

Example of quiet evening shift

The following forecasts are all from the same day. They have been extracted every hour between 11 am and 8pm.

The orange line indicate the average number of patients expected to arrive in a given hour while the blue boxes indicates the likelihood of a given number of patients arriving. The bluer a box is, the more likely it is that that exact number of patients will arrive during the given hour.

The example is based on simulated data from a small Danish emergency department.

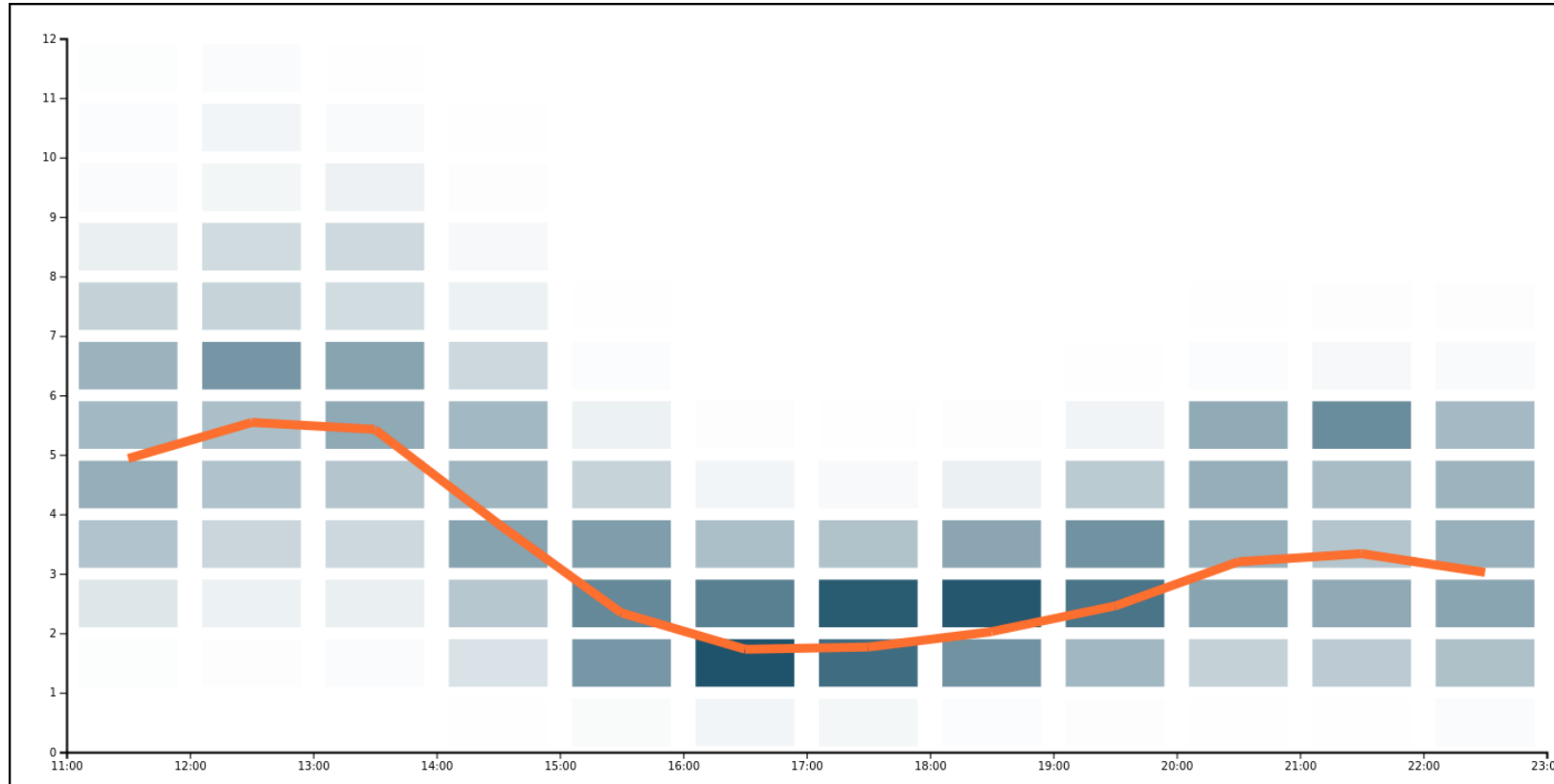
The box at the bottom of this page shows the actual number of arrivals on this day.

Day time	41
Evening	8
Night	9
Total	58

How to handle the day?

If someone calls in sick during day time, you need to cover it, but if someone calls in sick for the evening shift, that staff at hand should be able to manage. No additional help is needed for any of the shifts.

