



# AKADEMISKA HUS

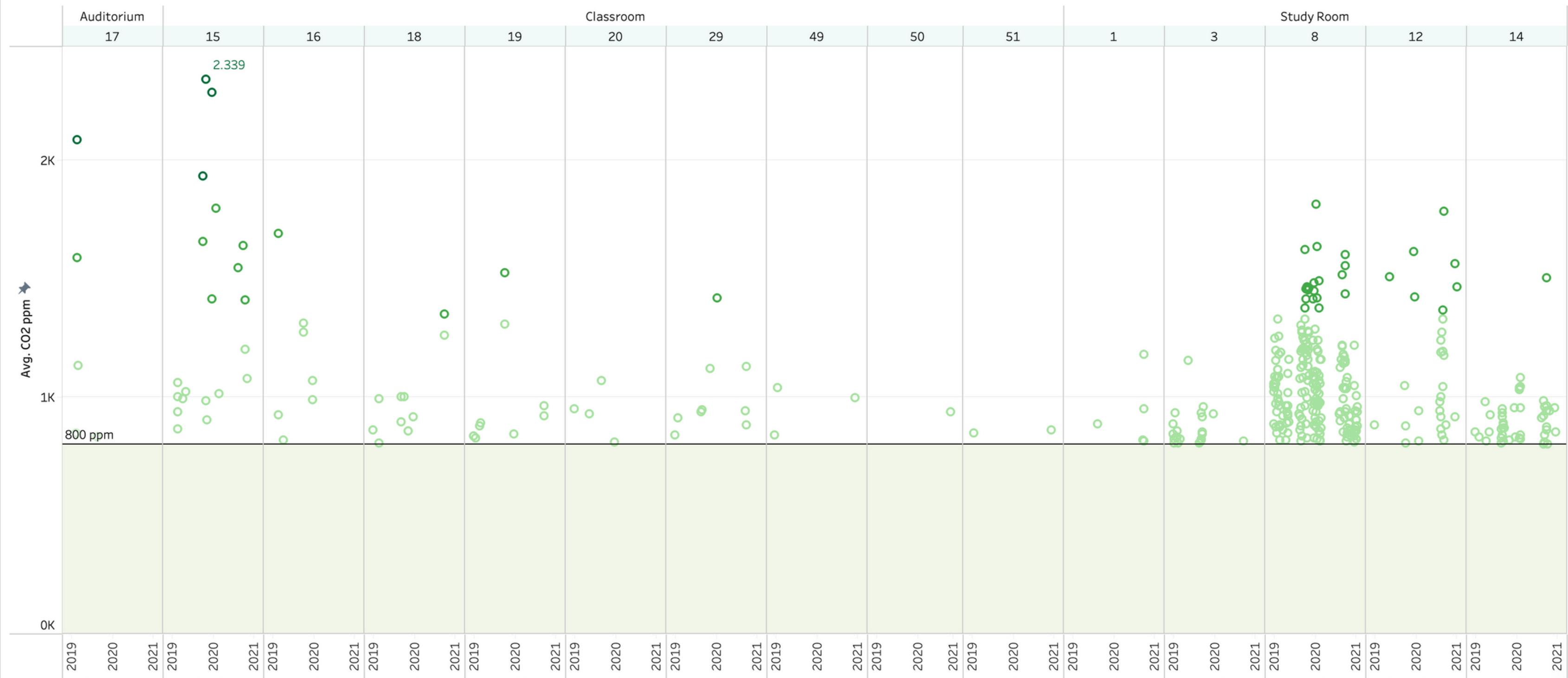
Team 6

Ilaria Zanoni, Hanna Baldwin, Zahra Dasizadeh, Emad Ameri, Maryan Hussein, Yen Hoang

