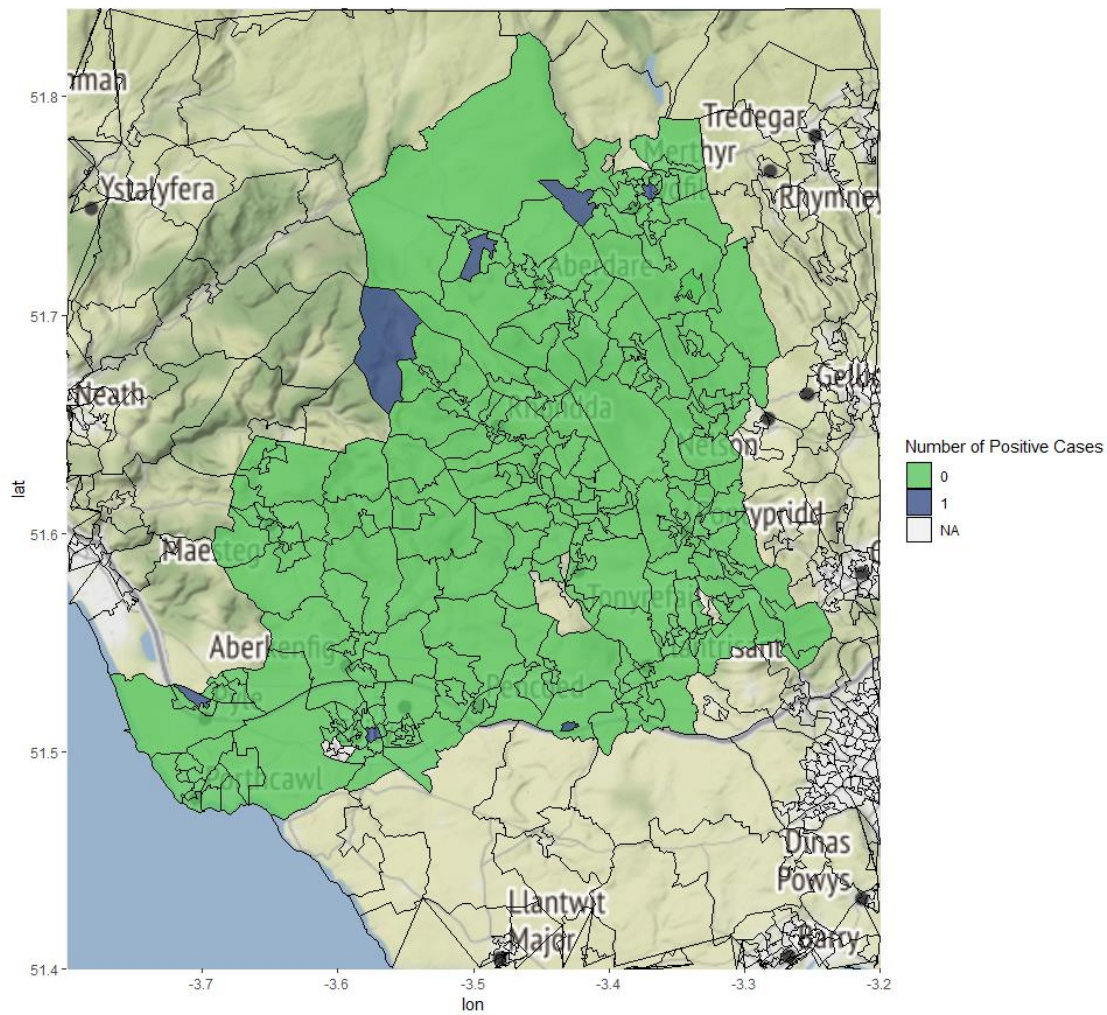


# COVID Area Surveillance

04/08/2020

## LSOA Map:

Below shows a map of CTM with LSOA's highlighted dependant on the number of cases they have had in the last 2 weeks:

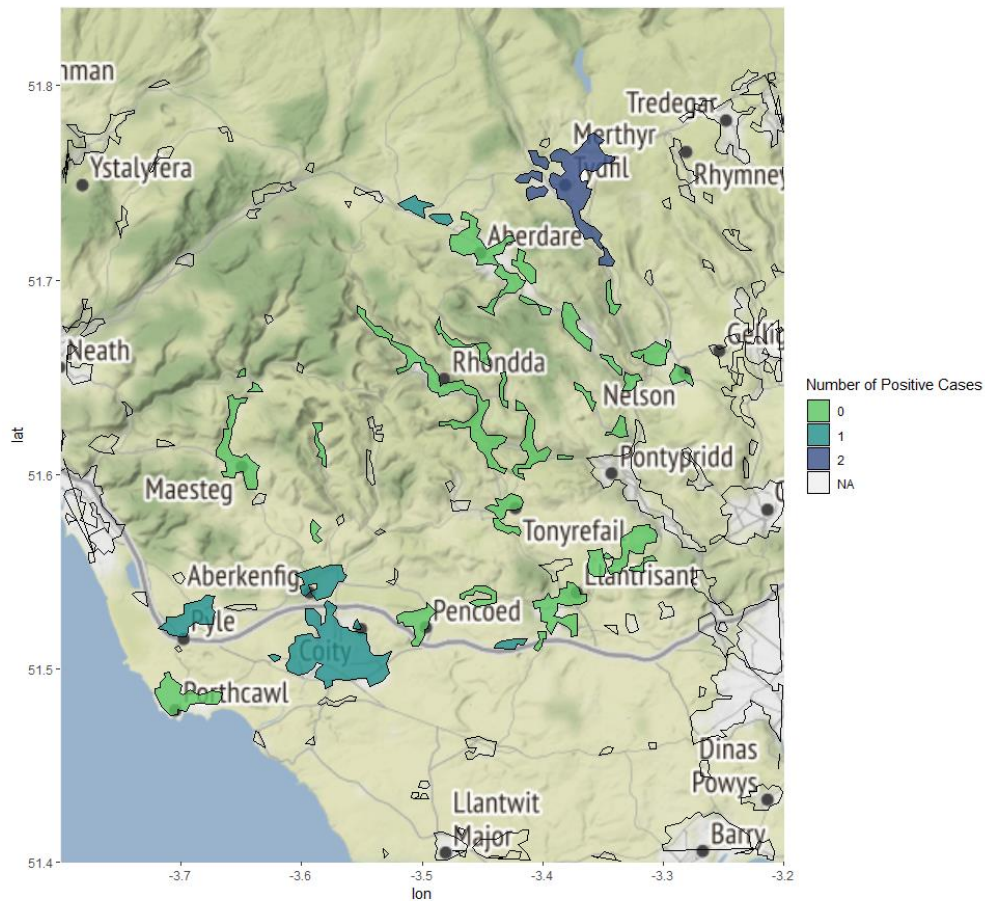


## Cases for LSOA -

LA	BUA	LSOA	Positive
Bridgend	Bridgend	W01001021	1
Bridgend	Pyle	W01001002	1
Merthyr Tydfil	Merthyr Tydfil	W01001291	1
Merthyr Tydfil	Merthyr Tydfil	W01001310	1
Rhondda Cynon Taf	Hirwaun	W01001221	1
Rhondda Cynon Taf	Llanharry	W01001192	1
Rhondda Cynon Taf	Treherbert	W01001267	1

## BUA Map:

Below shows a map of CTM with Built-Up Areas highlighted dependant on the number of cases they have had in the last 2 weeks:

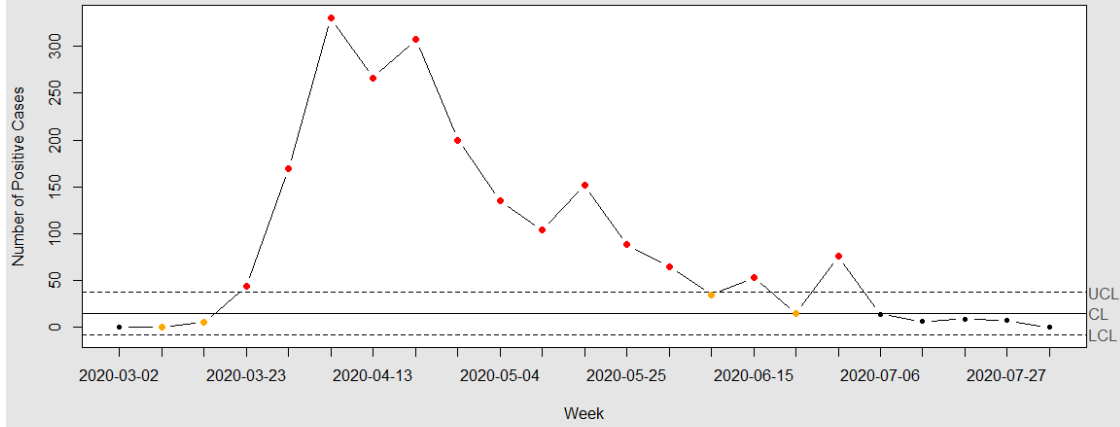


## All CTM:

These charts are for Positive and Positivity Rate for COVID tests for all of Cwm Taf LA's:

Positivity Rate = Positive Cases / Tested

SPC P Chart for Weekly Positive Cases - all CTM (99% CI calculated from 15/6 onwards)

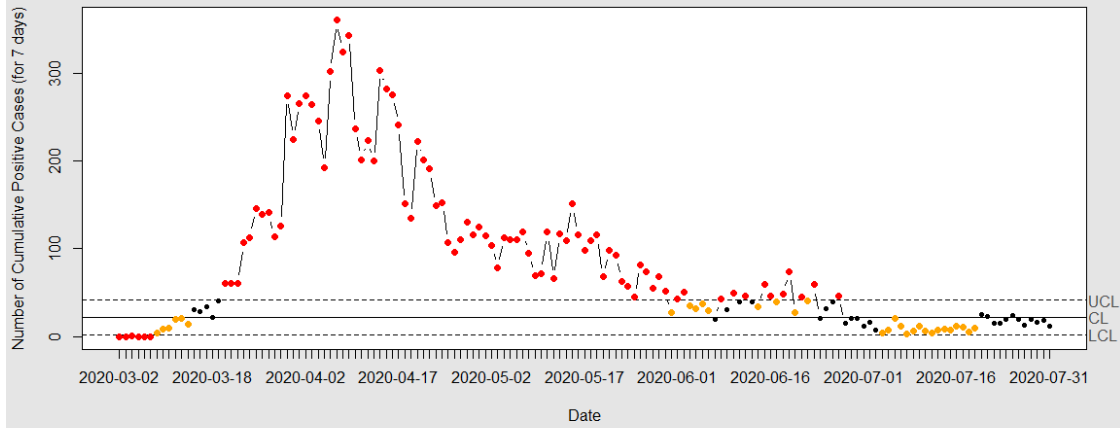


Number of groups = 23  
Center = 14.85714

LCL = -7.597634

Number beyond limits = 14

CTM 7 day rolling cumulative SPC chart (99% CI calculated from 15/6 onwards)

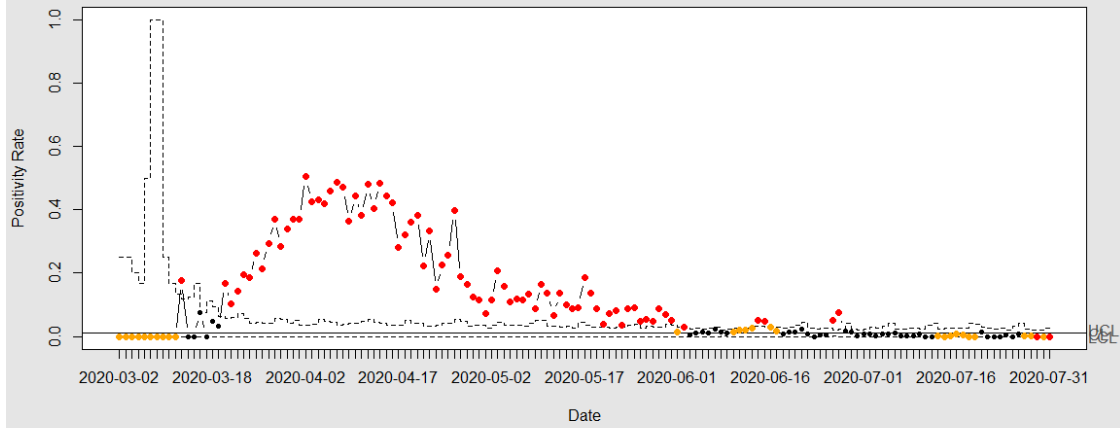


Number of groups = 151  
Center = 21.76596  
StdDev = 7.728184

LCL = 1.859475  
UCL = 41.67244

Number beyond limits = 97  
Number violating runs = 135

SPC P Chart for Daily Positivity Rate - all CTM (99% CI calculated from 15/6 onwards)



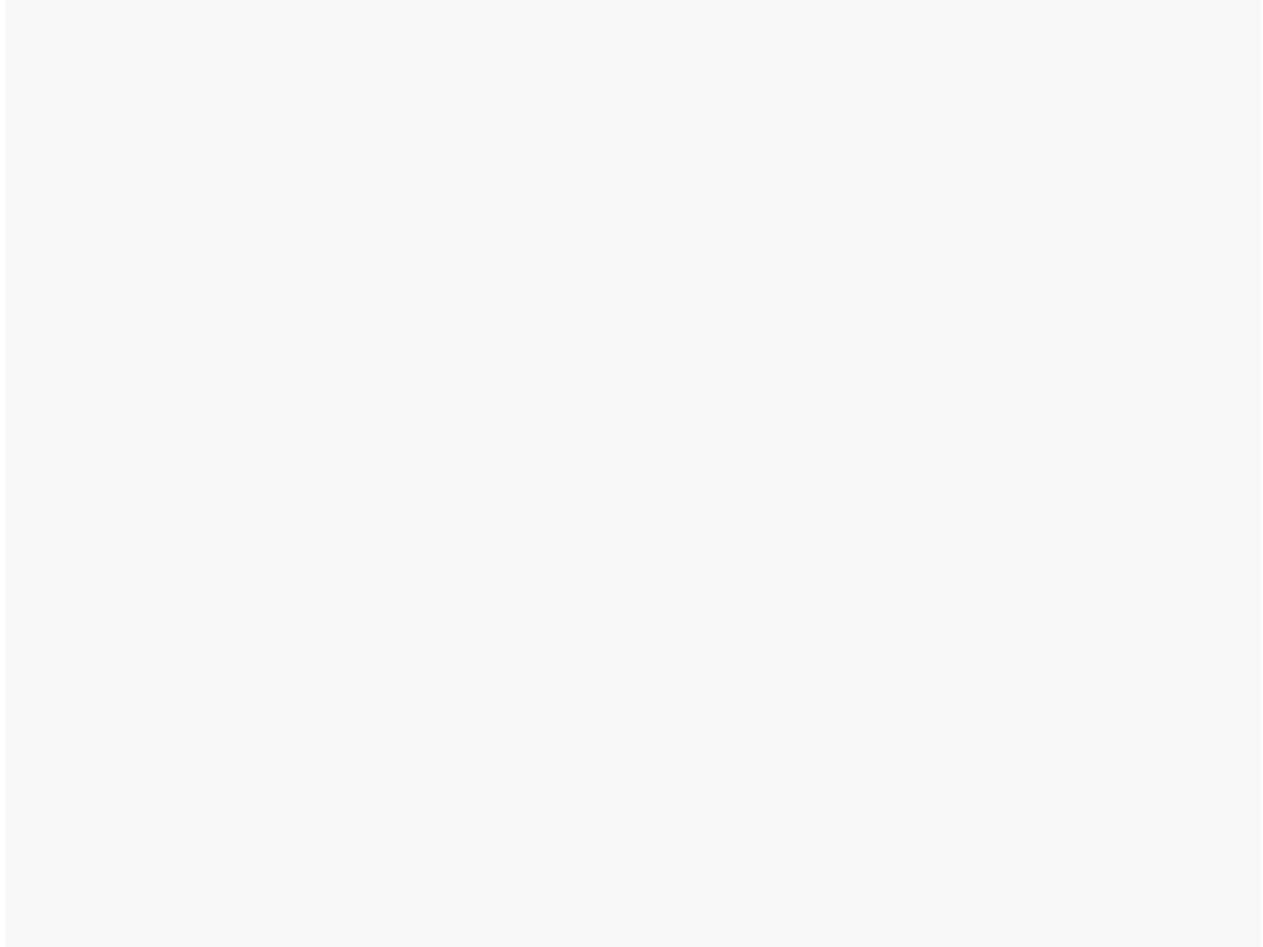
Number of groups = 151  
Center = 0.009429726  
StdDev = 0.09664785

LCL is variable  
UCL is variable

Number beyond limits = 86  
Number violating runs = 113

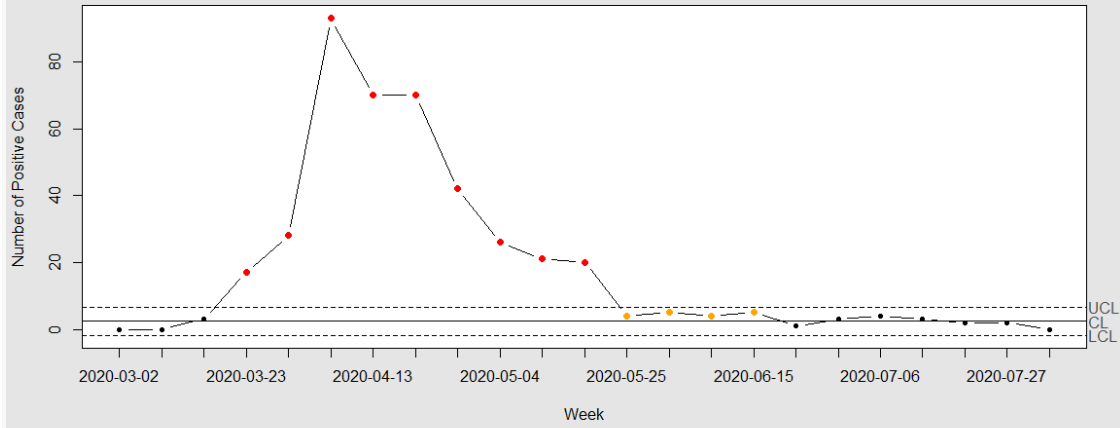
**LA:**

**The next charts are for the Local Authorities within CTM: Bridgend, Merthy Tydfil and Rhondda Cynnon Taf.**

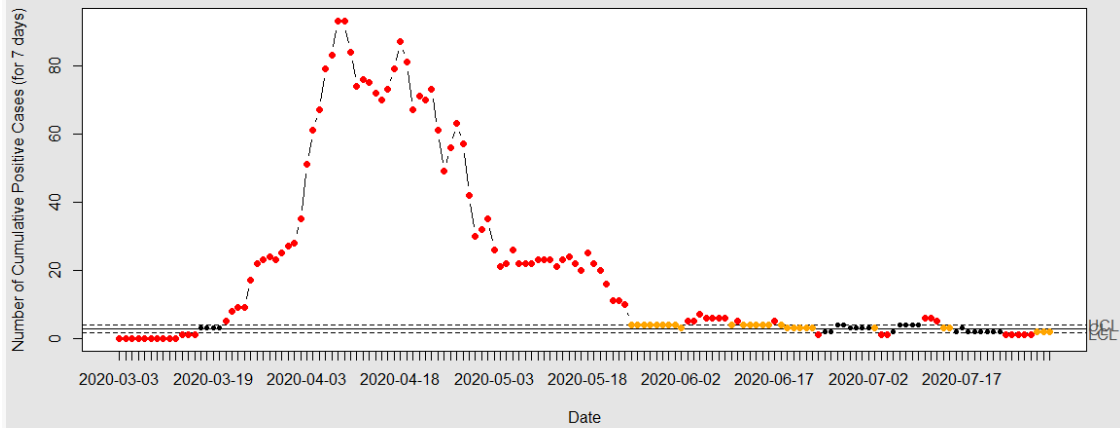


# Bridgend

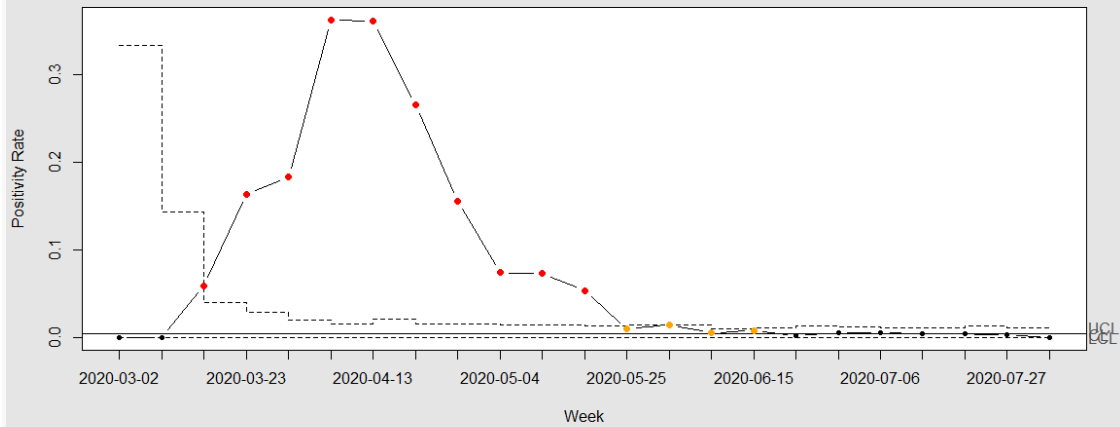
SPC Chart for Weekly Positive Cases in Bridgend (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Bridgend (99% CI calculated from 15/6 onwards)

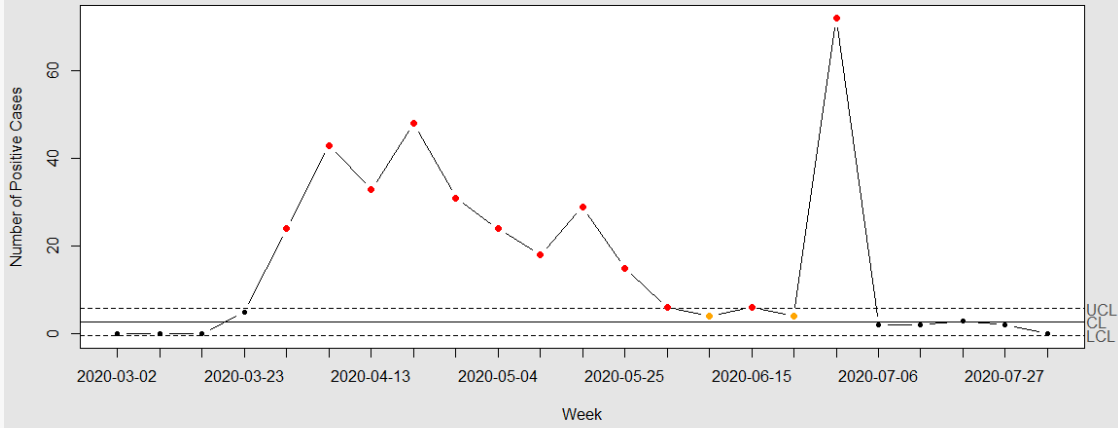


SPC P Chart for Positivity Rate in Bridgend (99% CI calculated from 15/6 onwards, excluding Kepak)

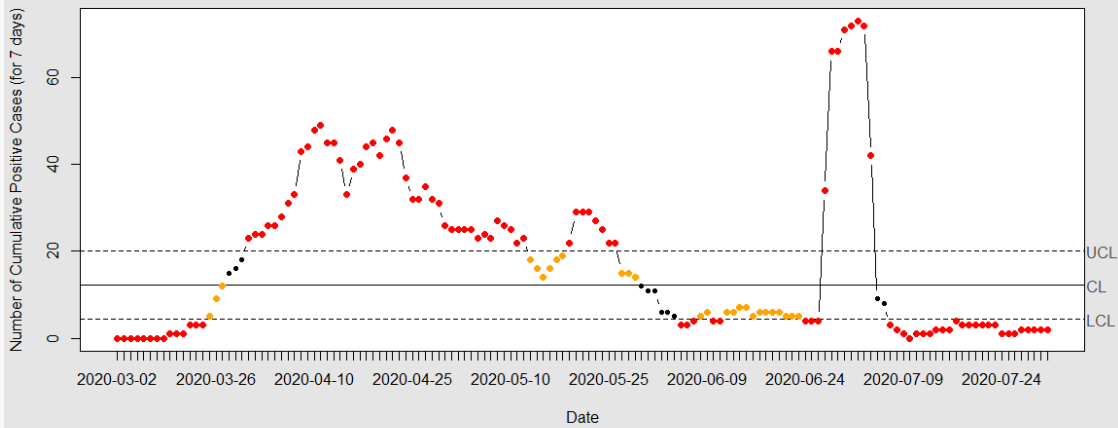


# Merthyr Tydfil

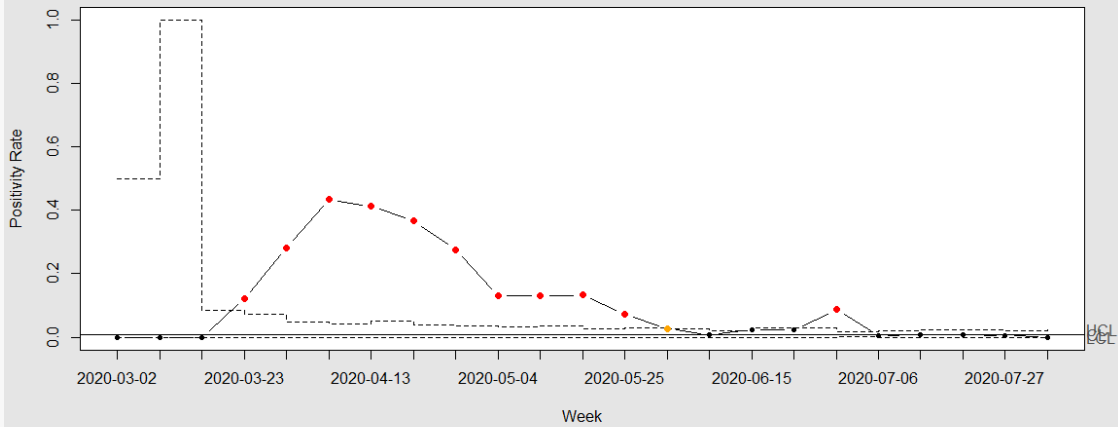
SPC Chart for Weekly Positive Cases in Merthyr Tydfil (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Merthyr Tydfil (99% CI calculated from 15/6 onwards)

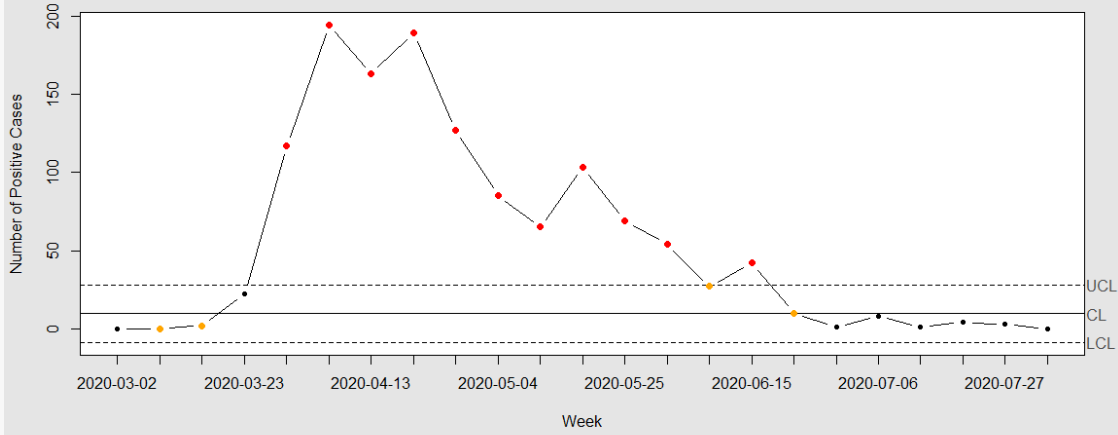


SPC P Chart for Positivity Rate in Merthyr Tydfil (99% CI calculated from 15/6 onwards, excluding Kepak)



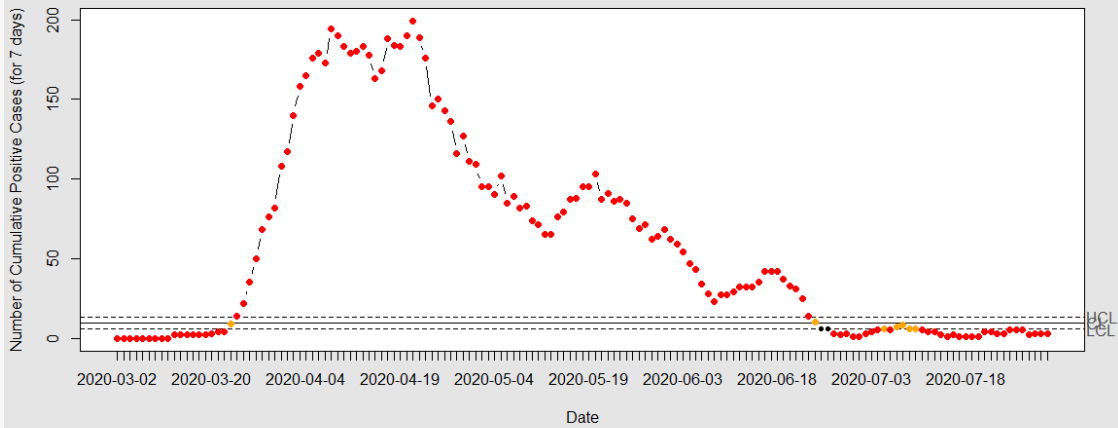
# Rhondda Cynon Taf

SPC Chart for Weekly Positive Cases in Rhondda Cynon Taf (99% CI calculated from 15/6 onwards, excluding Kepak)



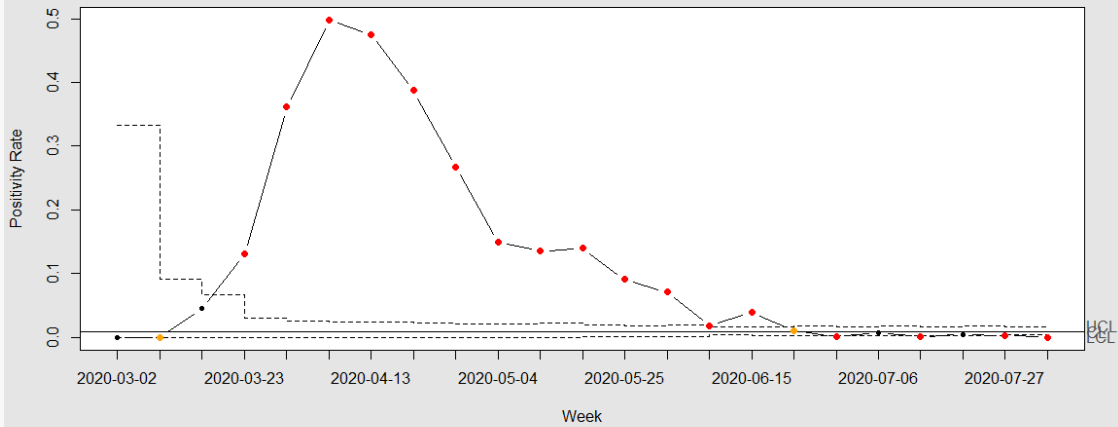
Number of groups = 23  
 Center = 9.714286  
 StdDev = 7.092199  
 LCL = -8.554007  
 UCL = 27.98258  
 Number beyond limits = 12  
 Number violating runs = 10

