

23 December, 2020

School and Colleges COVID-19 Summary Report

This report, in common with other outputs, is subject to changes as data quality and methods improve. The presence of cases linked to a school or educational institution does not necessarily imply that transmission occurred in that setting. Local intelligence is required to determine whether transmission is likely to have occurred within such institutions.

See appendix for methods and caveats.

Schools Summary

In the date range 01 September 2020 to 23 December 2020, there were 7304 reports of new COVID-19 cases across 1127 schools; 3176 cases in staff and 4128 in pupils. From a total of 1573 schools across Wales, this represents 71.6 % of schools that have had a COVID-19 case.

- 245 schools have had only 1 case.

Figure 1 - Number of new incidents in Schools since 1st September 2020

An incident is defined as one or more COVID-19 cases in a particular school. New cases following a period of 3 weeks or more without cases will be counted as a new incident.

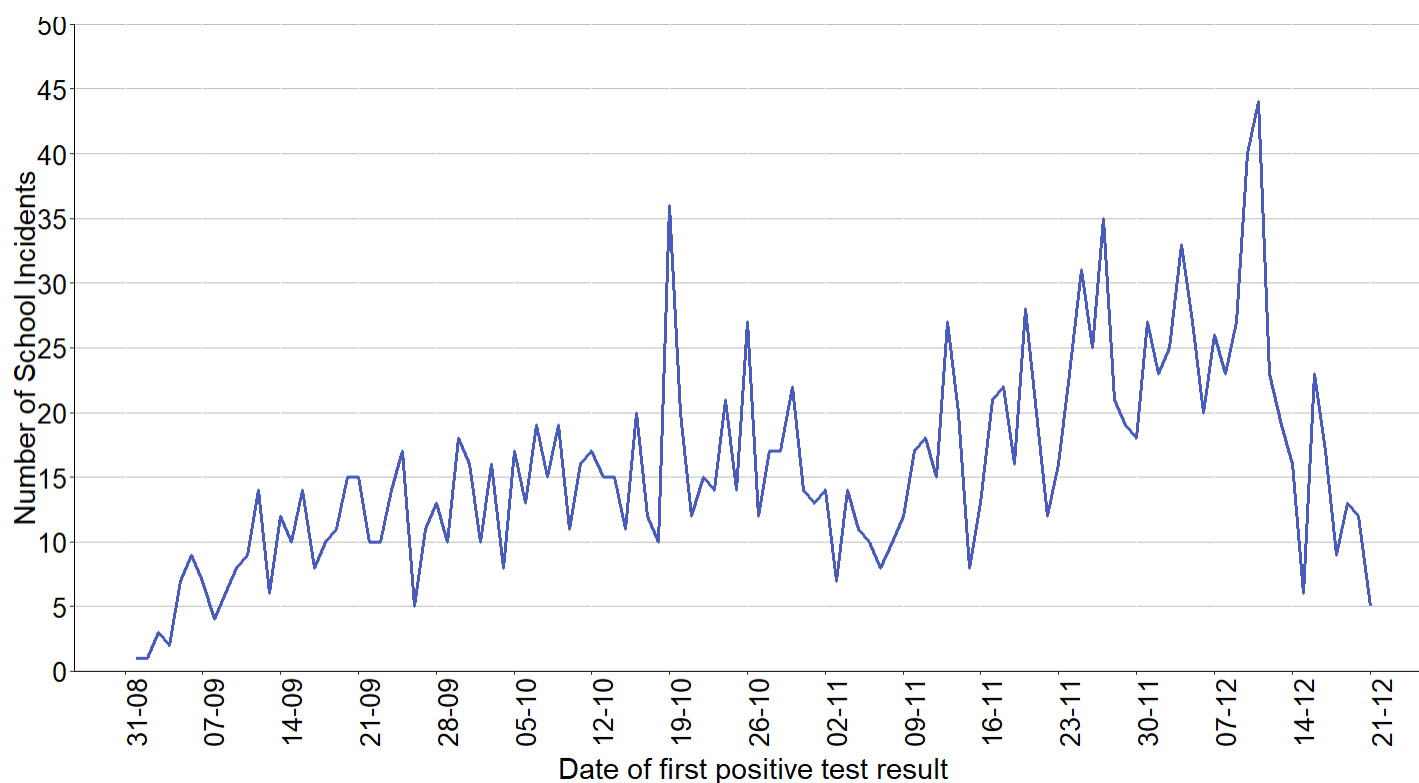


Table 1 - Proportion of Primary and Secondary schools that have had at least one COVID-19 case since 01 September 2020, by Local Authority and Health Board.

