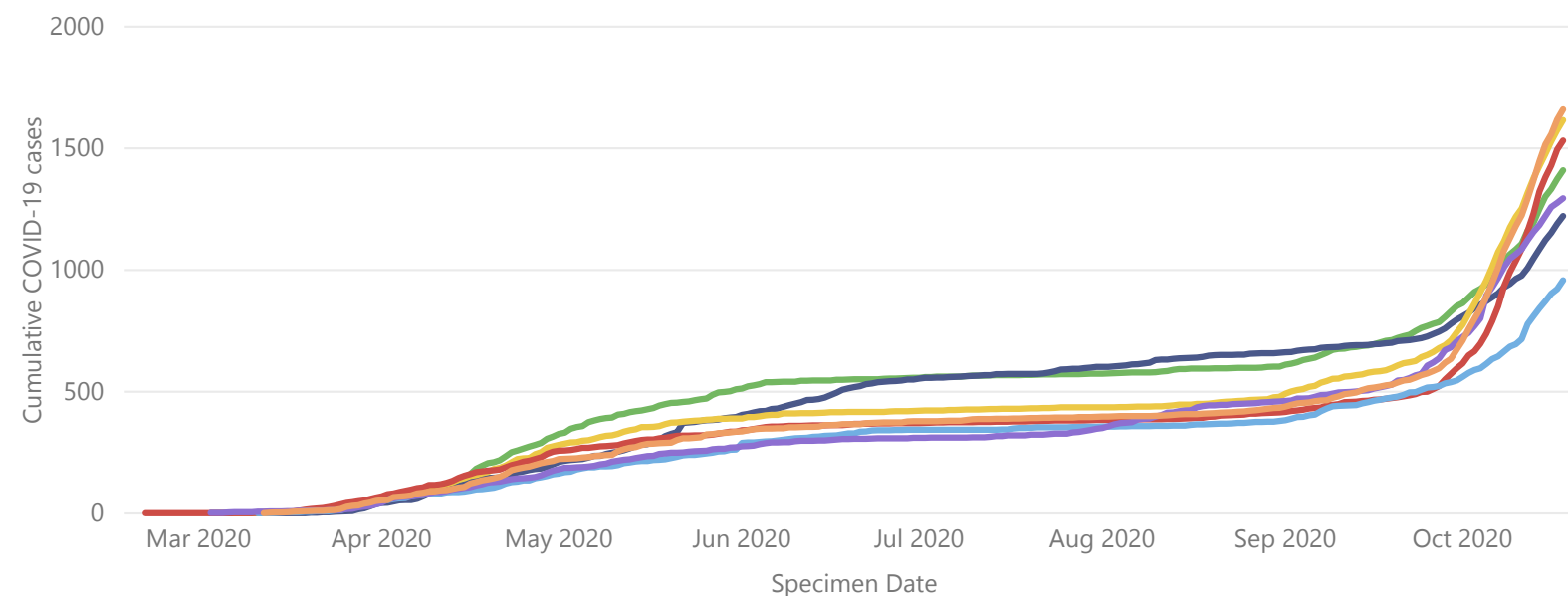
Pillar 2
data from swab testing for the wider population, as set out in government guidance

	Pillar 1 + 2 Cases	Pillar 1 Cases	Pillar 2 Cases
Ashfield	1410	331	1079
Bassetlaw	1222	351	871
Broxtowe	1616	314	1302
Gedling	1532	308	1224
Mansfield	958	220	738
Newark & Sherwood	1295	368	927
Rushcliffe	1660	286	1374

Cumulative cases per District

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

Cumulative COVID-19 cases vs Specimen Date (Mar 2020 – Oct 2020)