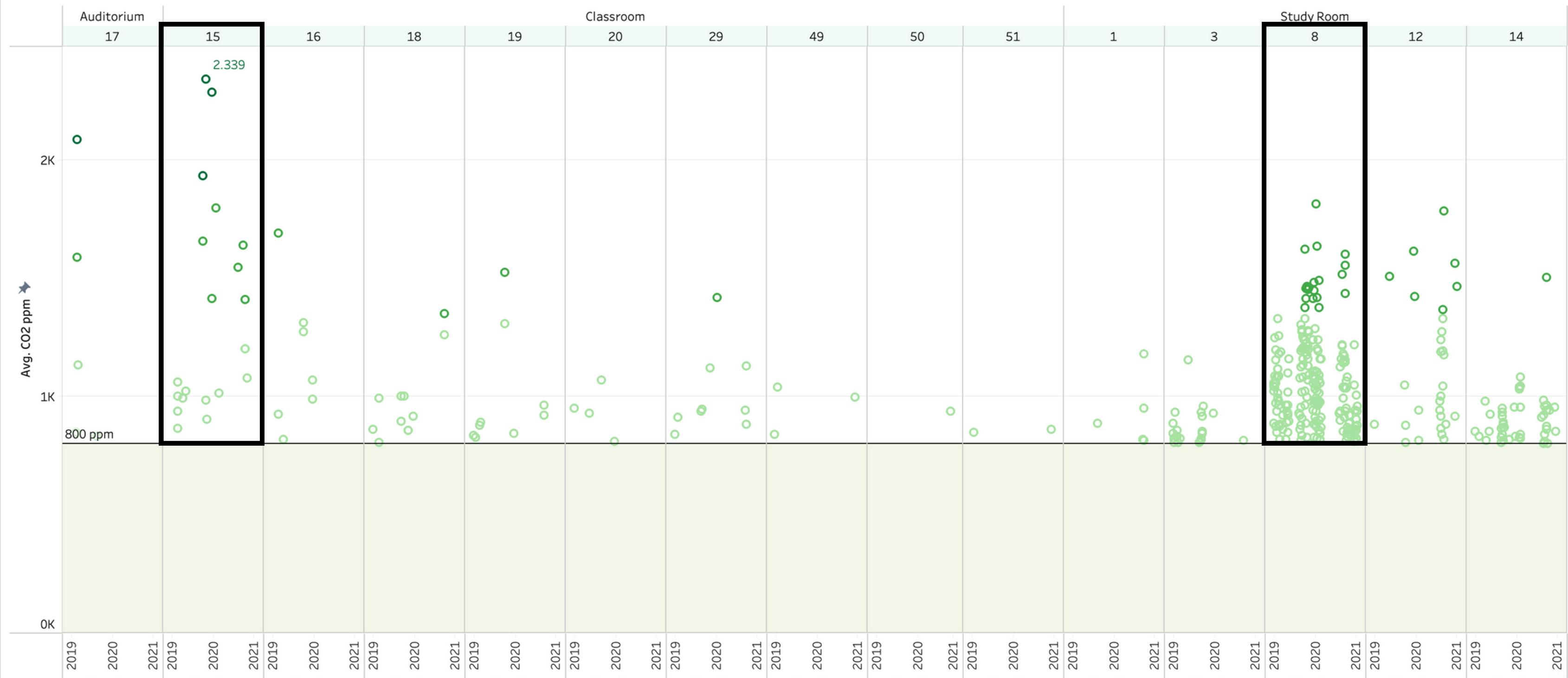


**FLOOR 3**

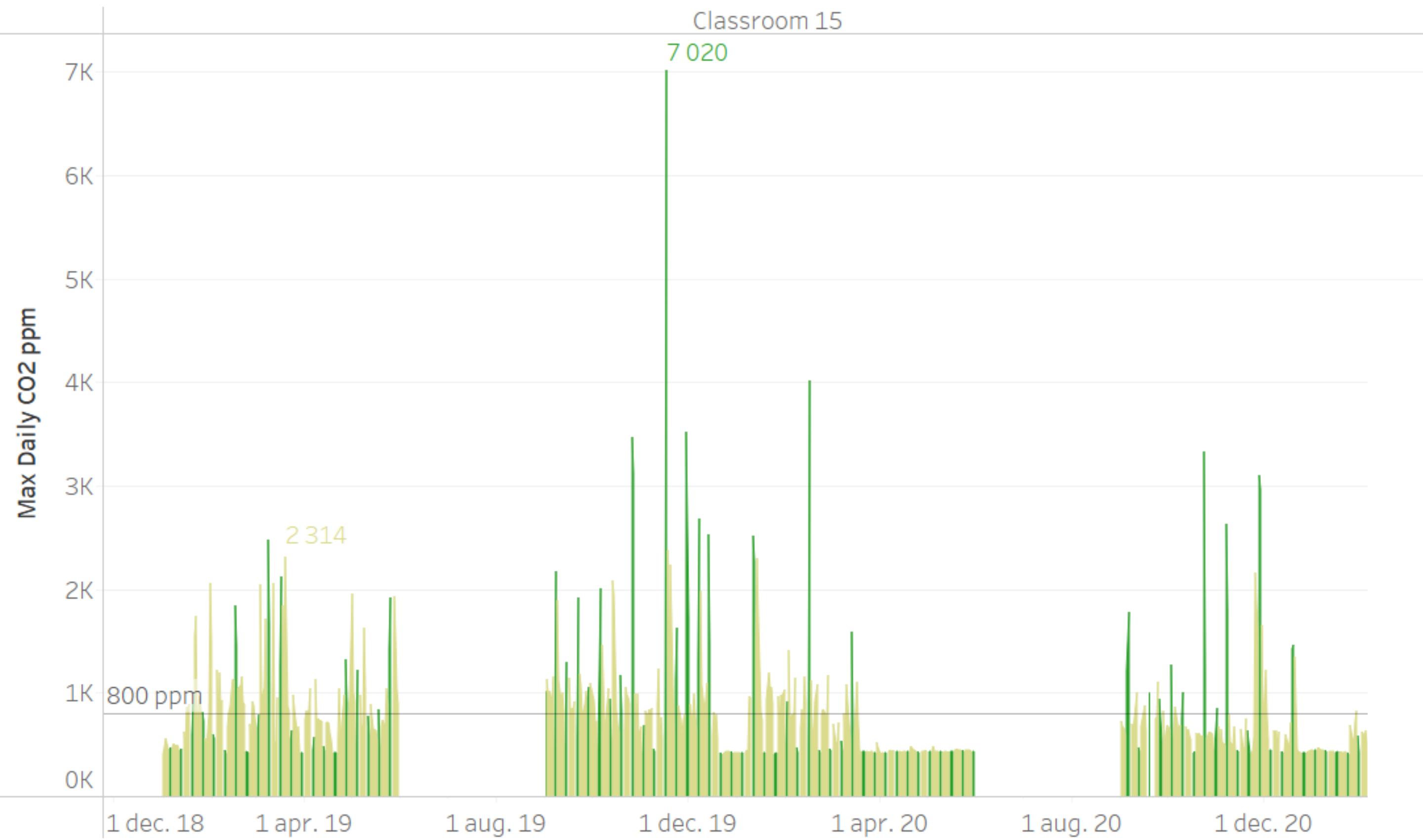
## Daily average CO<sub>2</sub> > 800ppm (floor 3)