This data excludes independent Primary and Secondary schools.

School Local Authority & Health Board	Total Primary Schools in area	Primary Schools with at least one case (%)	Total Secondary Schools in area	Secondary Schools with at least one case (%)
Blaenau Gwent	19	100.0	2	100.0
Caerphilly	73	91.8	11	100.0
Monmouthshire	30	80.0	4	100.0
Newport	43	95.3	9	100.0
Torfaen	25	88.0	6	100.0
Aneurin Bevan UHB	190	91.1	32	100.0
Isle of Anglesey	40	40.0	5	100.0
Conwy	52	30.8	7	100.0
Denbighshire	44	56.8	6	83.3
Flintshire	64	62.5	11	100.0
Gwynedd	80	16.2	12	33.3
Wrexham	57	71.9	9	100.0
Betsi Cadwaladr UHB	337	44.8	50	82.0
Cardiff	98	93.9	18	100.0
Vale of Glamorgan	44	81.8	7	100.0
Cardiff and Vale UHB	142	90.1	25	100.0
Bridgend	48	95.8	9	100.0
Merthyr Tydfil	22	100.0	4	100.0
Rhondda Cynon Taf	92	96.7	12	91.7
Cwm Taf Morgannwg UHB	162	96.9	25	96.0
Carmarthenshire	95	64.2	12	100.0
Ceredigion	36	33.3	4	100.0
Pembrokeshire	52	36.5	6	100.0
Hywel Dda UHB	183	50.3	22	100.0
Powys	77	44.2	9	88.9
Powys Teaching HB	77	44.2	9	88.9
Neath Port Talbot	52	90.4	5	100.0
Swansea	77	97.4	14	100.0
Swansea Bay UHB	129	94.6	19	100.0
Total	1220	70.2	182	94.0

Table 2 - COVID-19 cases in schools settings by local authority and days since cases tested positive.

This is a summary of school pupils or staff that have tested positive within the last 21 days by week of their positive COVID test, Local Authority and Health Board level.

School Local Authority & Healthboard	0-6 Days	7-13 Days	14-21 Days	Total
Blaenau Gwent	2	21	24	47
Caerphilly	23	85	104	212
Monmouthshire	10	34	32	76
Newport	31	116	129	276
Torfaen	6	42	43	91
Aneurin Bevan UHB	72	298	332	702
Isle of Anglesey	4	4	1	9
Conwy	4	1	8	13
Denbighshire	8	14	15	37
Flintshire	17	36	26	79
Gwynedd	1	15	3	19
Wrexham	39	52	46	137
Betsi Cadwaladr UHB	73	122	99	294
Cardiff	58	176	188	422
Vale of Glamorgan	31	76	52	159
Cardiff and Vale UHB	89	252	240	581
Bridgend	64	138	93	295
Merthyr Tydfil	12	50	54	116
Rhondda Cynon Taf	57	189	175	421
Cwm Taf Morgannwg UHB	133	377	322	832
Carmarthenshire	24	84	79	187
Ceredigion	6	25	20	51
Pembrokeshire	2	16	19	37
Hywel Dda UHB	32	125	118	275
Powys	9	17	22	48
Powys Teaching HB	9	17	22	48
Neath Port Talbot	37	73	103	213
Swansea	29	75	108	212
Swansea Bay UHB	66	148	211	425
Total	474	1339	1344	3157

Table 3 - COVID-19 cases in school staff by Health Board and school type, since 1st September 2020.

Primary and Secondary schools include maintained schools only. Other schools include special schools, pupil referral units, independent schools, maintained middle schools and maintained nursery's.

School Healthboard	Primary	Secondary	Other	Total
Aneurin Bevan UHB	418	177	60	655
Betsi Cadwaladr UHB	245	87	46	378
Cardiff and Vale UHB	292	195	107	594
Cwm Taf Morgannwg UHB	495	168	150	813
Hywel Dda UHB	122	71	23	216
Powys Teaching HB	29	17	6	52
Swansea Bay UHB	310	107	51	468
Total	1911	822	443	3176

Figure 2 – Rolling 3 day average of new COVID-19 cases identified in schools by Health Board and date of test result since 1st September 2020

This data may be affected by lags in data reporting, trends in the most recent week should be interpreted with caution.

