

# UoC Asymptomatic COVID-19 Screening Programme: Week 4 (26<sup>th</sup> October – 1<sup>st</sup> November 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	12,383	80.2%
Declined	362	2.3%
Undecided	2,695	17.5%
Total Eligible	15,440	100%

## Students screened

This week, **half** of the 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 **2.9** per testing pool.

From a total of **2,255** testing pools across the University, **1,938** (85.9%) samples were received and processed at the testing facility. Of these, **24** were reported as “void” (for a variety of reasons, including inappropriate packaging and leaking samples).

Combined with the student returns data, we estimate that **5,563** students contributed swabs, including **5,494** students with valid results.

## Results

The final pool results were:

Result	Number	%
Positive	35	1.8%
Negative	1,879	98.2%
Total	1,914	100%

Members of all **35** positive pools were invited for individual confirmatory tests. As of Sunday 1<sup>st</sup> November, all students have been re-tested. Of the positive pools:

- **30** pools were true positives (i.e. they included at least 1 student confirmed to be positive on individual testing). **38** students had a positive confirmatory individual result across these pools.
- **5** pools were false positives (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 145** students (**0.7%**).

The false positive rate for all pooled screening tests to date has been **1 in 472** (**0.2%**).

## Summary

Week	No. students screened	No. confirmed positive cases	Prevalence*
5 <sup>th</sup> – 11 <sup>th</sup> October	3,463	12	0.3%
12 <sup>th</sup> – 18 <sup>th</sup> October	3,675	34	0.9%
19 <sup>th</sup> – 25 <sup>th</sup> October	4,660	39	0.8%
<b>26<sup>th</sup> Oct – 1<sup>st</sup> Nov</b>	<b>5,494</b>	<b>38</b>	<b>0.7%</b>

\*asymptomatic SARS-CoV-2 infection