

UoC Asymptomatic COVID-19 Screening Programme: Easter Term Week 9 (21st June – 27th June 2021)

Report author – Dr Ben Warne, Clinical Lead. Report prepared – 28th June 2021. Please note that this report does not include results of students or staff who have been tested by symptomatic testing routes.

Participation

All 31 Colleges of the University of Cambridge and 5 Houses of the Cambridge Theological Federation participated in the screening programme.

Because of travel over the summer vacation, we are unable to provide a reliable estimate of the proportion of students present in Cambridge and participating in the programme this week.

Students leaving Cambridge who were unable to take part in the programme were eligible for additional individual "pre-departure" tests.

Students screened

All participating students present in Cambridge and resident in either College or private accommodation were invited to take part, provided they did not meet pre-determined exclusion criteria.

2,027 pooled samples were received and processed at the testing facility. Of these, **1** was reported as "void" (this may be due to a variety of reasons, including inappropriate packaging or leaking samples).

In total, **5,791** students contributed to pooled sample collection, including **5,785** students with valid results.

Results

The final pooled screening test results were:

Result	Number	%
Positive	22	1.1%
Negative	2,004	98.9%
Total	2,026	100%

Members of the **22** positive pools were invited for individual confirmatory tests. As of Monday 28th June, all students had been re-tested. Of the positive pools:

- **21** pools were true positives (i.e. included at least 1 student confirmed to be positive on individual testing). **25** students from these pools had positive individual confirmatory tests.
- **1** pool was an operational false positive (i.e. all individual confirmatory tests were negative, following a positive pooled screening test).
- **0** pools have outstanding results.

Additionally, **314** asymptomatic students were screened individually. These tests included: "pre-departure" tests; confirmatory PCR tests following positive lateral flow tests; "test to check" tests (for students already self-isolating as contacts); and tests for enhanced contact tracing. Altogether, **47** students tested positive for SARS-CoV-2.

Based on these data, we estimate that the weekly incidence of asymptomatic SARS-CoV-2 infection amongst students screened last week was approximately **1 in 85** students (**1.2%**). Please note that, because students screened individually are not a representative sample, the overall incidence in all students may be lower.

Summary for all students

Week	No. students screened	No. confirmed positive cases	Weekly incidence*
10 th -16 th May	6,831	0	-
17 th -23 rd May	6,822	0	-
24 th -30 th May	6,559	0	-
31 st May-6 th Jun	5,880	0	-
7 th -13 th Jun	5,472	2	0.04%
14 th -20 th Jun	5,190	4	0.08%
21st-28th Jun	6,099	72	1.2%

*asymptomatic SARS-CoV-2 infection amongst screened students