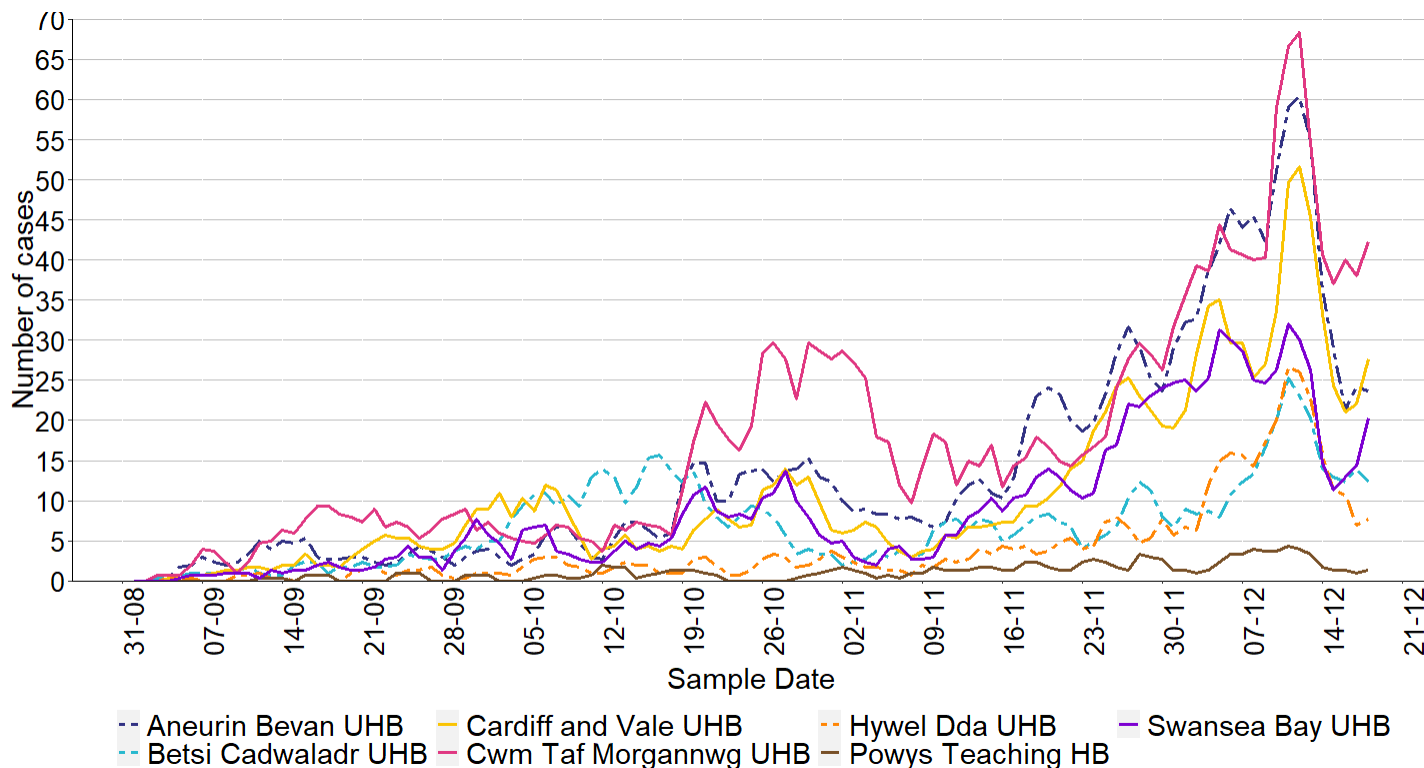


Figure 3 - Number of schools with more than one COVID-19 case identified within the last 21 days

- Excluding 262 schools that have had only 1 case.

