

06 January, 2021

School and Colleges COVID-19 Summary Report

Location of employment is used to identify school associated cases in this analysis, so there may be instances particularly outside of term time where cases are listed as being employed or enrolled at a school but they may not have attended the school during their infectious period. Therefore, recent trends should be interpreted with caution.

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 further caveats.*

Schools Summary

In the date range 01 September 2020 to 06 January 2021, there were 8064 reports of new COVID-19 cases across 1166 schools; 3664 cases in staff and 4400 in pupils. From a total of 1573 schools across Wales, this represents 74.1 % of schools that have had a COVID-19 case.

- 231 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.

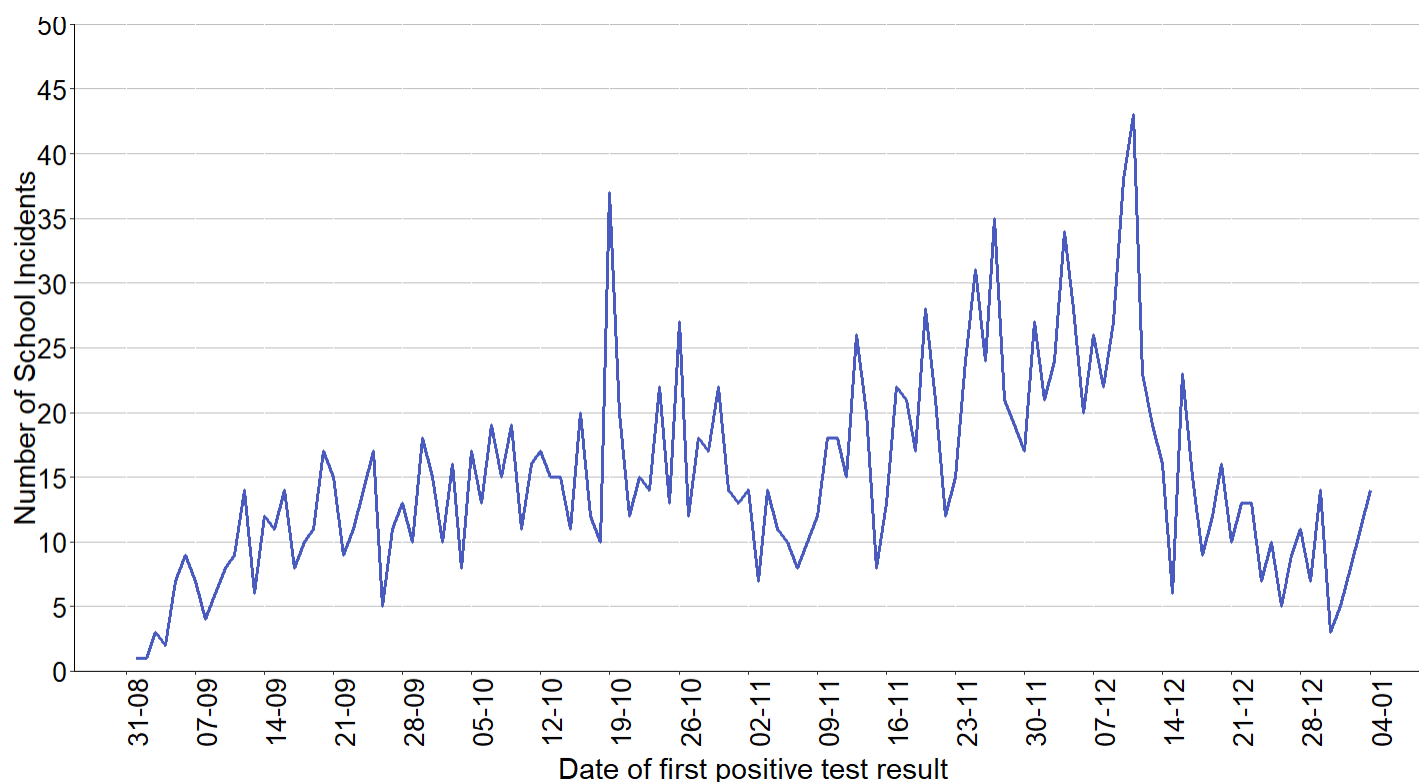


Table 1 - Proportion of Primary and Secondary schools that have had at least one COVID-19 case since 01 September 2020, by Local Authority and Health Board.