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# Maximum Daily CO2



Day of Week

- Weekday
- Weekend

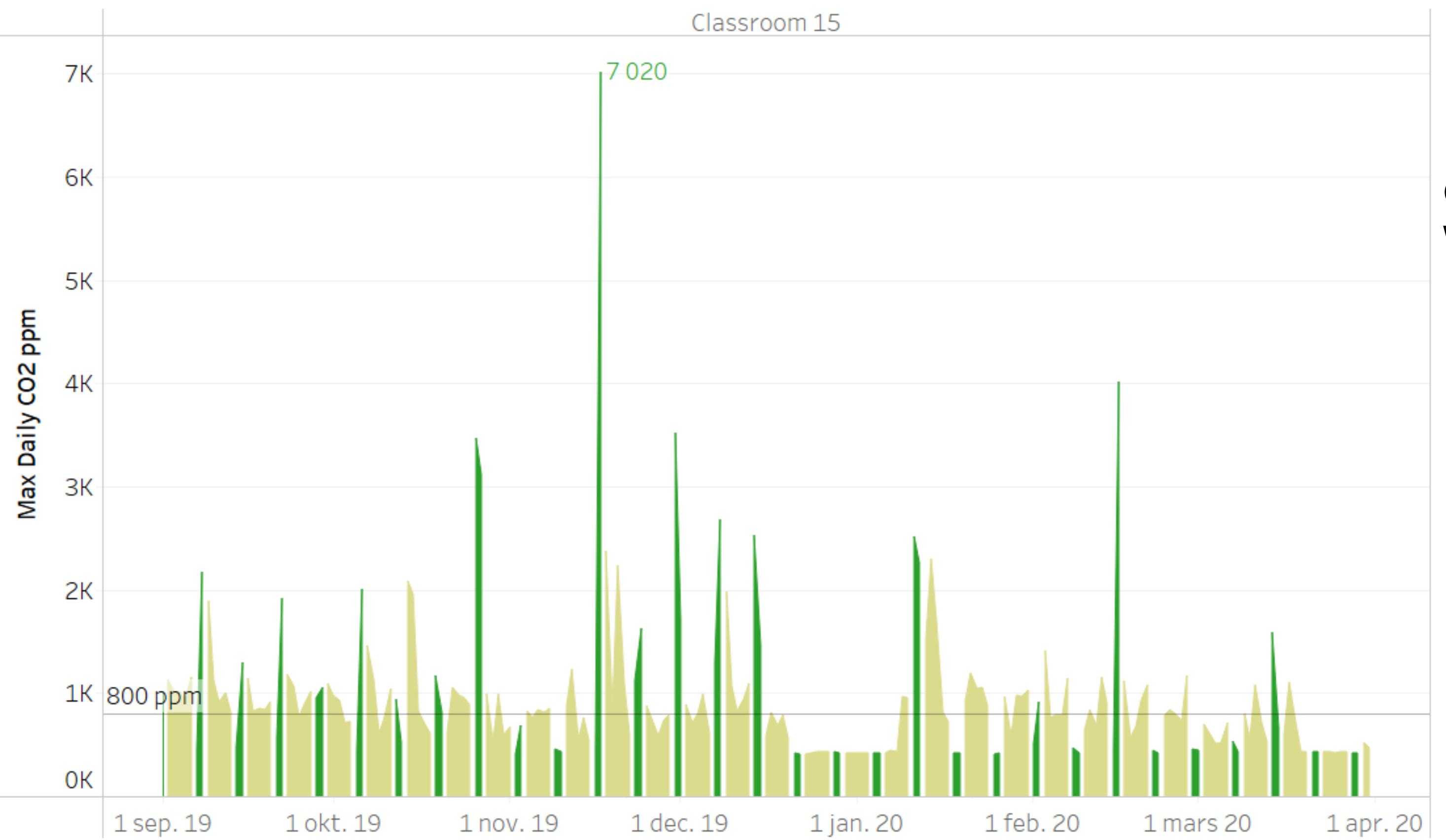
## Classroom 15

- Summers excluded.
- Breaches the company's CO2 limit of 800 ppm on multiple occasions
- Extreme value on the 17th of November 2017



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# Maximum Daily CO2 levels (2019-2020)

