

Daily COVID-19 Surveillance Bulletin

PHA Health Protection Respiratory Surveillance Team

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Version 2.5 - Data correct to 31/03/2020 at 11:10

COVID-19 is the disease name and SARS-COV2 is the virus name.

New reports since yesterday

¹Number of laboratory confirmed COVID-19 cases: 53

²Number of Trust deaths associated with COVID-19: 6

³Number of individuals tested for SARS-COV2 Virus: 344*

Summary to date

¹Cumulative number of laboratory confirmed COVID-19 cases: 586

²Cumulative number of Trust deaths associated with COVID-19: 28

³Number of Individuals tested for SARS-COV2 Virus: 5885

***Tests were initially conducted by the Regional Virology Laboratory (RVL) Belfast for all of Northern Ireland. On 30/03/2020, laboratory testing data from the NHSCT (testing started 23/03/2020) and from the SHSCT (testing started 28/03/2020) are now included in the figures.**

Definitions

¹ Laboratory confirmed COVID-19 cases

A laboratory confirmed COVID-19 case is an individual that:

- has clinical evidence of COVID Disease¹
- has a positive laboratory result for SARS-COV2

Source of data: laboratory reports from Regional Virus Laboratory, NHSCT (testing started 23/03/2020) and SHSCT (testing started 28/03/2020).

Please note:

- This number refers to individuals NOT number of test performed by laboratory. An individual may have more than one test for clinical purposes
- number refers to newly reported individuals and includes individuals tested in the previous few days
- a laboratory confirmed case will predominantly include patients admitted to a HSC Trust acute hospital but as the testing strategy is rolled out it may change to include those with clinical disease that are also tested in the community (e.g. health care workers)

² Trust Deaths associated with COVID-19

Death of an individual that was:

- admitted to HSC Trust acute hospital
- with a positive result for SARS-COV2 within the previous 28 days of death
- reported by HSC Trust Chief Executive Office

Source of data: clinician reports from HSC Trust Chief Executive Offices

Please note, this number refers to individuals who have died within 28 days of first positive result, whether or not COVID-19 was the cause of death. Data correct up to 09:15 on morning of the report

³ Individuals tested for SARS-COV2 virus

An individual is tested if they meet the case definition for testing (as above).

Source of data: laboratory reports from Regional Virus Laboratory, NHSCT (testing started 23/03/2020) and SHSCT (testing started 28/03/2020)

Please note, this number refers to individuals NOT number of test performed by laboratory. An individual may have more than one test for clinical purposes.

¹Clinical evidence of COVID Disease is clinical or radiological evidence of pneumonia OR acute respiratory distress syndrome OR influenza like illness