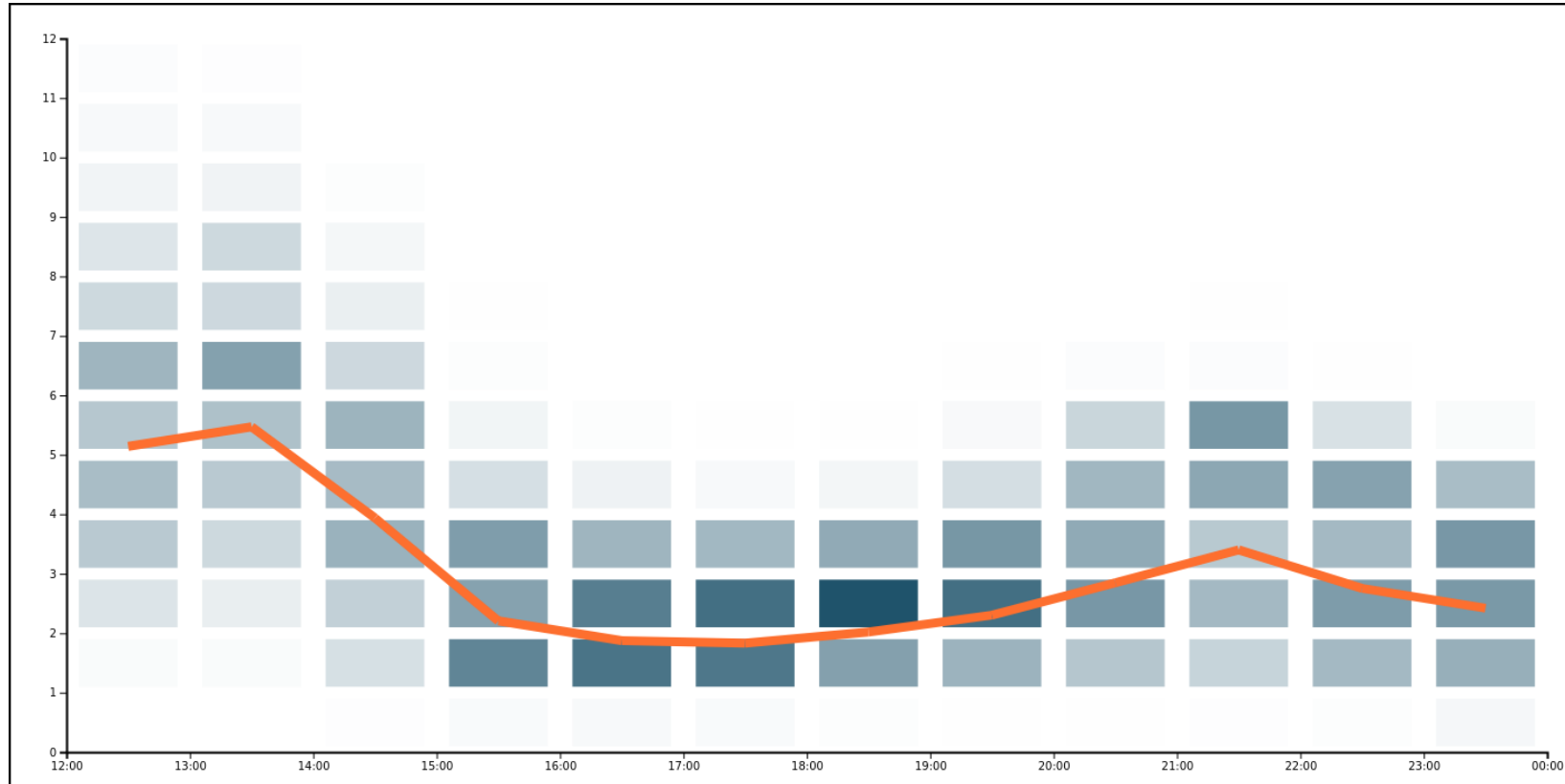
Quiet evening shift – 11am



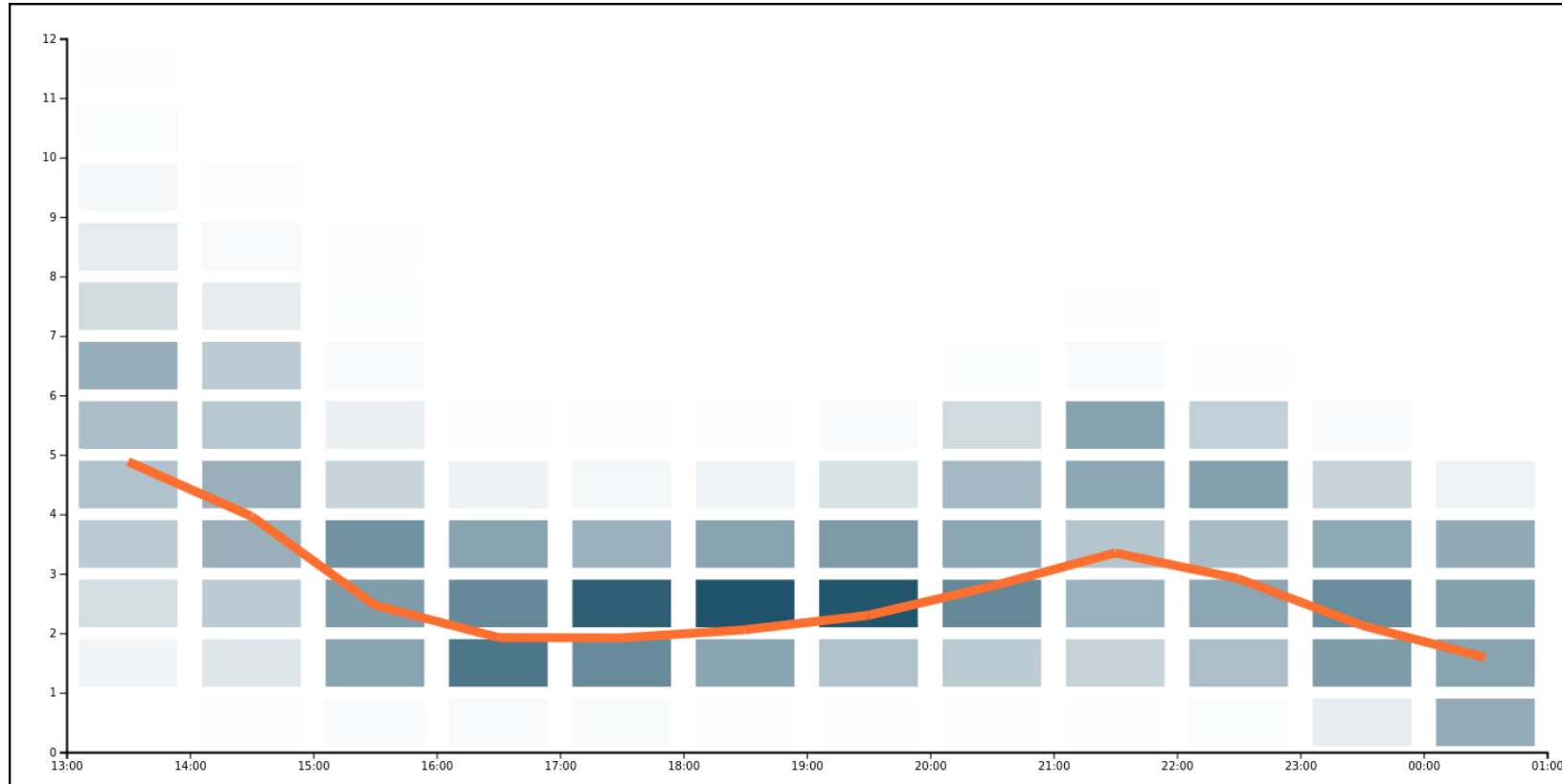
At 11am, daytime looks busy but the evening quiet.

The orange line indicates that between 5 and 6 patients will arrive per hour between 11am and 2pm and the blue boxes indicate that it is most likely that 1 patient will arrive between 4pm and 5pm and 2 per hour between 5pm and 8pm.