SPC 7 day rolling Cumulative chart for Positive Cases in Rhondda Cynon Taf (99% CI calculated from 15/6 onwards)



Number of groups = 149  
 Center = 9.608696  
 StdDev = 1.497242  
 LCL = 5.752056  
 UCL = 13.46534  
 Number beyond limits = 178  
 Number violating runs = 171

SPC P Chart for Positivity Rate in Rhondda Cynon Taf (99% CI calculated from 15/6 onwards, excluding Kepak)

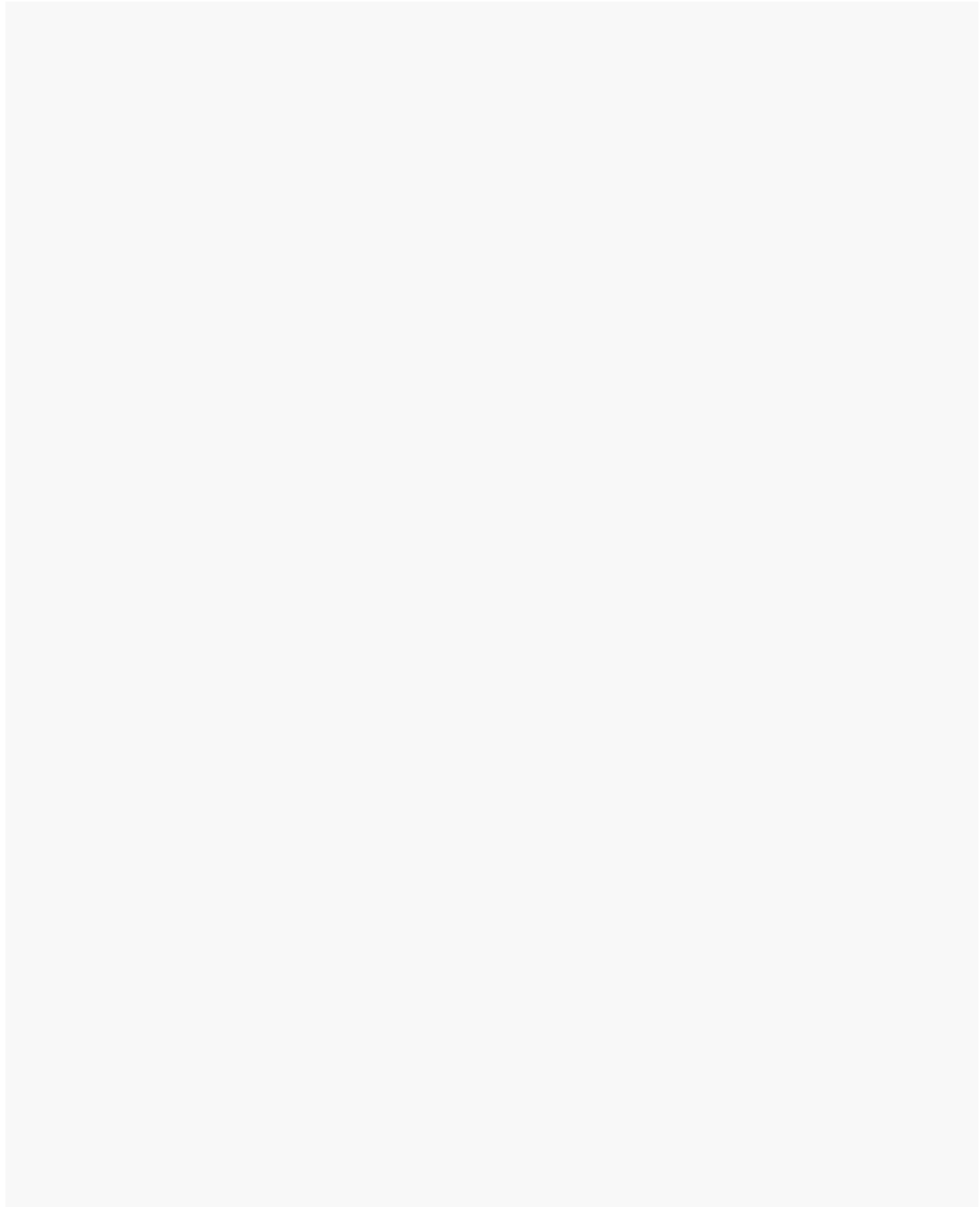


Number of groups = 23  
 Center = 0.00904857  
 StdDev = 0.09469262  
 LCL is variable  
 UCL is variable  
 Number beyond limits = 21  
 Number violating runs = 10



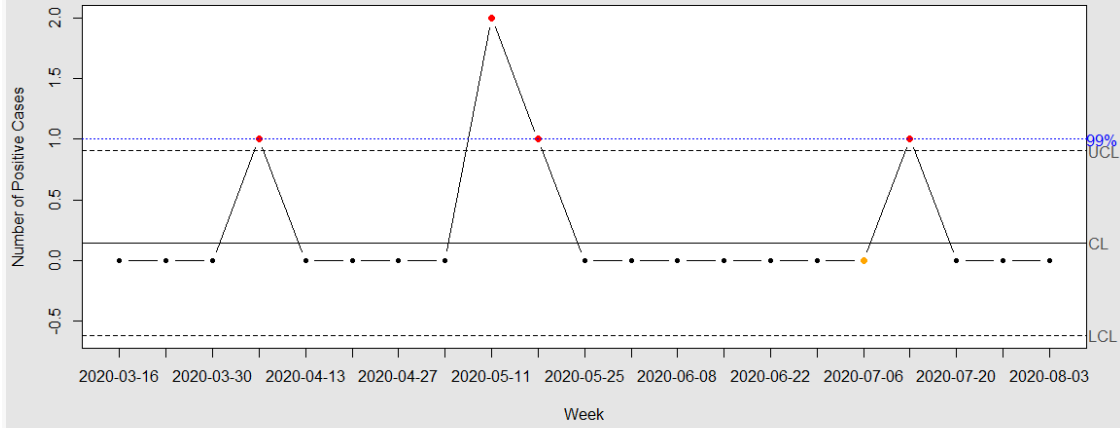
Bridgend BUA's:

The following charts are for each Built Up Area in Bridgend, with the Number of Positive cases, Positivity Rate and 7-day rolling positive cases being monitored:

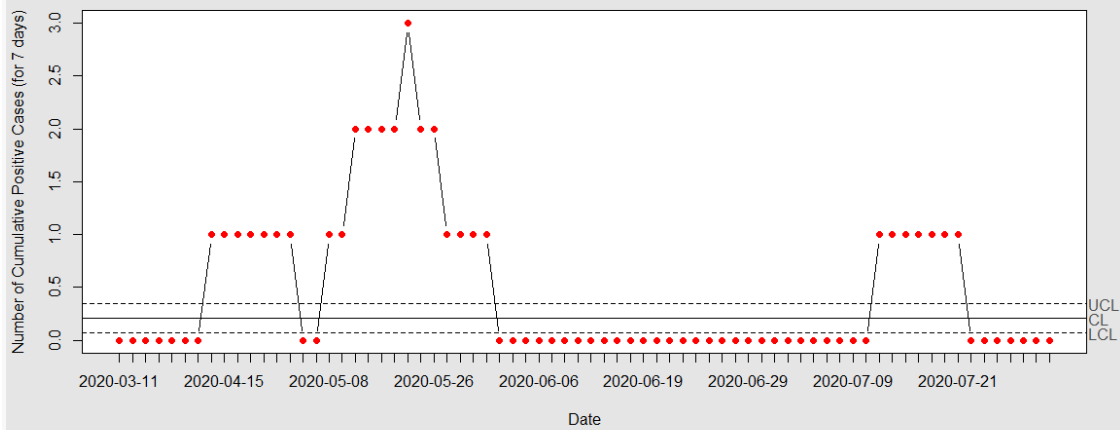


# Bettws

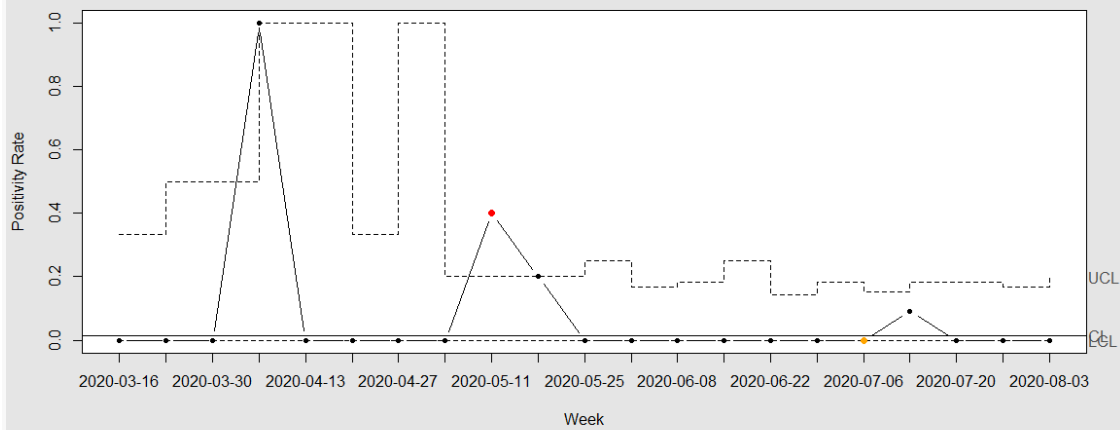
SPC Chart for Weekly Positive Cases in Bettws (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Bettws (99% CI calculated from 15/6 onwards)

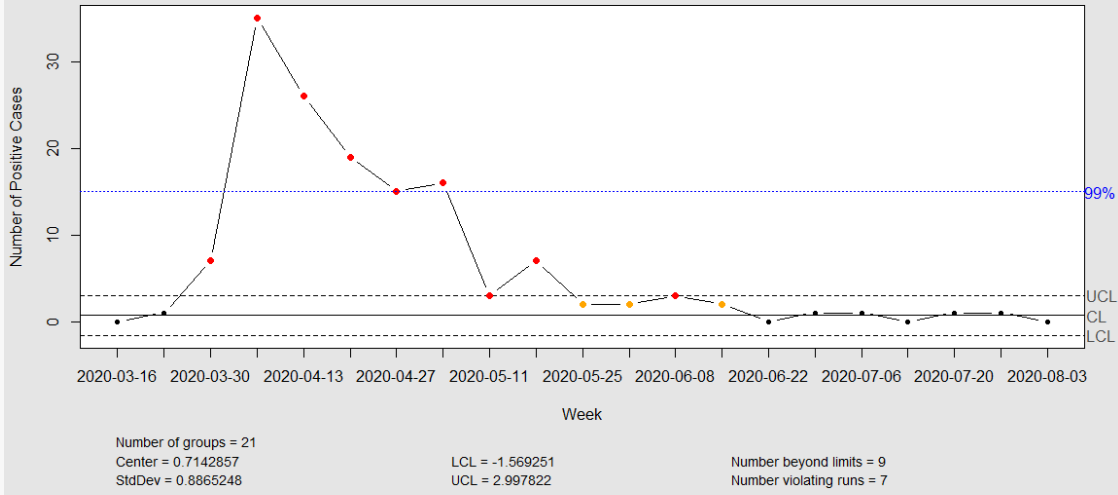


SPC Chart for P Chart for Positivity Rate in Bettws (99% CI calculated from 15/6 onwards, excluding Kepak)

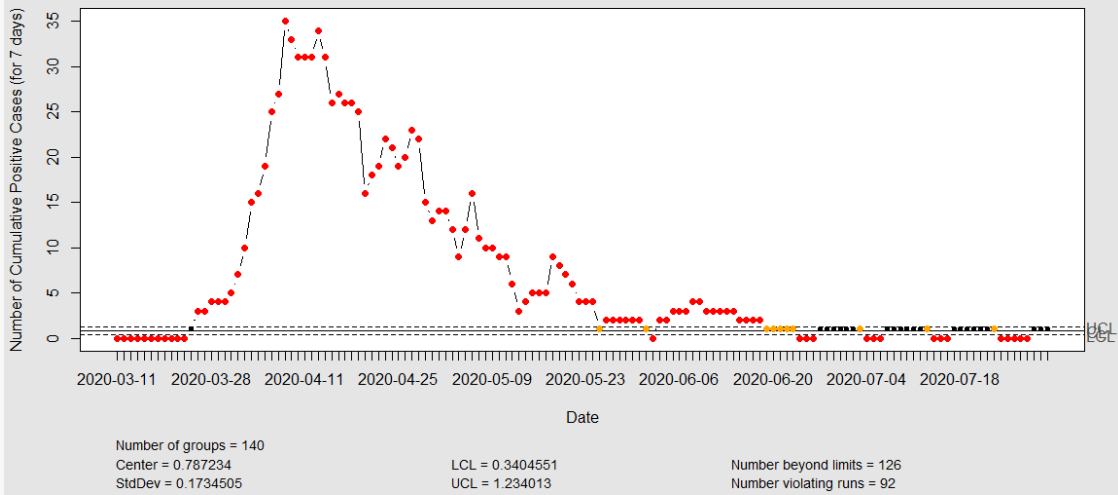


# Bridgend

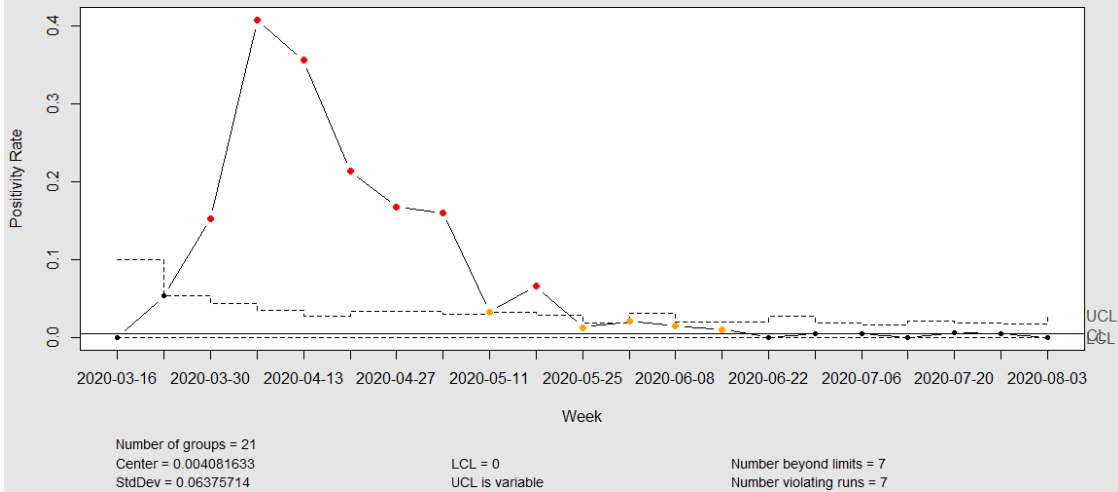
SPC Chart for Weekly Positive Cases in Bridgend (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Bridgend (99% CI calculated from 15/6 onwards)

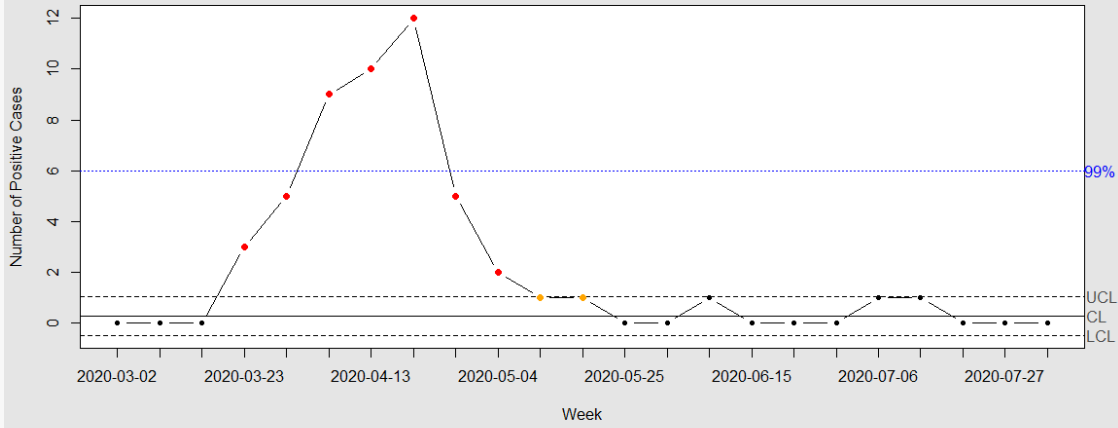


SPC Chart for P Chart for Positivity Rate in Bridgend (99% CI calculated from 15/6 onwards, excluding Kepak)



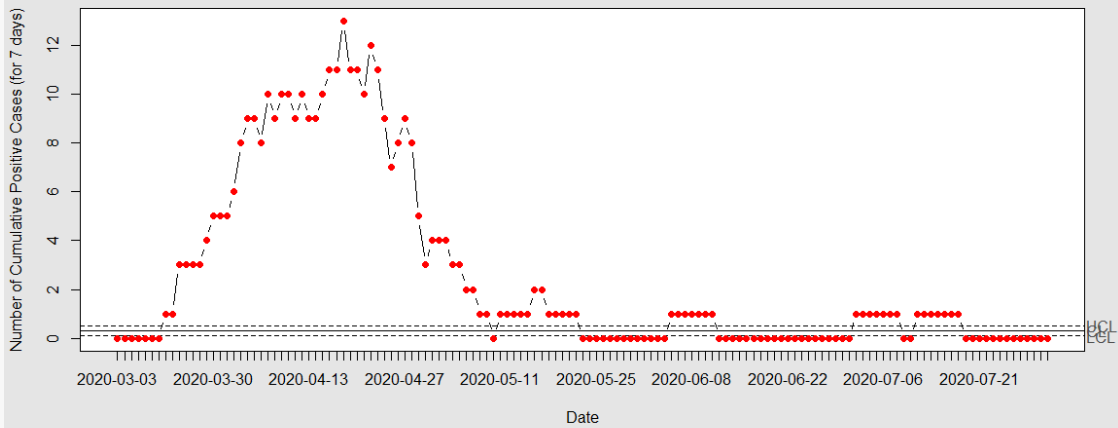
# Maesteg

SPC Chart for Weekly Positive Cases in Maesteg (99% CI calculated from 15/6 onwards, excluding Kepak)



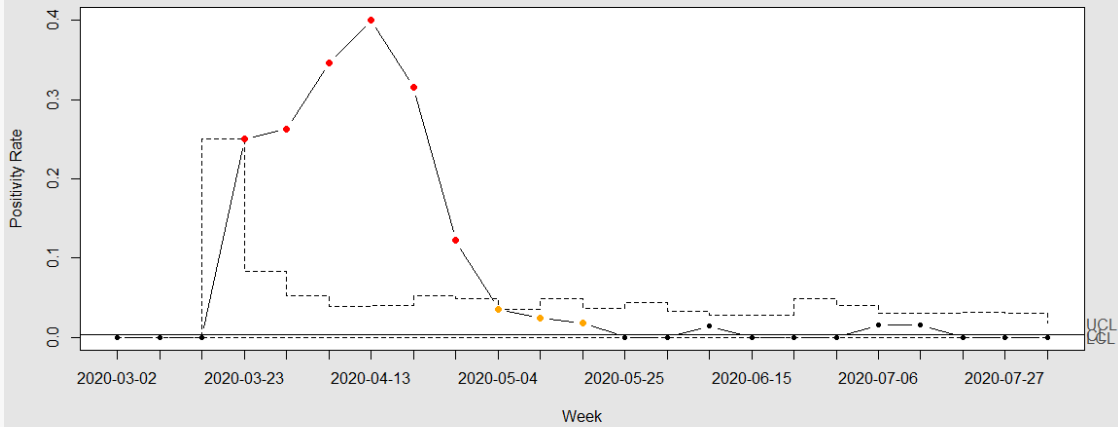
Number of groups = 23  
 Center = 0.2857143  
 StdDev = 0.2955083  
 LCL = -0.4754646  
 UCL = 1.046893  
 Number beyond limits = 7  
 Number violating runs = 3

SPC 7 day rolling Cumulative chart for Positive Cases in Maesteg (99% CI calculated from 15/6 onwards)



Number of groups = 137  
 Center = 0.3043478  
 StdDev = 0.07880221  
 LCL = 0.1013668  
 UCL = 0.5073289  
 Number beyond limits = 183  
 Number violating runs = 106

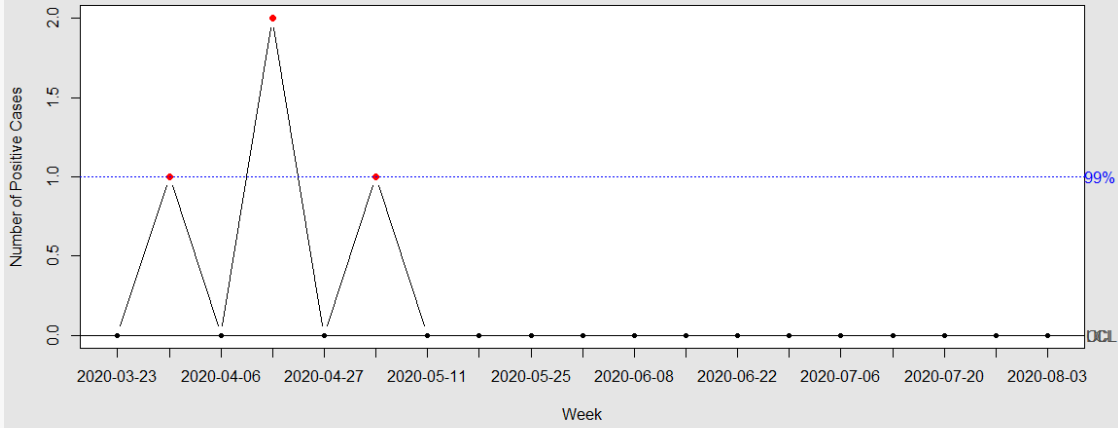
SPC Chart for P Chart for Positivity Rate in Maesteg (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 23  
 Center = 0.003430532  
 StdDev = 0.05847019  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 6  
 Number violating runs = 3

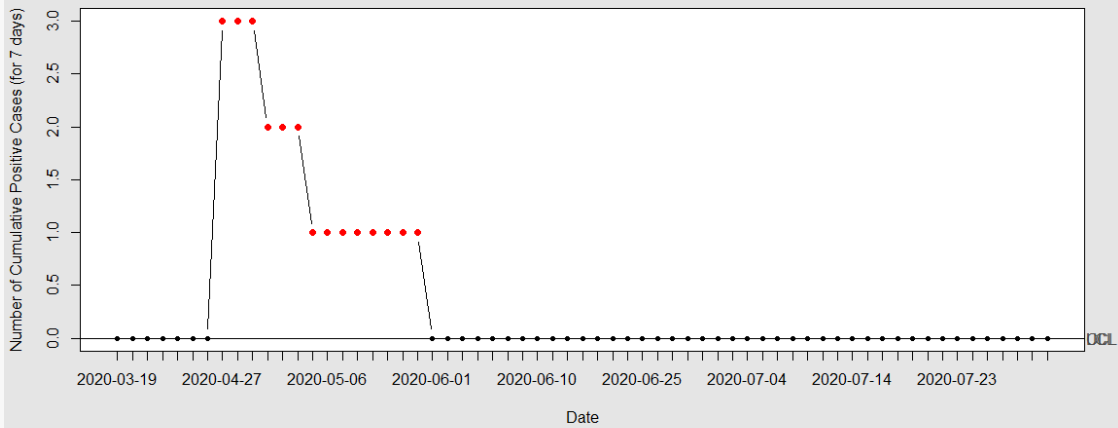
# Nant-y-moel

SPC Chart for Weekly Positive Cases in Nant-y-moel (99% CI calculated from 15/6 onwards, excluding Kepak)



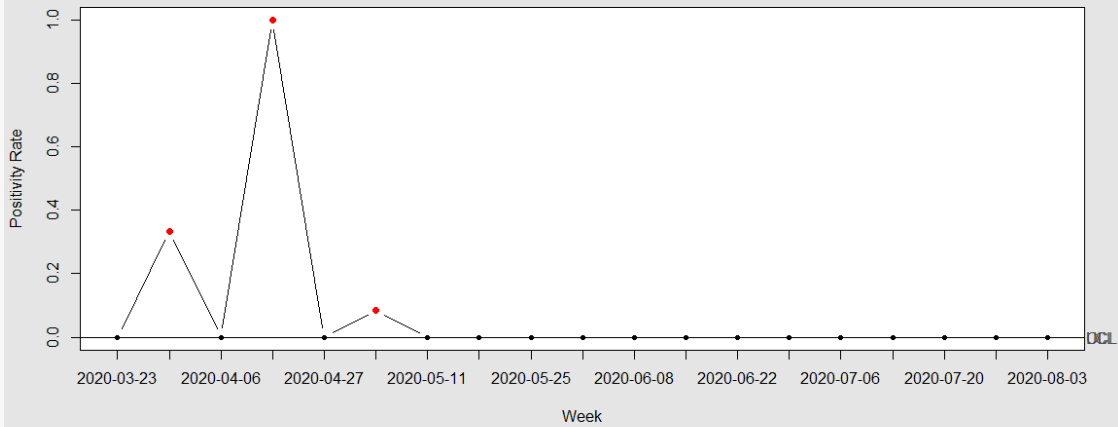
Number of groups = 19  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 3  
 Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Nant-y-moel (99% CI calculated from 15/6 onwards)



Number of groups = 63  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 14  
 Number violating runs = 8

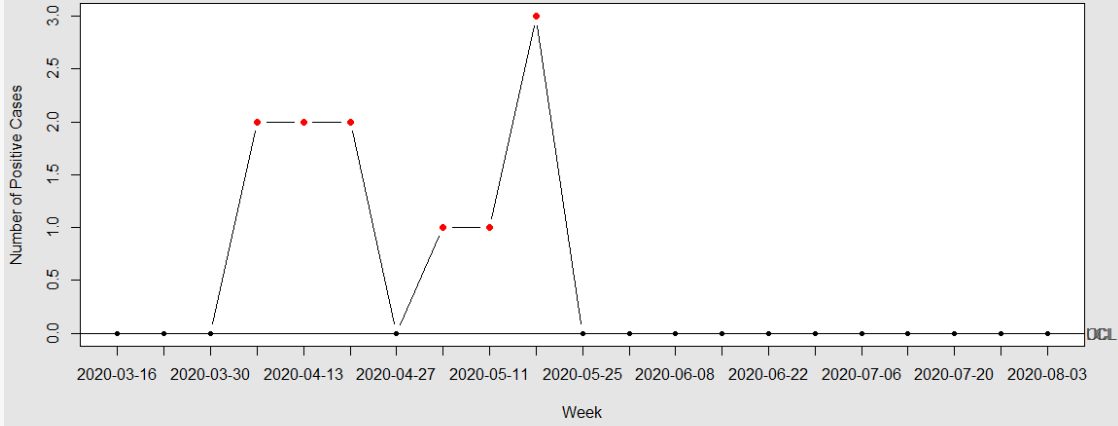
SPC Chart for P Chart for Positivity Rate in Nant-y-moel (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 19  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 3  
 Number violating runs = 0

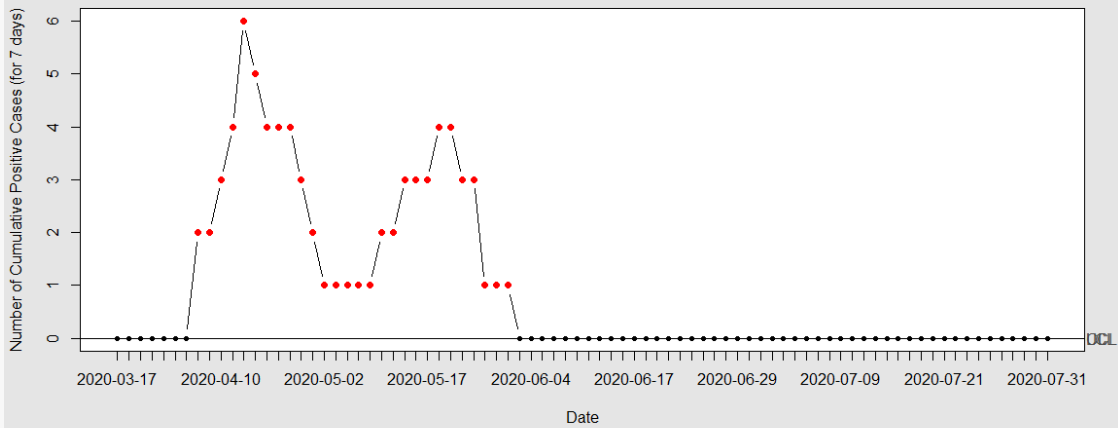
# Ogmore Vale

SPC Chart for Weekly Positive Cases in Ogmore Vale (99% CI calculated from 15/6 onwards, excluding Kepak)



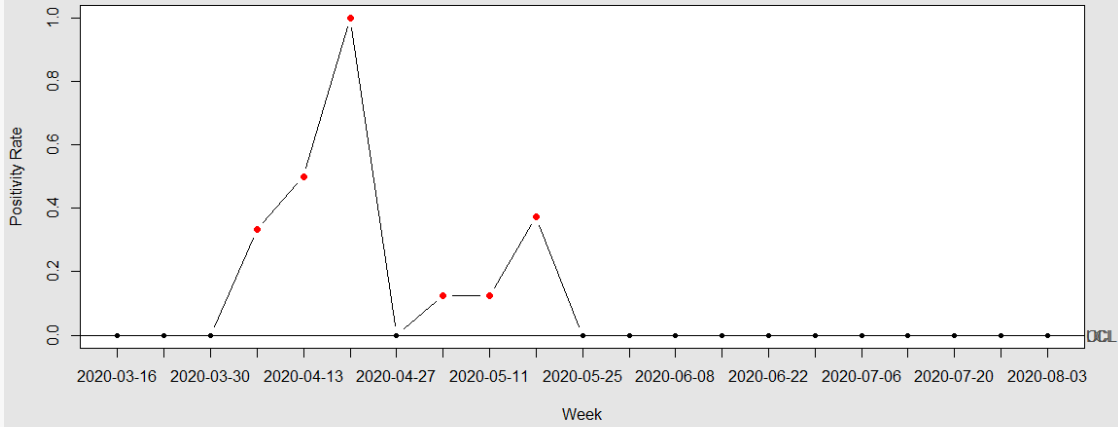
Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 6  
 Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Ogmore Vale (99% CI calculated from 15/6 onwards)



Number of groups = 82  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 28  
 Number violating runs = 22