1. Surveillance of SARS-CoV-2 (coronavirus) Laboratory Testing

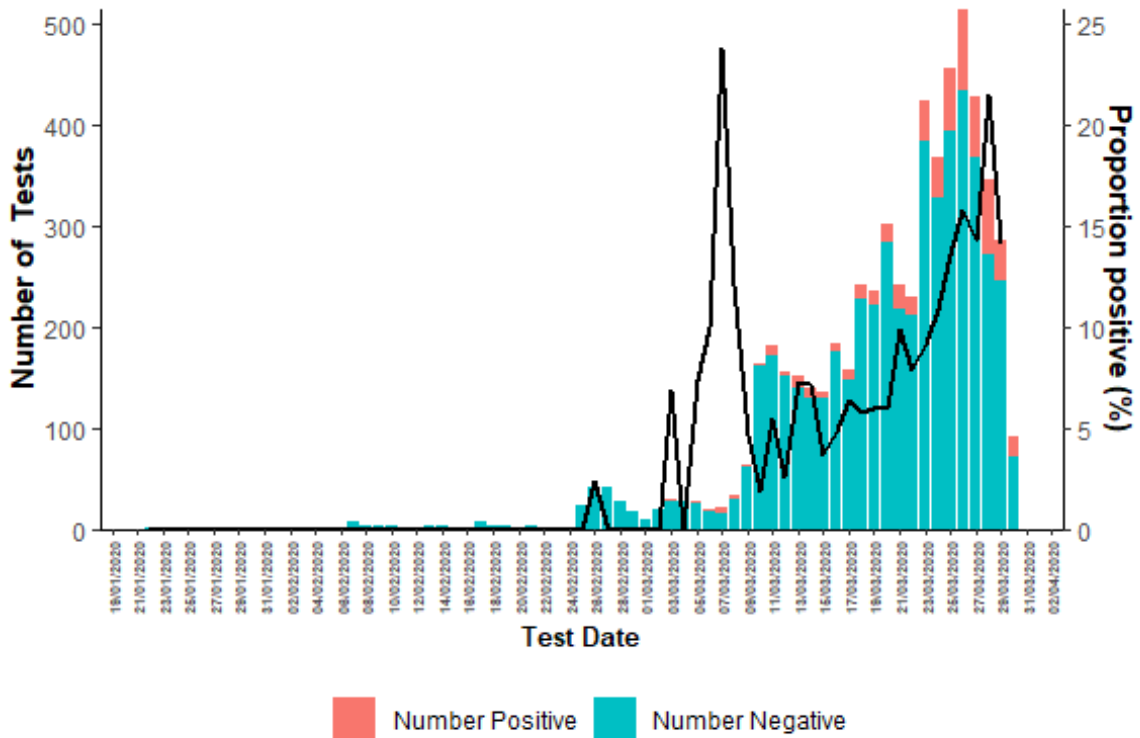


Figure 1: Number of SARS-CoV-2 tests and positivity rate, by test date, Northern Ireland

The bars in figure 1 outline the number of laboratory tests undertaken by test date and the line outlines the proportion of daily tests that are positive for SARS-CoV-2 (coronavirus). Proportion positive data shown to 29 March as not all samples taken yesterday have been processed.

Table 1 Total completed tests by Health and Social Care Trust, Northern Ireland

Trust	Number of Total Tests
BHSCT	2229
SEHSCT	1293
NHSCT	661
SHSCT	963
WHSCT	555
NIAS	57
OTHER	124
UNKNOWN	3
Total	5885

Table 1 describes the distribution of tests according to where the specimen was taken. Other includes tests conducted by Public Health England (prior to introduction of local testing), and also includes testing from pathology services, GPs, independent hospitals and hospices.

Table 2 SARS-COV2 test outcome, in Northern Ireland

COVID-19 Testing indicator	Number
Number of Individuals tested for SARS-COV2 Virus	5885
Number of Individuals testing positive for SARS-COV2 Virus	586
Number of Individuals testing negative for SARS-COV2 Virus	5274
Number of Individuals with indeterminate result for SARS-COV2 Virus	25