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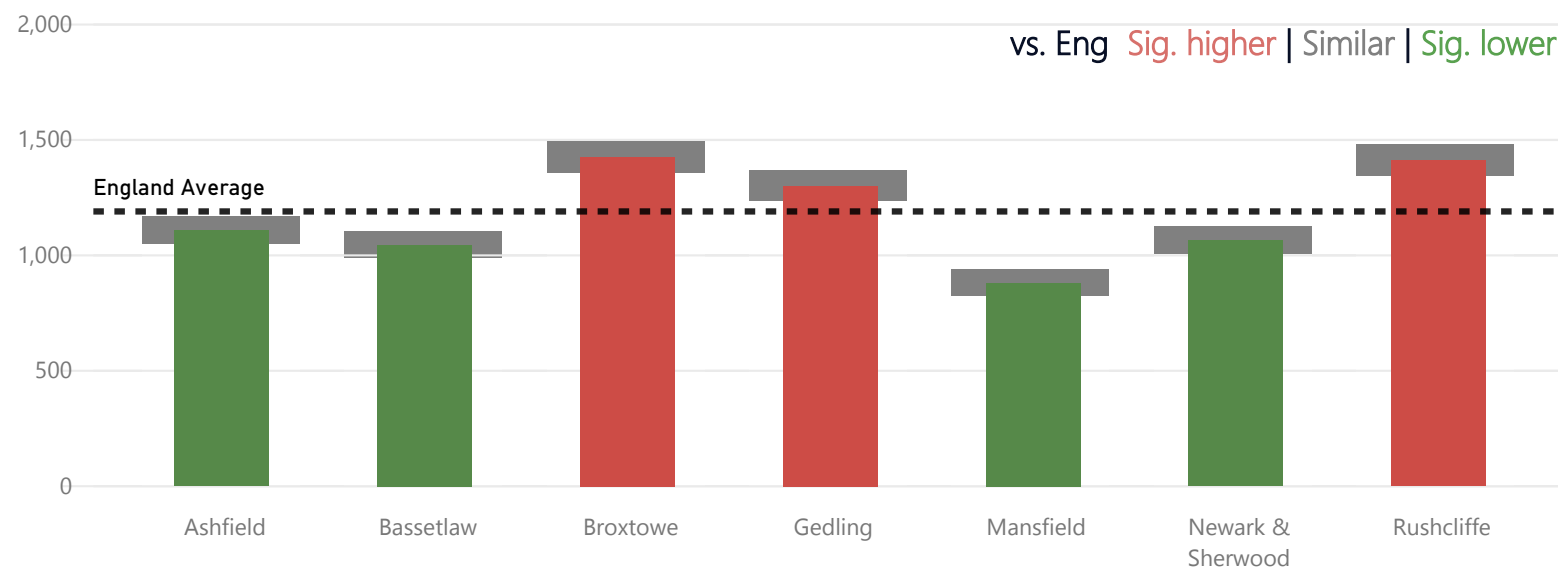
vs. Eng Sig. higher | Similar | Sig. lower

England Average

Districts: Ashfield, Bassetlaw, Broxtowe, Gedling, Mansfield, Newark & Sherwood, Rushcliffe

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Cumulative data from 21/02/2020 - 18/10/2020 | COVID-19 by MSOA | PILLARS 1 + 2

9693 CASES | 2178 PILLAR 1 CASES | 7515 PILLAR 2 CASES

Confirmed COVID-19 cases by MSOA

MSOA	Cases
Beeston North	263
West Bridgford	248
Lowdham, Bleasby & Gunth...	213
Beeston Town	193
Woodthorpe & Arno Vale	185
Kimberley South, Trowell & ...	175
Cotgrave	163
Hucknall Town	151
Compton Acres & Lutterell	145
Ruddington	145
Worksop Kilton	143
Hucknall North & East	140
Lady Bay	136
Edwalton	135
Gamston & Holme Pierrepo...	135
Hucknall Westville	135
Edwinstowe & Clipstone	132
Carlton	130
Attenborough & Chilwell Ea...	129
Sutton Forest Side & New ...	126

Top 20 MSOAs by number of COVID-19 cases

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

- Beeston North
- Lowdham, Bleasby & Gunthor...
- West Bridgford
- Beeston Town
- Cotgrave
- Ruddington
- Woodthorpe & Arno Vale
- Edwalton
- Bestwood Village
- Hucknall Westville
- Attenborough & Chilwell East
- Hucknall Town
- Lady Bay
- Compton Acres & Lutterell
- Gamston & Holme Pierrepoint
- Worksop Town & South
- Carlton Hill
- Ratcliffe, Sutton Bonington & ...
- Gedling North
- Kimberley South, Trowell & A...

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