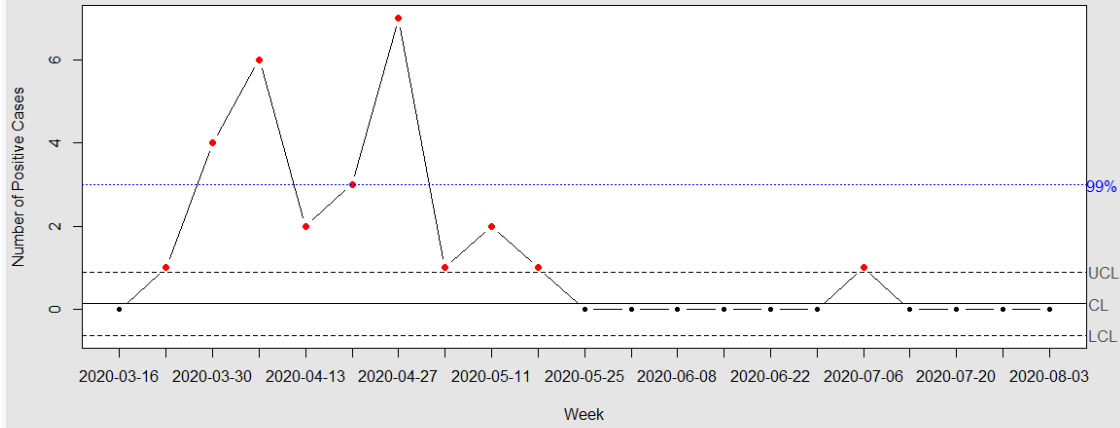
SPC Chart for P Chart for Positivity Rate in Ogmore Vale (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 6  
 Number violating runs = 0

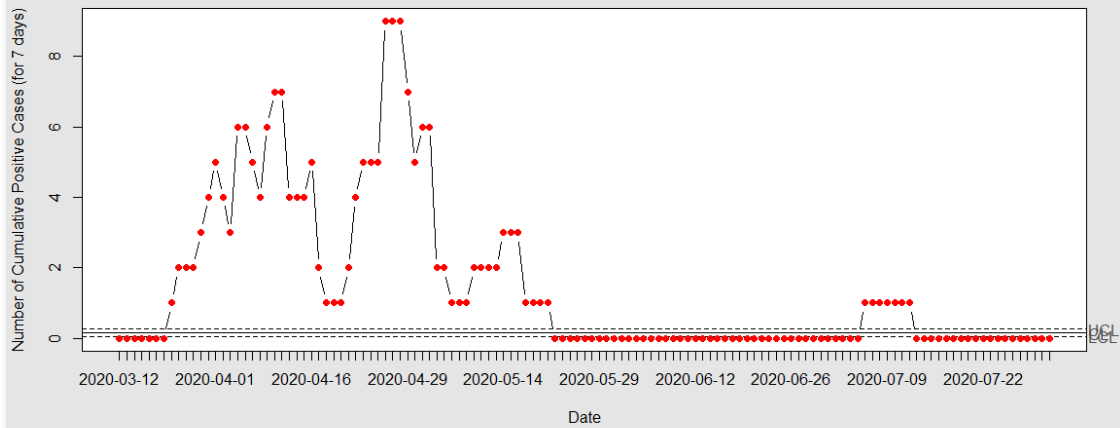
# Pencoed

SPC Chart for Weekly Positive Cases in Pencoed (99% CI calculated from 15/6 onwards, excluding Kepak)



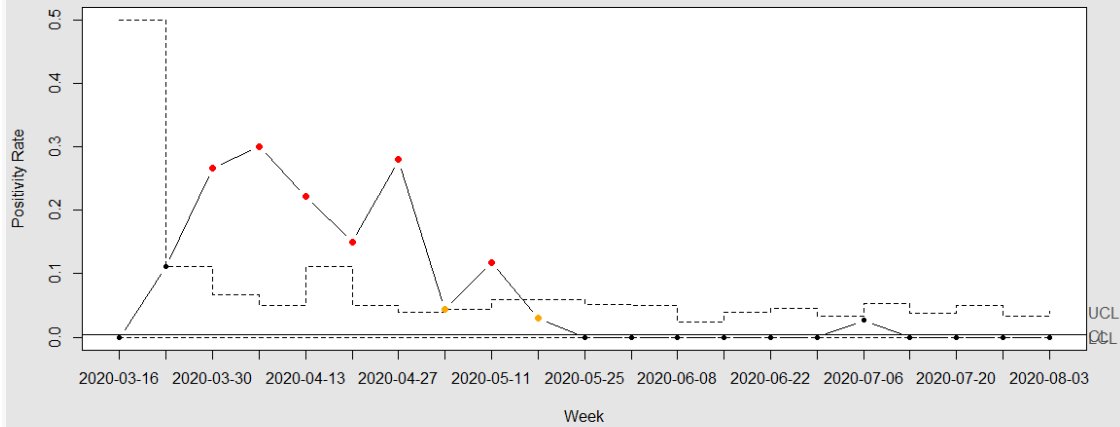
Number of groups = 21  
 Center = 0.1428571  
 StdDev = 0.2955083  
 LCL = -0.6183217  
 UCL = 0.904036  
 Number beyond limits = 11  
 Number violating runs = 3

SPC 7 day rolling Cumulative chart for Positive Cases in Pencoed (99% CI calculated from 15/6 onwards)



Number of groups = 127  
 Center = 0.1521739  
 StdDev = 0.0394011  
 LCL = 0.0506834  
 UCL = 0.2536644  
 Number beyond limits = 173  
 Number violating runs = 131

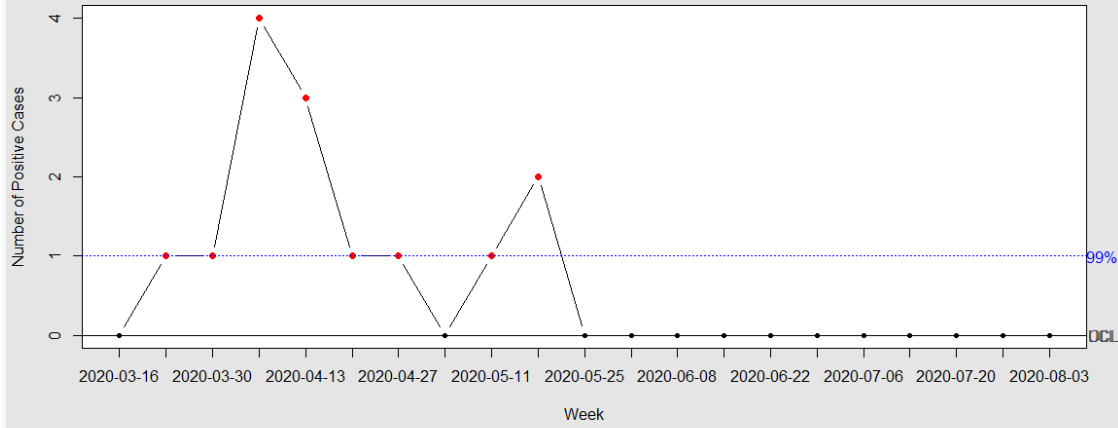
SPC Chart for P Chart for Positivity Rate in Pencoed (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 21  
 Center = 0.003472222  
 StdDev = 0.05882317  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 6  
 Number violating runs = 3

# Pontycymer

SPC Chart for Weekly Positive Cases in Pontycymer (99% CI calculated from 15/6 onwards, excluding Kepak)

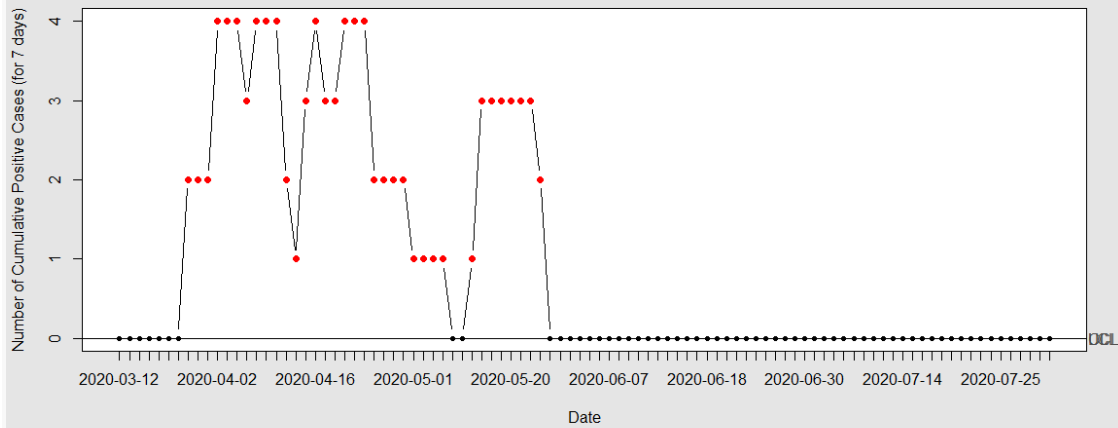


Number of groups = 21  
Center = 0  
StdDev = 0

LCL = 0  
UCL = 0

Number beyond limits = 8  
Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Pontycymer (99% CI calculated from 15/6 onwards)

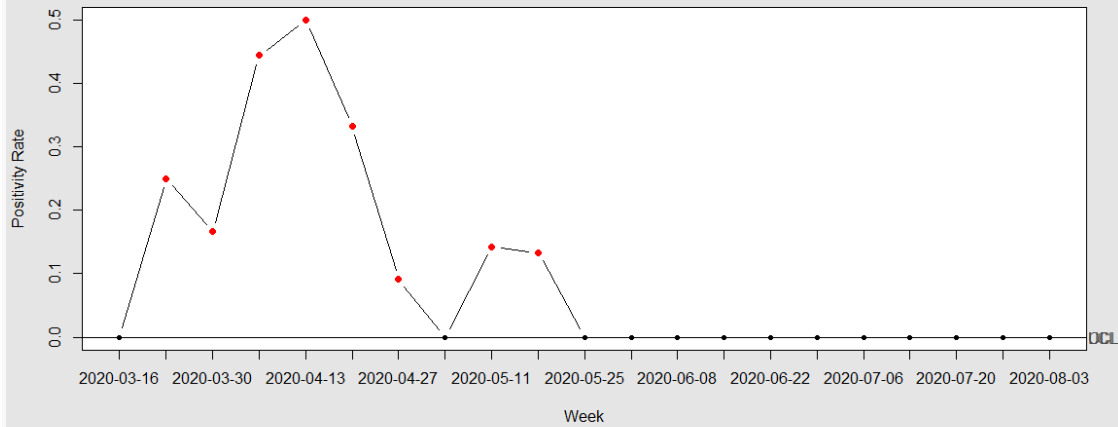


Number of groups = 96  
Center = 0  
StdDev = 0

LCL = 0  
UCL = 0

Number beyond limits = 35  
Number violating runs = 23

SPC Chart for P Chart for Positivity Rate in Pontycymer (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 21  
Center = 0  
StdDev = 0

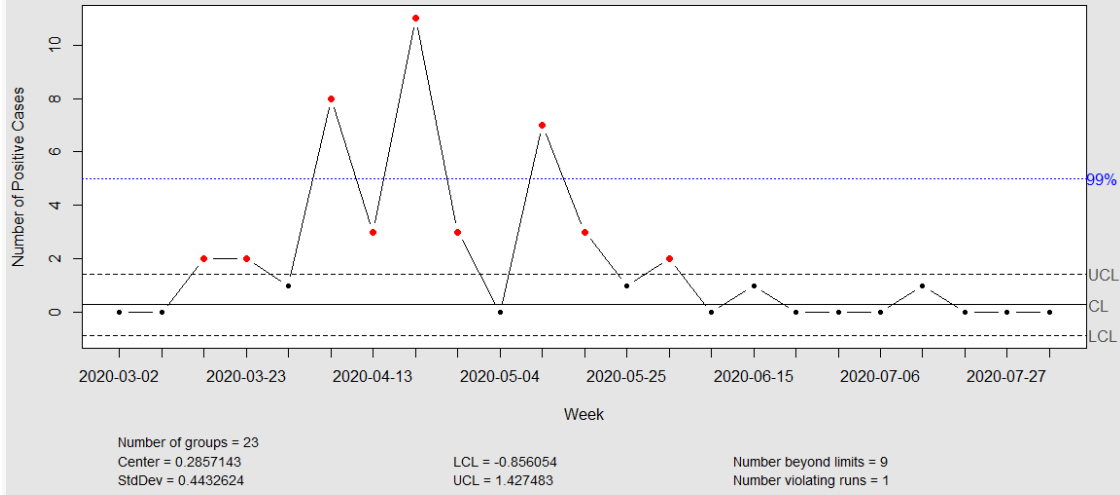
LCL = 0  
UCL = 0

Number beyond limits = 8  
Number violating runs = 0

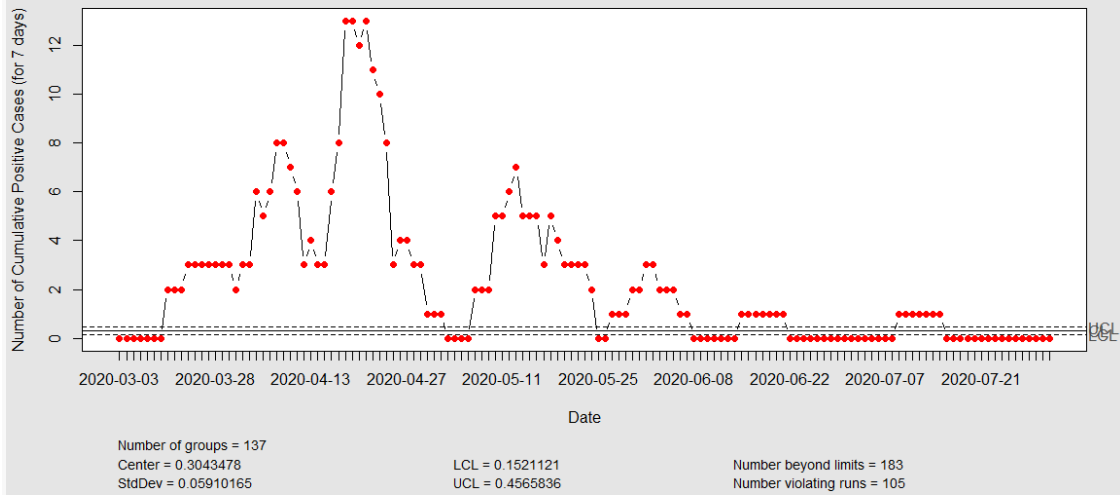


# Porthcawl

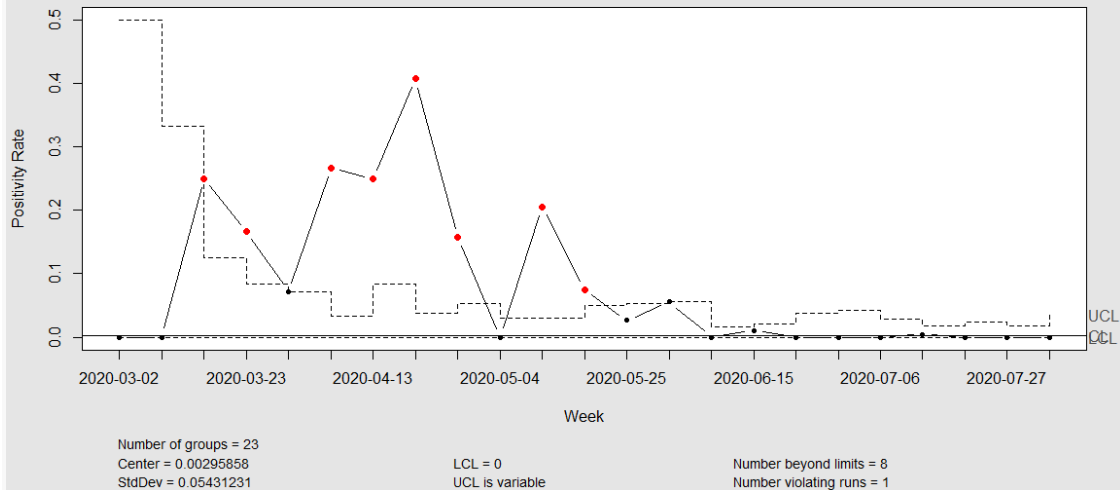
SPC Chart for Weekly Positive Cases in Porthcawl (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Porthcawl (99% CI calculated from 15/6 onwards)

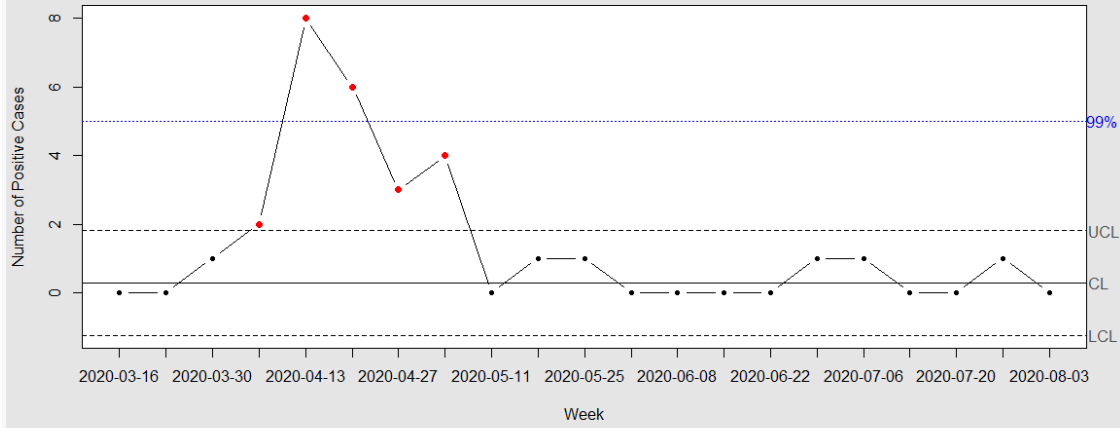


SPC Chart for P Chart for Positivity Rate in Porthcawl (99% CI calculated from 15/6 onwards, excluding Kepak)



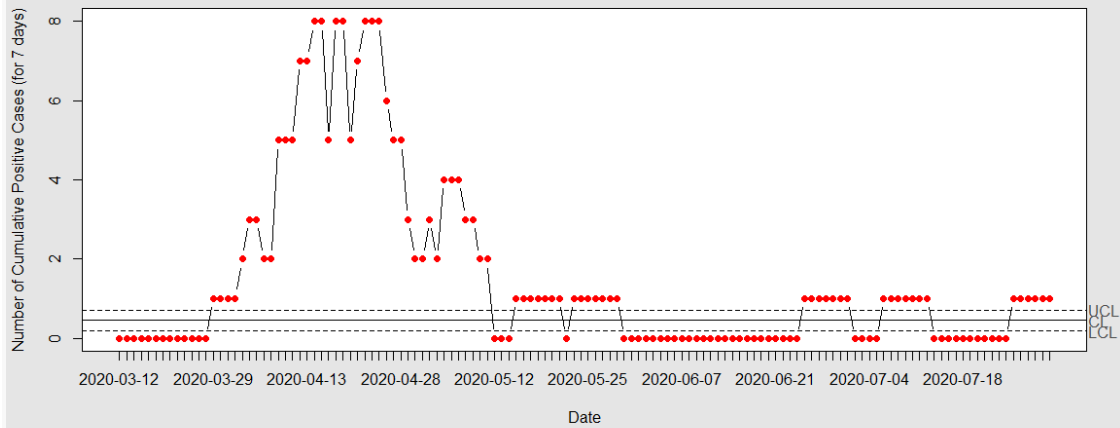
# Pyle

SPC Chart for Weekly Positive Cases in Pyle (99% CI calculated from 15/6 onwards, excluding Kepak)



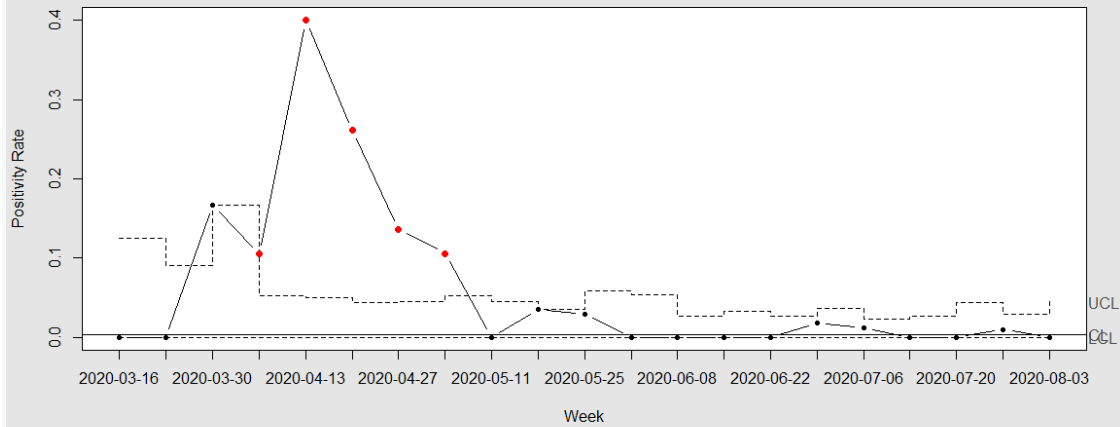
Number of groups = 21  
 Center = 0.2857143  
 StdDev = 0.5910165  
 LCL = -1.236643  
 UCL = 1.808072  
 Number beyond limits = 5  
 Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Pyle (99% CI calculated from 15/6 onwards)



Number of groups = 130  
 Center = 0.4444444  
 StdDev = 0.1007415  
 LCL = 0.1849516  
 UCL = 0.7039372  
 Number beyond limits = 175  
 Number violating runs = 79

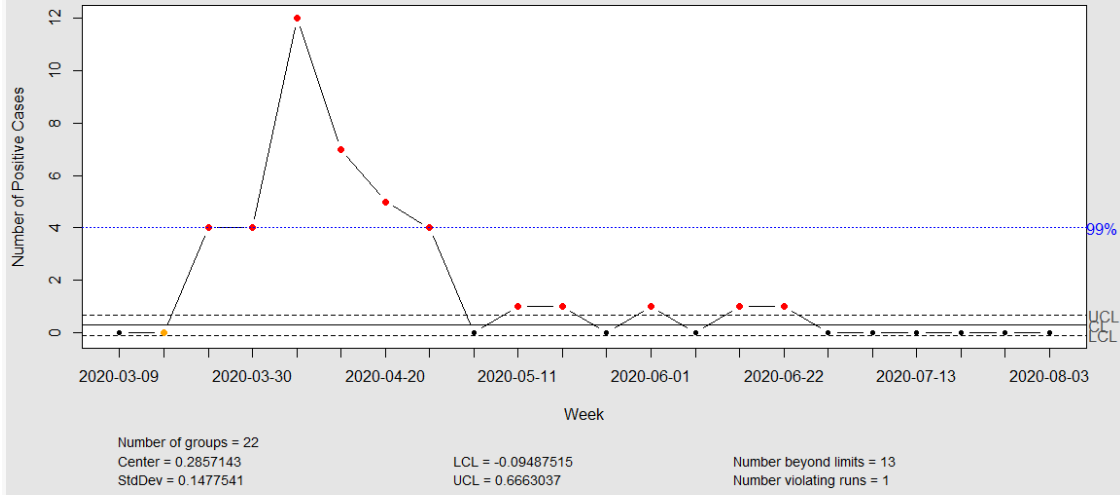
SPC Chart for P Chart for Positivity Rate in Pyle (99% CI calculated from 15/6 onwards, excluding Kepak)



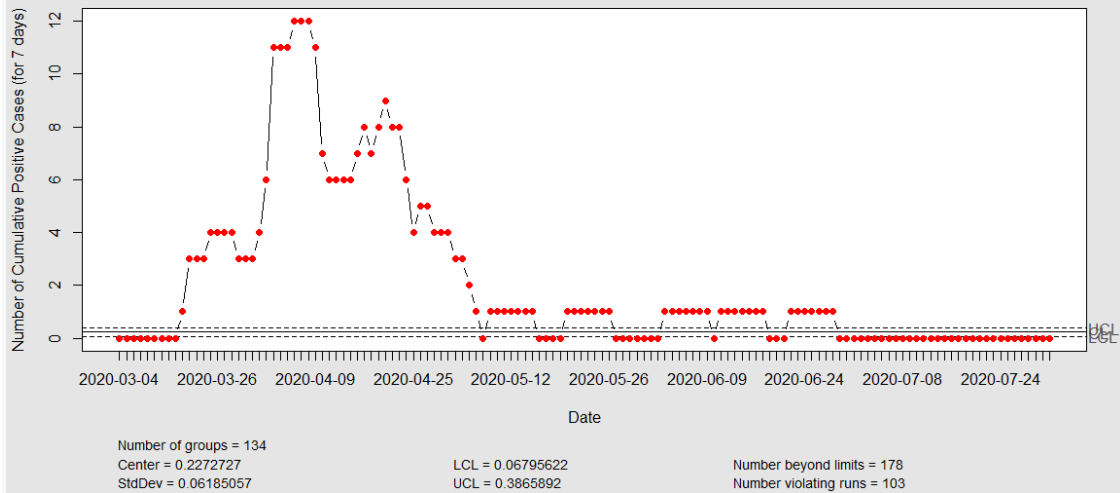
Number of groups = 21  
 Center = 0.003533569  
 StdDev = 0.05933871  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 5  
 Number violating runs = 0

# Sarn

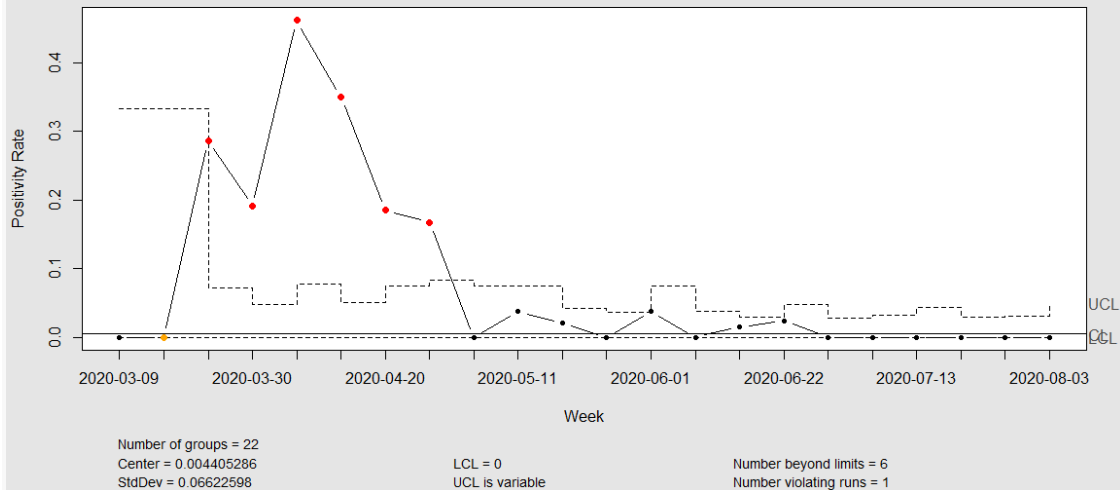
SPC Chart for Weekly Positive Cases in Sarn (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Sarn (99% CI calculated from 15/6 onwards)

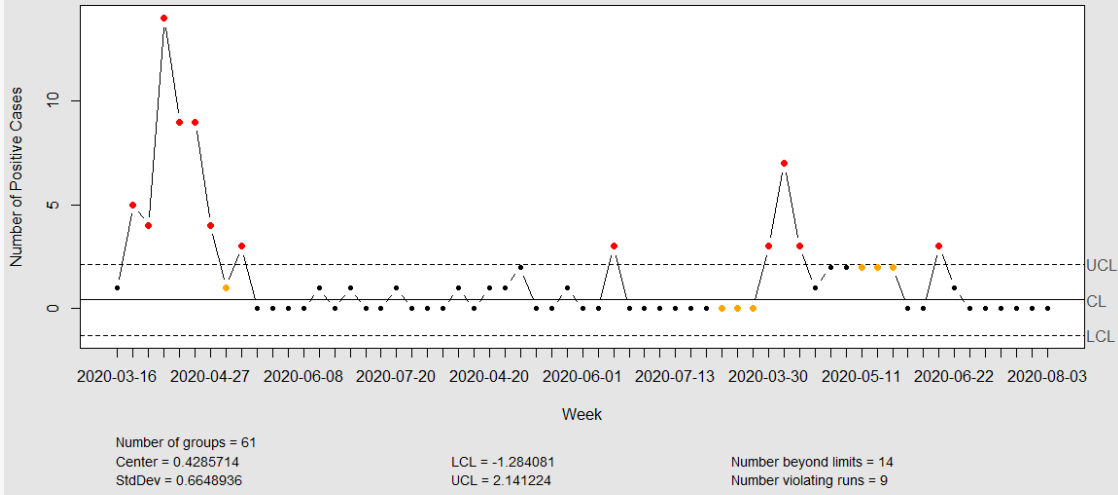


SPC Chart for P Chart for Positivity Rate in Sarn (99% CI calculated from 15/6 onwards, excluding Kepak)

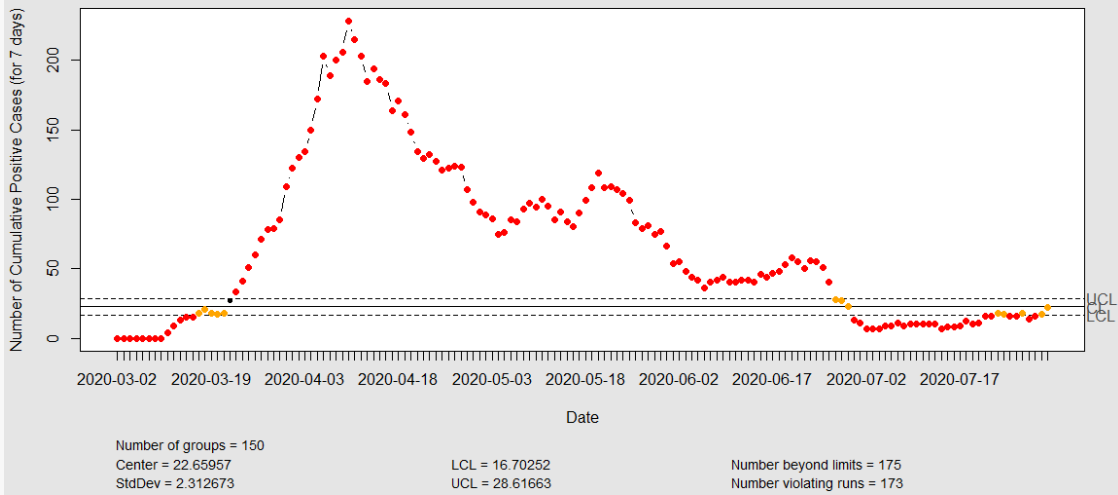


# Small

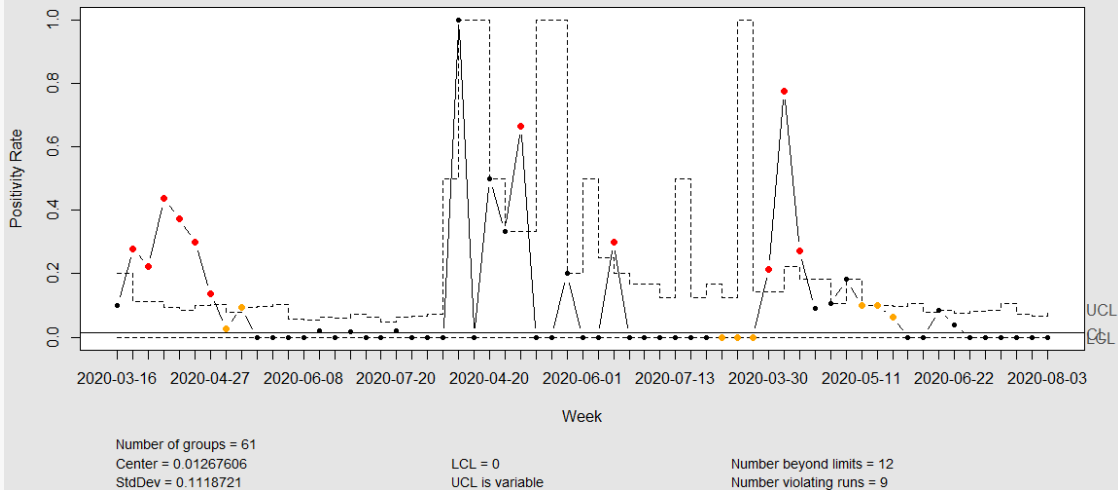
SPC Chart for Weekly Positive Cases in Small (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Small (99% CI calculated from 15/6 onwards)