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	2	100
Caerphilly	73	93	11	100
Monmouthshire	30	80	4	100
Newport	43	95	9	100
Torfaen	25	92	6	100
Aneurin Bevan UHB	190	92	32	100
Isle of Anglesey	40	48	5	100
Conwy	52	35	7	100
Denbighshire	44	64	6	83
Flintshire	64	67	11	100
Gwynedd	80	19	12	50
Wrexham	57	79	9	100
Betsi Cadwaladr UHB	337	50	50	86
Cardiff	98	95	18	100
Vale of Glamorgan	44	89	7	100
Cardiff and Vale UHB	142	93	25	100
Bridgend	48	98	9	100
Merthyr Tydfil	22	100	4	100
Rhondda Cynon Taf	92	98	12	100
Cwm Taf Morgannwg UHB	162	98	25	100
Carmarthenshire	95	67	12	100
Ceredigion	36	36	4	100
Pembrokeshire	52	37	6	100
Hywel Dda UHB	183	52	22	100
Powys	77	47	9	89
Powys Teaching HB	77	47	9	89
Neath Port Talbot	52	90	5	100
Swansea	77	97	14	100
Swansea Bay UHB	129	95	19	100
Total	1,220	73	182	96

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	0	2	8	10
Caerphilly	12	26	43	81
Monmouthshire	6	9	24	39
Newport	8	15	54	77
Torfaen	1	12	21	34
Aneurin Bevan UHB	27	64	150	241
Isle of Anglesey	1	2	4	7
Conwy	3	6	4	13
Denbighshire	14	11	14	39
Flintshire	10	18	30	58
Gwynedd	3	3	1	7
Wrexham	5	15	53	73
Betsi Cadwaladr UHB	36	55	106	197
Cardiff	16	40	97	153
Vale of Glamorgan	6	30	52	88
Cardiff and Vale UHB	22	70	149	241
Bridgend	31	47	122	200
Merthyr Tydfil	10	14	28	52
Rhondda Cynon Taf	40	44	102	186
Cwm Taf Morgannwg UHB	81	105	252	438
Carmarthenshire	12	19	38	69
Ceredigion	0	4	12	16
Pembrokeshire	2	0	3	5
Hywel Dda UHB	14	23	53	90
Powys	2	5	14	21
Powys Teaching HB	2	5	14	21
Neath Port Talbot	11	17	58	86
Swansea	6	7	50	63
Swansea Bay UHB	17	24	108	149
Total	199	346	832	1,377

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	479	202	74	755
Betsi Cadwaladr UHB	280	103	62	445
Cardiff and Vale UHB	337	223	131	691
Cwm Taf Morgannwg UHB	568	211	176	955
Hywel Dda UHB	138	79	26	243
Powys Teaching HB	34	20	7	61
Swansea Bay UHB	340	117	57	514
Total	2,176	955	533	3,664