Quiet evening shift – 12pm

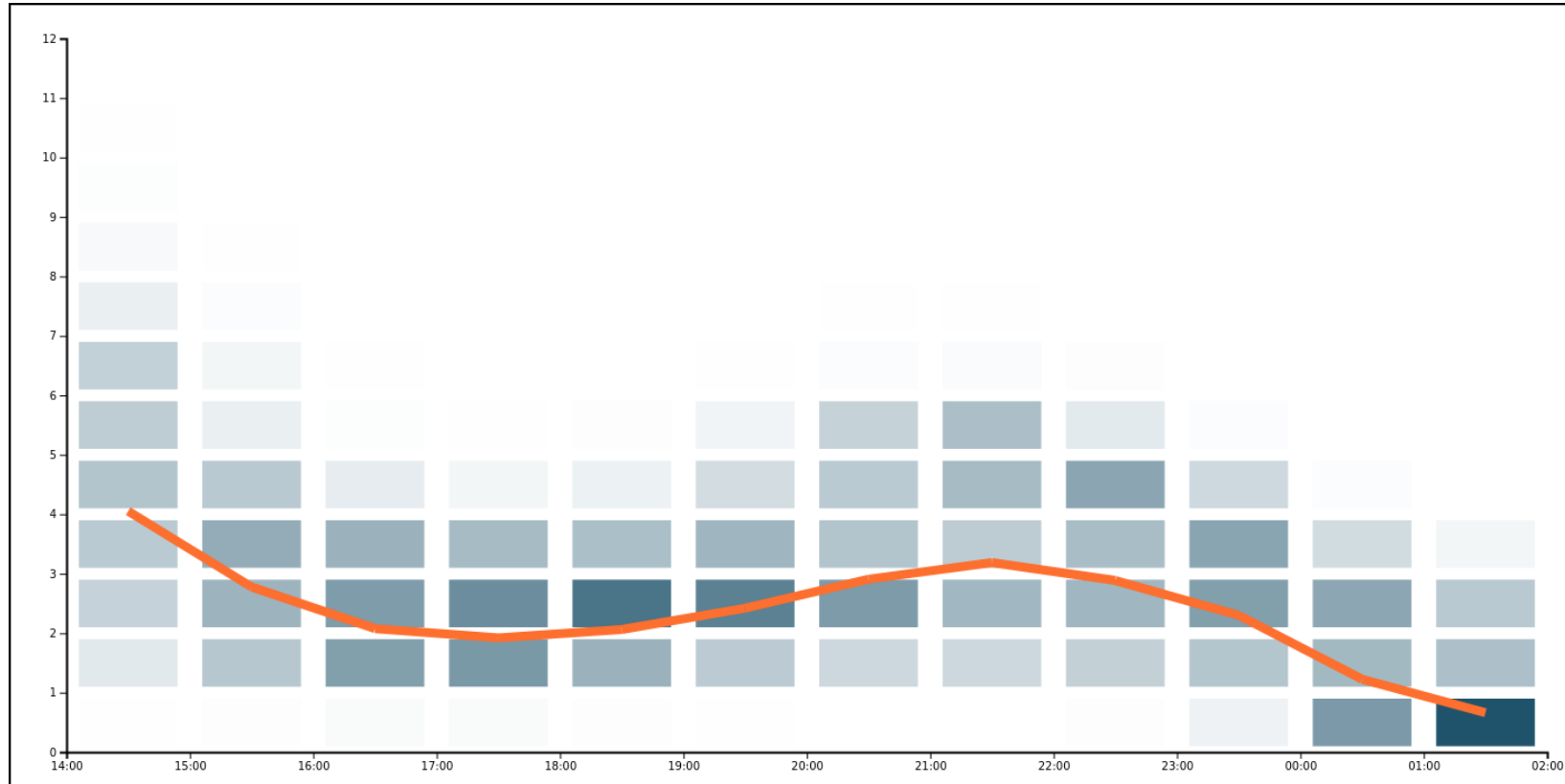


Quiet evening shift – 1pm

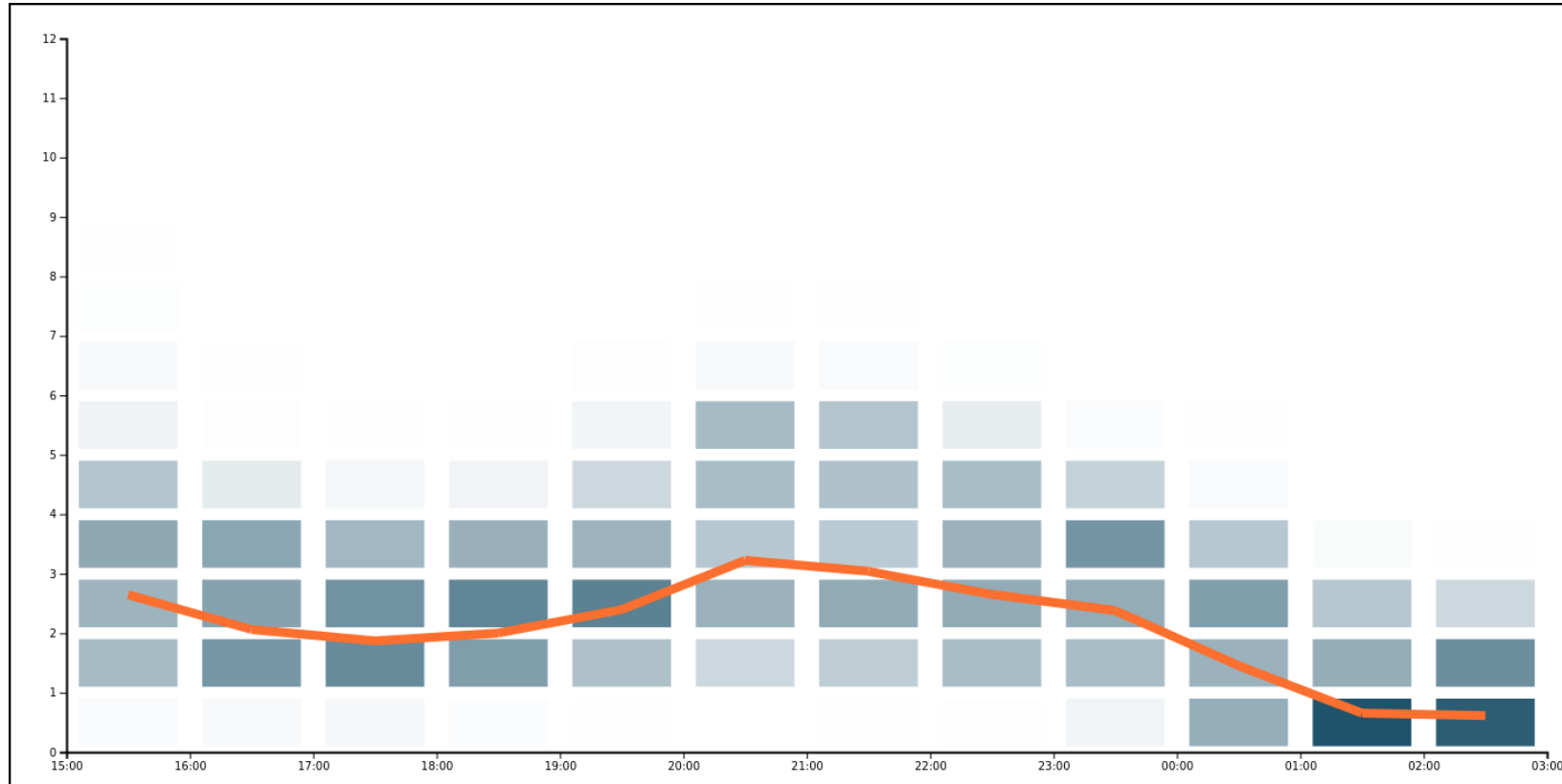


At 1pm, you can see that the evening will stay quiet with only between 2 and 3 patients arriving per hour.