2. Surveillance of Laboratory Confirmed COVID-19 Cases

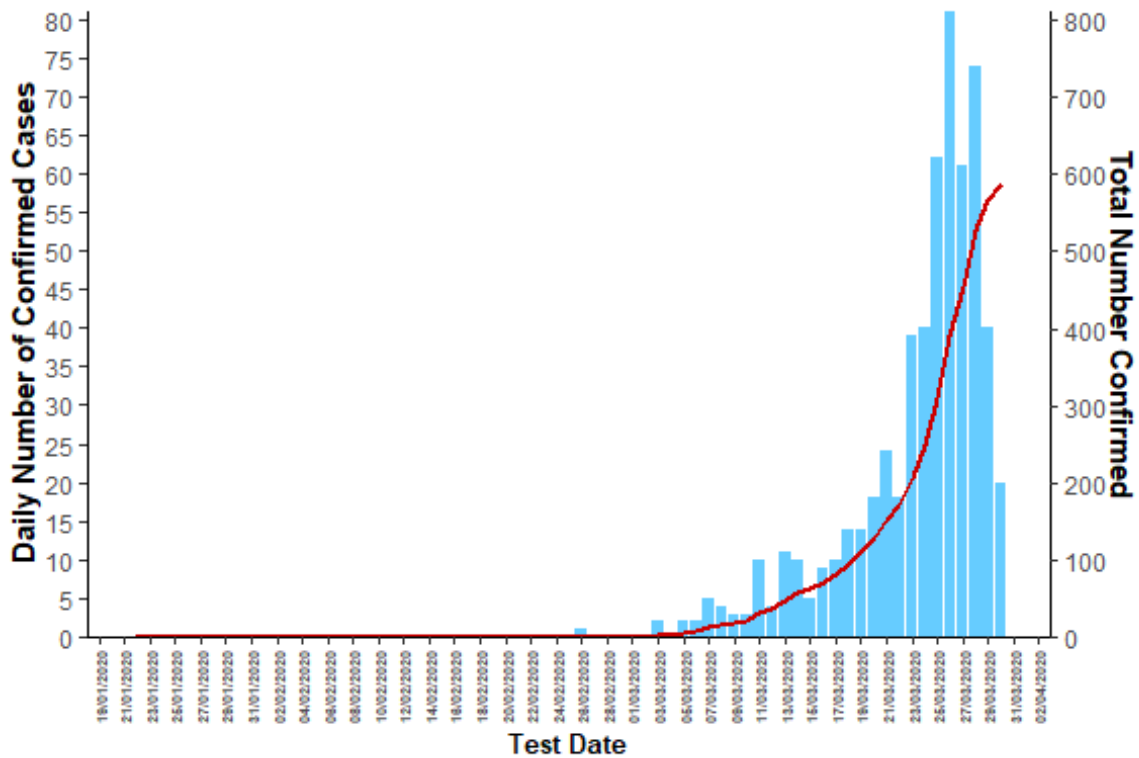


Figure 2: Daily number of new confirmed cases of COVID-19 by test date

Figure 2 outlines the daily number of laboratory confirmed cases by test date and cumulative laboratory confirmed cases to date.

The first laboratory confirmed case of COVID-19 was reported on the 25 February 2020 (test date 24 February). As of 31 March, there have been a total of 586 cases.

Table 3 Age and gender characteristics for positive COVID-19 cases

Case Characteristics		Number	(%)
Age	0 to 44	190	32%
	45 to 69	220	38%
	70+	176	30%
Sex	F	291	50%
	M	295	50%

Number of laboratory confirmed cases of COVID-19 by Local Government District

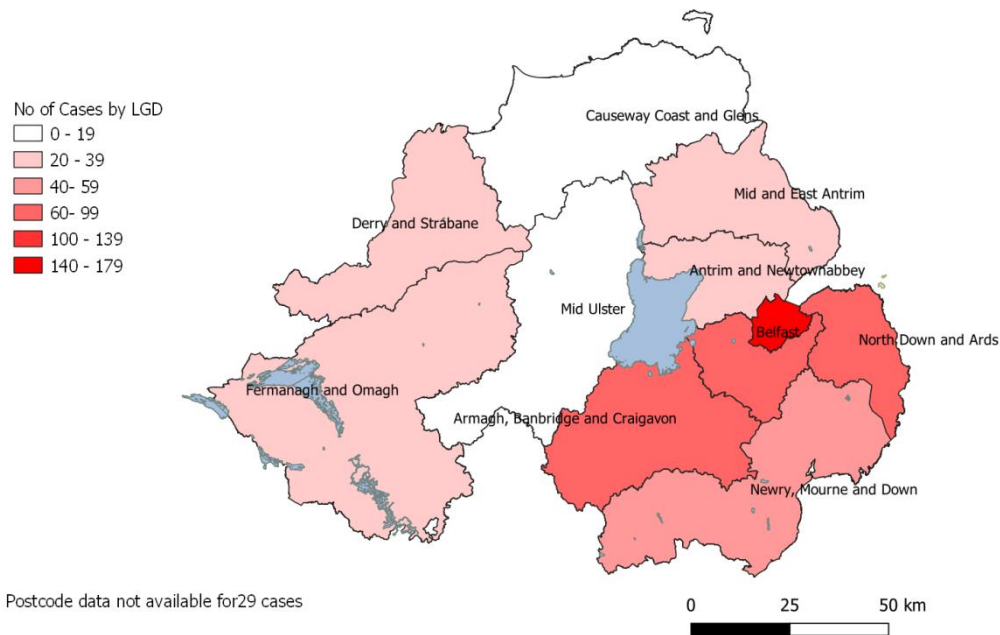


Figure 3: Location of confirmed COVID-19 cases by Local Government District (LGD) in Northern Ireland

Figure 3 outlines the geographical distribution of confirmed COVID-19 cases across Northern Ireland.