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

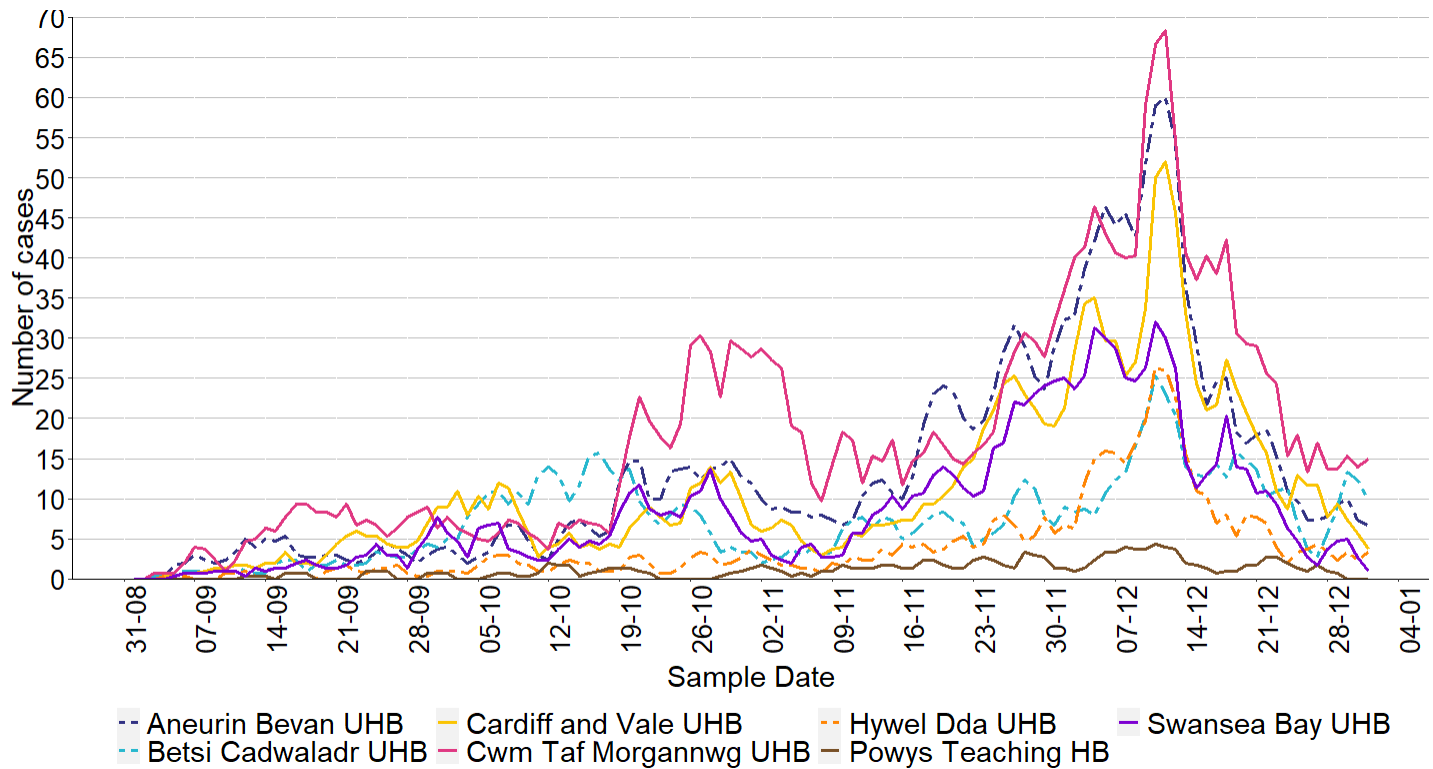


Figure 3 - Number of schools with more than one COVID-19 case identified within the last 21 days

- Excluding 305 schools that have had only 1 case.

