

UoC Asymptomatic COVID-19 Screening Programme: Week 2 (12th-18th October 2020)

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Participation

All 31 Colleges of the University of Cambridge, and 6 Houses of the Cambridge Theological Federation, participated in the programme. A summary of participation across the University is shown in the table below:

Decision	Number	%
Consented	12,100	78.0%
Declined	188	1.2%
Undecided	3,223	20.8%
Total Eligible	15,511	100%

Students screened

This week, **2** students from each testing pool were requested to contribute swabs. Based on data from electronic student returns, the mean number of students who actually contributed swabs was **1.9** per testing pool.

From a total of **2,223** testing pools across the University, **1,930** (86.8%) samples were received and processed at the testing facility. Of these, **26** were reported as “void” (for a variety of reasons, including inappropriate packaging and leaking samples).

Combined with the student returns data, we estimate that **3,725** students contributed swabs, including **3,675** students with valid results.

Results

The final pool results were:

Result	Number	%
Positive	28	1.5%
Negative	1,876	98.5%
Total	1,904	100%

Members of all **28** positive pools were invited for individual confirmatory tests. As of Monday 19th October, all students have been re-tested. Of the positive pools:

- **27** pools were true positives (i.e. they included at least 1 student confirmed to be positive on individual testing). **34** students had a positive confirmatory individual result across these pools.
- **1** pool was a false positive (i.e. all individual confirmatory tests were negative, following pooled screening test results which were positive at the limit of detection)
- **0** pools have outstanding results

Based on these data we estimate that the prevalence of asymptomatic COVID-19 in students living in College accommodation this week was **1 in 109** students (**0.9%**).

The false positive rate from the available data this week was **1 in 1,904** tests performed (<**0.1%**).

Summary

Week	No. students screened	No. confirmed positive cases	Prevalence*
5 th – 11 th October	3,463	11	0.3%
12th-18th October	3,675	34	0.9%

*asymptomatic SARS-CoV-2 infection