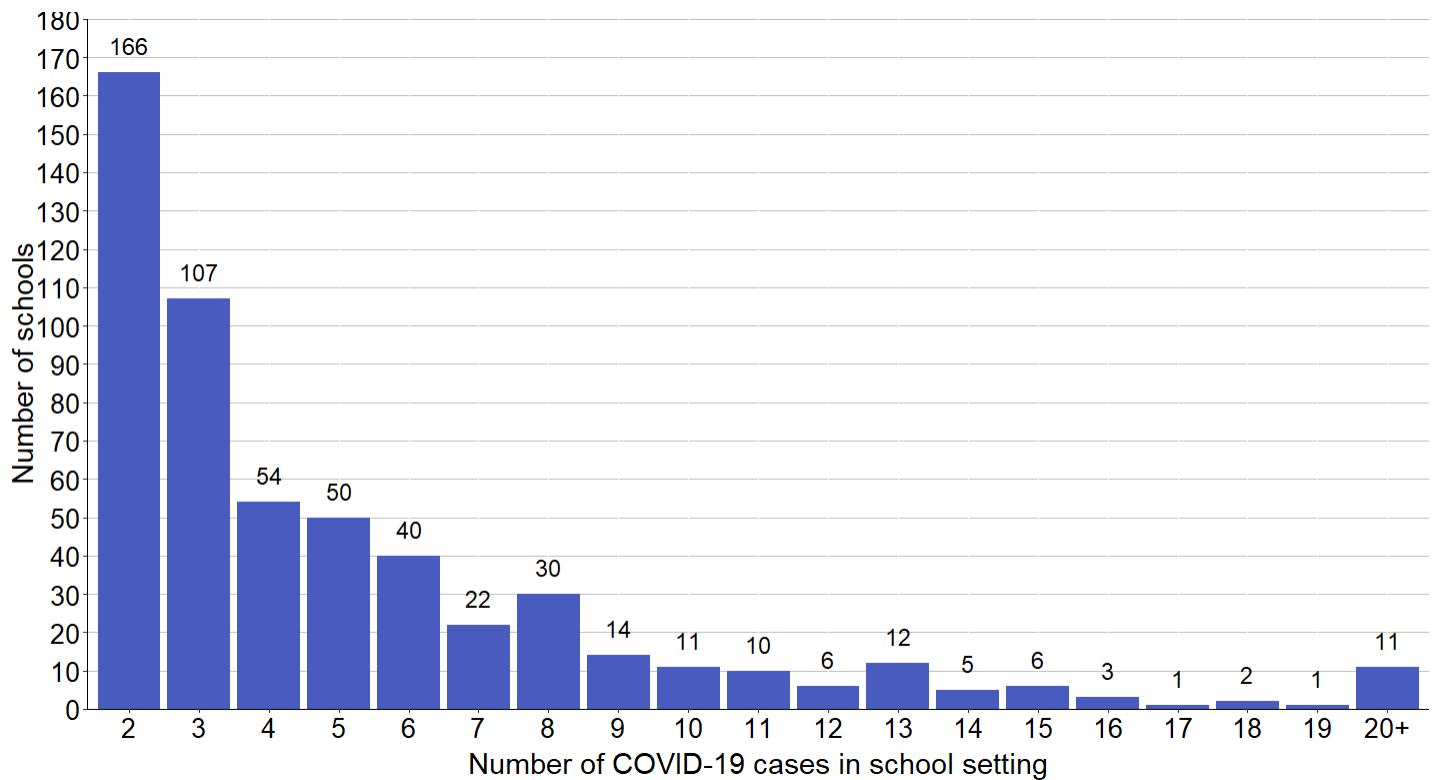


Figure 4 - COVID-19 testing episodes per 100,000 population, by week of sample collection and school age groups, Wales.

Pre-school age children are those individuals aged 0-4 years. Primary age children are those individuals aged 5-11 years. Secondary age children are those individuals aged 12-16 years. College age are those individuals aged 17-18 years. University and young adults are aged 19-25.

Week 36 (ending 6th September 2020) is the week in which most schools started back.