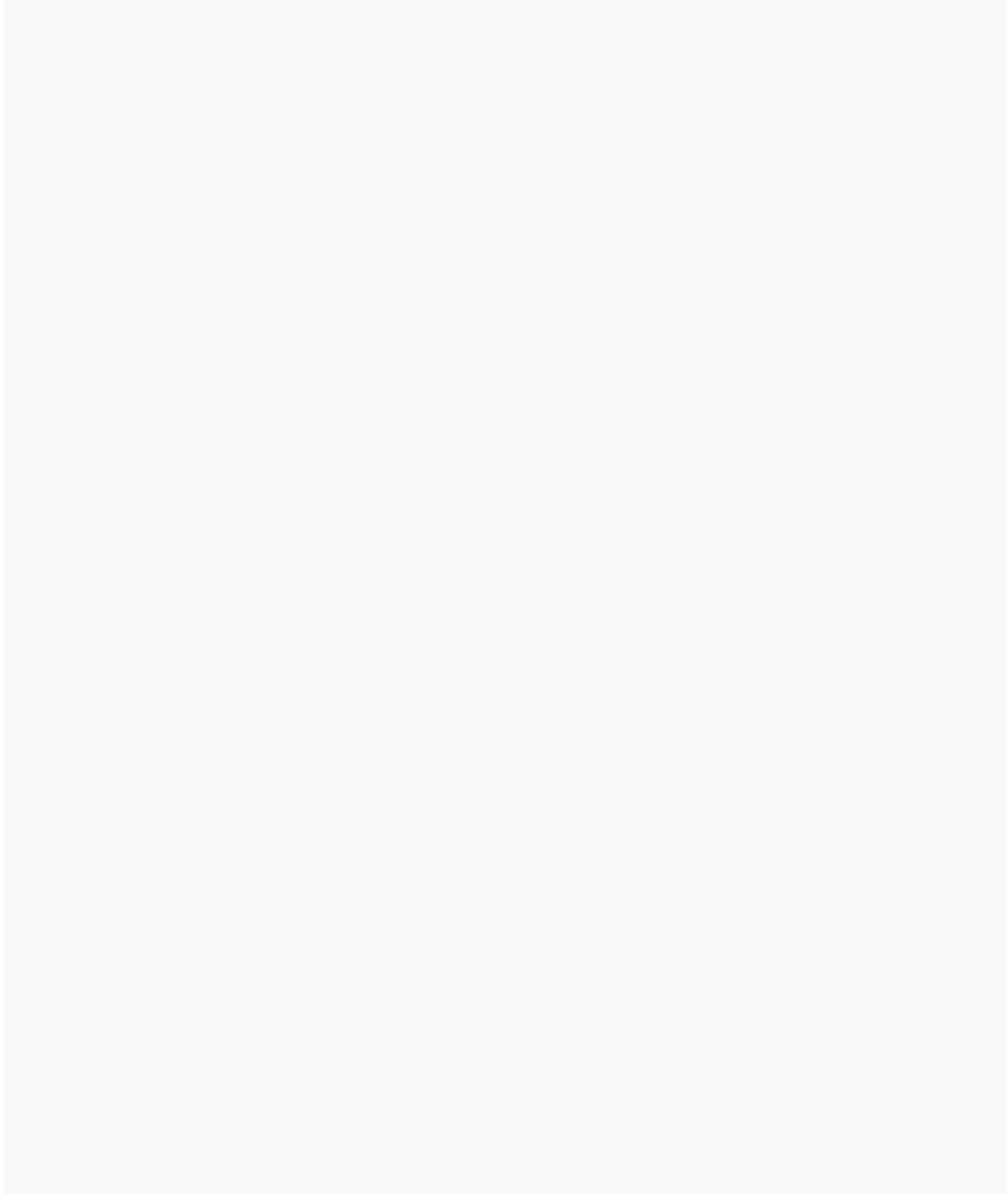
SPC Chart for P Chart for Positivity Rate in Small (99% CI calculated from 15/6 onwards, excluding Kepak)





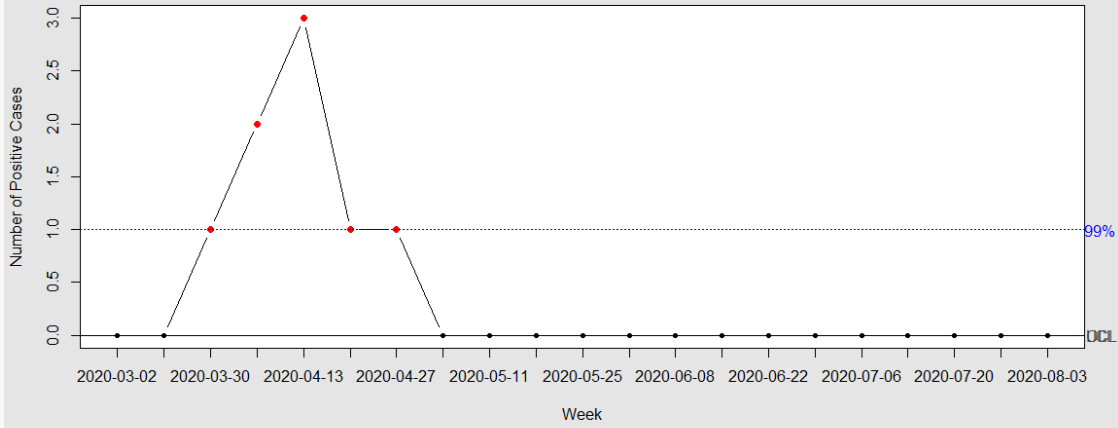
## Merthyr Tydfil BUA's:

The following charts are for each Built Up Area in Merthyr Tydfil, with the Number of Positive cases, Positivity Rate and 7-day rolling positive cases being monitored:



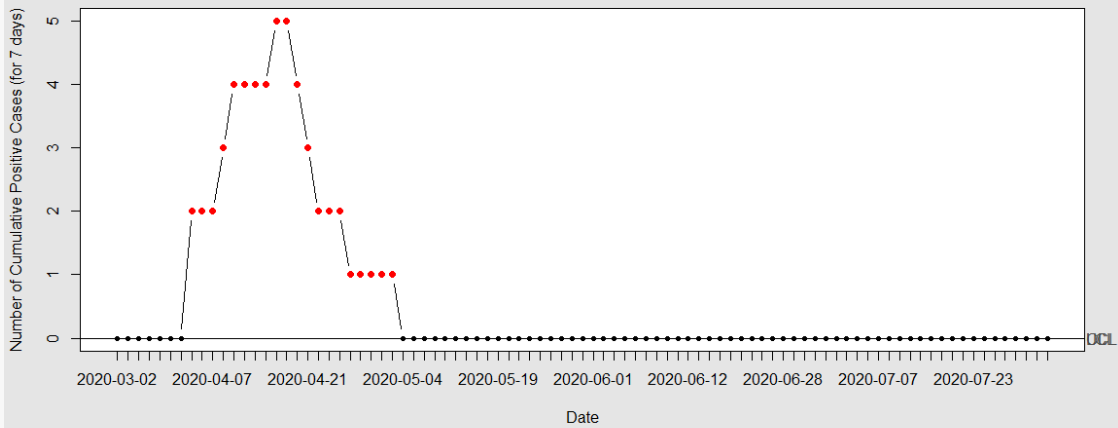
# Aberfan

SPC Chart for Weekly Positive Cases in Aberfan (99% CI calculated from 15/6 onwards, excluding Kepak)



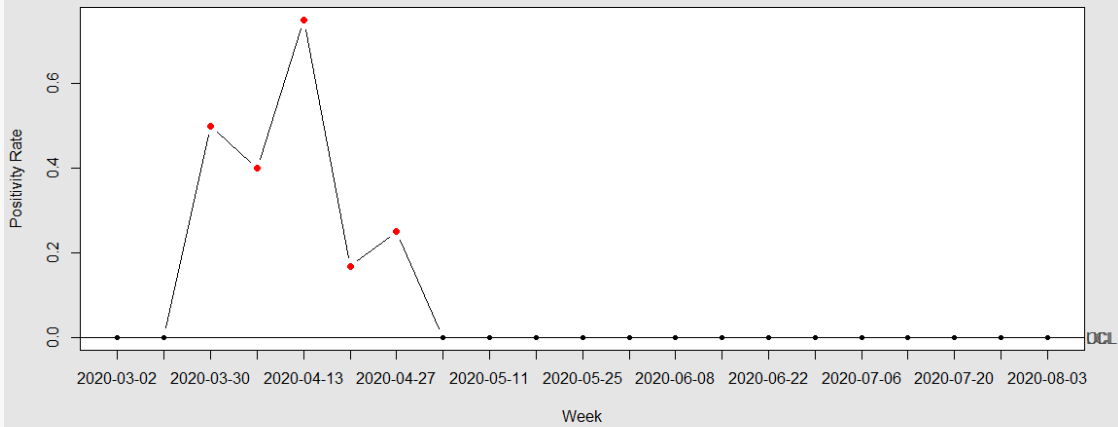
Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 5  
 Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Aberfan (99% CI calculated from 15/6 onwards)



Number of groups = 89  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 20  
 Number violating runs = 14

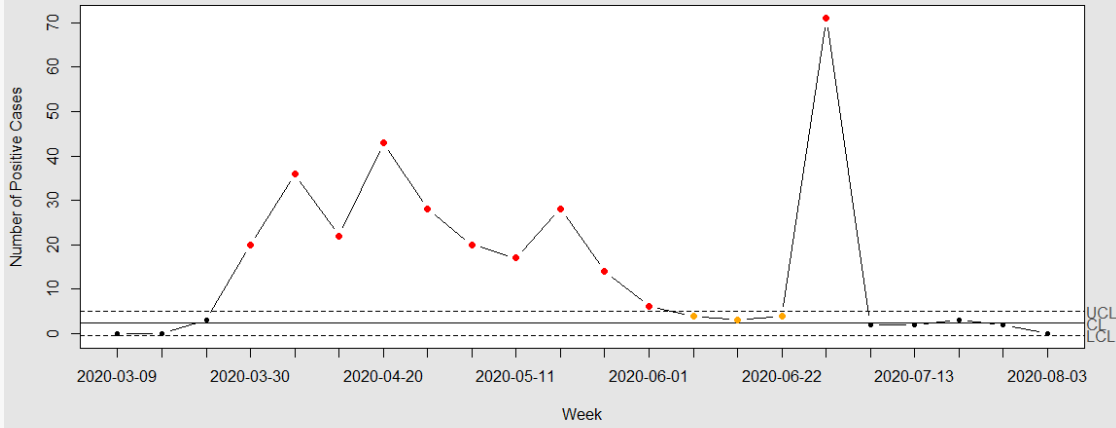
SPC Chart for P Chart for Positivity Rate in Aberfan (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 5  
 Number violating runs = 0

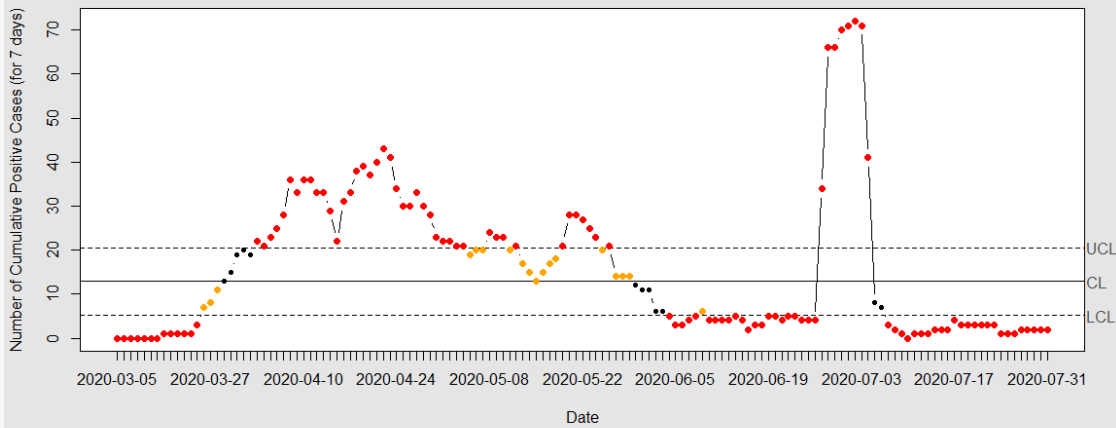
# Merthyr Tydfil

SPC Chart for Weekly Positive Cases in Merthyr Tydfil (99% CI calculated from 15/6 onwards, excluding Kepak)



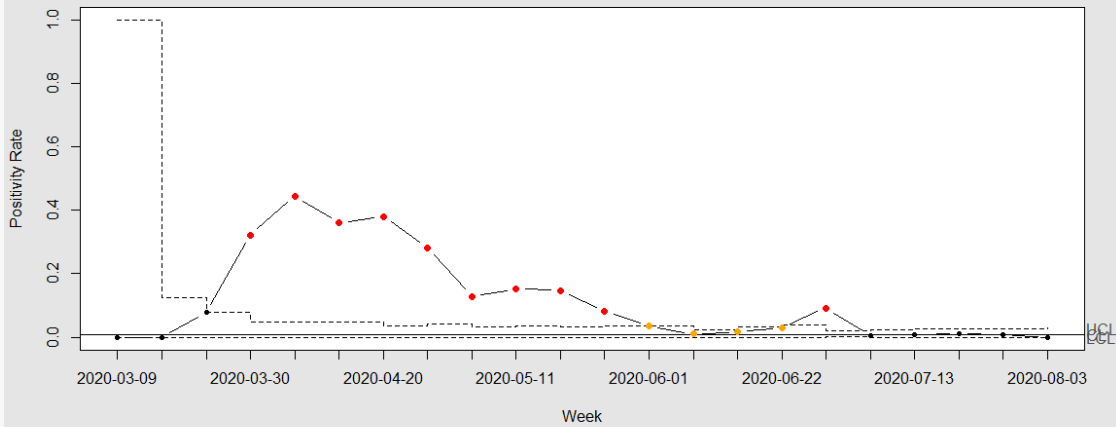
Number of groups = 22  
 Center = 2.285714  
 StdDev = 1.034279  
 LCL = -0.3784118  
 UCL = 4.94984  
 Number beyond limits = 11  
 Number violating runs = 9

SPC 7 day rolling Cumulative chart for Positive Cases in Merthyr Tydfil (99% CI calculated from 15/6 onwards)



Number of groups = 141  
 Center = 12.85106  
 StdDev = 3.006475  
 LCL = 5.106896  
 UCL = 20.59523  
 Number beyond limits = 156  
 Number violating runs = 146

SPC Chart for P Chart for Positivity Rate in Merthyr Tydfil (99% CI calculated from 15/6 onwards, excluding Kepak)

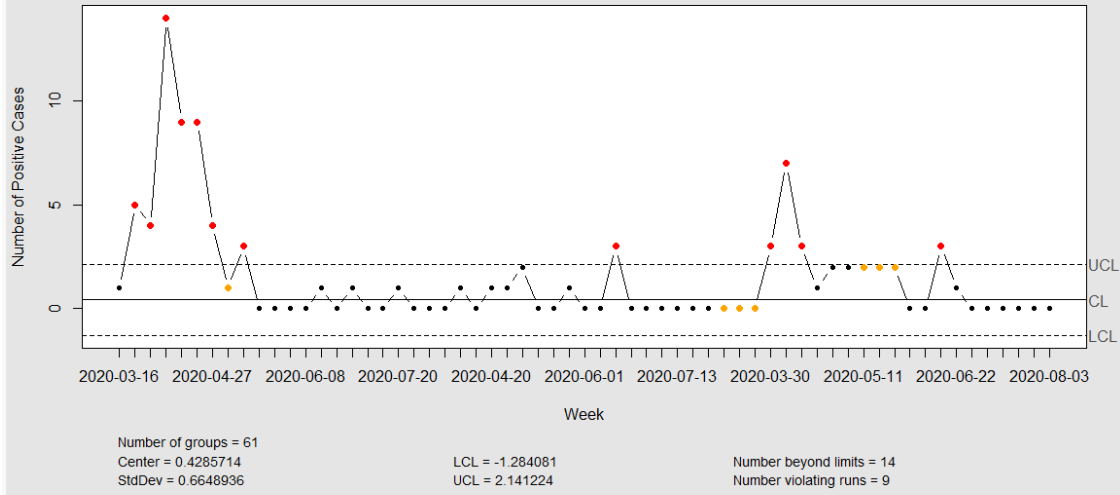


Number of groups = 22  
 Center = 0.009264621  
 StdDev = 0.09580599  
 LCL is variable  
 UCL is variable  
 Number beyond limits = 10  
 Number violating runs = 9

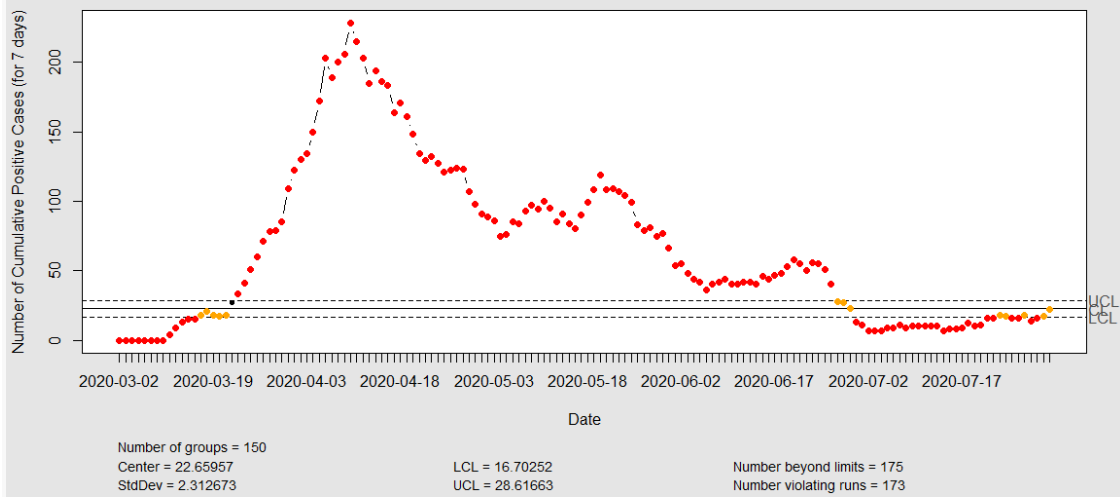


# Small

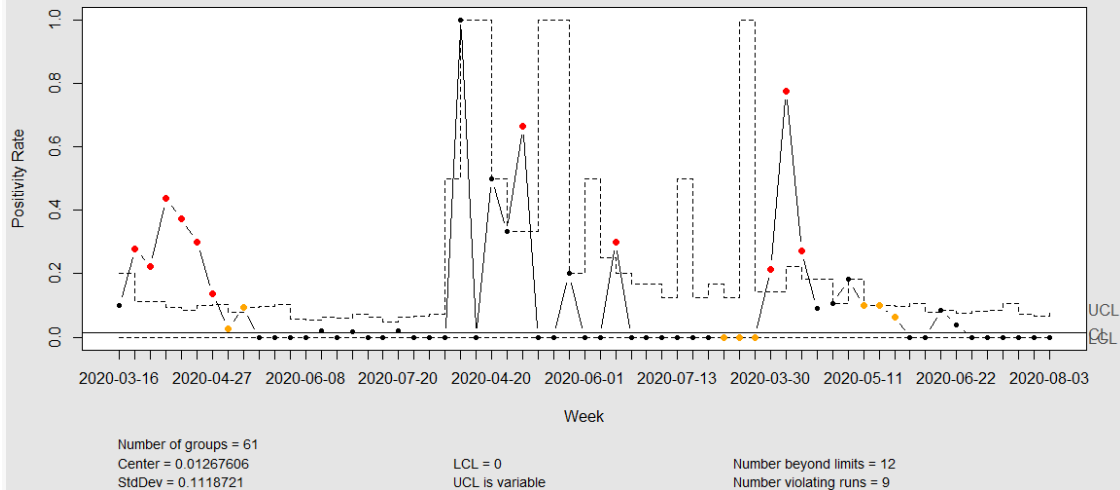
SPC Chart for Weekly Positive Cases in Small (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Small (99% CI calculated from 15/6 onwards)

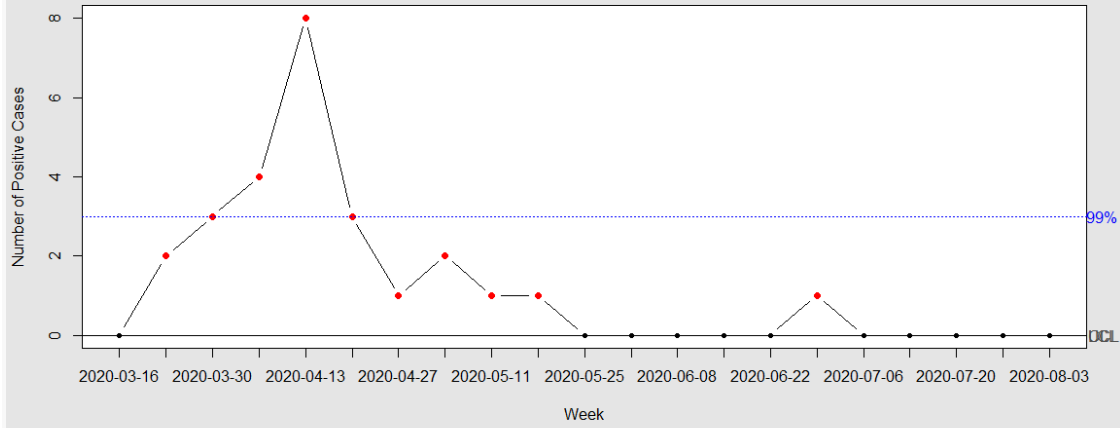


SPC Chart for P Chart for Positivity Rate in Small (99% CI calculated from 15/6 onwards, excluding Kepak)



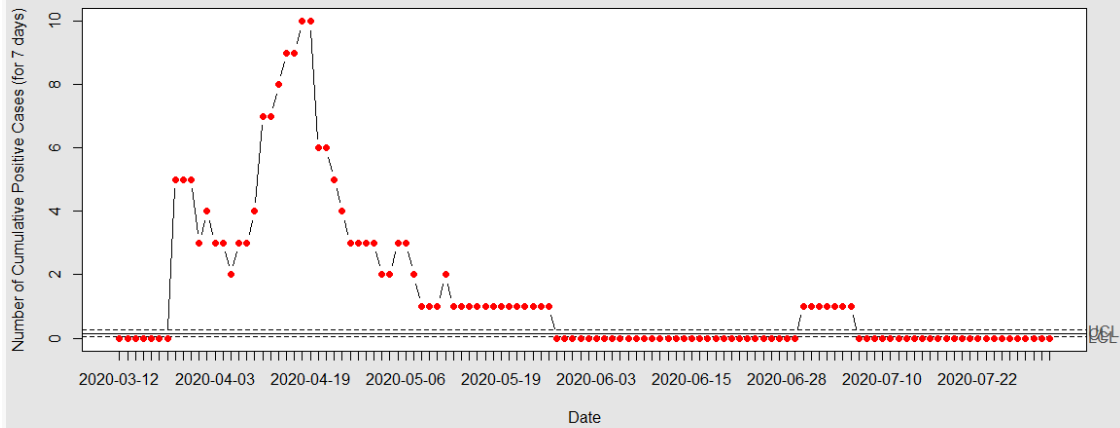
# Treharris

SPC Chart for Weekly Positive Cases in Treharris (99% CI calculated from 15/6 onwards, excluding Kepak)



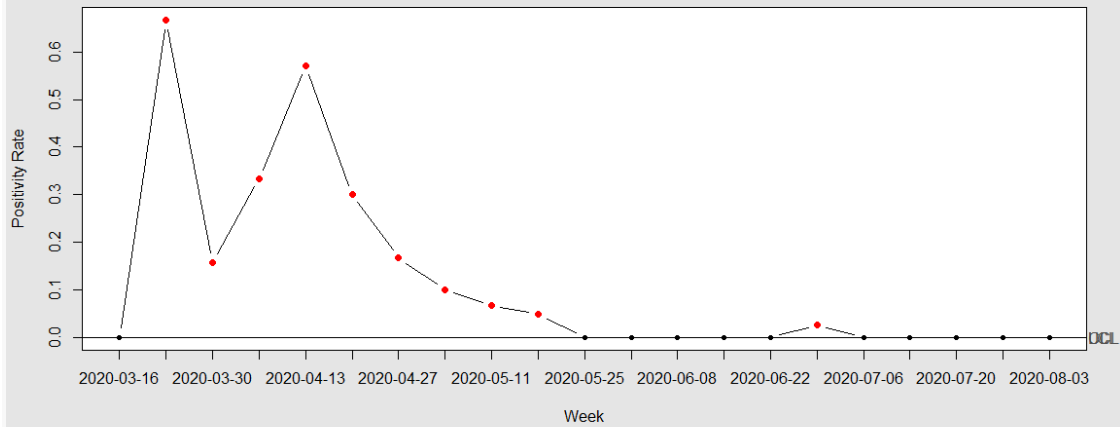
Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 10  
 Number violating runs = 3

SPC 7 day rolling Cumulative chart for Positive Cases in Treharris (99% CI calculated from 15/6 onwards)



Number of groups = 118  
 Center = 0.1521739  
 StdDev = 0.0394011  
 LCL = 0.0506834  
 UCL = 0.2536644  
 Number beyond limits = 164  
 Number violating runs = 122

SPC Chart for P Chart for Positivity Rate in Treharris (99% CI calculated from 15/6 onwards, excluding Kepak)

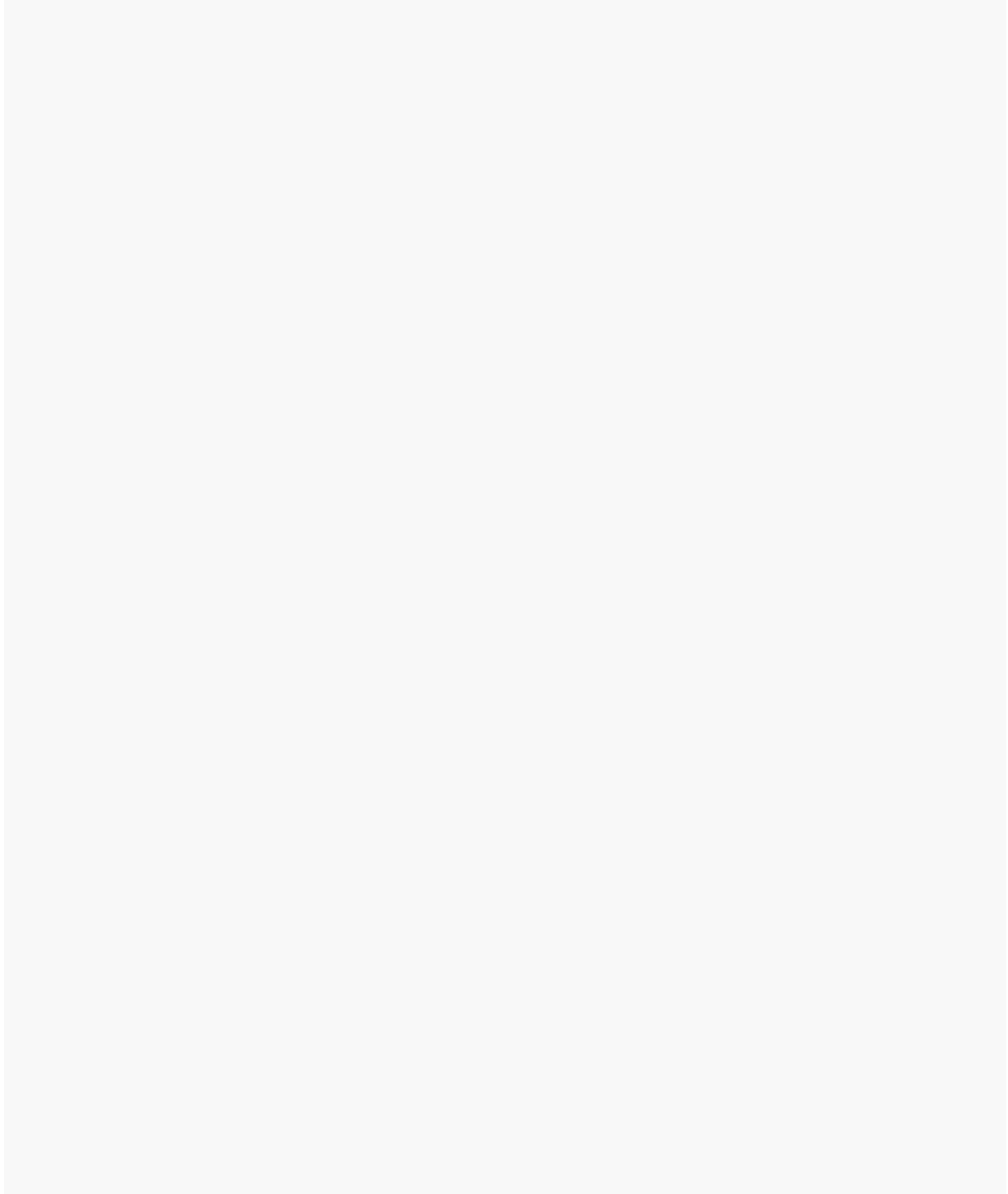


Number of groups = 21  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 10  
 Number violating runs = 3



