

Management Information Reports

Two versions of the Education Surveillance Management Information (MI) Report are currently produced.

1. The full management information report is provided to the Scottish Government every week with restricted access to a limited number of people – Scottish Government, Directors of Public Health. To comply with statistical governance requirements, restricted access MI reports are shared with named stakeholders but cannot be shared in the public domain. This report is classified as official-sensitive.
2. The COVID-19 and education surveillance report – publishable version. This is an abstracted report of the Management Information Report that goes to CERG and is in the public domain. It contains the following information on the occurrence of COVID-19 among children of educational age (2-4 years, 5-11 years, and 12-17 years (broken down into 2 year age bands):
 - Number of new cases (individuals testing positive)
 - Number of individuals tested
 - Proportion of individuals tested who test positive
 - Rate of positive cases per 100,000 population

In addition data are provided on new positive cases by occupational group – showing the proportion of new positive cases who are employed in education or childcare. As more data suitable for publication in the public domain becomes available, it will be included in this report.

3. In addition to these reports, Scottish Government produce an Infographic which summarises key figures and is published.

Evidence Scan

Since August PHS have produced an evidence scan for the Covid19 Scientific Advisory Subgroup on Education and Children's Issues. This paper provides an overview of recently published studies on the impact of covid-19 on children and young people but is not a comprehensive synthesis, with the advisory group providing interpretation. Access to subgroup papers is determined by Scottish Government as defined by the terms of the group. We are currently exploring how we can produce a version that would be suitable for a broader audience.

Public Health Scotland Daily Dashboard

The PHS daily dashboard provides information on the occurrence of COVID-19 at neighbourhood level. The data on trends and demographics on this dashboard is currently being developed and will, in future, include information on the 0-14 age group. Exploration of which data, of relevance to Education settings, can be presented in the PHS COVID Daily Dashboard is ongoing. https://public.tableau.com/profile/phs.covid.19#!/vizhome/COVID-19DailyDashboard_15960160643010/Overview

Public Health Scotland Impact of COVID on children reports

Public Health decision making should take account of the implications of interventions across the health and well-being of the population. In view of this PHS is also in the process of publishing a series of reports which review and describe the impact of COVID-19 and control measures on the health and wellbeing of children.

Public Health Scotland Wider Impacts Dashboard

PHS has been regularly updating a range of measures on the publicly available wider impacts dashboard, which assess the effects on health and health services more broadly, including children's health: <https://scotland.shinyapps.io/phs-covid-wider-impact/>

Public Health Scotland Weekly Statistical Report <https://beta.isdscotland.org/find-publications-and-data/population-health/covid-19/covid-19-statistical-report/>

The PHS weekly statistical report provides information on the occurrence of cases by educational age group, including a dashboard presentation of these data. It also describes cases reporting an occupation in the Education and Childcare Sector. The dashboard includes information on hospitalisations by age group.

PHS are currently working on how data about positive cases in Children and Young People and issues related to Education Settings might be increased, collated and improved across the range of Public Health Scotland publications and dashboard views.

School Outbreak Data

An Incident surveillance system for schools is being developed. All COVID incidents for schools are reported and managed by local Health Protection Teams (HPTs) in conjunction with schools and Education Departments.

Public Health Scotland provides support to this process and is only involved in a subset of such incidents. Further support is provided in regular discussion nationally with HPTs.

Future developments

Next week PHS will publish information on the distribution of cases of COVID-19 across the pupil population in Scotland from 17th August to 18th October 2020, covering the period of Term 1 of the 2020/21 school year. These data show the occurrence of COVID-19 cases in this population across the course of Term 1, and by area, and school type. This does not reflect directly the measurement of COVID-19 incidents within schools, as not all pupil cases identified will have been present in school during their infectious period.

There are a number of ongoing surveillance programmes, the results of which will be published by PHS as soon as these are available and have undergone the appropriate checks on quality. These include:

- Assessment of the risk of COVID-19 infection and severe outcomes in teaching staff, based on a data-linkage approach

- Assessment of the proportion of child contacts in a school setting who subsequently test positive for COVID-19
- COVID-19 Antibody Survey of education Staff (CASS)
- School Infection Survey (SIS)