Data source: Public Health Wales Datastore database

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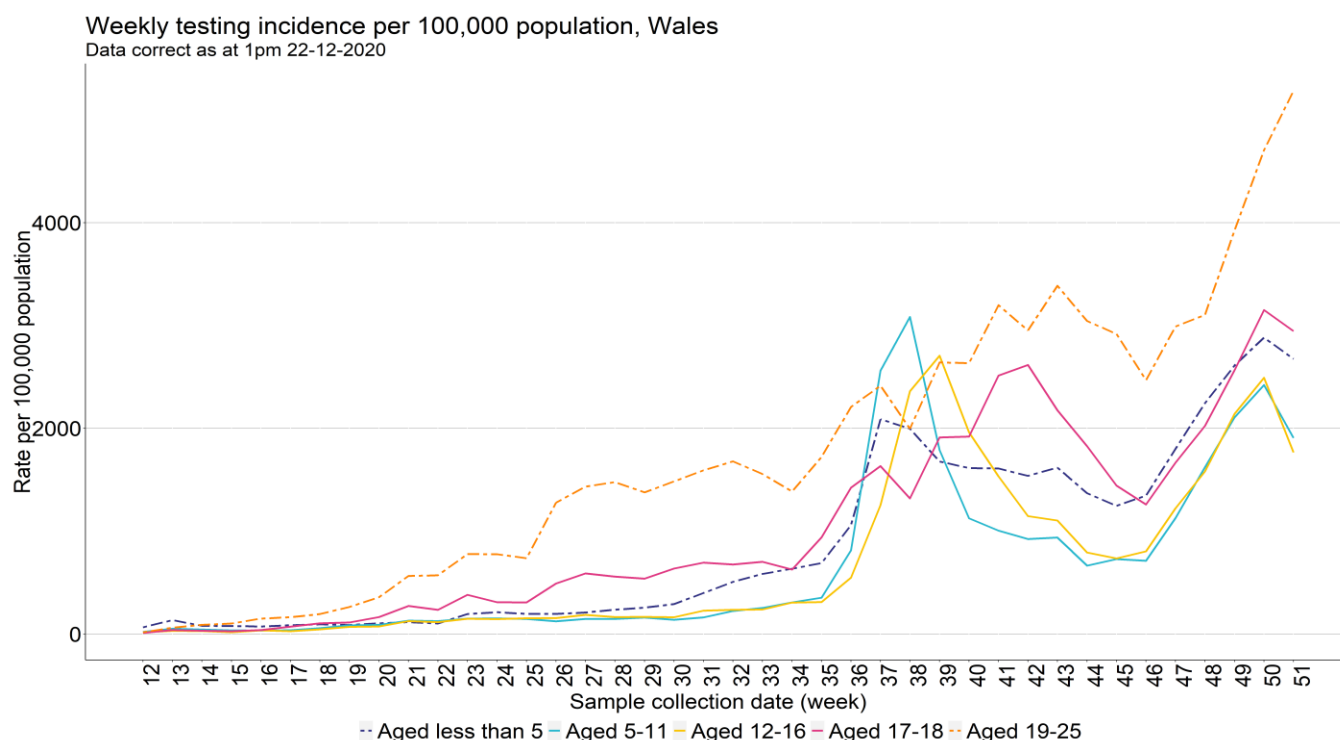


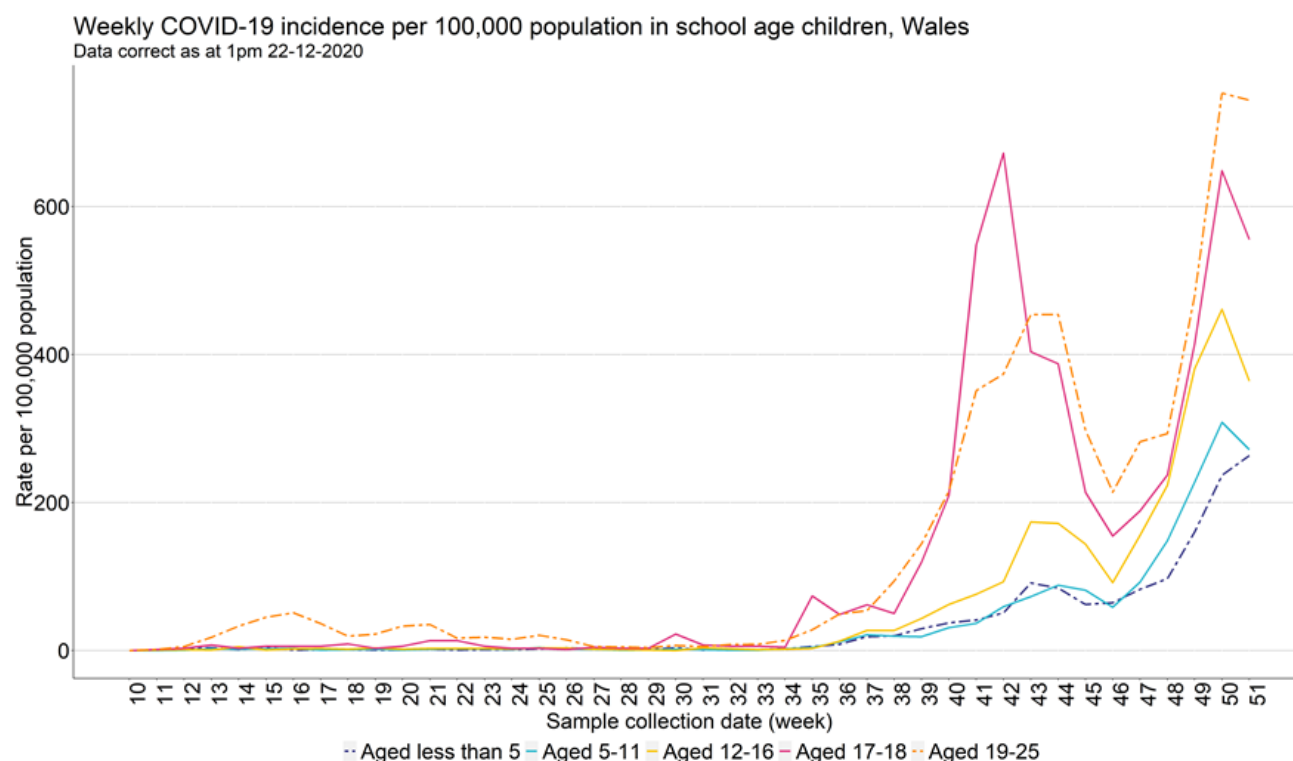
Figure 5 – Confirmed COVID-19 episodes per 100,000 population, by week of sample collection and school age group, Wales