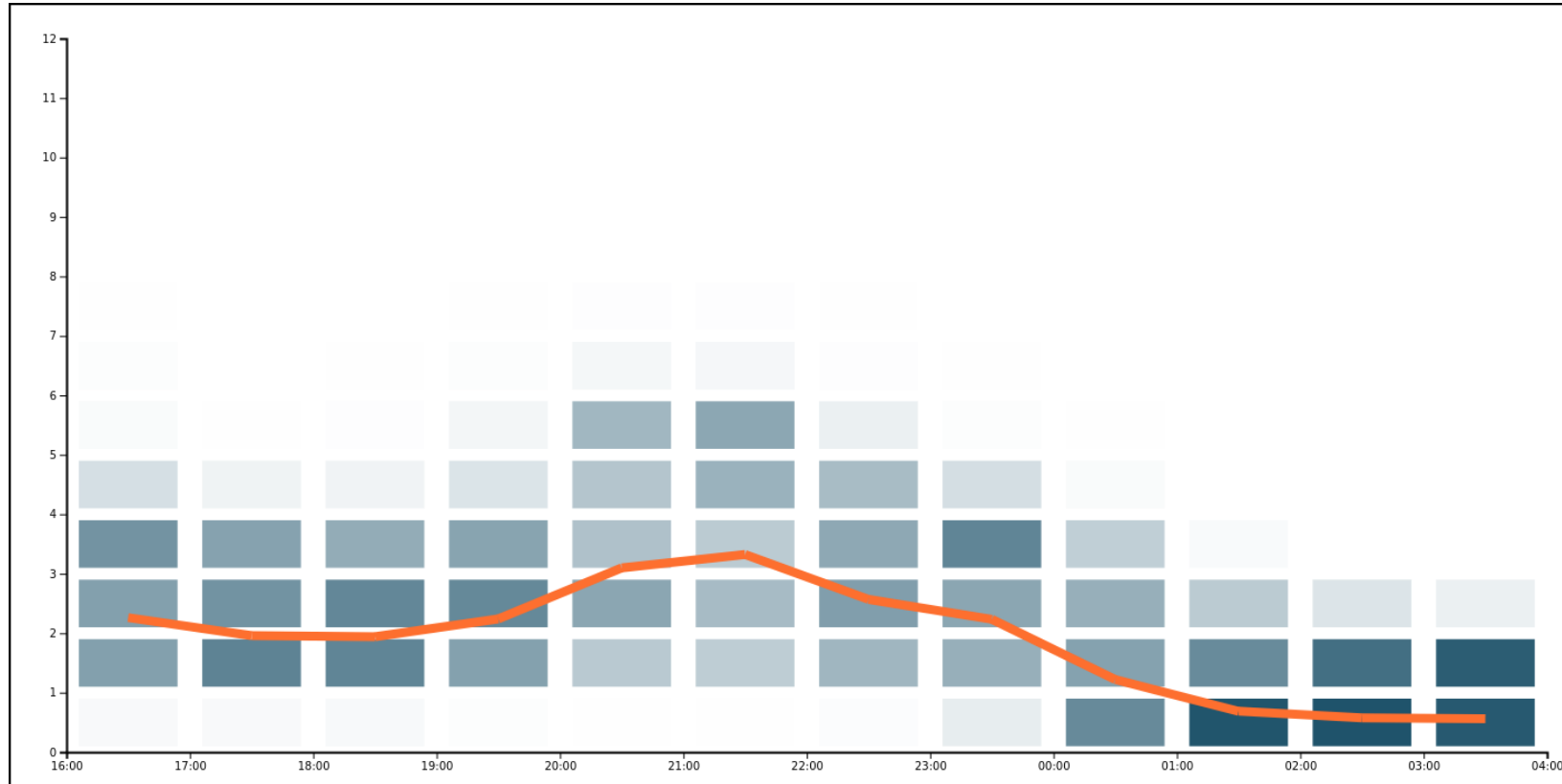
Quiet evening shift – 2pm



Quiet evening shift – 3pm

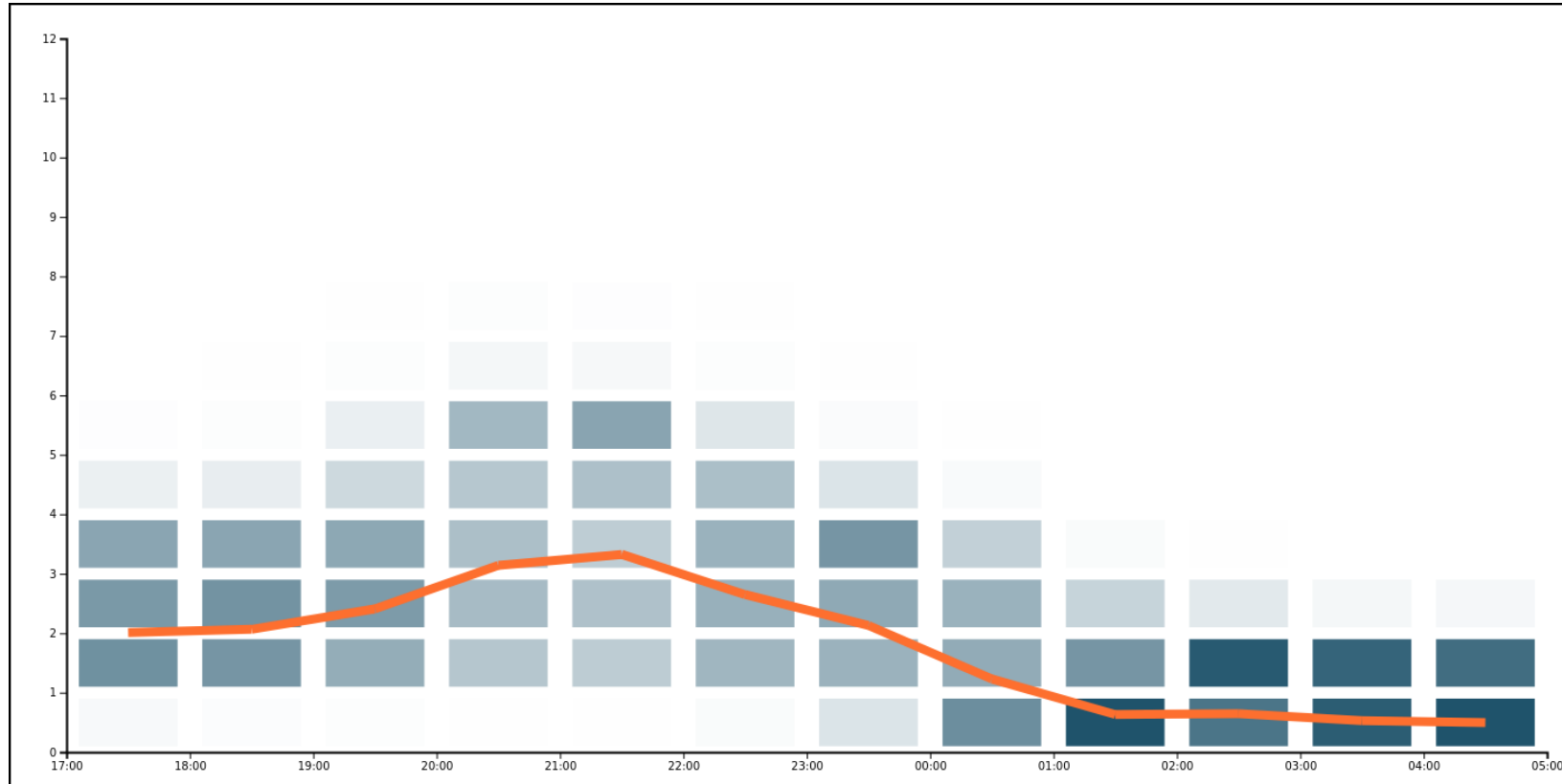