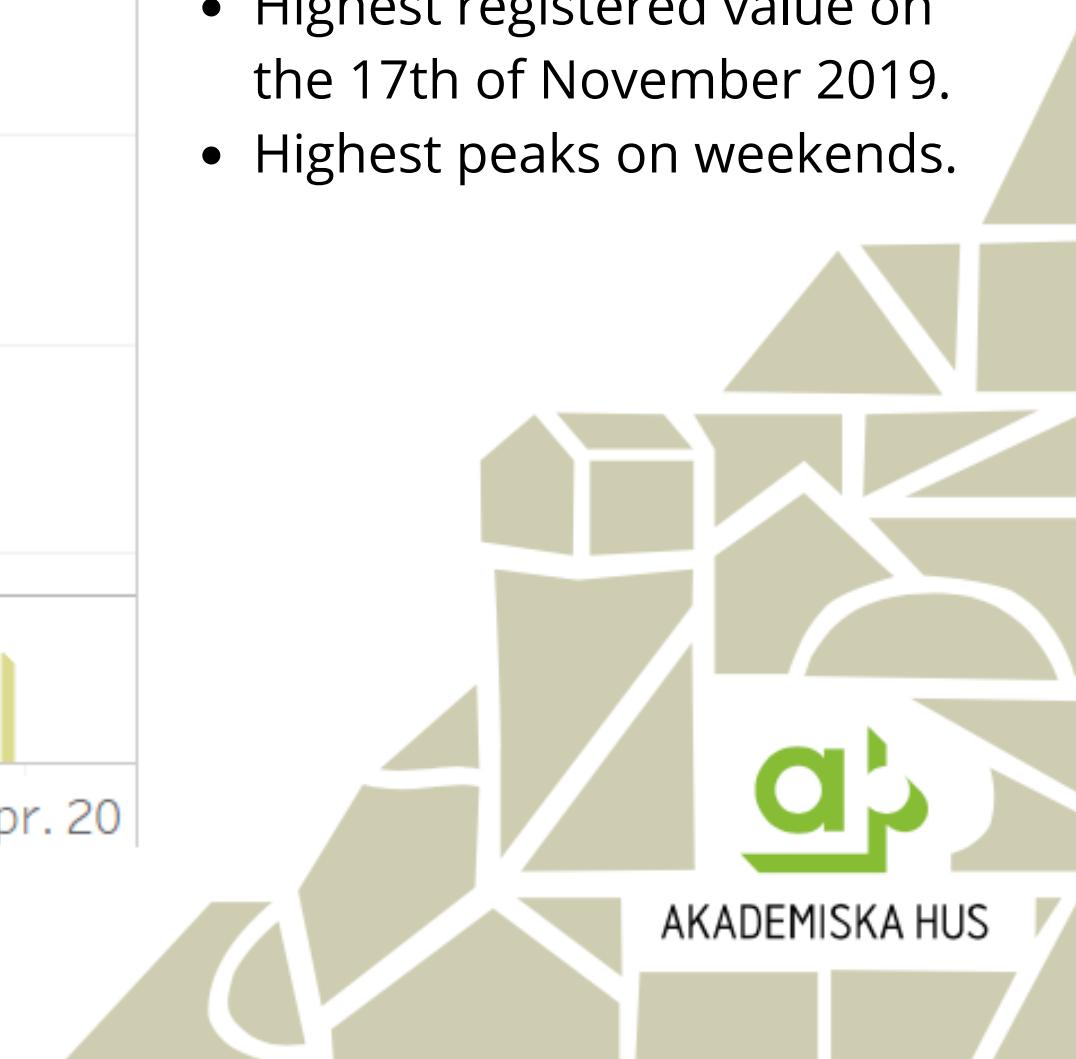


Day of Week

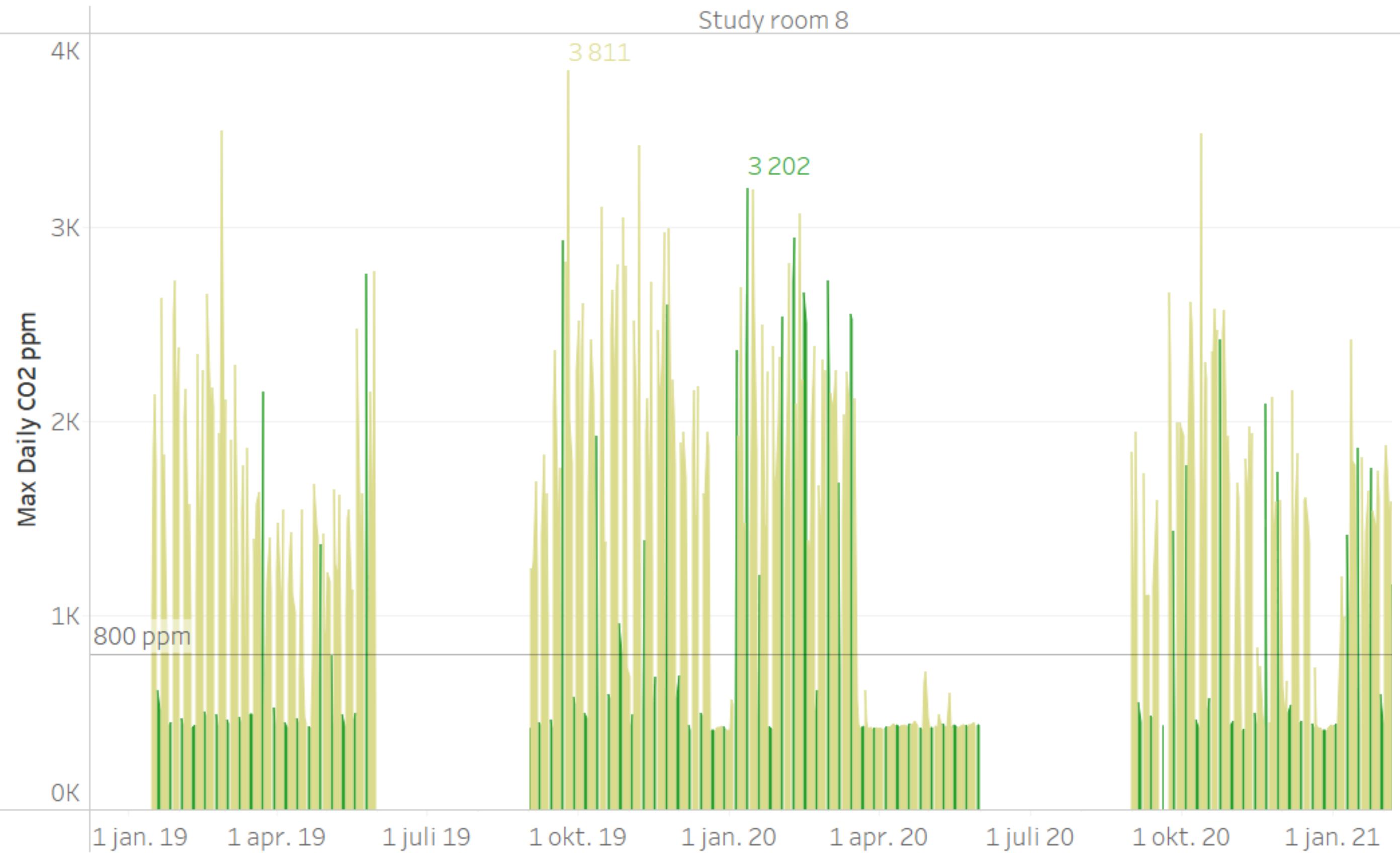
- Weekday
- Weekend

## Classroom 15 Weekends vs weekdays

- Breaches the company's CO2 limit of 800 ppm on multiple occasions
- Highest registered value on the 17th of November 2019.
- Highest peaks on weekends.