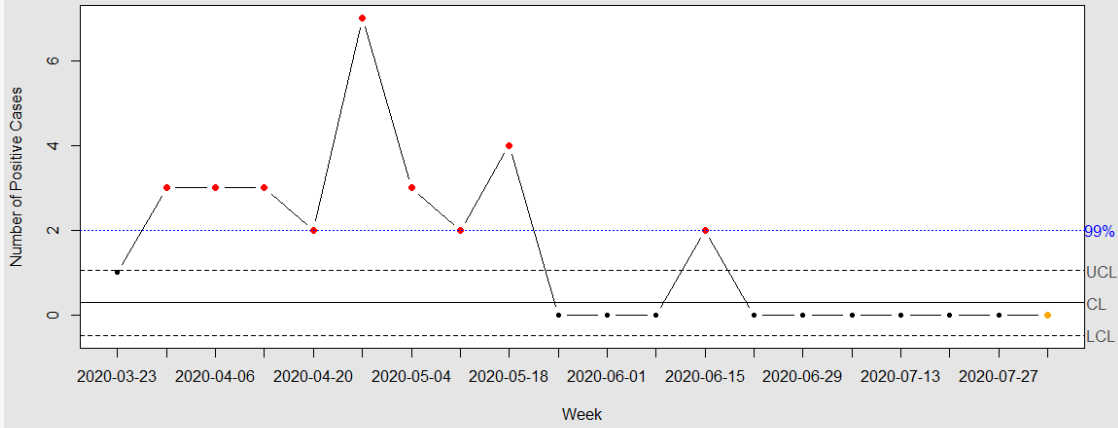
## Rhondda Cynon Taf BUA's:

The following charts are for each Built Up Area in Rhondda Cynon Taf, Number of Positive cases, Positivity Rate and 7-day rolling positive cases being monitored:

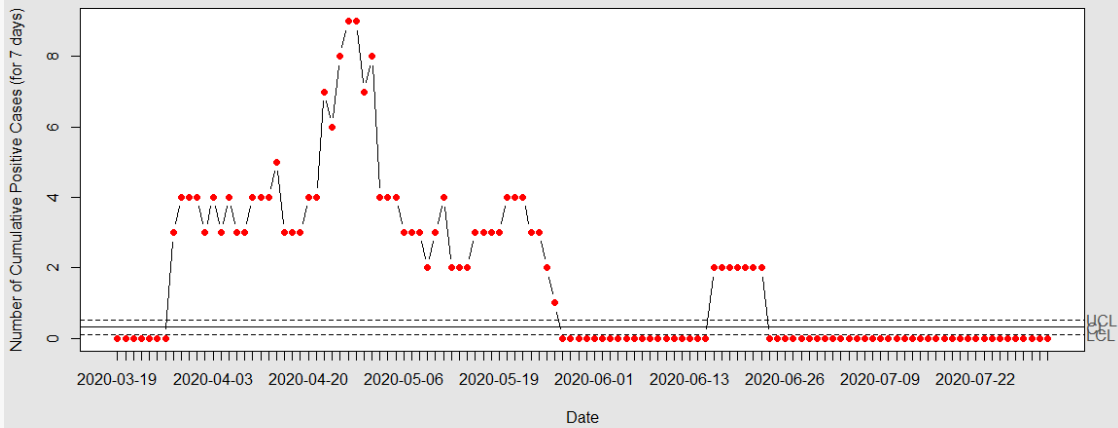


# Abercynon

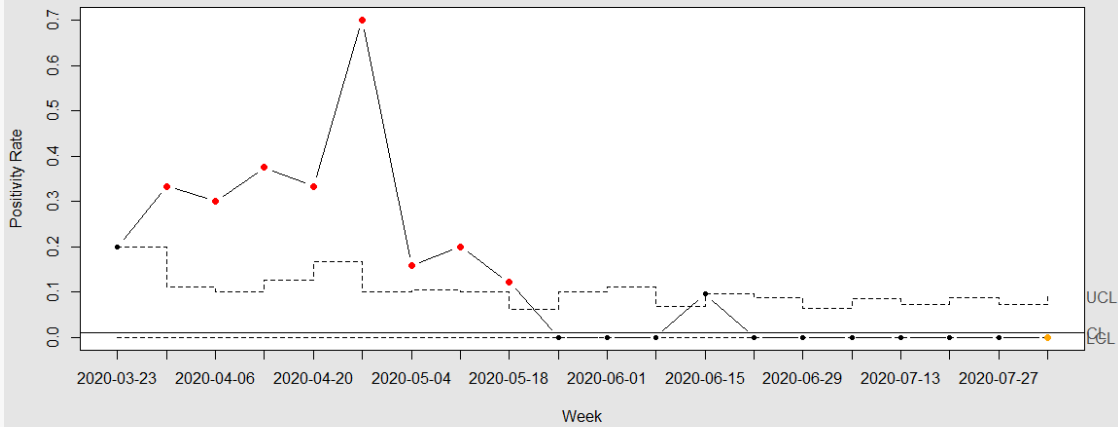
SPC Chart for Weekly Positive Cases in Abercynon (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Abercynon (99% CI calculated from 15/6 onwards)

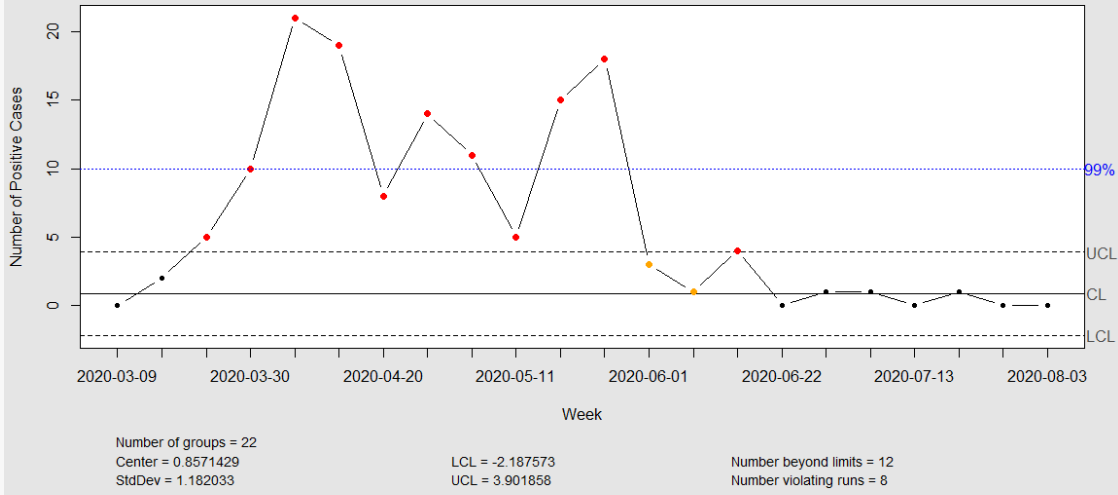


SPC Chart for P Chart for Positivity Rate in Abercynon (99% CI calculated from 15/6 onwards, excluding Kepak)

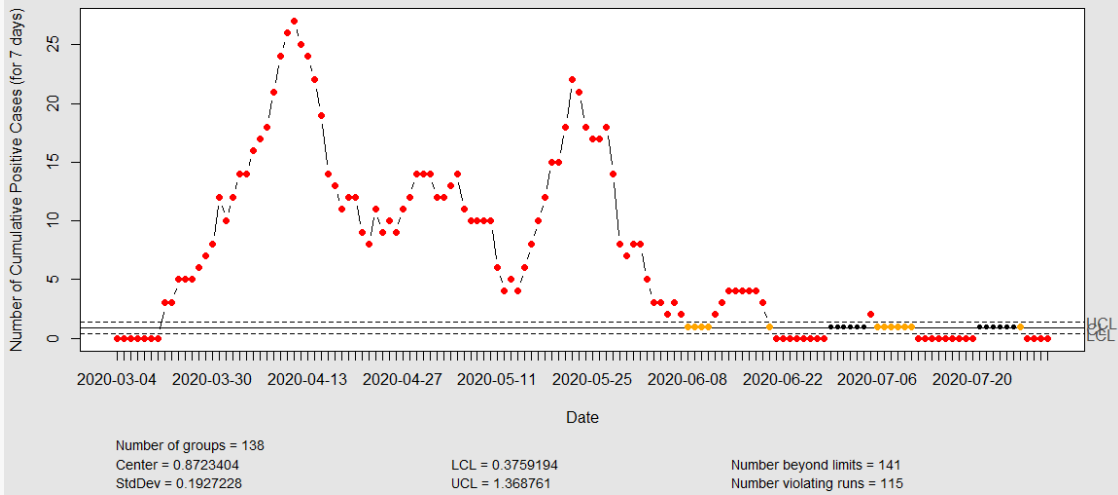


# Aberdare

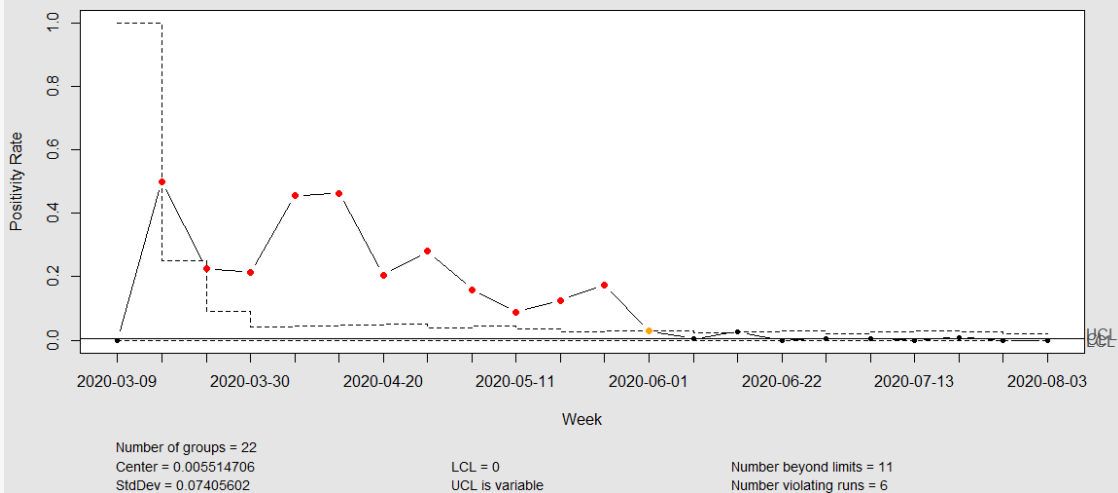
SPC Chart for Weekly Positive Cases in Aberdare (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Aberdare (99% CI calculated from 15/6 onwards)

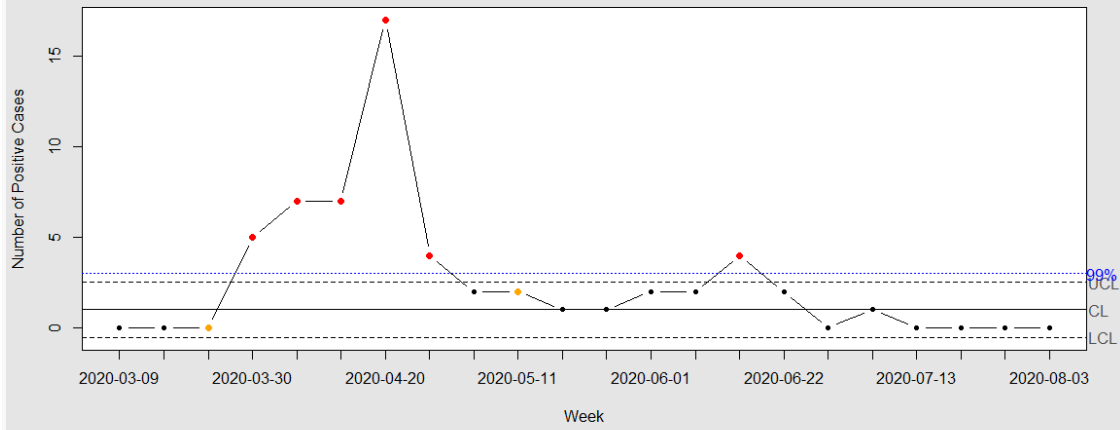


SPC Chart for P Chart for Positivity Rate in Aberdare (99% CI calculated from 15/6 onwards, excluding Kepak)

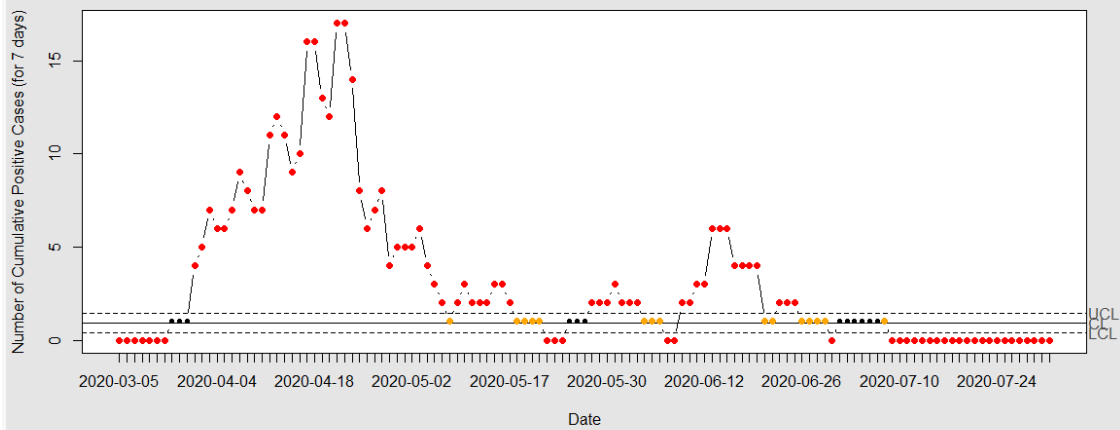


# Beddau

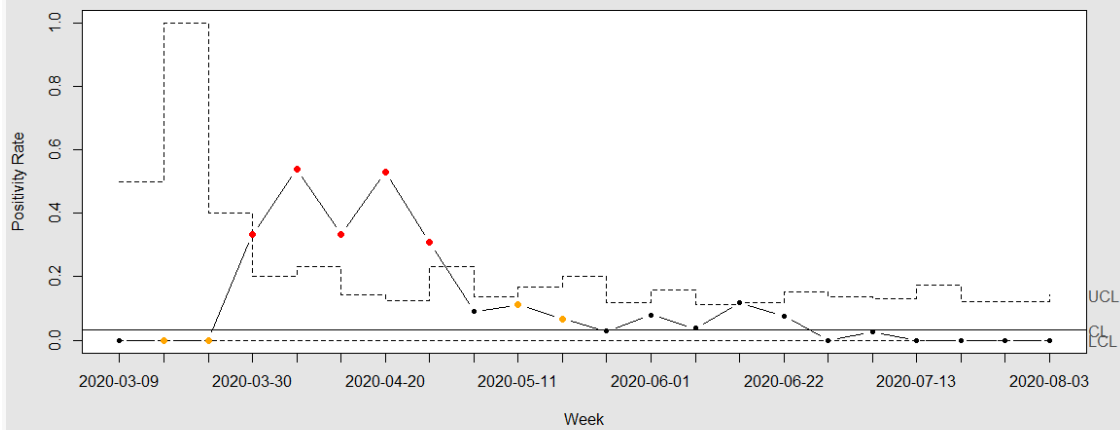
SPC Chart for Weekly Positive Cases in Beddau (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Beddau (99% CI calculated from 15/6 onwards)

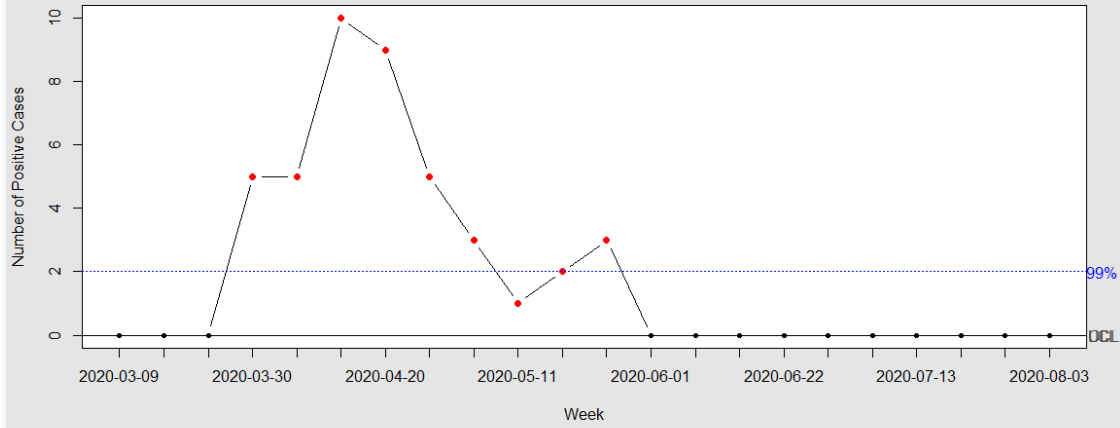


SPC Chart for P Chart for Positivity Rate in Beddau (99% CI calculated from 15/6 onwards, excluding Kepak)



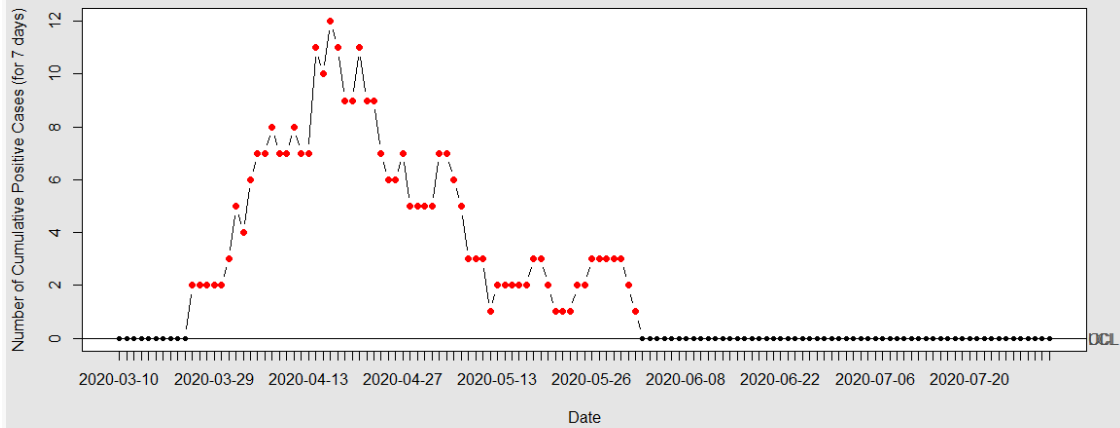
# Brynna

SPC Chart for Weekly Positive Cases in Brynna (99% CI calculated from 15/6 onwards, excluding Kepak)



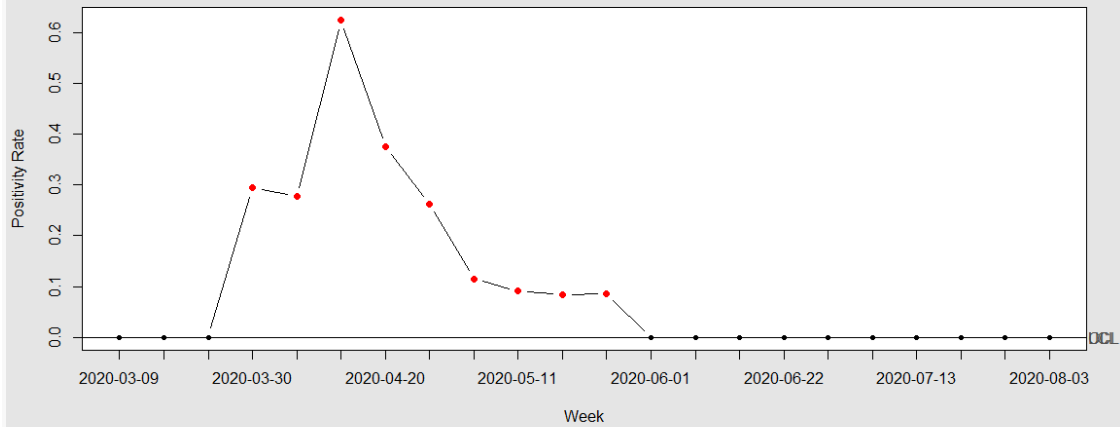
Number of groups = 22  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 9  
 Number violating runs = 3

SPC 7 day rolling Cumulative chart for Positive Cases in Brynna (99% CI calculated from 15/6 onwards)



Number of groups = 129  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 62  
 Number violating runs = 56

SPC Chart for P Chart for Positivity Rate in Brynna (99% CI calculated from 15/6 onwards, excluding Kepak)

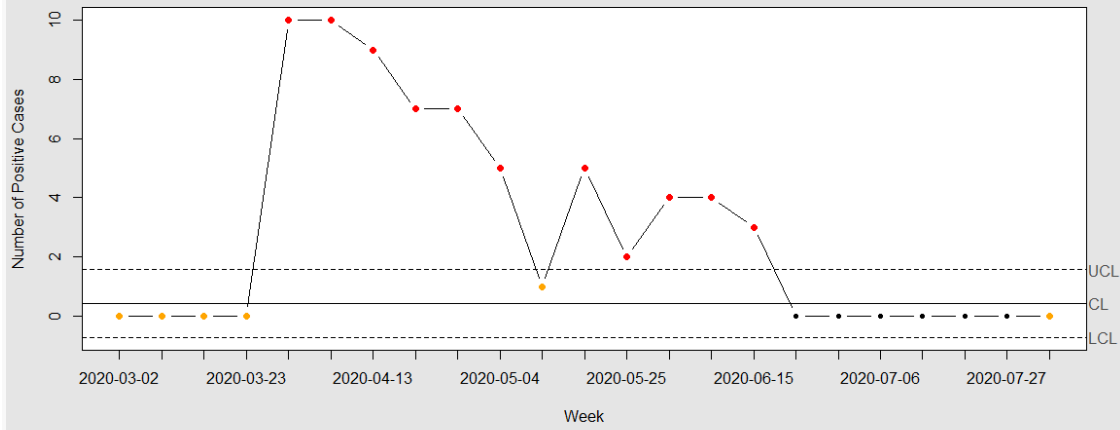


Number of groups = 22  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 9  
 Number violating runs = 3



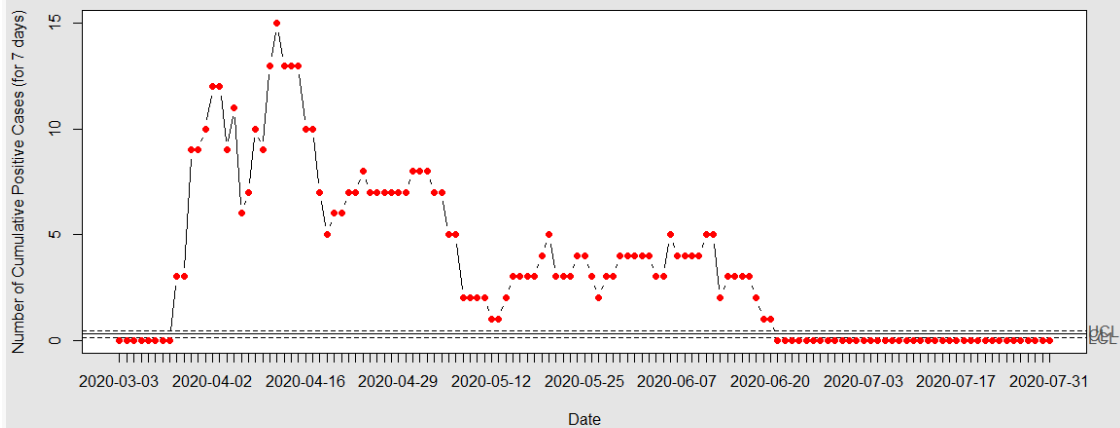
# Church Village

SPC Chart for Weekly Positive Cases in Church Village (99% CI calculated from 15/6 onwards, excluding Kepak)



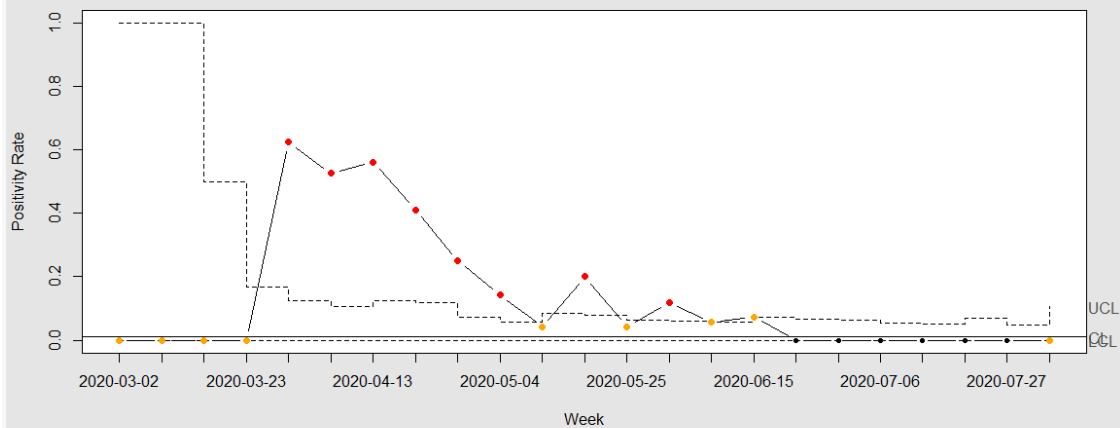
Number of groups = 23  
 Center = 0.4285714  
 StdDev = 0.4432624  
 LCL = -0.7131969  
 UCL = 1.57034  
 Number beyond limits = 12  
 Number violating runs = 11

SPC 7 day rolling Cumulative chart for Positive Cases in Church Village (99% CI calculated from 15/6 onwards)



Number of groups = 131  
 Center = 0.2888889  
 StdDev = 0.06044487  
 LCL = 0.1331932  
 UCL = 0.4445846  
 Number beyond limits = 176  
 Number violating runs = 152

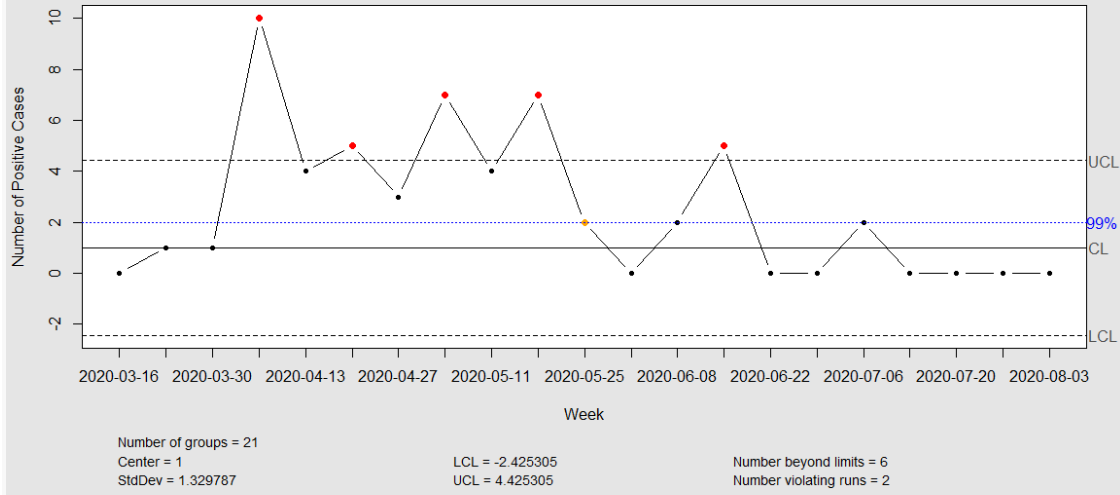
SPC Chart for P Chart for Positivity Rate in Church Village (99% CI calculated from 15/6 onwards, excluding Kepak)



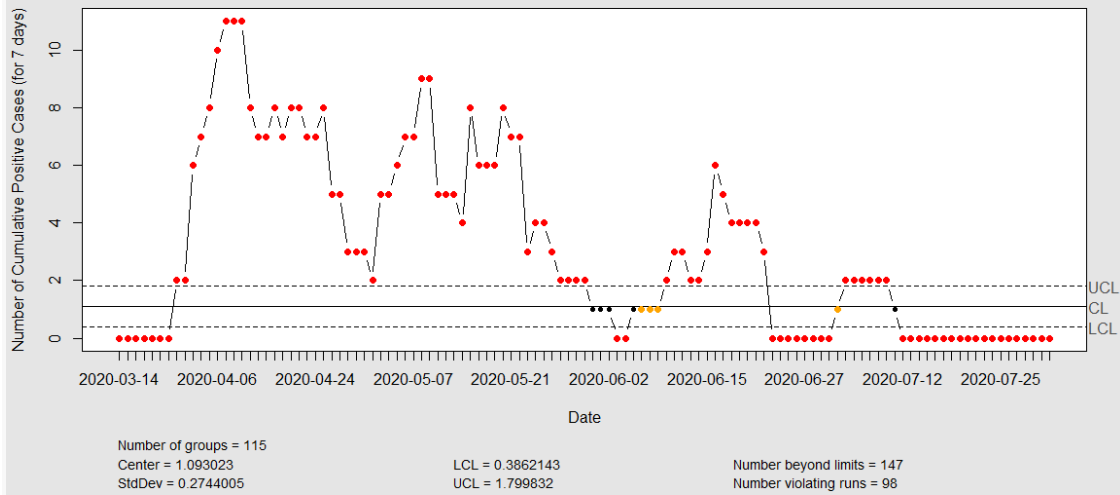
Number of groups = 23  
 Center = 0.009646302  
 StdDev = 0.09774073  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 8  
 Number violating runs = 11

# Ferndale

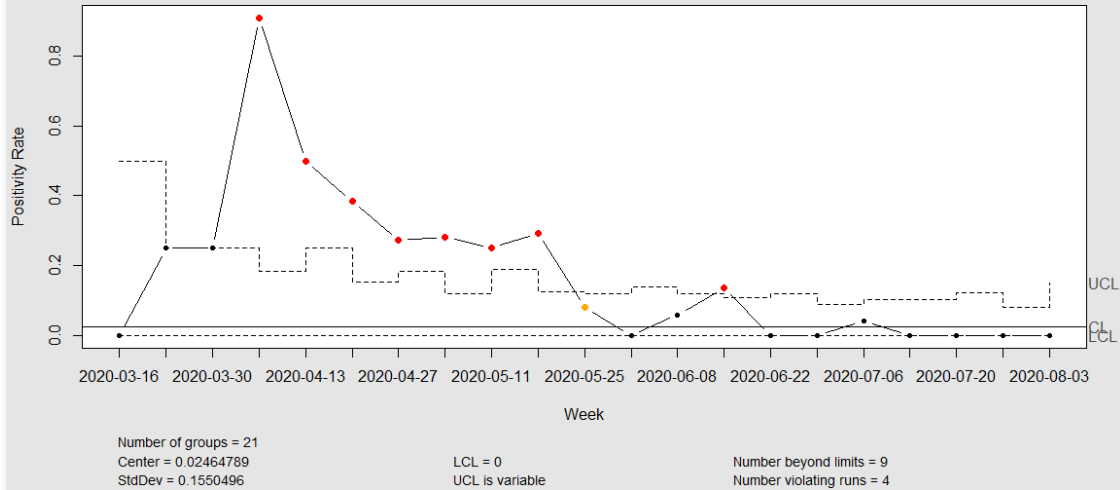
SPC Chart for Weekly Positive Cases in Ferndale (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Ferndale (99% CI calculated from 15/6 onwards)