Quiet evening shift – 4pm

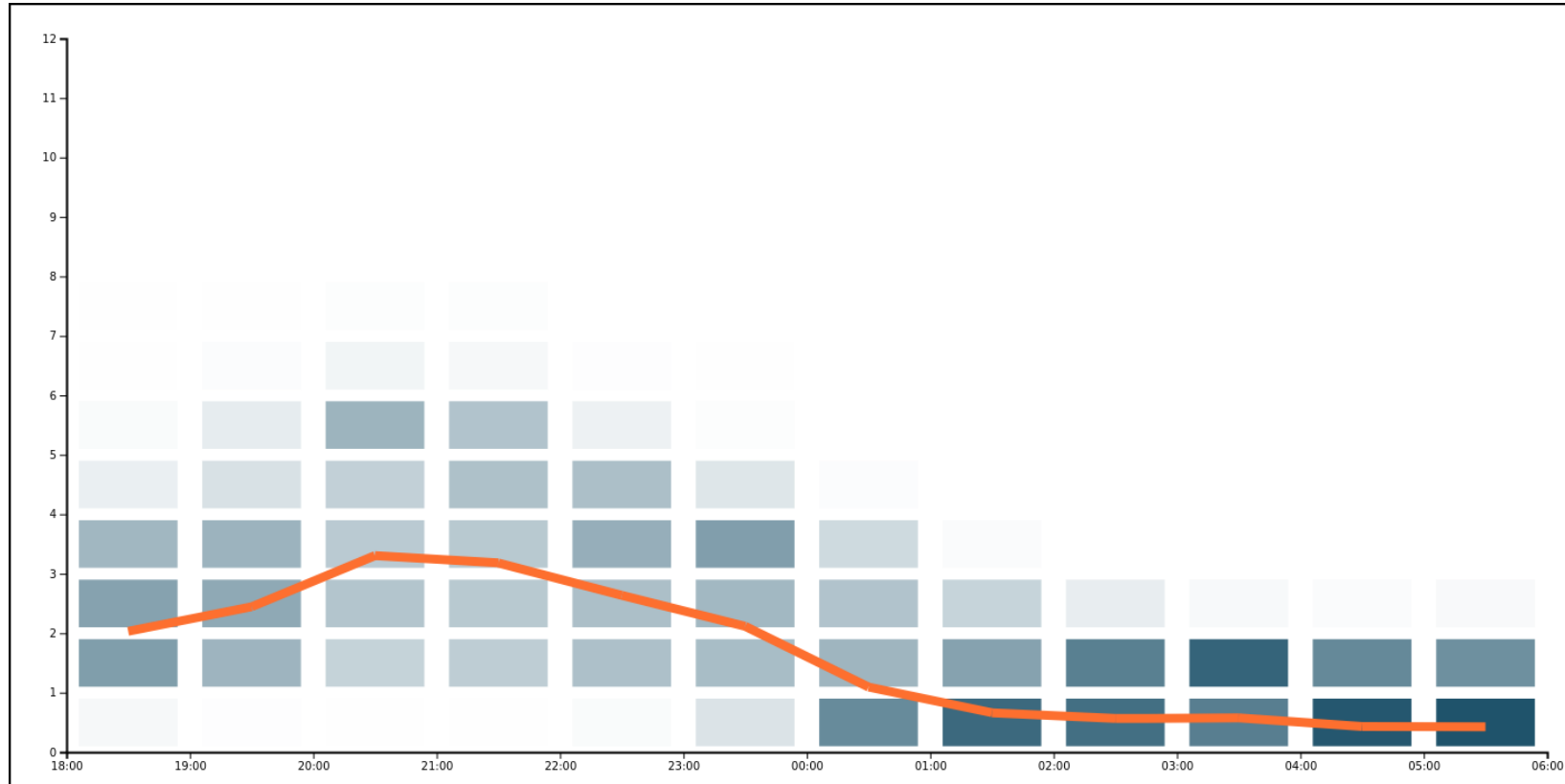


At 4pm, you can see that the night shift will be quiet, too.