# Maximum Daily CO2



## Day of Week

Weekday

Weekend

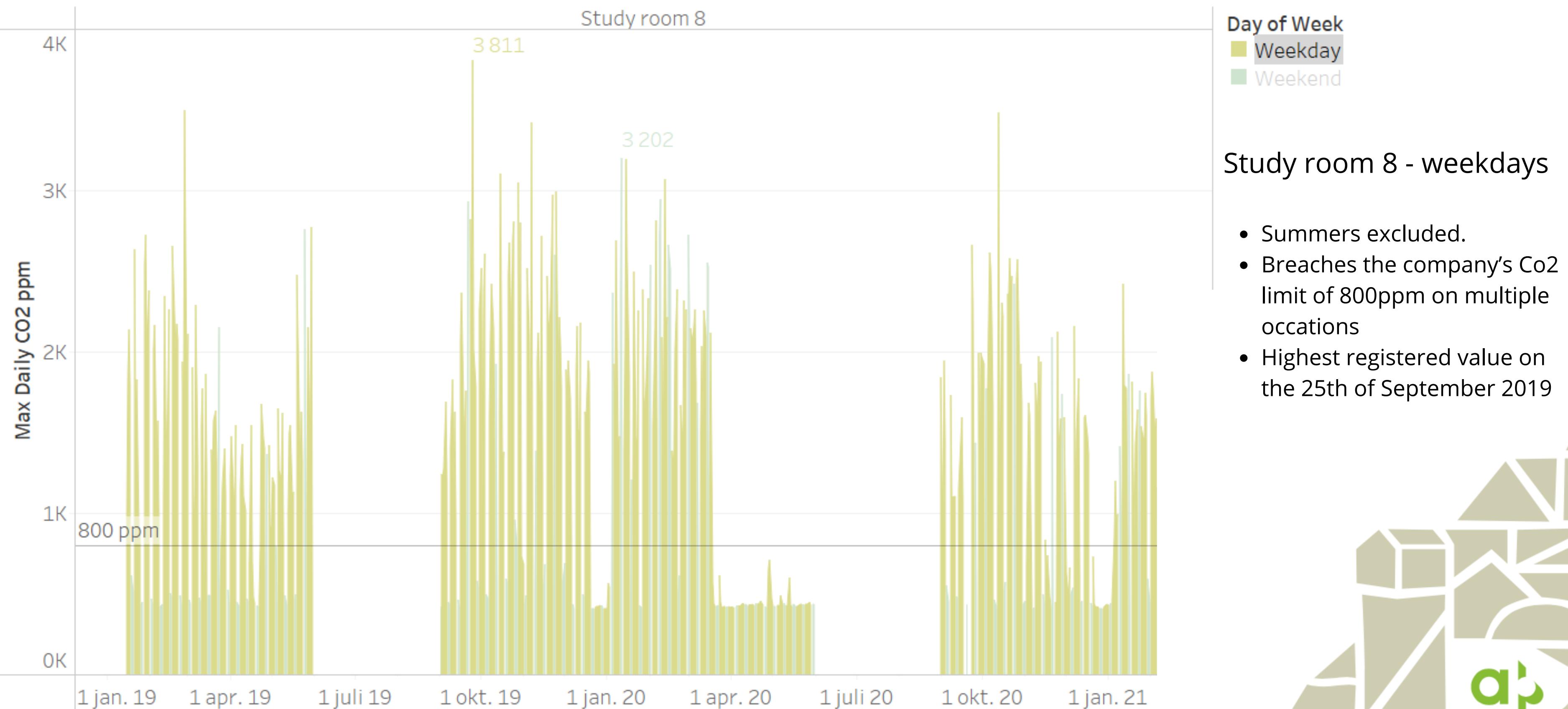
## Study room 8

- Maximum registered value daily. Summers excluded.
- Breaches the company's CO2 limit of 800ppm on multiple occasions
- Highest registered value on the 25th of September 2019