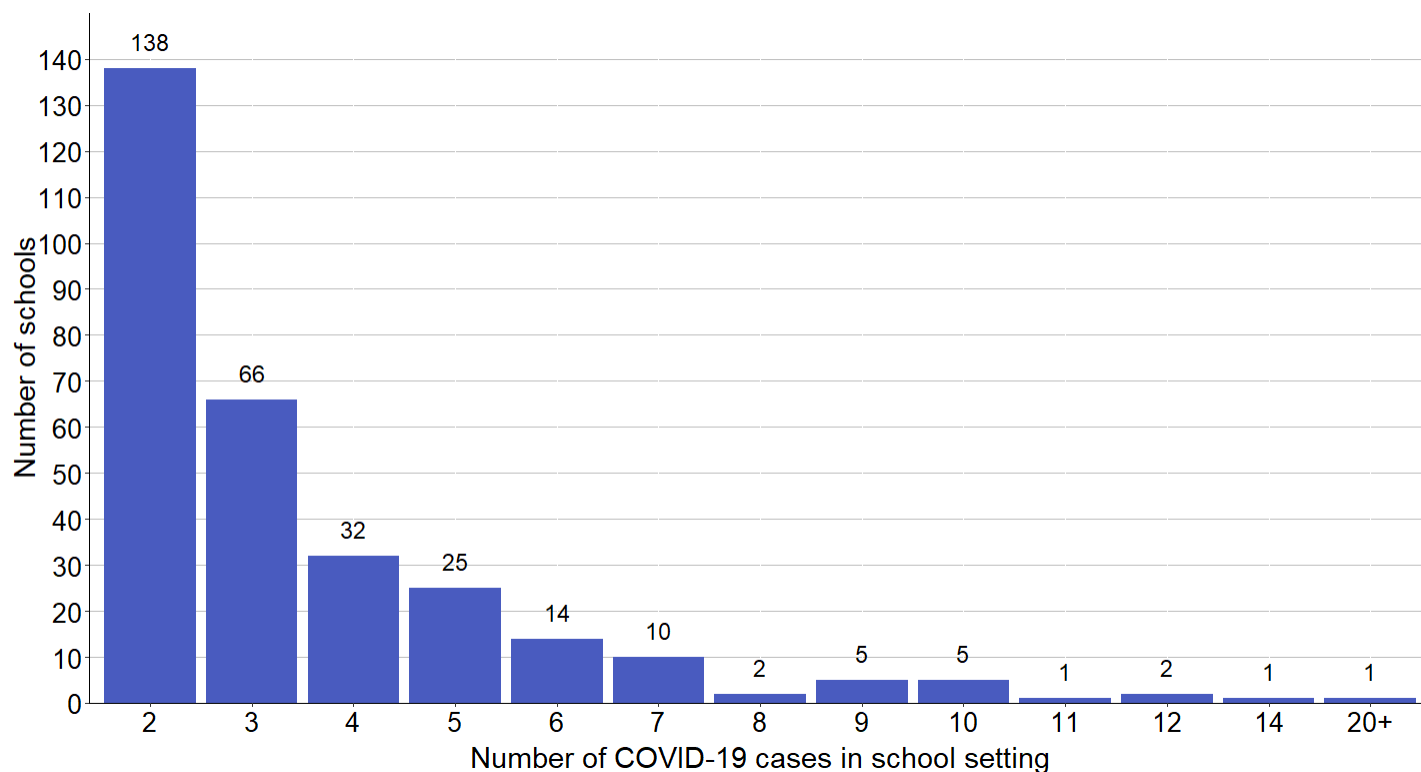