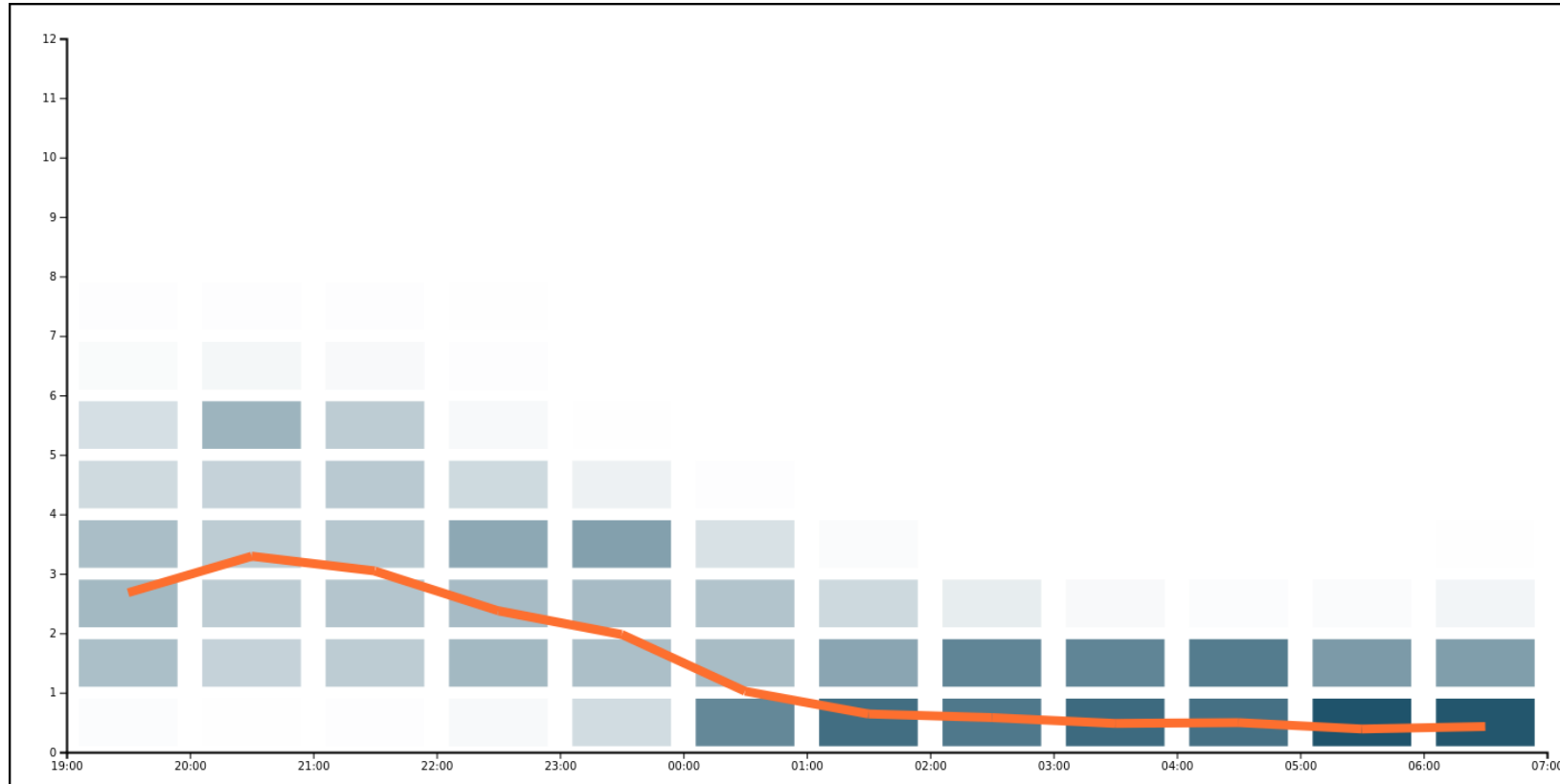
Quiet evening shift – 5pm



Quiet evening shift – 6pm



Quiet evening shift – 7pm



At 7pm, it is confirmed that the night shift will stay quiet.

Quiet evening shift – 8pm