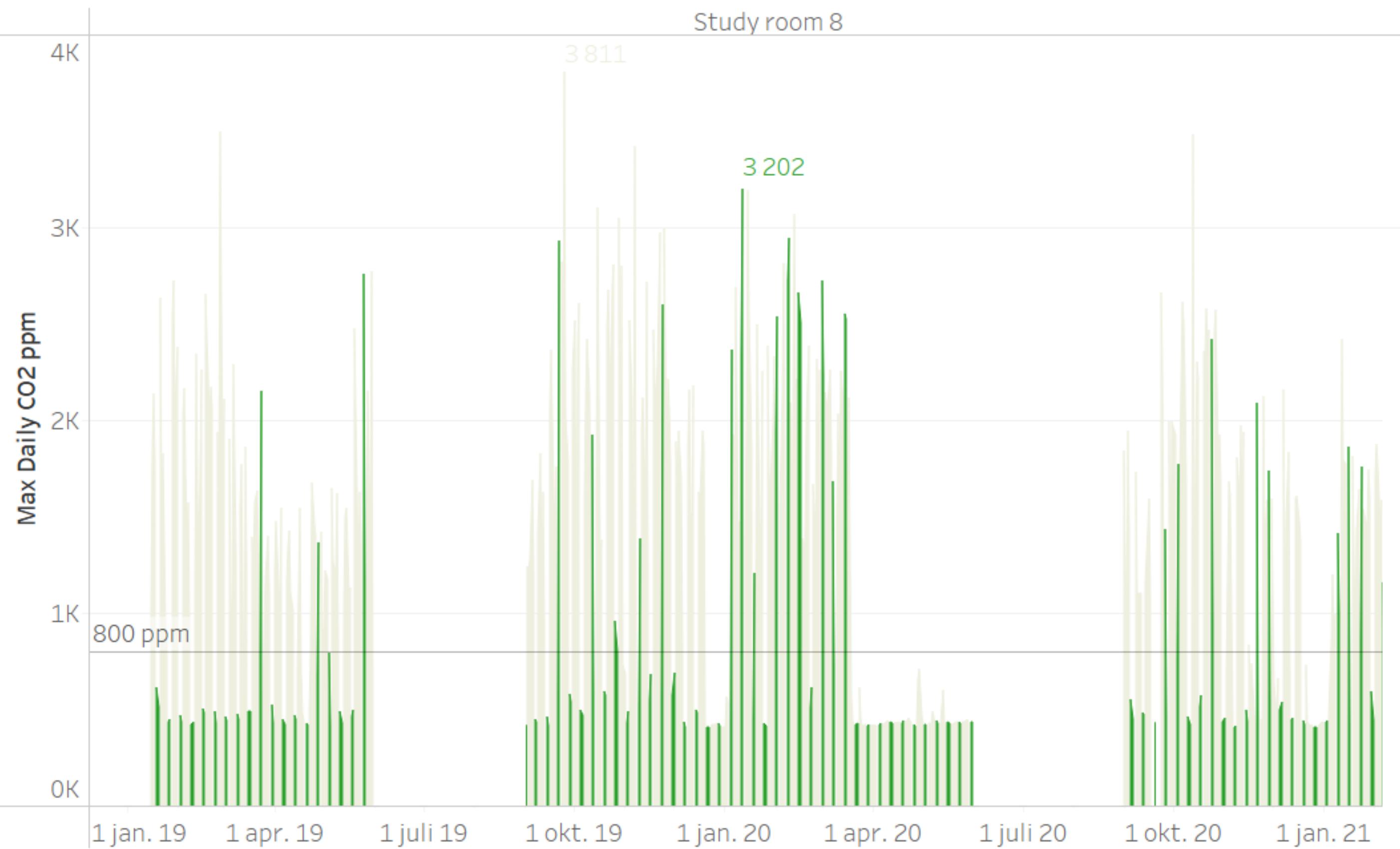
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# Maximum Daily CO2