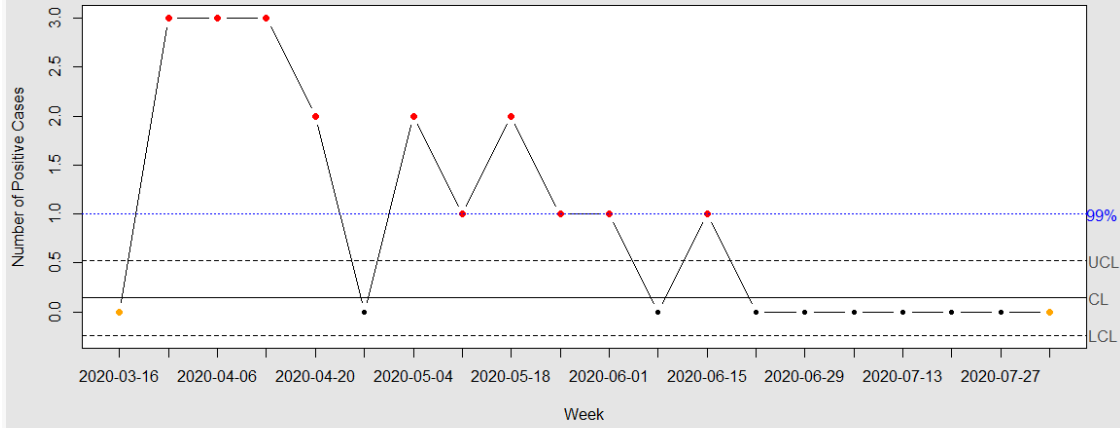


SPC Chart for P Chart for Positivity Rate in Ferndale (99% CI calculated from 15/6 onwards, excluding Kepak)



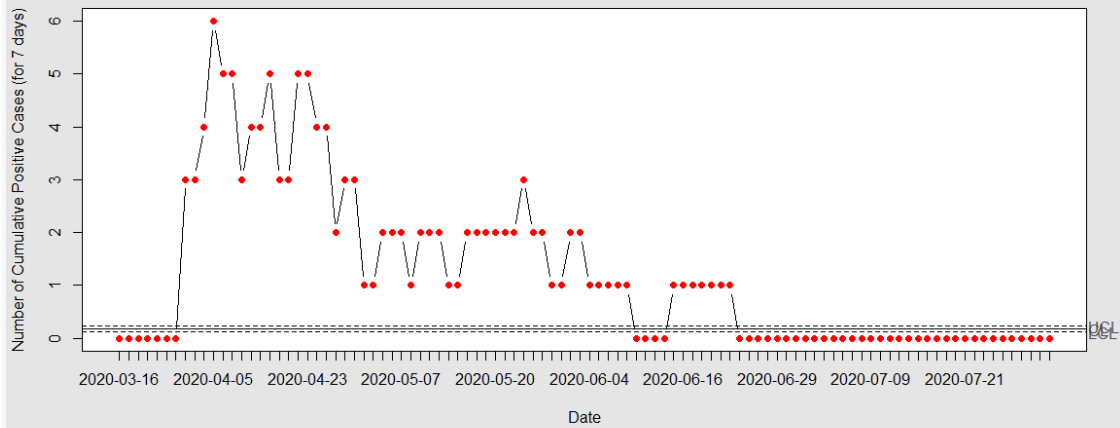
# Glyncoch

SPC Chart for Weekly Positive Cases in Glyncoch (99% CI calculated from 15/6 onwards, excluding Kepak)



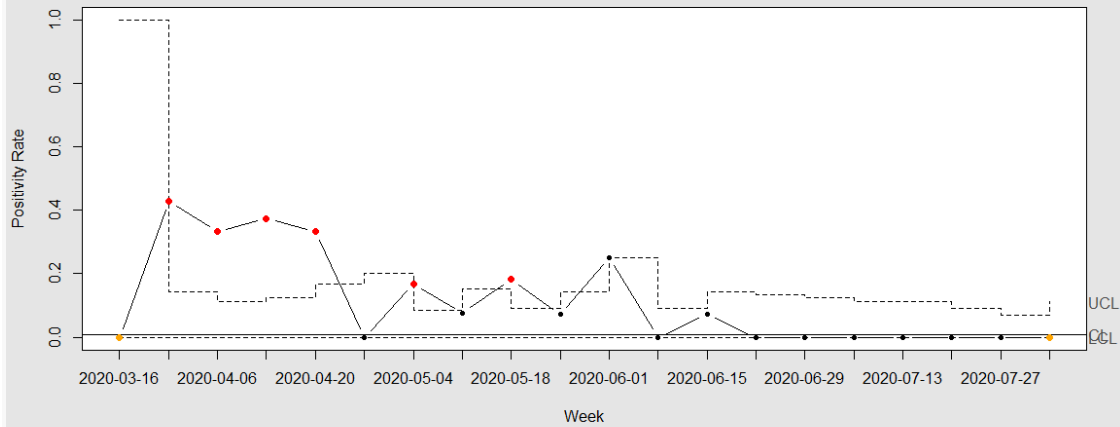
Number of groups = 20  
 Center = 0.1428571  
 StdDev = 0.1477541  
 LCL = -0.2377323  
 UCL = 0.5234466  
 Number beyond limits = 11  
 Number violating runs = 2

SPC 7 day rolling Cumulative chart for Positive Cases in Glyncoch (99% CI calculated from 15/6 onwards)



Number of groups = 100  
 Center = 0.1707317  
 StdDev = 0.02216312  
 LCL = 0.1136433  
 UCL = 0.2278201  
 Number beyond limits = 141  
 Number violating runs = 107

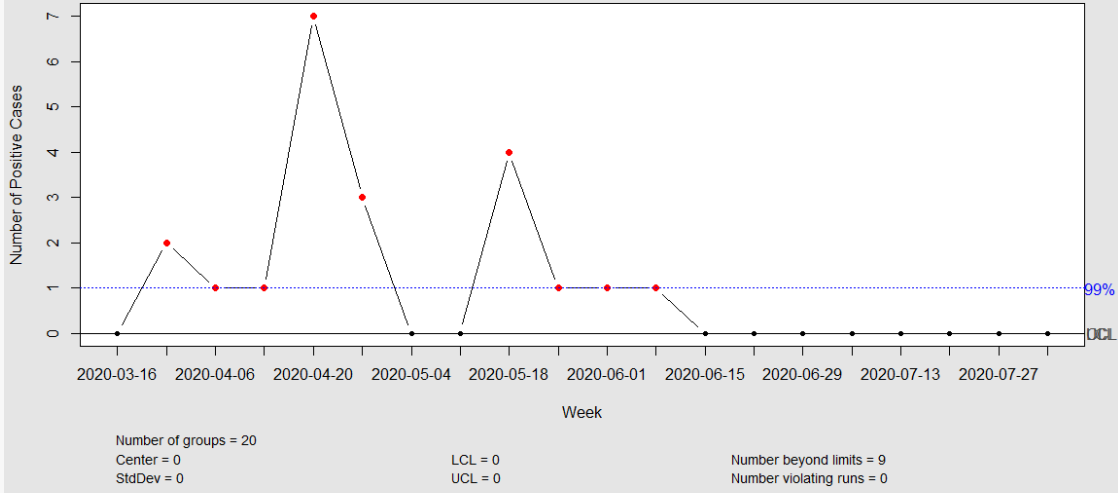
SPC Chart for P Chart for Positivity Rate in Glyncoch (99% CI calculated from 15/6 onwards, excluding Kepak)



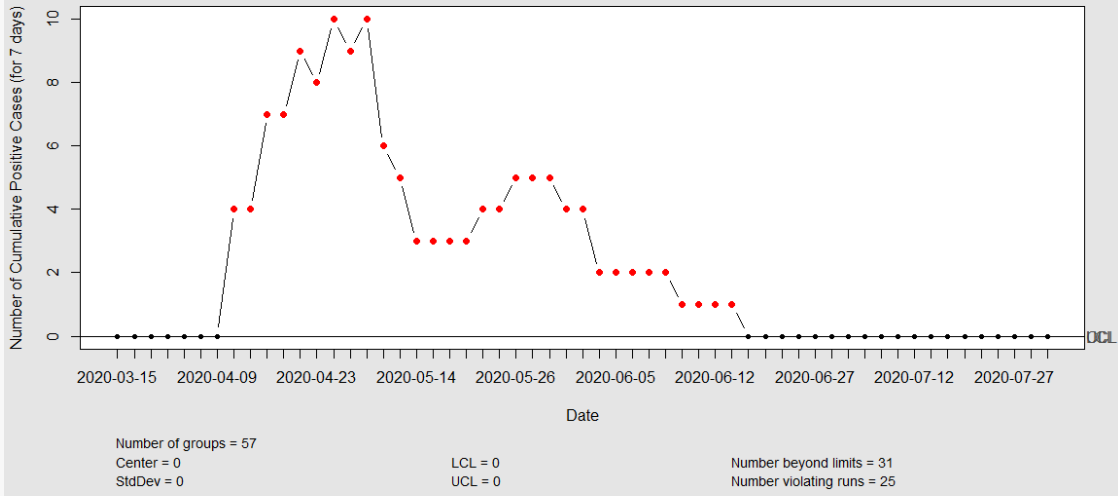
Number of groups = 20  
 Center = 0.00877193  
 StdDev = 0.09324689  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 6  
 Number violating runs = 2

# Hendreforgan

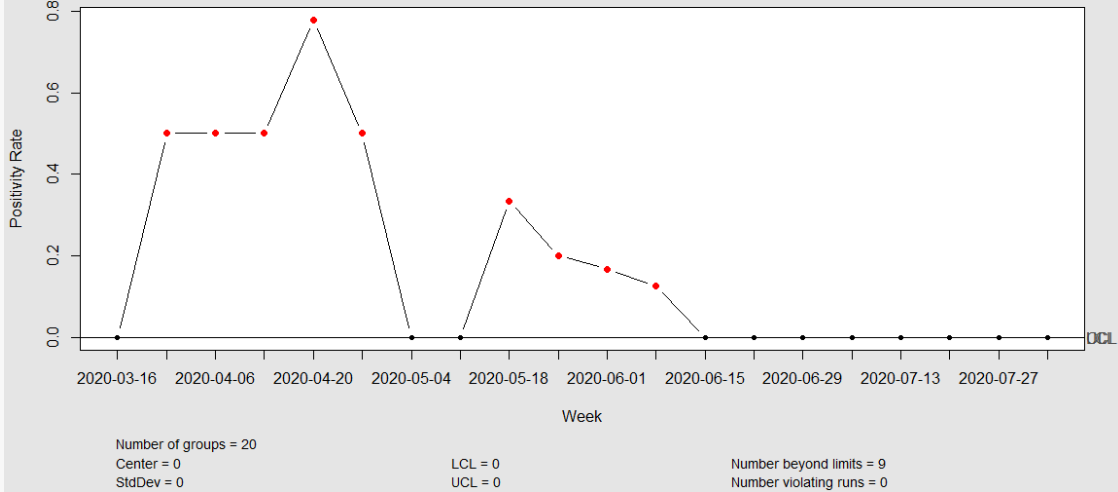
SPC Chart for Weekly Positive Cases in Hendreforgan (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Hendreforgan (99% CI calculated from 15/6 onwards)

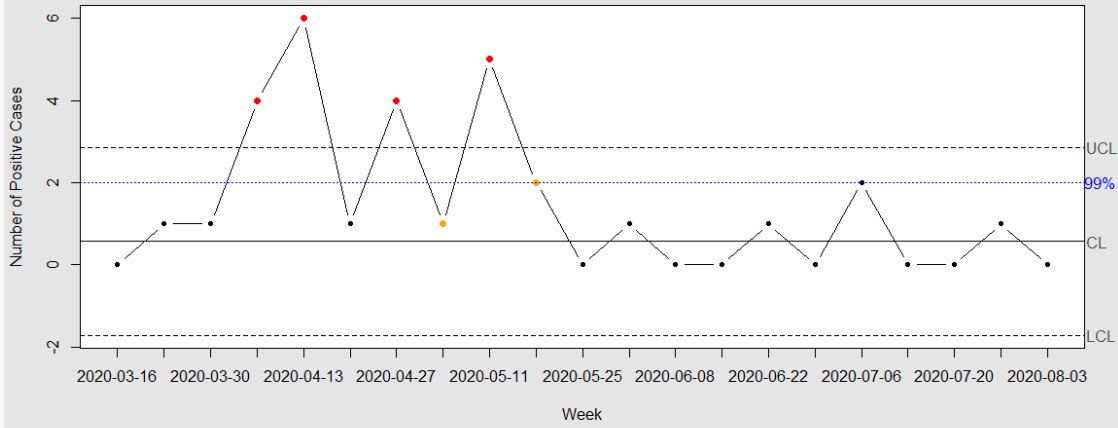


SPC Chart for P Chart for Positivity Rate in Hendreforgan (99% CI calculated from 15/6 onwards, excluding Kepak)



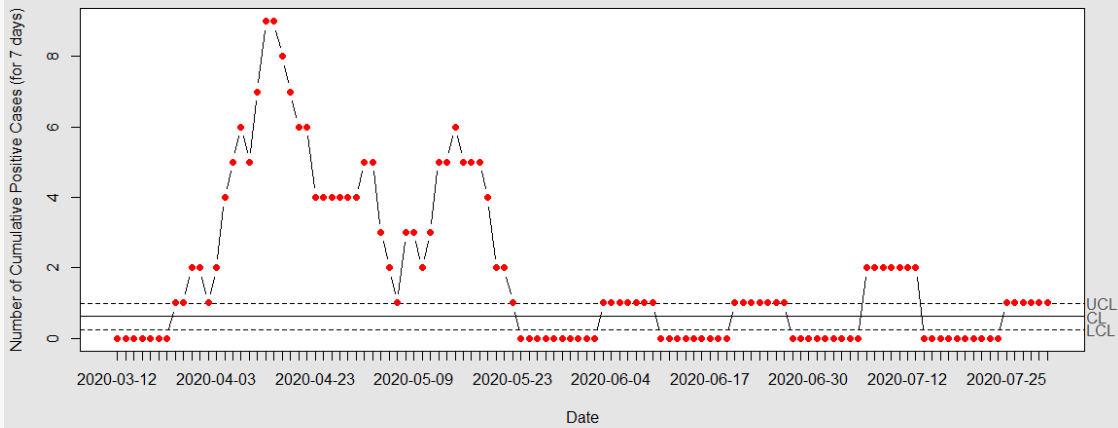
# Hirwaun

SPC Chart for Weekly Positive Cases in Hirwaun (99% CI calculated from 15/6 onwards, excluding Kepak)



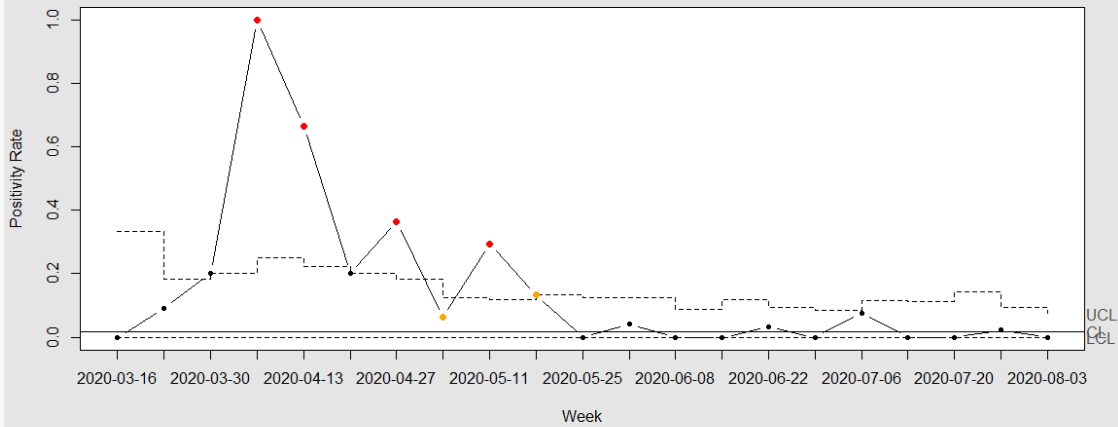
Number of groups = 21  
 Center = 0.5714286  
 StdDev = 0.8865248  
 LCL = -1.712108  
 UCL = 2.854965  
 Number beyond limits = 4  
 Number violating runs = 3

SPC 7 day rolling Cumulative chart for Positive Cases in Hirwaun (99% CI calculated from 15/6 onwards)



Number of groups = 114  
 Center = 0.6136364  
 StdDev = 0.144318  
 LCL = 0.2418978  
 UCL = 0.9853749  
 Number beyond limits = 158  
 Number violating runs = 63

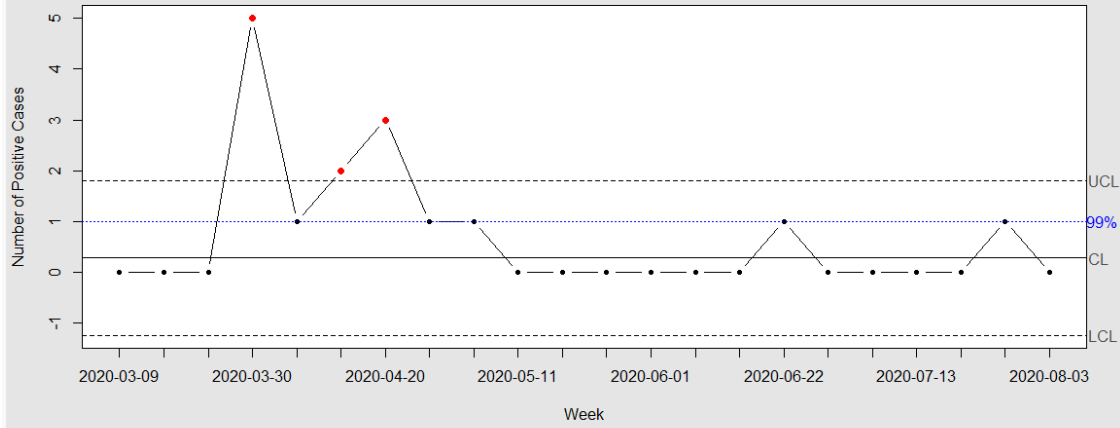
SPC Chart for P Chart for Positivity Rate in Hirwaun (99% CI calculated from 15/6 onwards, excluding Kepak)



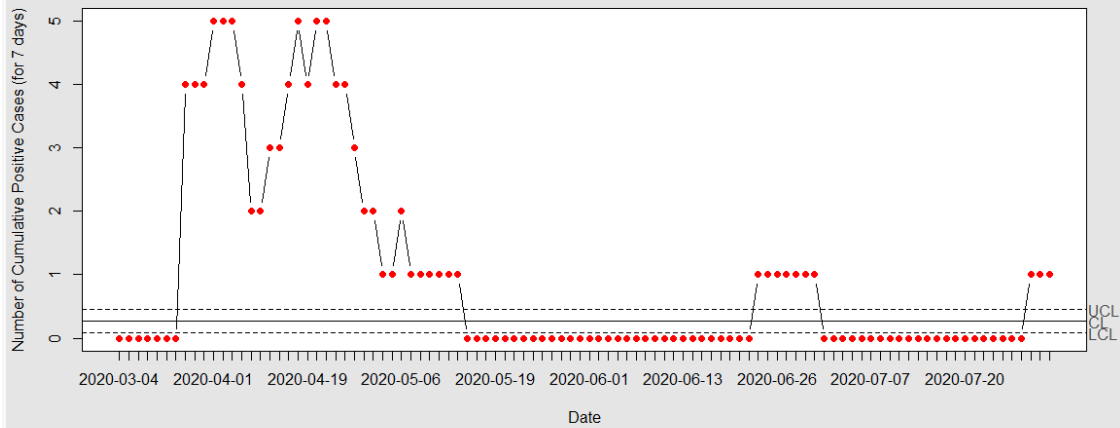
Number of groups = 21  
 Center = 0.01826484  
 StdDev = 0.1339076  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 4  
 Number violating runs = 3

# Llanharry

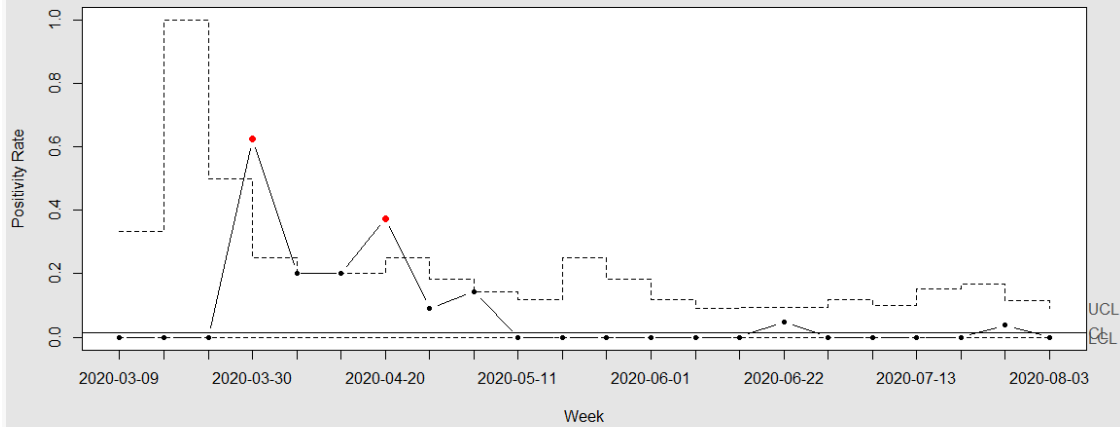
SPC Chart for Weekly Positive Cases in Llanharry (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Llanharry (99% CI calculated from 15/6 onwards)

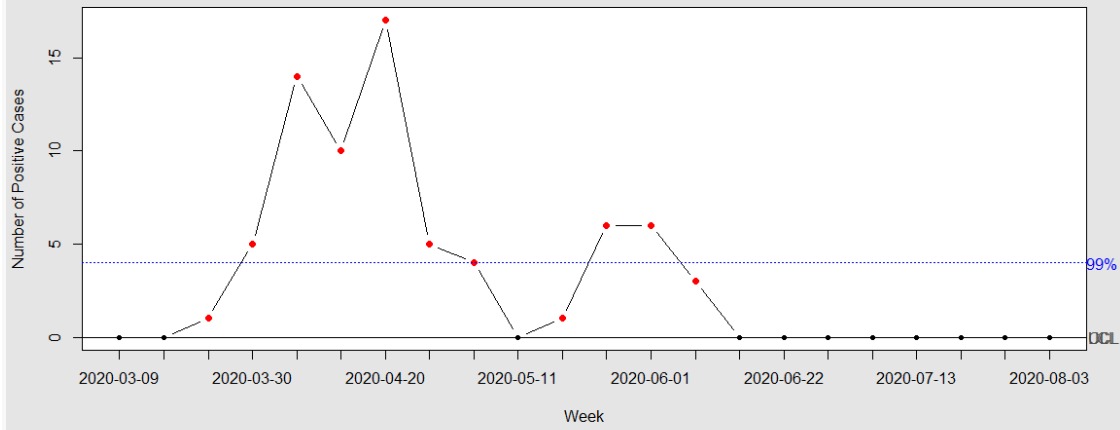


SPC Chart for P Chart for Positivity Rate in Llanharry (99% CI calculated from 15/6 onwards, excluding Kepak)



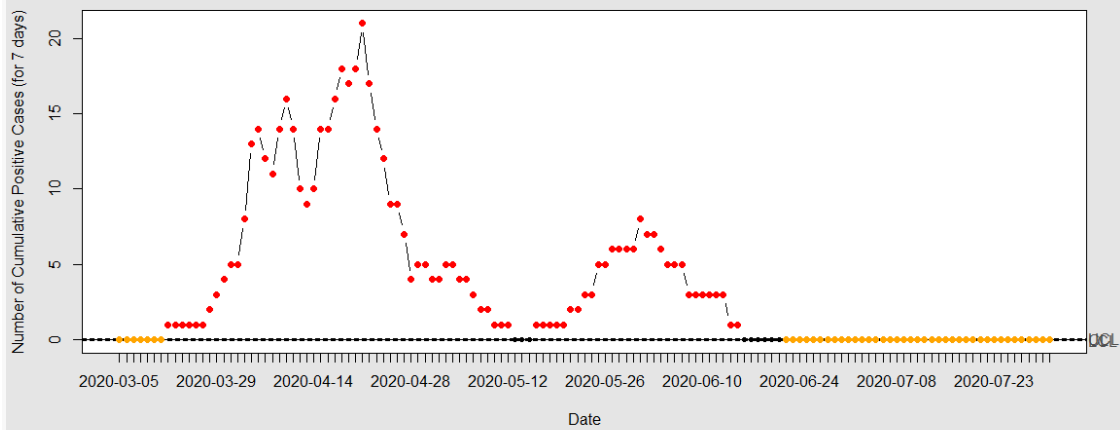
# Llantrisant

SPC Chart for Weekly Positive Cases in Llantrisant (99% CI calculated from 15/6 onwards, excluding Kepak)



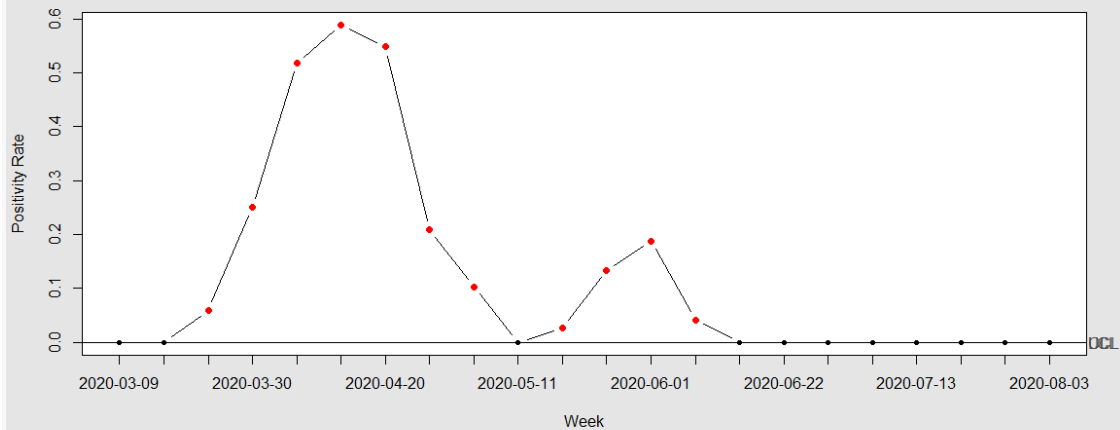
Number of groups = 22  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 11  
 Number violating runs = 1

SPC 7 day rolling Cumulative chart for Positive Cases in Llantrisant (99% CI calculated from 15/6 onwards)



Number of groups = 135  
 Center = 0.02173913  
 StdDev = 0.01970055  
 LCL = -0.02900613  
 UCL = 0.07248439  
 Number beyond limits = 81  
 Number violating runs = 153

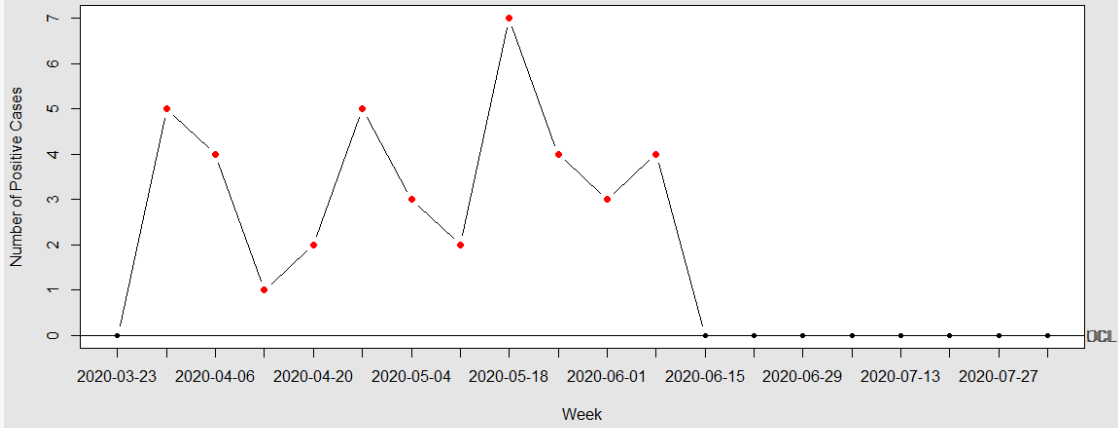
SPC Chart for P Chart for Positivity Rate in Llantrisant (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 22  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 11  
 Number violating runs = 1

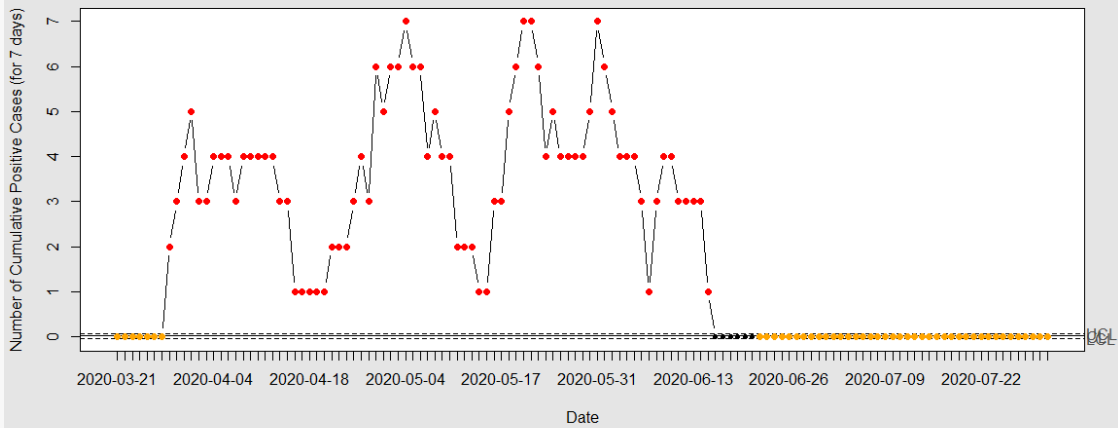
# Mountain Ash

SPC Chart for Weekly Positive Cases in Mountain Ash (99% CI calculated from 15/6 onwards, excluding Kepak)