*Please do not directly compare LGD shades to previous bulletins. The numbers of cases by LGD are increasing and as such the categories listed will broaden which may result in changes to the map shading.

Table 4 Cumulative number of positive COVID-19 cases by LGD

Local Government District	Number
Antrim and Newtownabbey	36
Armagh, Banbridge And Craigavon	62
Belfast	166
Causeway Coast And Glens	16
Derry And Strabane	24
Fermanagh And Omagh	29
Lisburn And Castlereagh	70
Mid And East Antrim	32
Mid Ulster	17
Newry, Mourne And Down	44
North Down And Ards	61
Unknown	29
Total	586

3. Surveillance of deaths associated with COVID-19

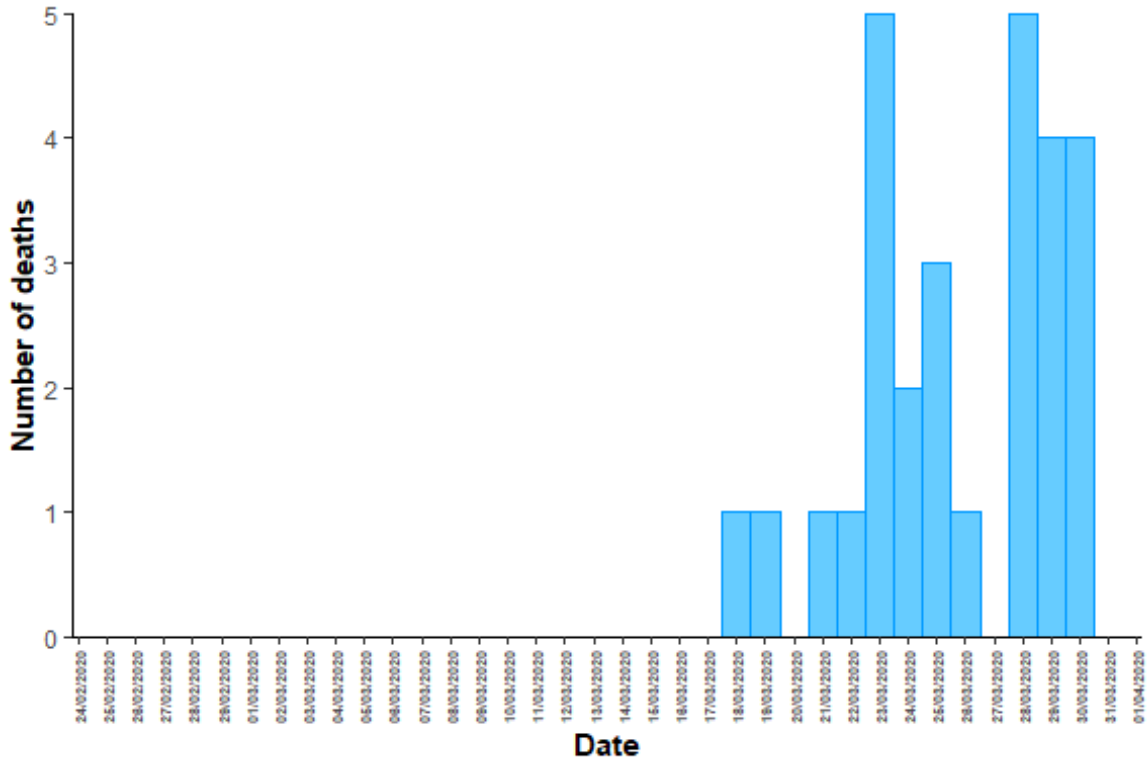


Figure 5: Number of deaths associated with COVID-19, in Northern Ireland

The definition of a death associated with COVID-19 is an individual who has died within 28 days of a positive COVID-19 test. Total number of deaths to date is 28.