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# Maximum Daily CO2



## Day of Week

Weekday

Weekend

## Study room 8 - weekends

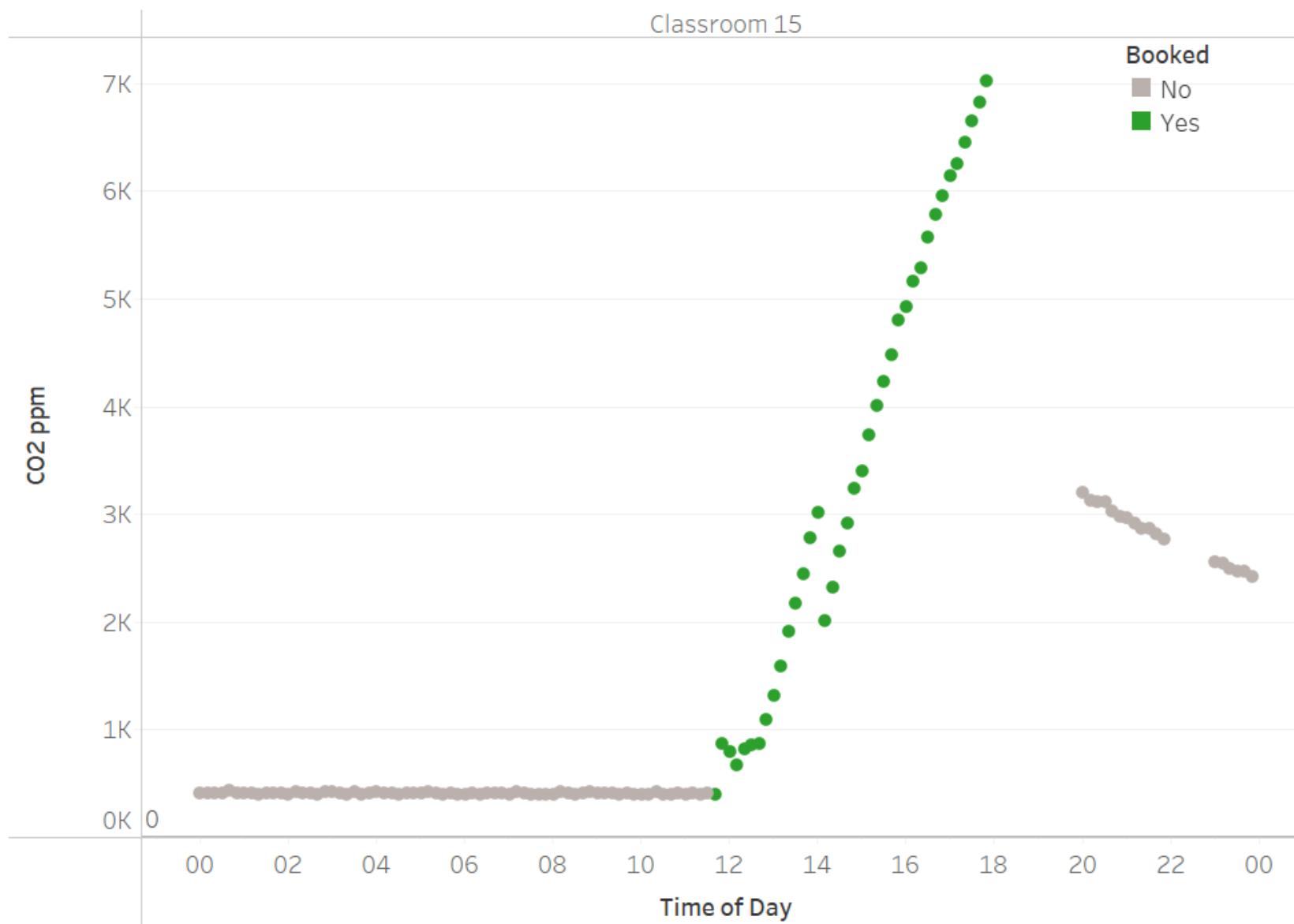
- Summers excluded.
- Breaches the company's CO2 limit of 800 ppm on multiple occasions
- Highest registered value on the 12th of January 2020



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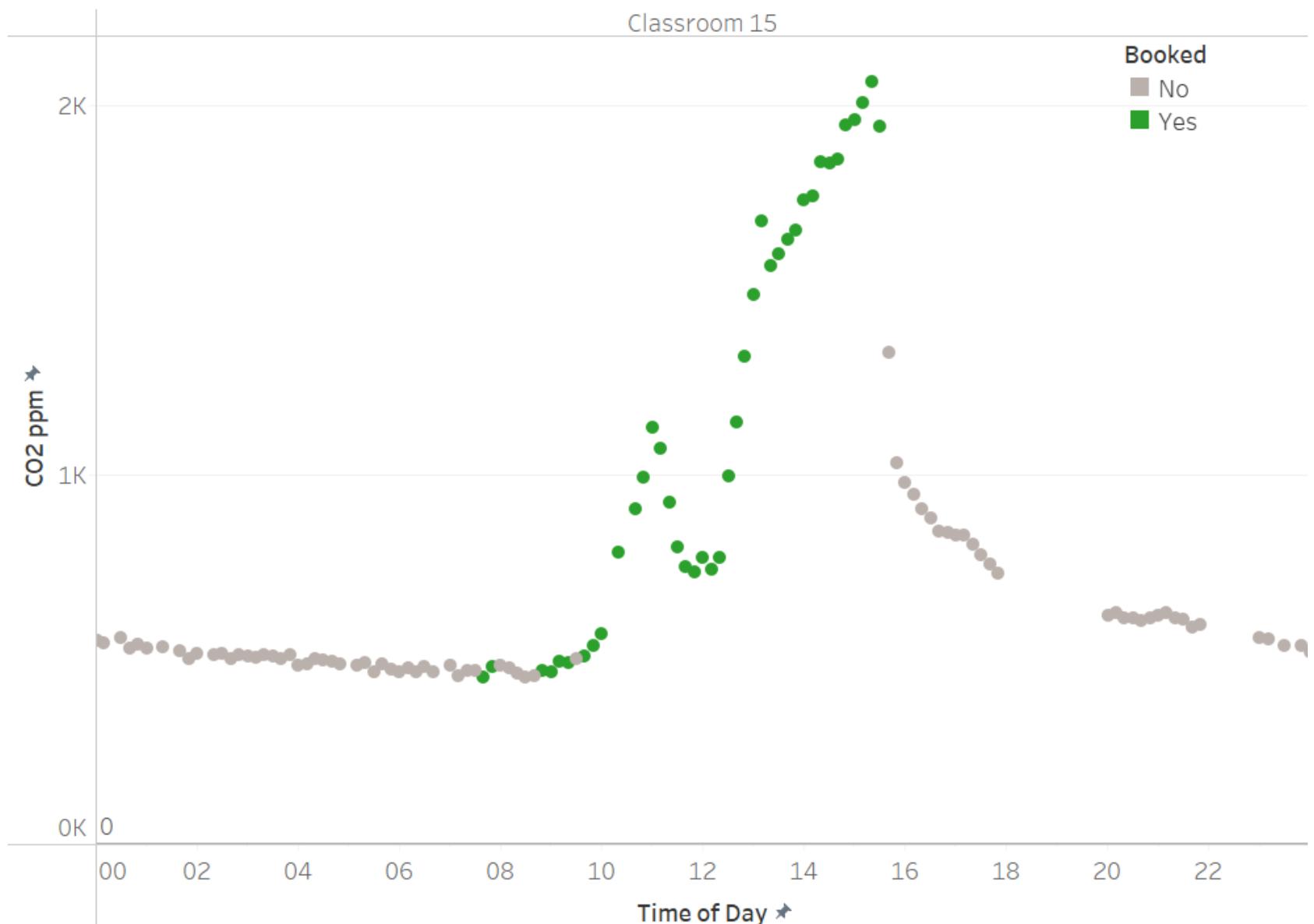
## CO2 Levels in Room 15