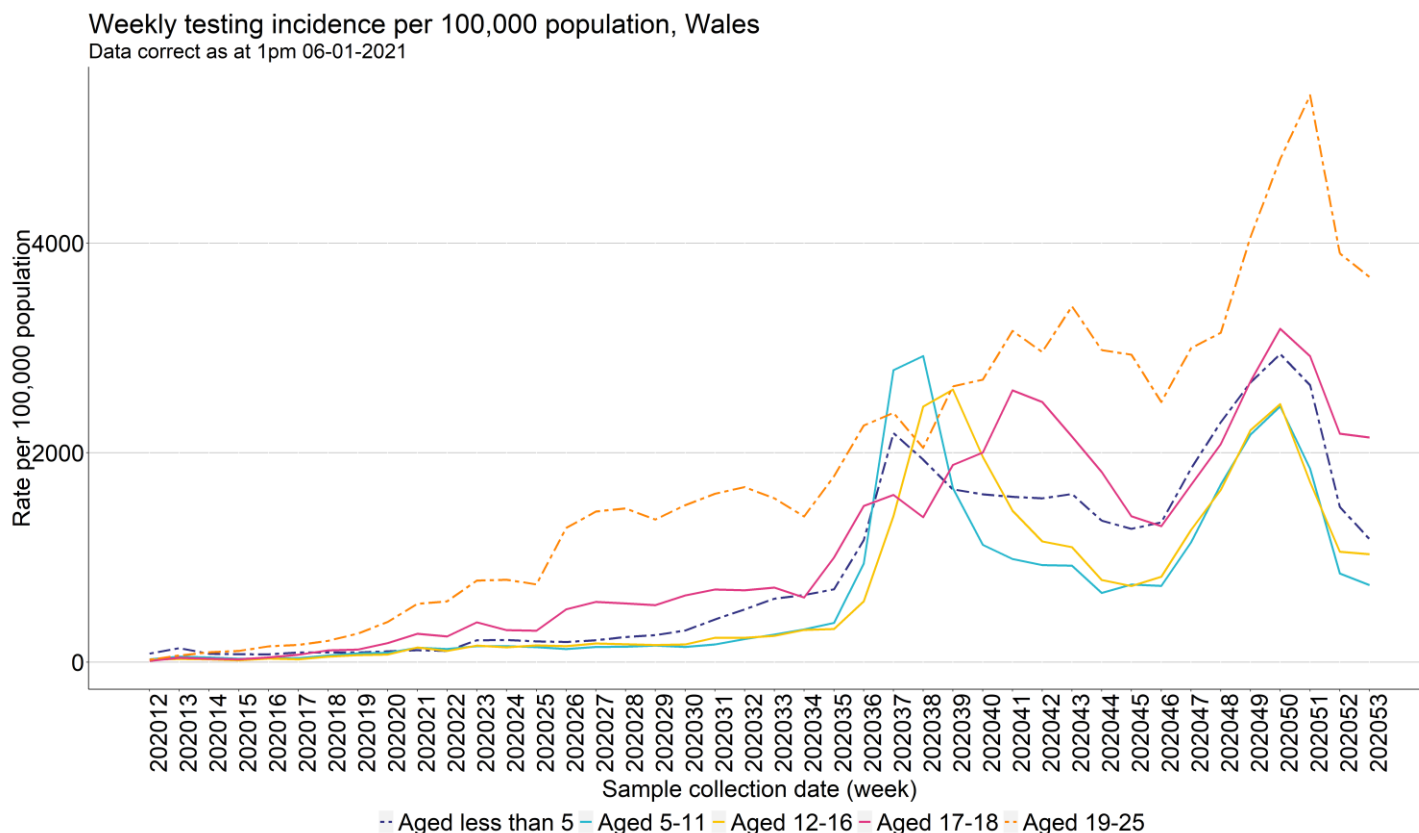


