

Q-STEP SUMMER INTERNSHIPS 2021

ONS- Covid-19 Schools Infection Studies

Organisation and Team

Office for National Statistics: Health Analysis
and Pandemic Insight: Schools Infection
Studies

ONS, Government Buildings, Cardiff Road, Newport

Selection Method

Written CV & cover letter followed by an
Interview

Application Criteria

Essential:

- Competent statistical skills
- Strong communication skills
- An ability to pick up concepts quickly and think strategically

Desirable:

- Familiarity with a statistical software package (R, Python)

Key Words

Covid-19, data, schools, infection transmission

Project Outline

ONS, in partnership with the London School of Hygiene and Tropical Medicine and Public Health England is responsible for Covid-19 Schools Infection Survey (SIS).

The SIS aims to investigate the role of schools in COVID-19 transmission and explore how transmission within and from school settings can be minimised.

The main aims of the study are:

To estimate the incidence of COVID-19 seroconversion (antibody negative to antibody positive) among children and staff in a sample of primary and secondary schools, measured at termly intervals during the school year.

To measure the prevalence of current COVID-19 infection among children and staff in these primary and secondary schools, measured at half-termly intervals during the school year.

To monitor pupil and staff attendance rates in a sample of primary and secondary schools, and the proportion of and reasons for school full or partial closure.

To assess the feasibility, acceptability and staff, pupil and parent experience of school implementation of COVID-19 control measures, and factors affecting this.

This is an exciting opportunity to work within a team of analysts on a high-profile project that is providing key data to the UK Government to inform their response to the Covid-19 pandemic. Results from the SIS can be found [here](#).

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Practical Considerations

Under present Covid-19 guidelines, the intern is likely to be home-based. Should a return to office-working be in place the intern may be required to work in any of the ONS offices in Newport, Titchfield or London

8 week internship

Support and Training

The intern would work within a team of ONS analysts and would be managed by an analyst. On the job training will be offered and opportunities to increase skills and capability as available.

Issues of Data Confidentiality / IPR

Security vetting (SC) must be conducted before the placement starts.