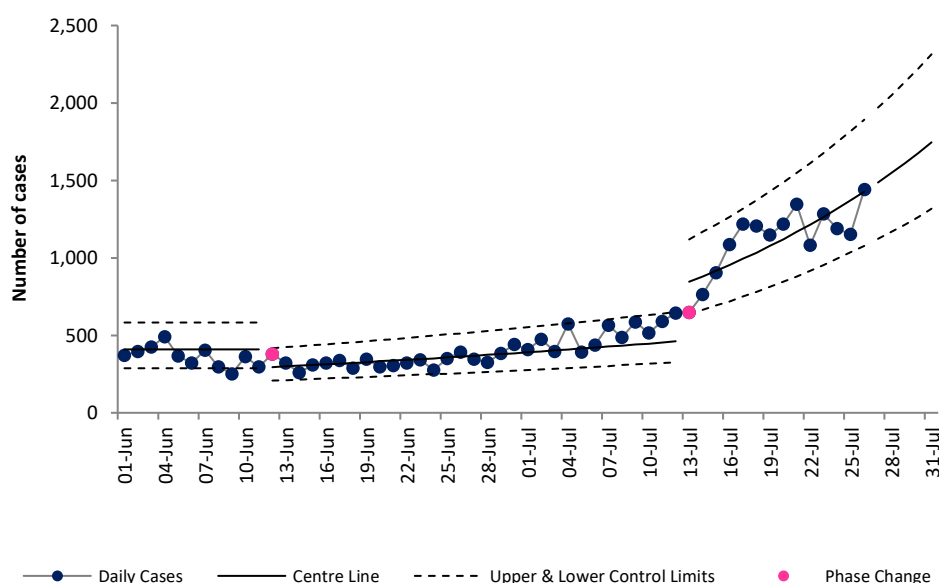


COVID-19 Data Summary, Wednesday 28th July 2021

Weekly Report on COVID-19 Statistical Process Control Charts

28 July 2021

Daily COVID-19 Reported Cases



Epoch 2: Growth in daily reported cases

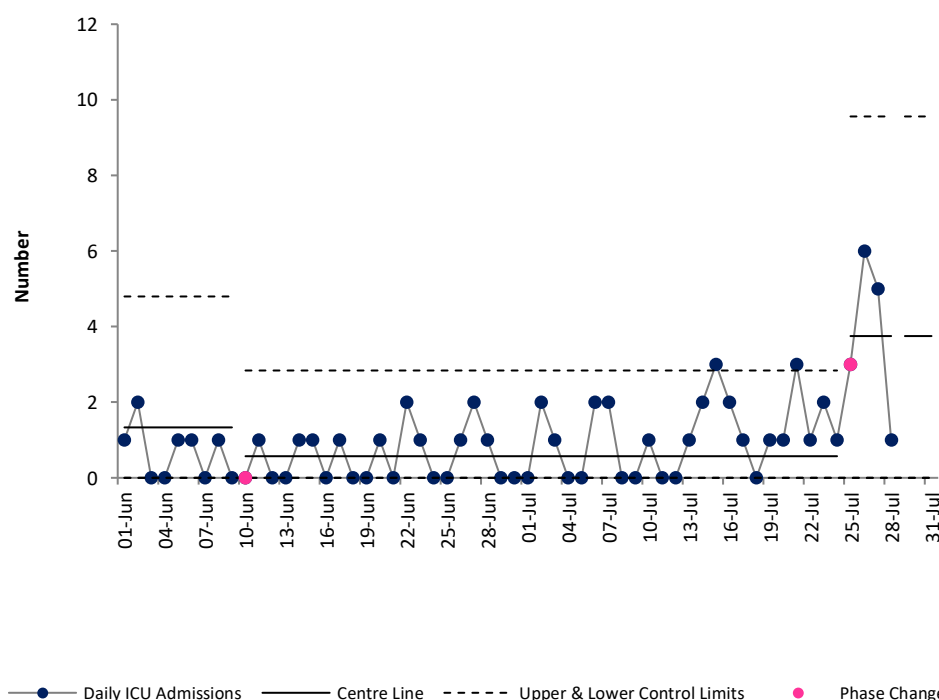
The latest data indicates that the number of new cases reported per day has been increasing (i.e. in the growth phase / Epoch 2) since 12th June after being in Epoch 3 (plateau or descent in daily cases) since 17th May.

The average number of cases per day increased from 294 on 12th June to 462 per day on 12th July.

Cases increased at faster rate from 13th July, from an average of 845 per day to 1,486 per day on 27th July.

If cases continue to grow at this rate we can expect to see an average of 1,746 cases per day by 31st July.

Daily admissions to ICU of COVID-19 positive patients



Epoch 4: Stability after descent in daily reported ICU admissions

The number of new ICU admissions per day of COVID positive patients has been trending downwards since January.

There was a signal of a reduction in the average number of new ICU admissions of COVID positive patients per day from 1.3 since 30th April to 0.6 per day since 10th June.

Since 25th July ICU admissions remain low and stable but at a higher level than in preceding weeks. If the current trend continues we can expect to continue to see an average of 3.75 ICU admissions per day.

Note that due to the cyber attack data on daily new hospital admissions of COVID-19 positive patients and daily notified deaths of people with COVID-19 are not currently available.

For more information on the methodology used above and the team behind the development of this SPC approach see

<https://www.hse.ie/eng/about/who/qid/covid-19-qi-learning/resources-developed-to-support-the-national-covid19-response/understanding-variation-in-key-covid-19-indicators-in-ireland-using-statistical-process-control-shewhart-charts.pdf>