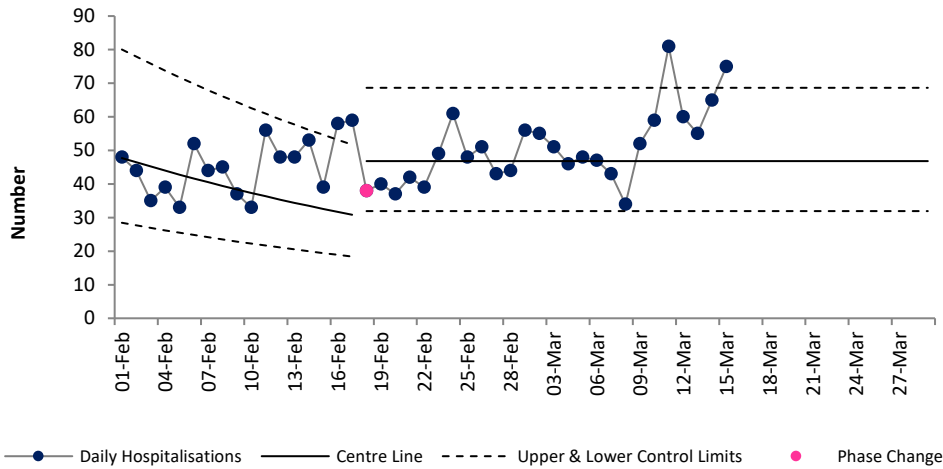


# COVID-19 Data Summary, Tuesday 15<sup>th</sup> March 2022

## Weekly Report on COVID-19 Statistical Process Control Charts

15<sup>th</sup> March 2022

**Daily new hospital admissions of COVID-19 positive patients**



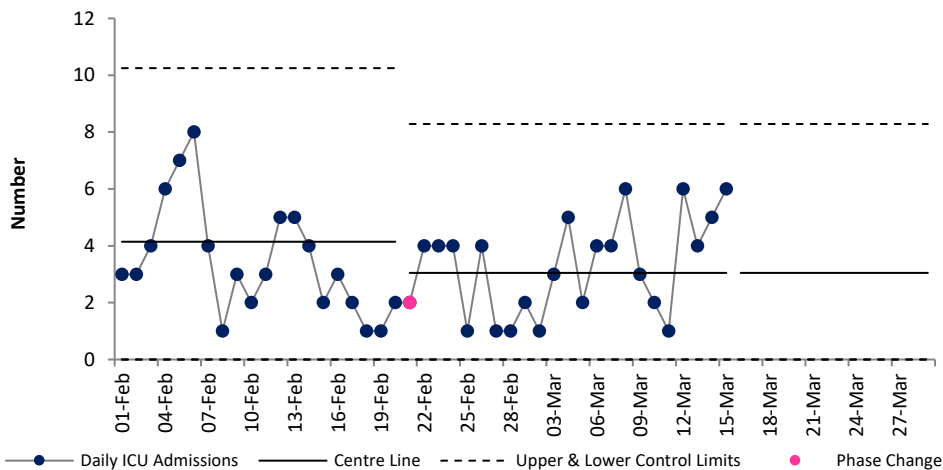
**Epoch 3: Plateau or Descent in Daily Hospitalisations**

From 17<sup>th</sup> Dec 2021 Ireland entered epoch 2 experiencing rapid growth in daily hospital admissions.

The number of daily hospital admissions continued to increase and remained in the rapid growth phase until 13<sup>th</sup> January. From 14<sup>th</sup> January we returned to Epoch 3 (plateau or descent in daily hospital admissions), and admissions trended downwards.

On 18<sup>th</sup> February we returned to a plateau with an expected average of 47 daily admissions (329 a week).

**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 had been trending downwards since January 2021. From 18<sup>th</sup> August to 21<sup>st</sup> Nov 2021 ICU admissions remained stable but a higher level than preceding weeks (4.8 per day).

From 22<sup>nd</sup> Nov 2021 to 27<sup>th</sup> Jan 2022 ICU admissions increased to 7.2 per day (50 a week).

From the 28<sup>th</sup> Jan to 20<sup>th</sup> Feb the average number of expected ICU admissions decreased to 4.1 per day (30 a week).

From 21<sup>st</sup> Feb the average number of expected ICU admissions stabilised at a lower rate of 3 per day (21 a week).

Note that due to the cyber attack data on 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>