Pre-school age children are those individuals aged 0-4 years. Primary age children are those individuals aged 5-11 years. Secondary age children are those individuals aged 12-16 years. College age are those individuals aged 17-18 years. University and young adults are aged 19-25.

Week 36 (ending 6th September 2020) is the week in which most schools started back.

Data source: Public Health Wales Datastore database

This data may be affected by lags in data reporting, trends in the most recent week should be interpreted with caution.



Further Education Colleges Summary

In the date range 01 September 2020 to 23 December 2020, there were 868 reports of new COVID-19 cases across 12 colleges and 47 campuses.

Table 4 - Summary of Further Education College cases by local authority and days since cases tested positive.

School Local Authority and Healthboard	0-6 Days	7-13 Days	14-21 Days	Total
Blaenau Gwent	0	6	7	13
Caerphilly	0	9	8	17
Monmouthshire	0	1	0	1
Newport	0	3	8	11
Torfaen	0	1	2	3
Aneurin Bevan UHB	0	20	25	45
Isle of Anglesey	0	1	0	1
Conwy	0	0	0	0
Denbighshire	0	1	2	3
Flintshire	1	4	3	8
Gwynedd	0	0	0	0
Wrexham	1	5	11	17
Betsi Cadwaladr UHB	2	11	16	29
Cardiff	1	15	15	31
Vale of Glamorgan	0	5	0	5
Cardiff and Vale UHB	1	20	15	36
Bridgend	3	48	17	68
Merthyr Tydfil	0	7	12	19
Rhondda Cynon Taf	2	17	5	24
Cwm Taf Morgannwg UHB	5	72	34	111
Carmarthenshire	3	4	16	23
Ceredigion	0	0	0	0
Pembrokeshire	0	7	5	12
Hywel Dda UHB	3	11	21	35
Powys	0	0	1	1
Powys Teaching HB	0	0	1	1
Neath Port Talbot	3	7	14	24
Swansea	1	12	18	31
Swansea Bay UHB	4	19	32	55
Total	15	153	144	312

Appendix : Methods

This report contains data related to cases with confirmed COVID-19 cases in School or College settings recorded in the CRM (the track and trace database).

Definitions

- Case – an individual recorded as an index case in the track and trace database (CRM).

Inclusion criteria for cases:

- Exposure location is at a school or college postcode, and the first line of address is a school.
- First line of exposure location address has a school related word.
- Keyworker category is “Education and Childcare”.
- Age is 3-19 and cases school can be identified via exposure location or location of employment. Any case aged 3-19 is assumed to be attending a school or nursery.
- Location of employment is at a school or college postcode, and the first line of address is a school.

Main Caveats

- The presence of cases linked to a school or educational institution does not necessarily imply that transmission occurred in that setting. Local intelligence is required to determine whether transmission is likely to have occurred within such institutions.
- It is difficult to distinguish staff cases via the CRM, therefore staff cases are classified as those older than 19 and not associated with the school such as a family member or doing the school run.
- Confirmed cases resident in England are not included in this report as they don’t appear in the CRM.
- There may be occasions where school aged cases are identified, but they may not have entered the school during their infectious period.
- There may be a lag in data due to time taken between sample collection date and the return of a positive result. There may also be a lag in the time between the positive result and follow up by contact tracers and entry of exposure data into the CRM.