Figure 4 - COVID-19 testing episodes per 100,000 population, by week of sample collection and school age groups, Wales.

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.

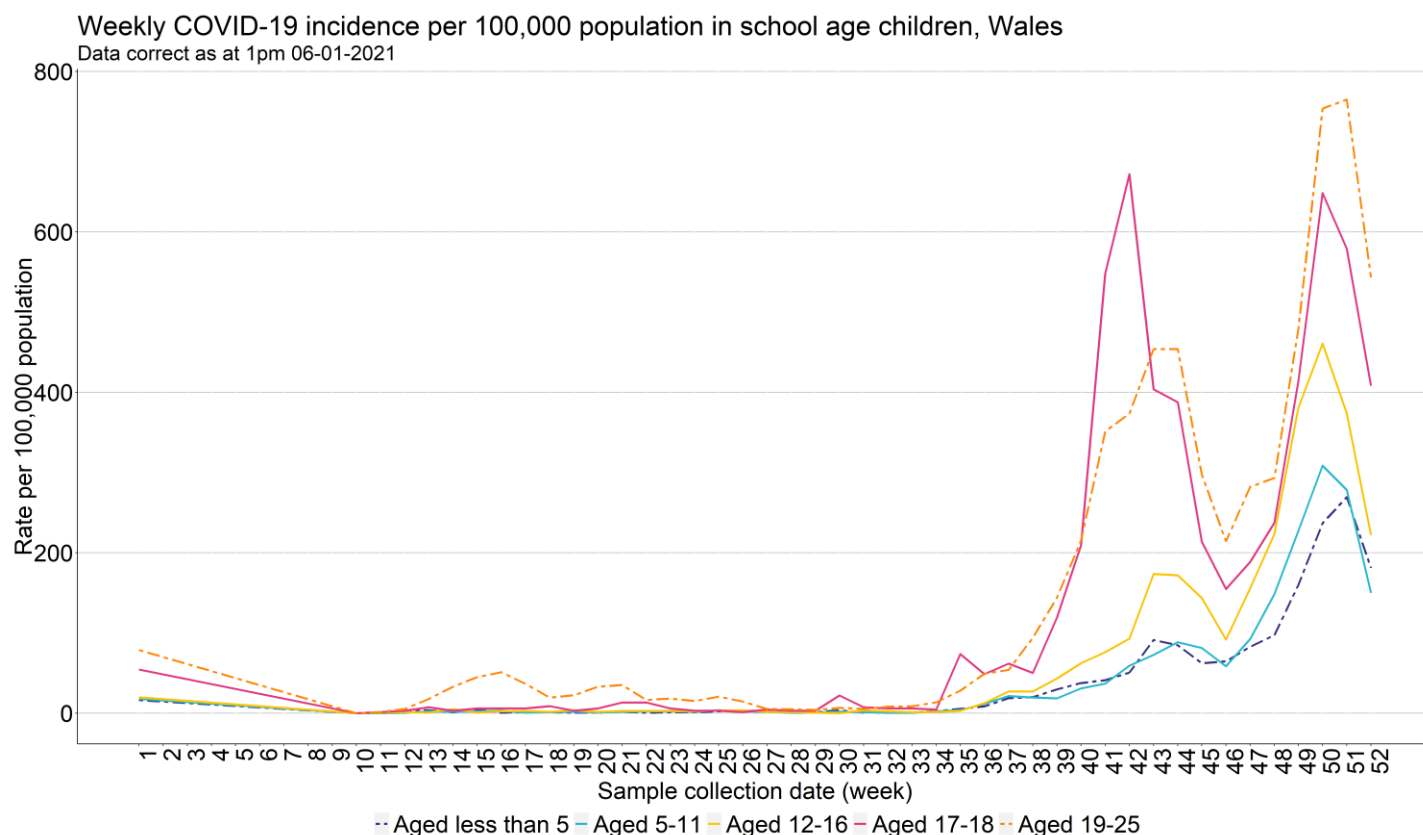


Data source: Public Health Wales Datastore database

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

Further Education Colleges Summary

In the date range 01 September 2020 to 06 January 2021, 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	0	1	1
Caerphilly	0	4	9	13
Monmouthshire	0	0	0	0
Newport	1	1	1	3
Torfaen	0	0	0	0
Aneurin Bevan UHB	1	5	11	17
Isle of Anglesey	0	0	0	0
Conwy	1	0	0	1
Denbighshire	0	1	0	1
Flintshire	0	0	1	1
Gwynedd	0	1	4	5
Wrexham	1	0	5	6
Betsi Cadwaladr UHB	2	2	9	13
Cardiff	4	3	8	15
Vale of Glamorgan	0	0	1	1
Cardiff and Vale UHB	4	3	9	16
Bridgend	3	3	11	17
Merthyr Tydfil	2	2	5	9
Rhondda Cynon Taf	3	2	3	8
Cwm Taf Morgannwg UHB	8	7	19	34
Carmarthenshire	1	1	4	6
Ceredigion	0	0	0	0
Pembrokeshire	0	2	1	3
Hywel Dda UHB	1	3	5	9
Powys	0	0	0	0
Powys Teaching HB	0	0	0	0
Neath Port Talbot	1	3	5	9
Swansea	0	0	5	5
Swansea Bay UHB	1	3	10	14
Total	17	23	63	103

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.
- Location of employment is used to identify school associated cases in this analysis, so there may be instances particularly outside of term time where cases are listed as being employed or enrolled at a school but they may not have attended the school during their infectious period.