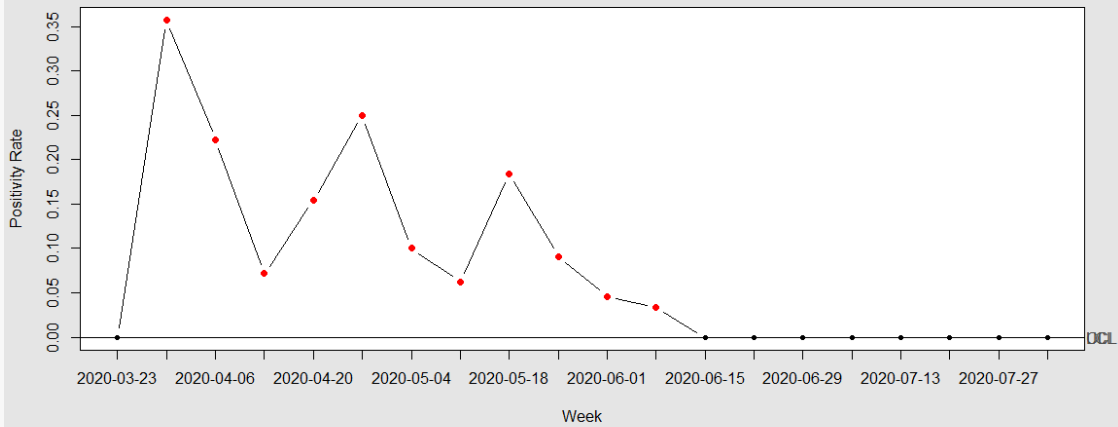
Number of groups = 20  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 11  
 Number violating runs = 5

SPC 7 day rolling Cumulative chart for Positive Cases in Mountain Ash (99% CI calculated from 15/6 onwards)



Number of groups = 127  
 Center = 0.0212766  
 StdDev = 0.01927228  
 LCL = -0.0283655  
 UCL = 0.0709187  
 Number beyond limits = 75  
 Number violating runs = 155

SPC Chart for P Chart for Positivity Rate in Mountain Ash (99% CI calculated from 15/6 onwards, excluding Kepak)

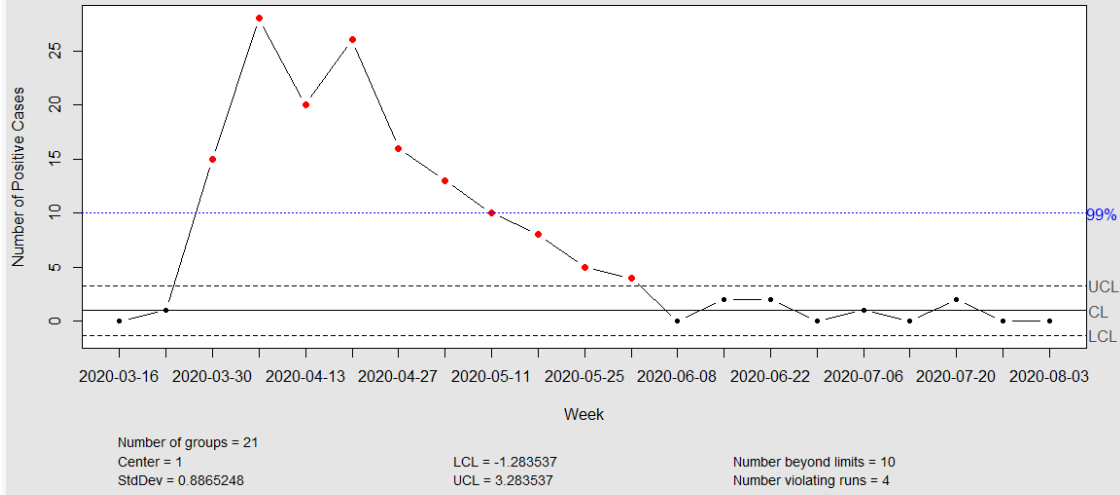


Number of groups = 20  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 11  
 Number violating runs = 5

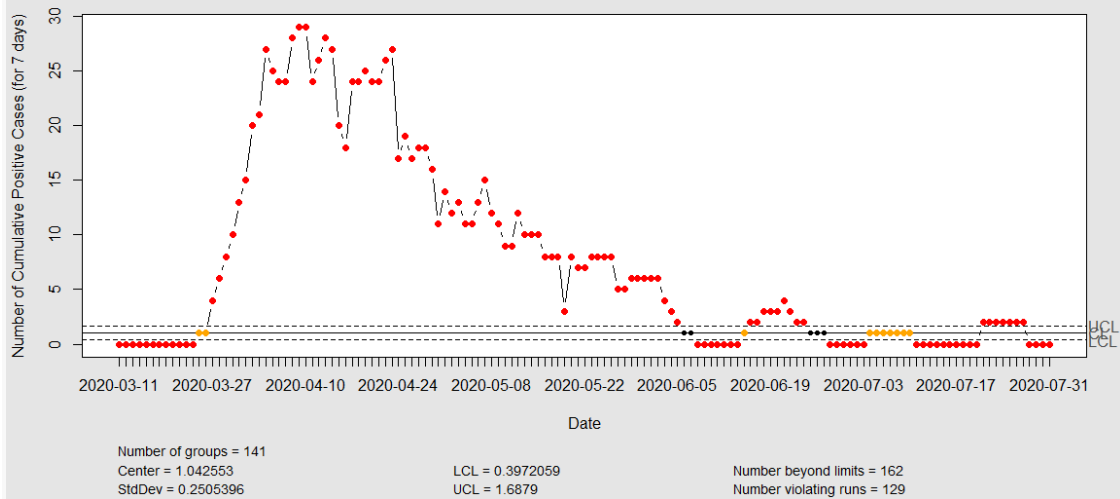


# Pontypridd

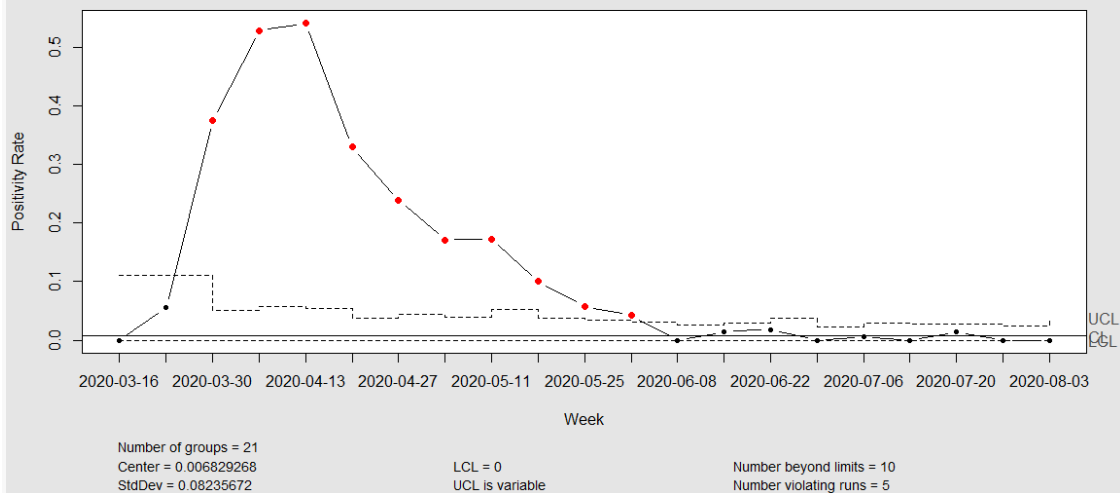
SPC Chart for Weekly Positive Cases in Pontypridd (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Pontypridd (99% CI calculated from 15/6 onwards)

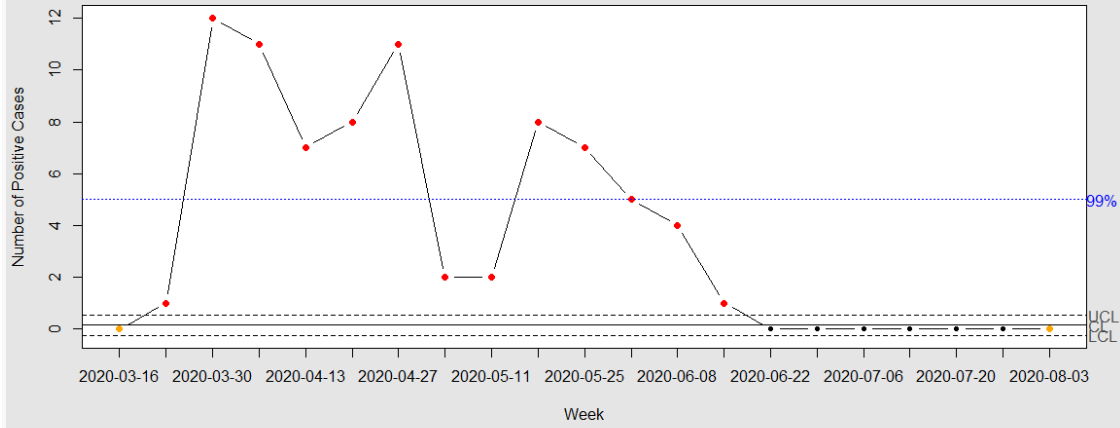


SPC Chart for P Chart for Positivity Rate in Pontypridd (99% CI calculated from 15/6 onwards, excluding Kepak)



# Porth

SPC Chart for Weekly Positive Cases in Porth (99% CI calculated from 15/6 onwards, excluding Kepak)

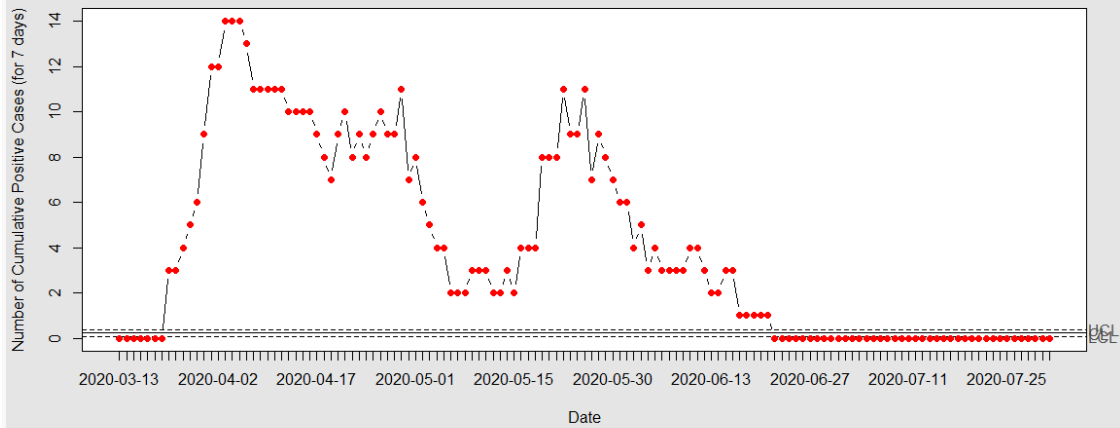


Number of groups = 21  
Center = 0.1428571  
StdDev = 0.1477541

LCL = -0.2377323  
UCL = 0.5234466

Number beyond limits = 14  
Number violating runs = 9

SPC 7 day rolling Cumulative chart for Positive Cases in Porth (99% CI calculated from 15/6 onwards)

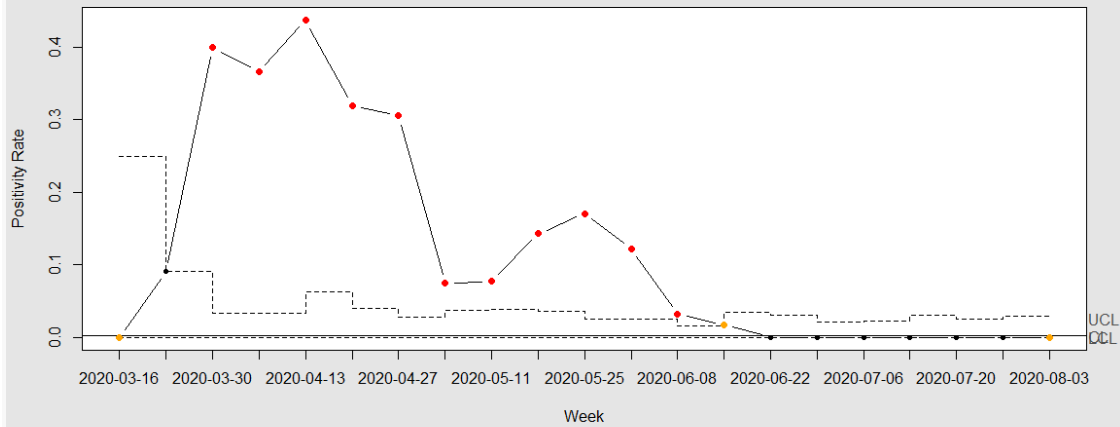


Number of groups = 133  
Center = 0.2340426  
StdDev = 0.05781684

LCL = 0.08511625  
UCL = 0.3829689

Number beyond limits = 180  
Number violating runs = 156

SPC Chart for P Chart for Positivity Rate in Porth (99% CI calculated from 15/6 onwards, excluding Kepak)



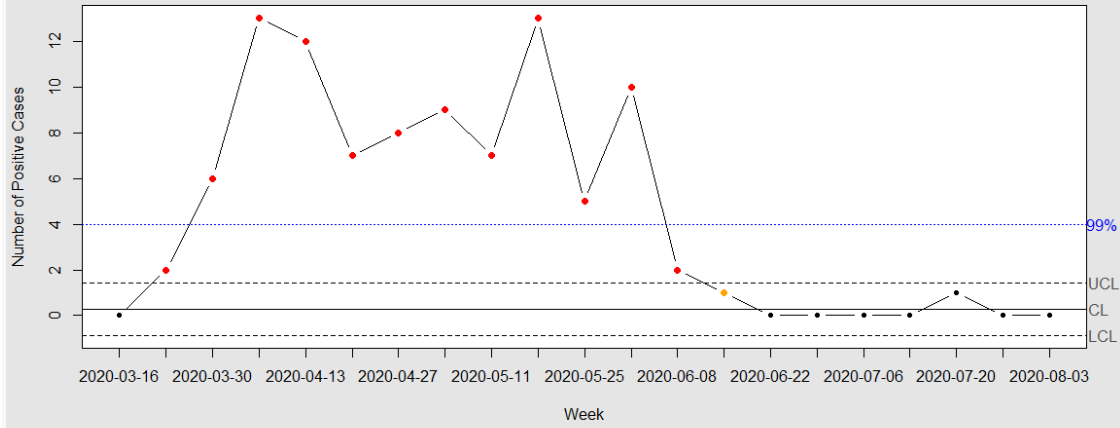
Number of groups = 21  
Center = 0.001968504  
StdDev = 0.04432413

LCL = 0  
UCL is variable

Number beyond limits = 11  
Number violating runs = 9

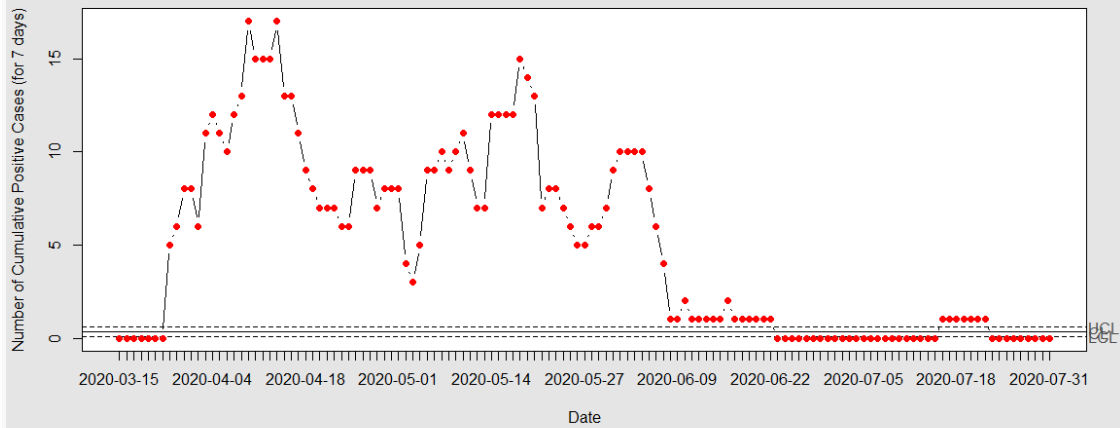
# Rhondda

SPC Chart for Weekly Positive Cases in Rhondda (99% CI calculated from 15/6 onwards, excluding Kepak)



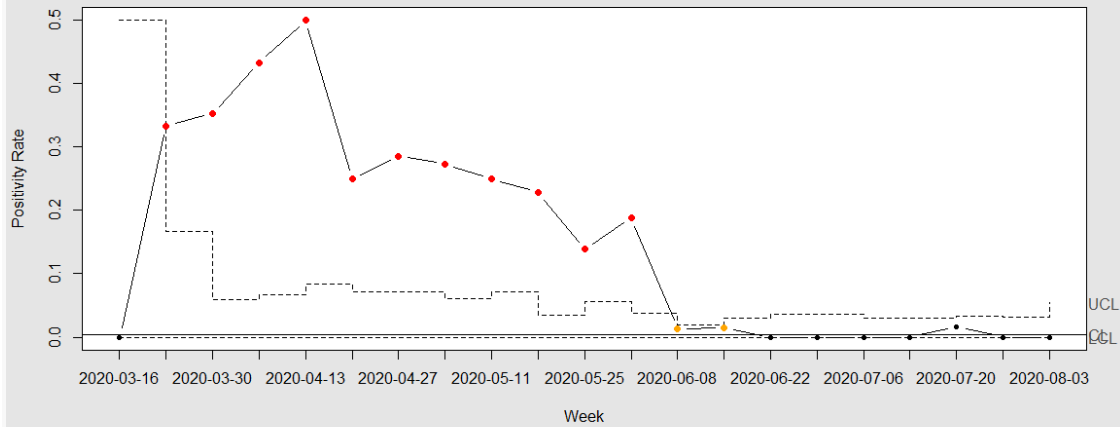
Number of groups = 21  
 Center = 0.2857143  
 StdDev = 0.4432624  
 LCL = -0.856054  
 UCL = 1.427483  
 Number beyond limits = 12  
 Number violating runs = 7

SPC 7 day rolling Cumulative chart for Positive Cases in Rhondda (99% CI calculated from 15/6 onwards)



Number of groups = 131  
 Center = 0.3404255  
 StdDev = 0.09636139  
 LCL = 0.09221503  
 UCL = 0.588636  
 Number beyond limits = 178  
 Number violating runs = 130

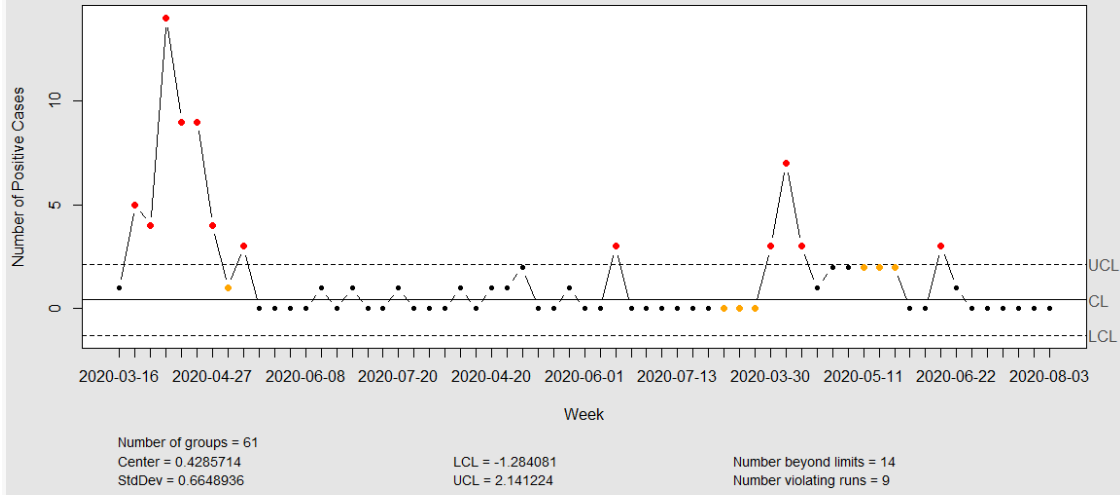
SPC Chart for P Chart for Positivity Rate in Rhondda (99% CI calculated from 15/6 onwards, excluding Kepak)



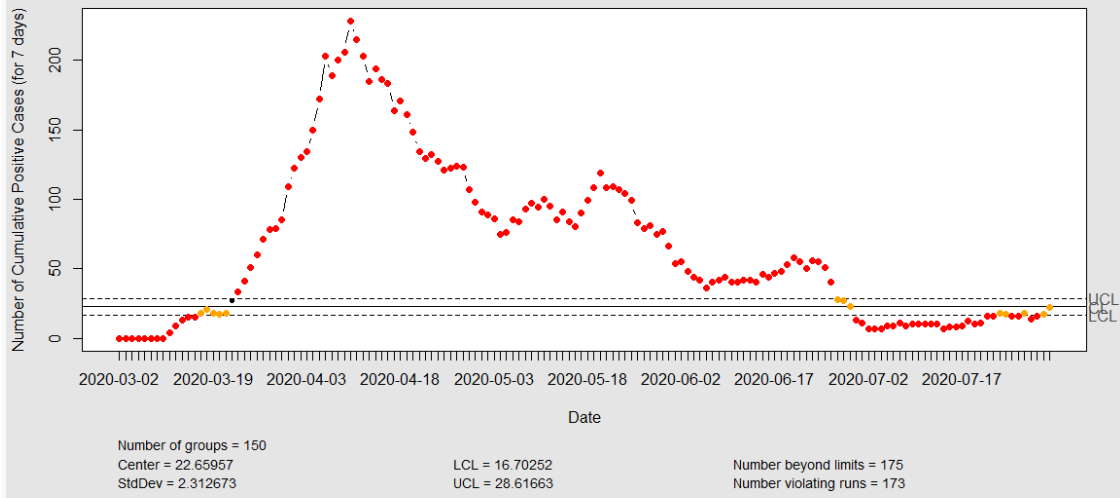
Number of groups = 21  
 Center = 0.004454343  
 StdDev = 0.06659206  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 11  
 Number violating runs = 7

# Small

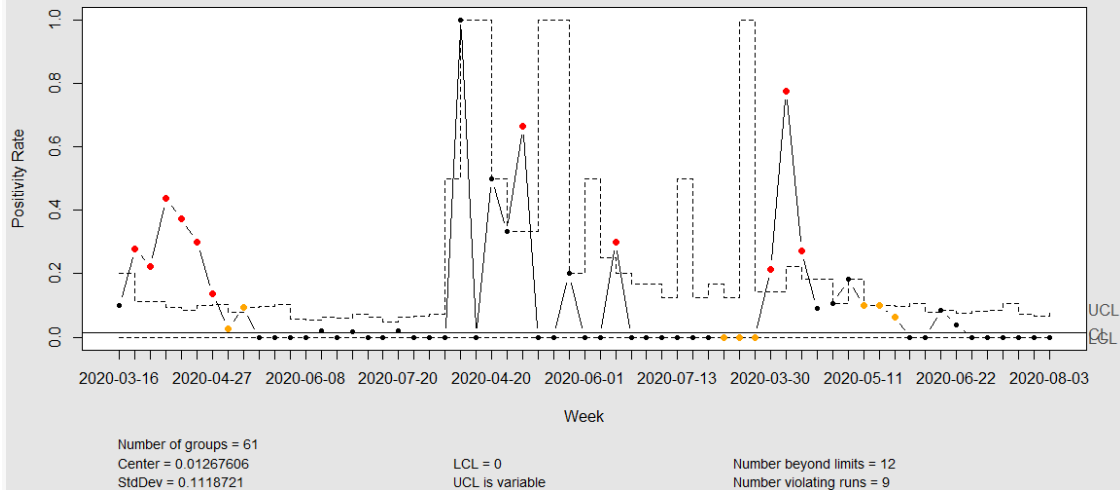
SPC Chart for Weekly Positive Cases in Small (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Small (99% CI calculated from 15/6 onwards)

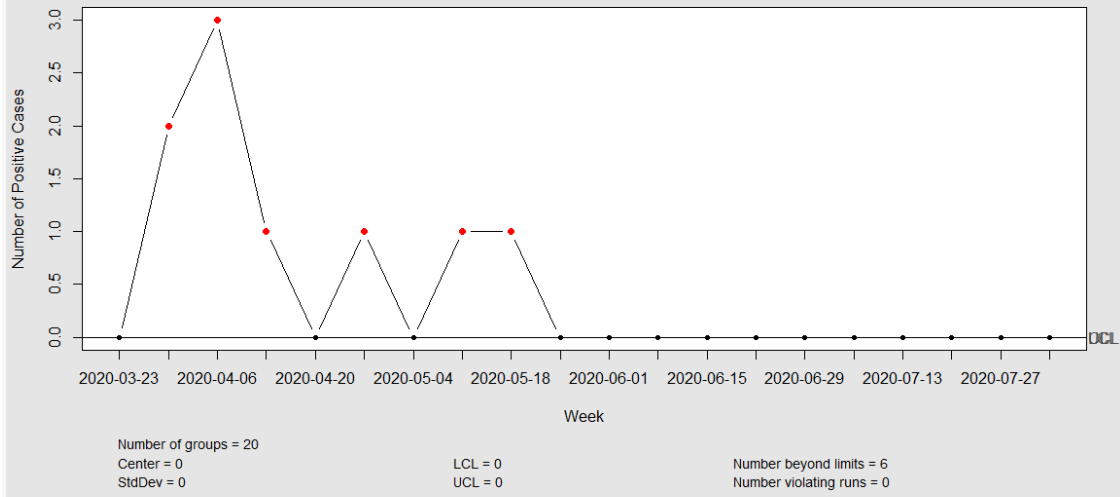


SPC Chart for P Chart for Positivity Rate in Small (99% CI calculated from 15/6 onwards, excluding Kepak)

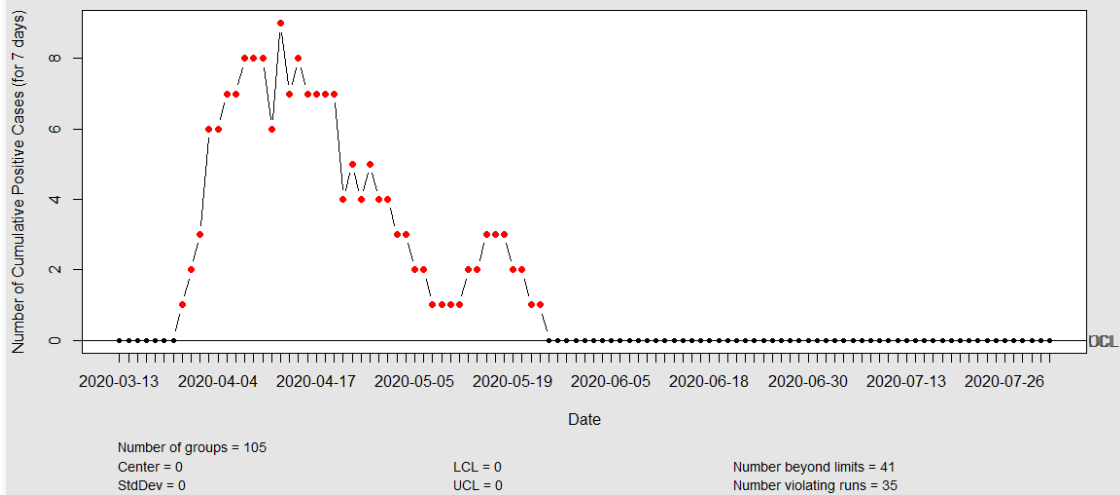


# Taff's Well

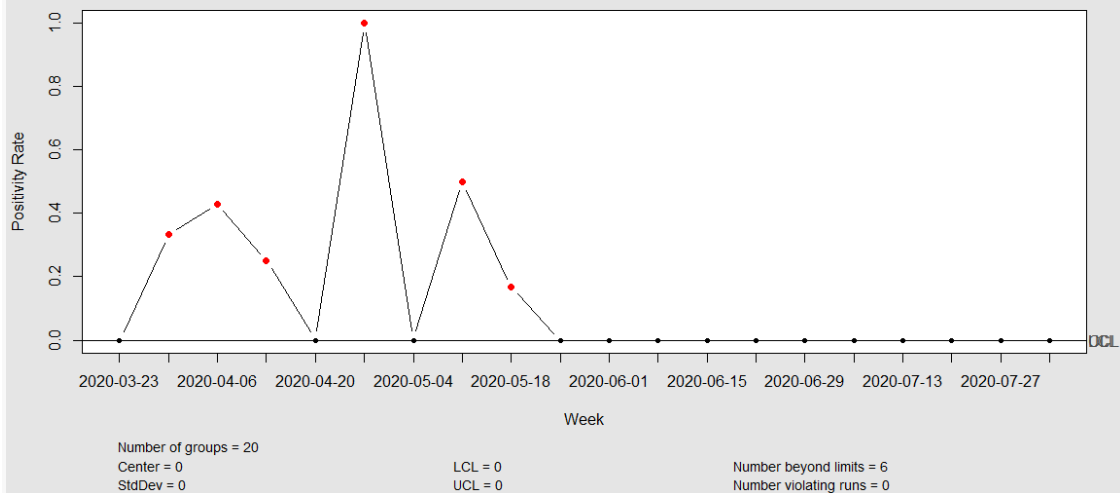
SPC Chart for Weekly Positive Cases in Taff's Well (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Taff's Well (99% CI calculated from 15/6 onwards)

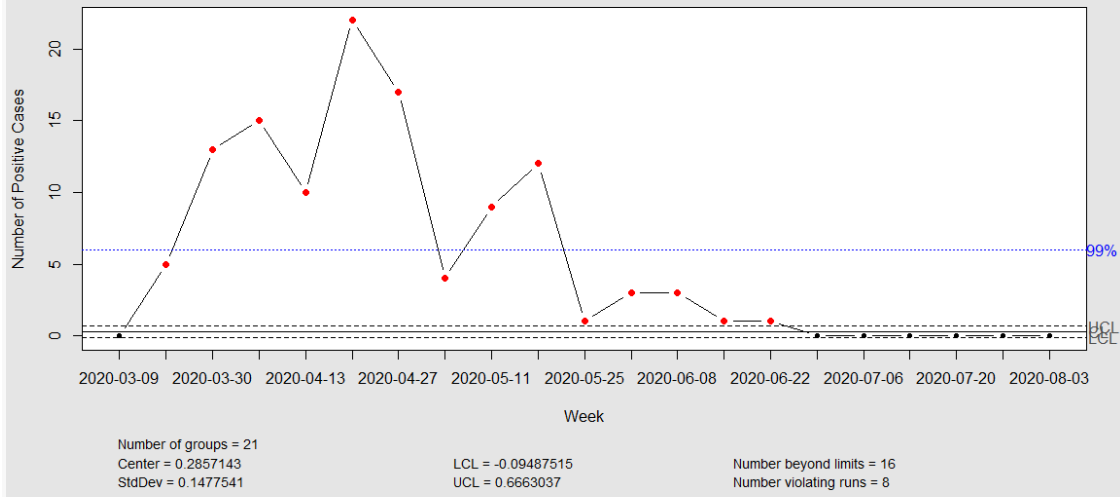


SPC Chart for P Chart for Positivity Rate in Taff's Well (99% CI calculated from 15/6 onwards, excluding Kepak)