Every 10 minutes. 17th of November 2019



## CO2 Levels in Room 15

Every 10 minutes. 12th of March 2019



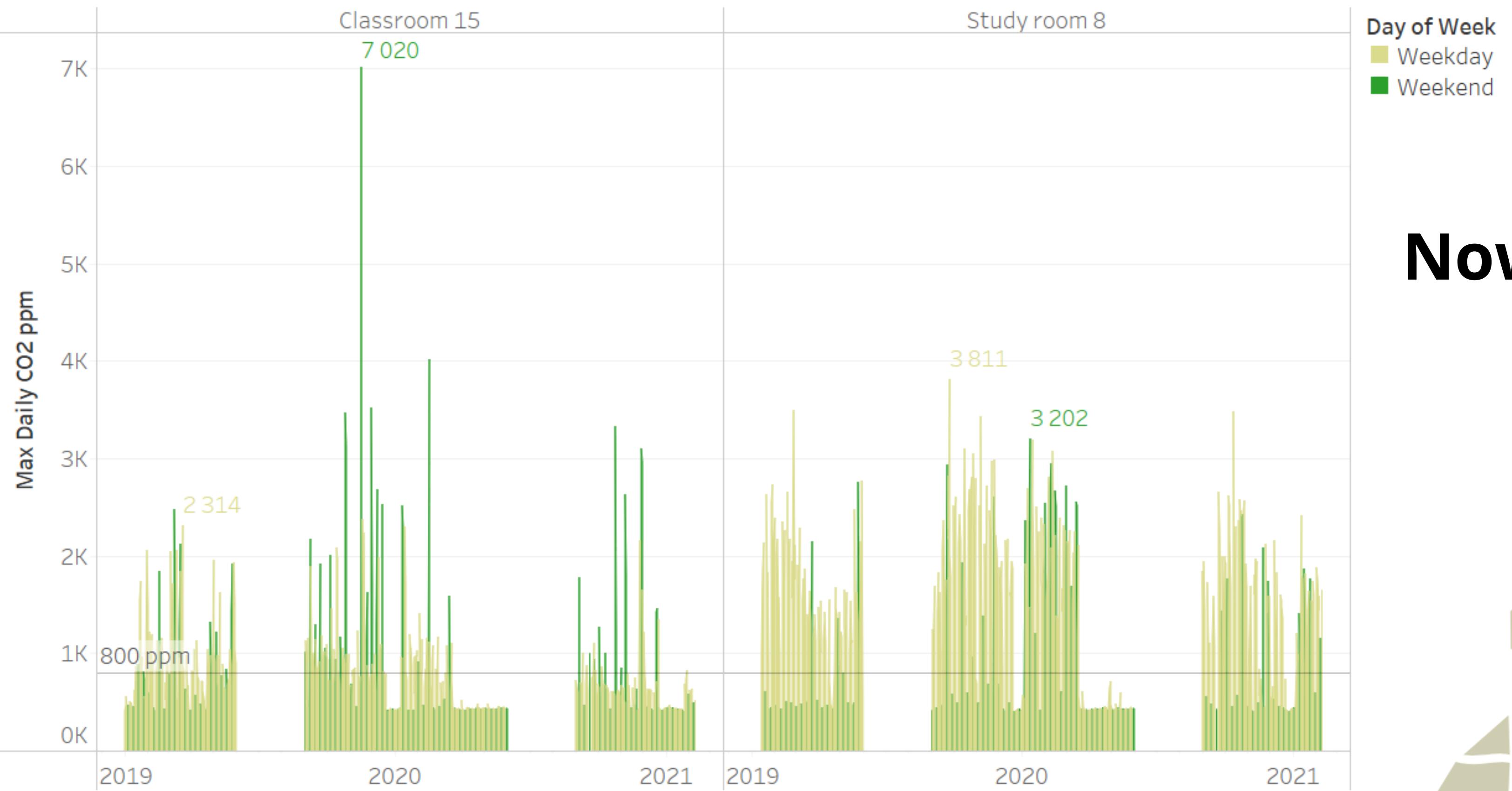
### Example peaks

- Similar patterns of CO2 levels when rooms are in use
- Strong correlation between rooms being in use and not



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# Maximum Daily CO2



## Now what?



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## Suggestions from us:

- Check ventilation on this floor
- Check the types of activities that take place on this floor
- Change the company's guidelines for number of people that are allowed in each rooms at any given time
- Check what type of activity took place during weekends at the end of 2019 in room 15



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