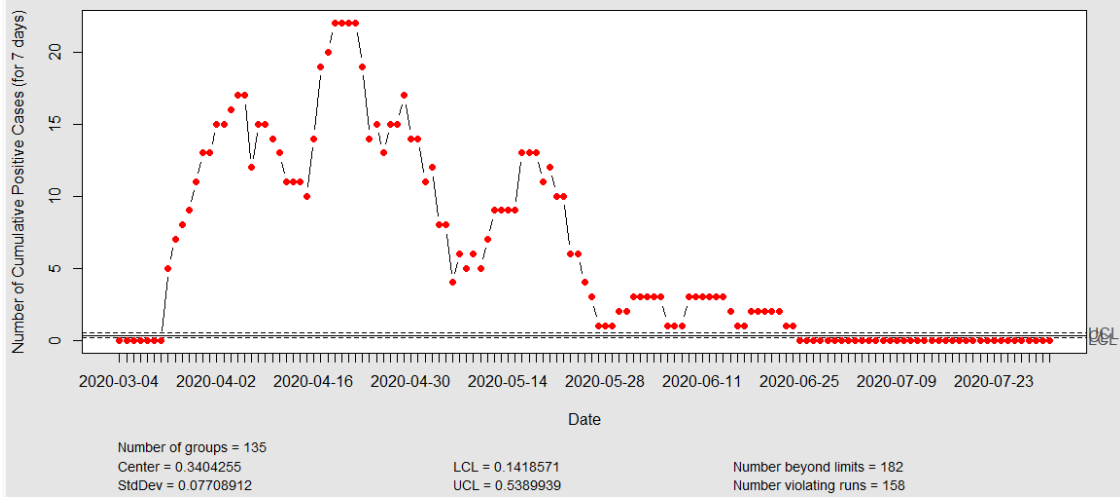


# Tonypandy

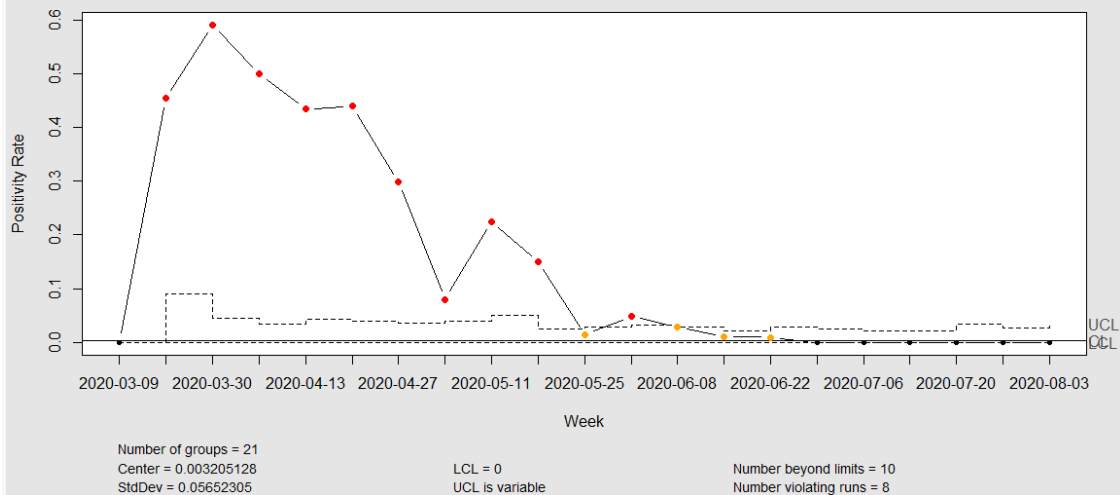
SPC Chart for Weekly Positive Cases in Tonypandy (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Tonypandy (99% CI calculated from 15/6 onwards)

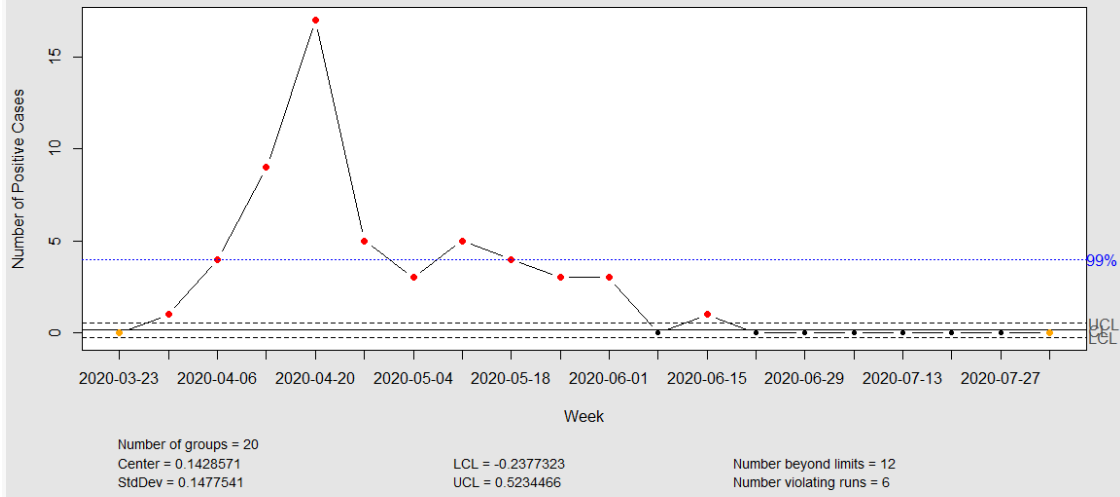


SPC Chart for P Chart for Positivity Rate in Tonypandy (99% CI calculated from 15/6 onwards, excluding Kepak)

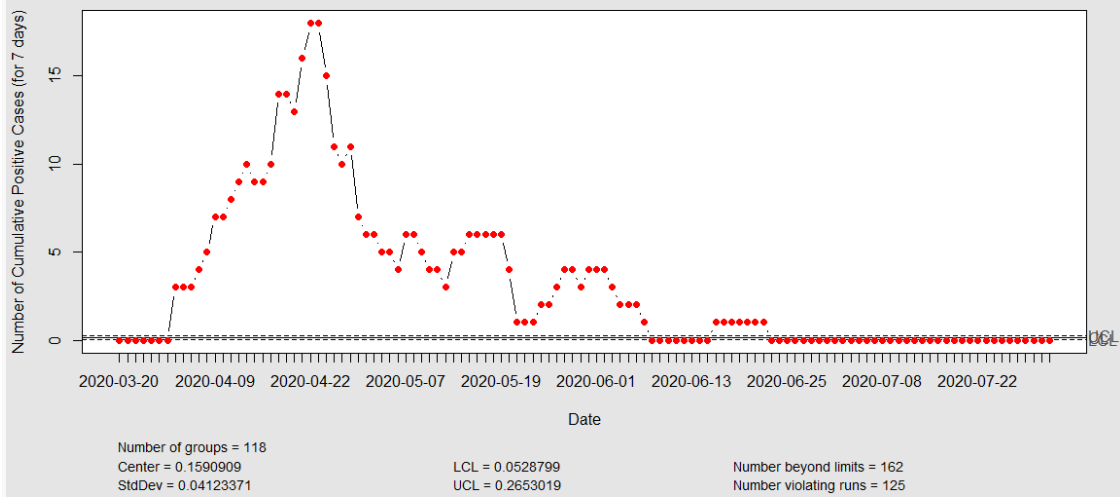


# Tonyrefail

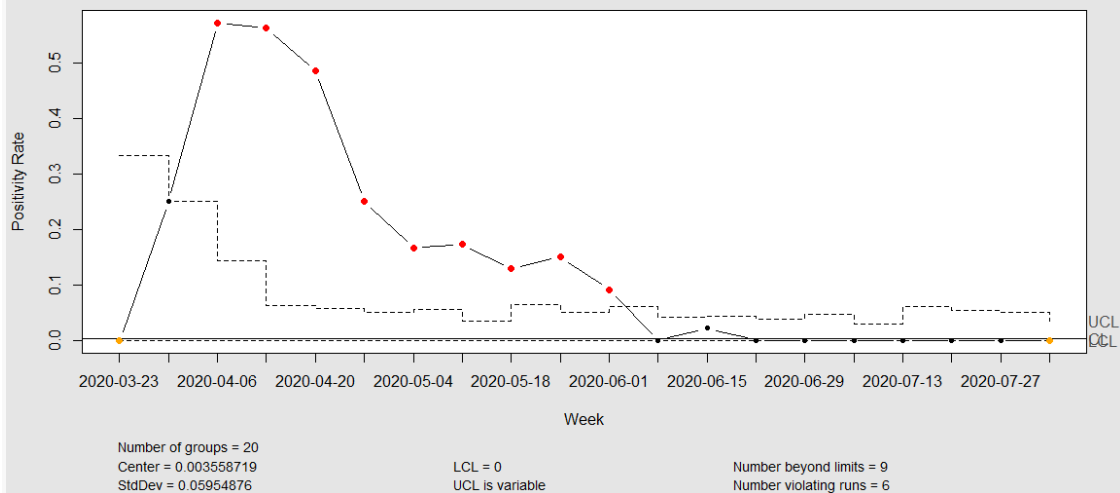
SPC Chart for Weekly Positive Cases in Tonyrefail (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Tonyrefail (99% CI calculated from 15/6 onwards)

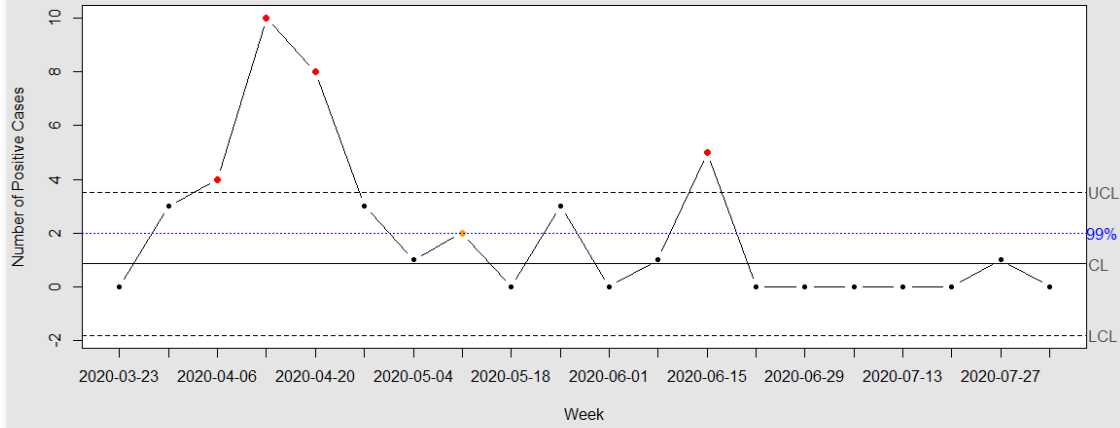


SPC Chart for P Chart for Positivity Rate in Tonyrefail (99% CI calculated from 15/6 onwards, excluding Kepak)



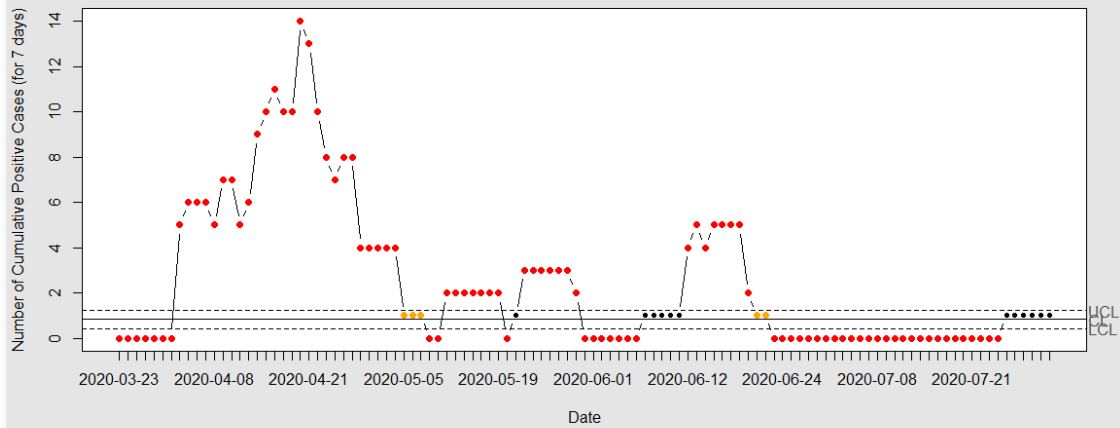
# Treherbert

SPC Chart for Weekly Positive Cases in Treherbert (99% CI calculated from 15/6 onwards, excluding Kepak)



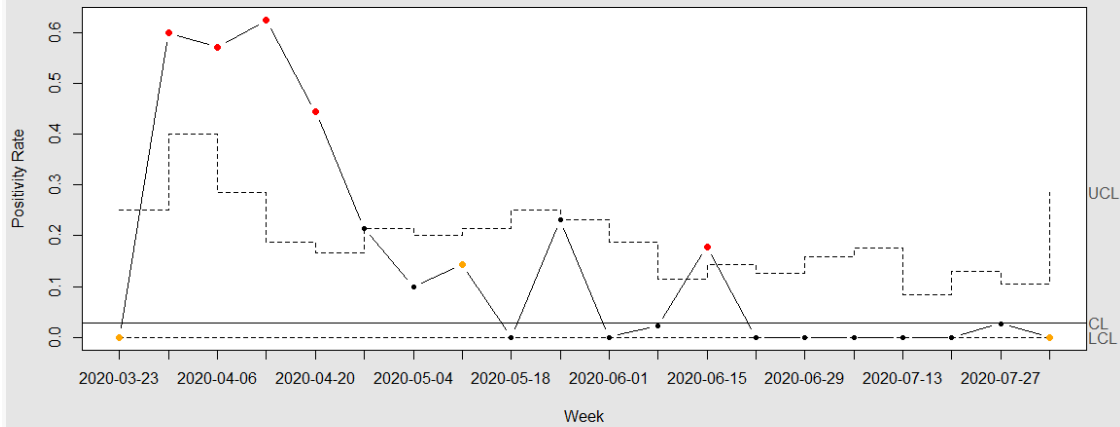
Number of groups = 20  
 Center = 0.8571429  
 StdDev = 1.034279  
 LCL = -1.806983  
 UCL = 3.521269  
 Number beyond limits = 5  
 Number violating runs = 1

SPC 7 day rolling Cumulative chart for Positive Cases in Treherbert (99% CI calculated from 15/6 onwards)



Number of groups = 109  
 Center = 0.8292683  
 StdDev = 0.1551418  
 LCL = 0.4296494  
 UCL = 1.228887  
 Number beyond limits = 125  
 Number violating runs = 81

SPC Chart for P Chart for Positivity Rate in Treherbert (99% CI calculated from 15/6 onwards, excluding Kepak)

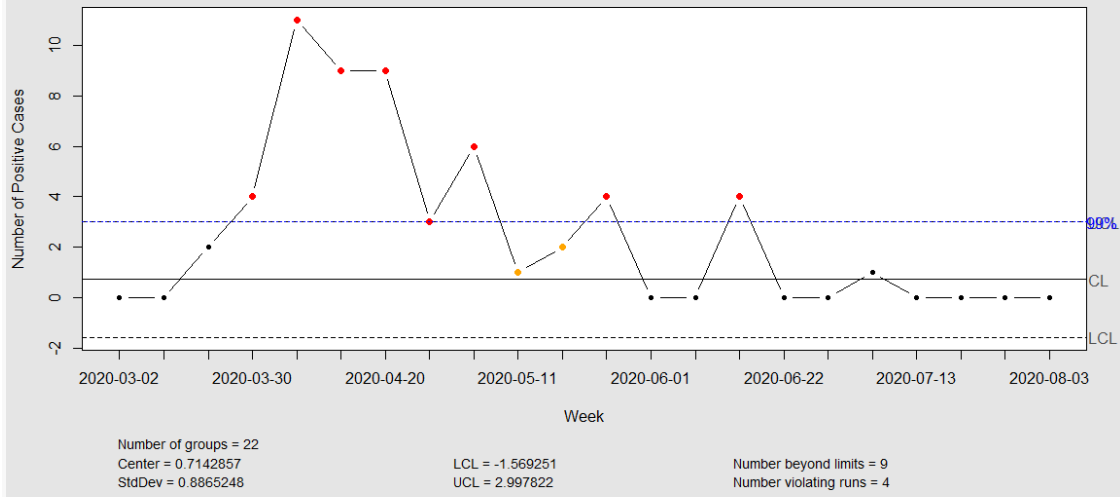


Number of groups = 20  
 Center = 0.02884615  
 StdDev = 0.167374  
 LCL = 0  
 UCL is variable  
 Number beyond limits = 6  
 Number violating runs = 3

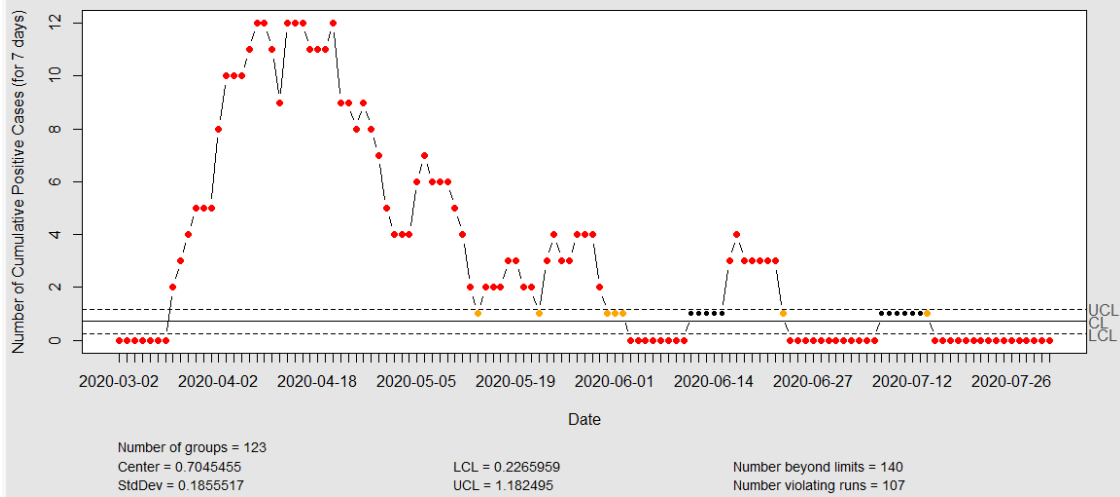


# Treorchy

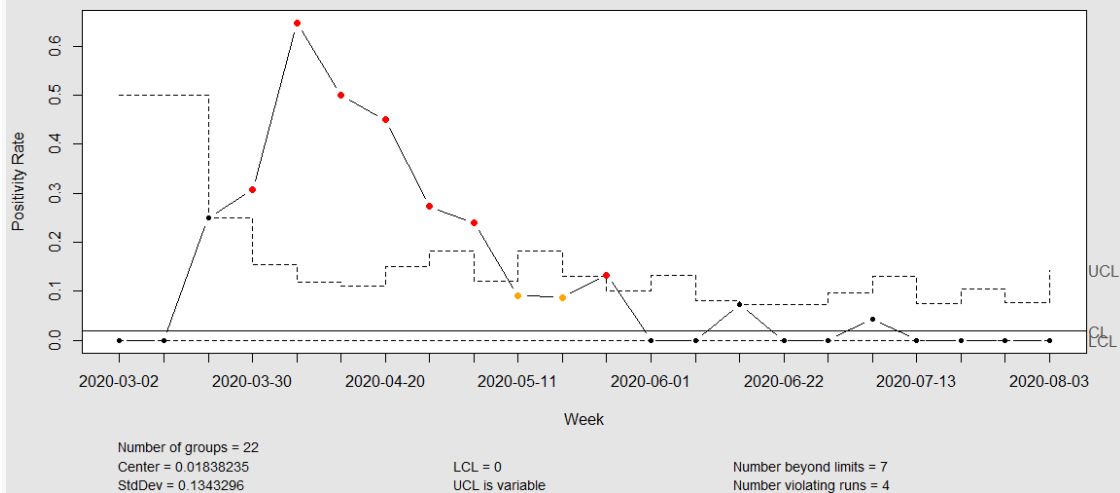
SPC Chart for Weekly Positive Cases in Treorchy (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Treorchy (99% CI calculated from 15/6 onwards)

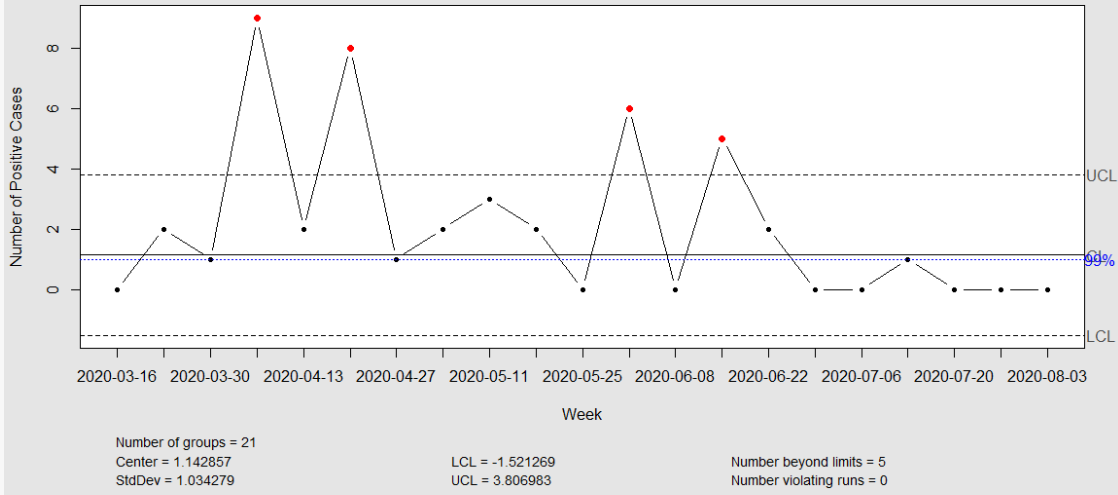


SPC Chart for P Chart for Positivity Rate in Treorchy (99% CI calculated from 15/6 onwards, excluding Kepak)

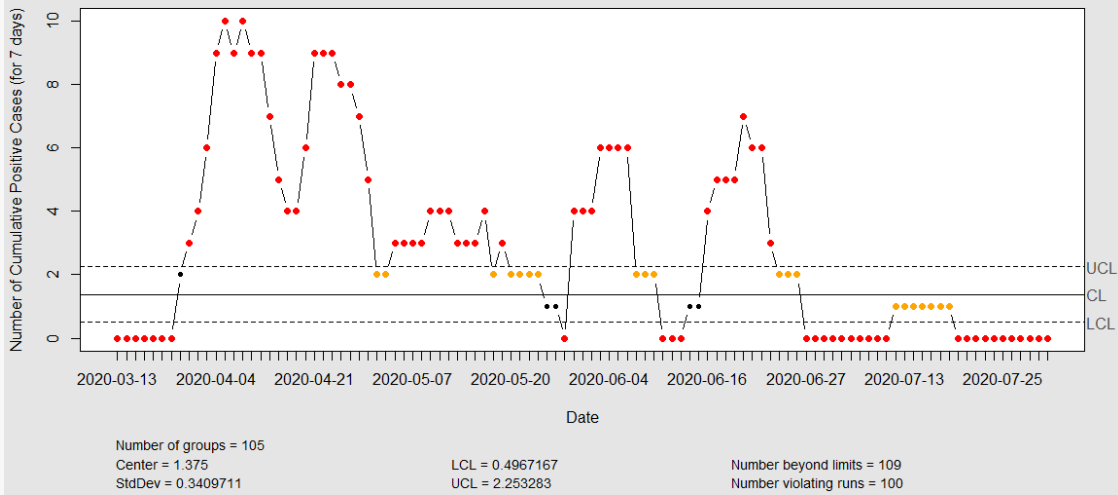


# Tylorstown

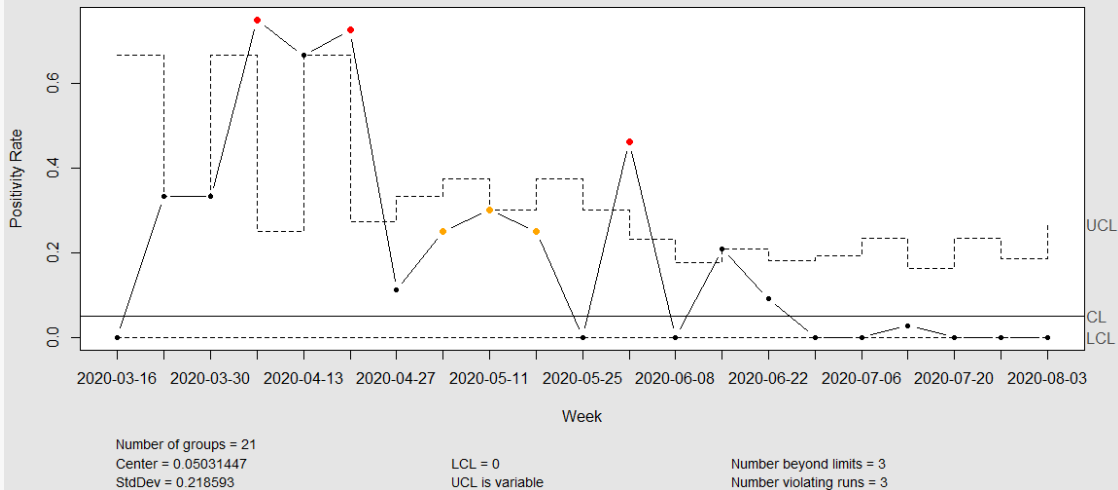
SPC Chart for Weekly Positive Cases in Tylorstown (99% CI calculated from 15/6 onwards, excluding Kepak)



SPC 7 day rolling Cumulative chart for Positive Cases in Tylorstown (99% CI calculated from 15/6 onwards)

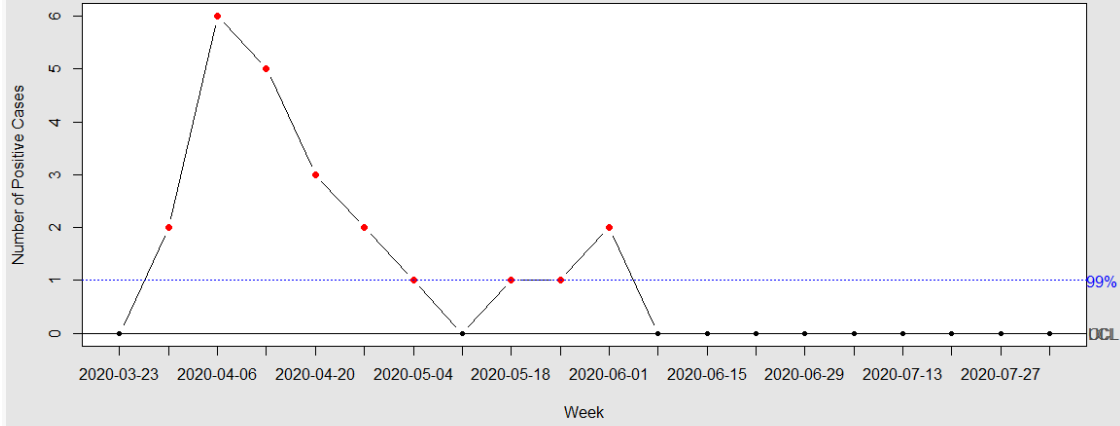


SPC Chart for P Chart for Positivity Rate in Tylorstown (99% CI calculated from 15/6 onwards, excluding Kepak)



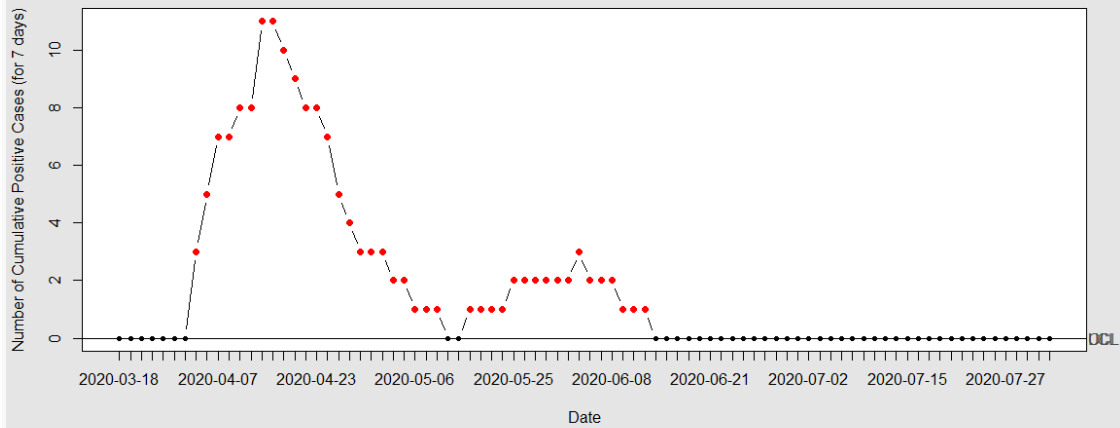
# Ynysybwl

SPC Chart for Weekly Positive Cases in Ynysybwl (99% CI calculated from 15/6 onwards, excluding Kepak)



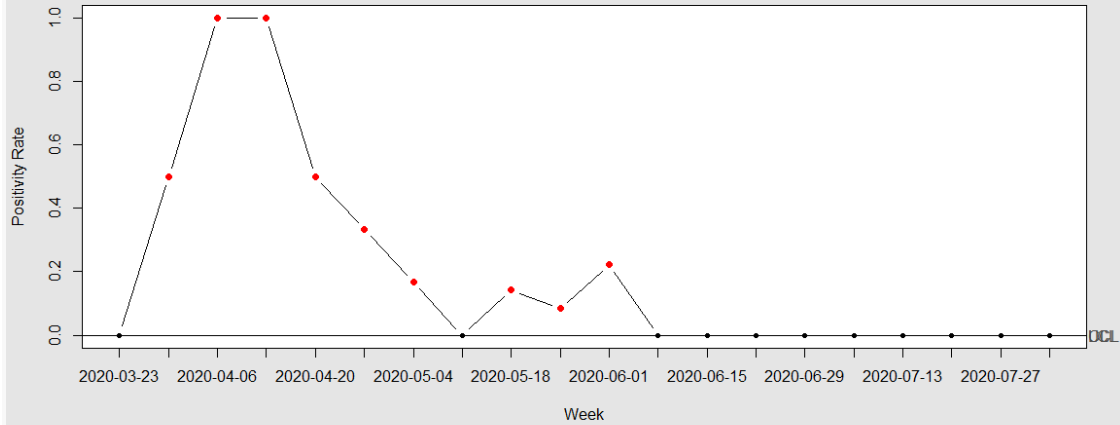
Number of groups = 20  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 9  
 Number violating runs = 0

SPC 7 day rolling Cumulative chart for Positive Cases in Ynysybwl (99% CI calculated from 15/6 onwards)



Number of groups = 86  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 40  
 Number violating runs = 28

SPC Chart for P Chart for Positivity Rate in Ynysybwl (99% CI calculated from 15/6 onwards, excluding Kepak)



Number of groups = 20  
 Center = 0  
 StdDev = 0  
 LCL = 0  
 UCL = 0  
 Number beyond limits = 9  
 Number violating runs = 0