

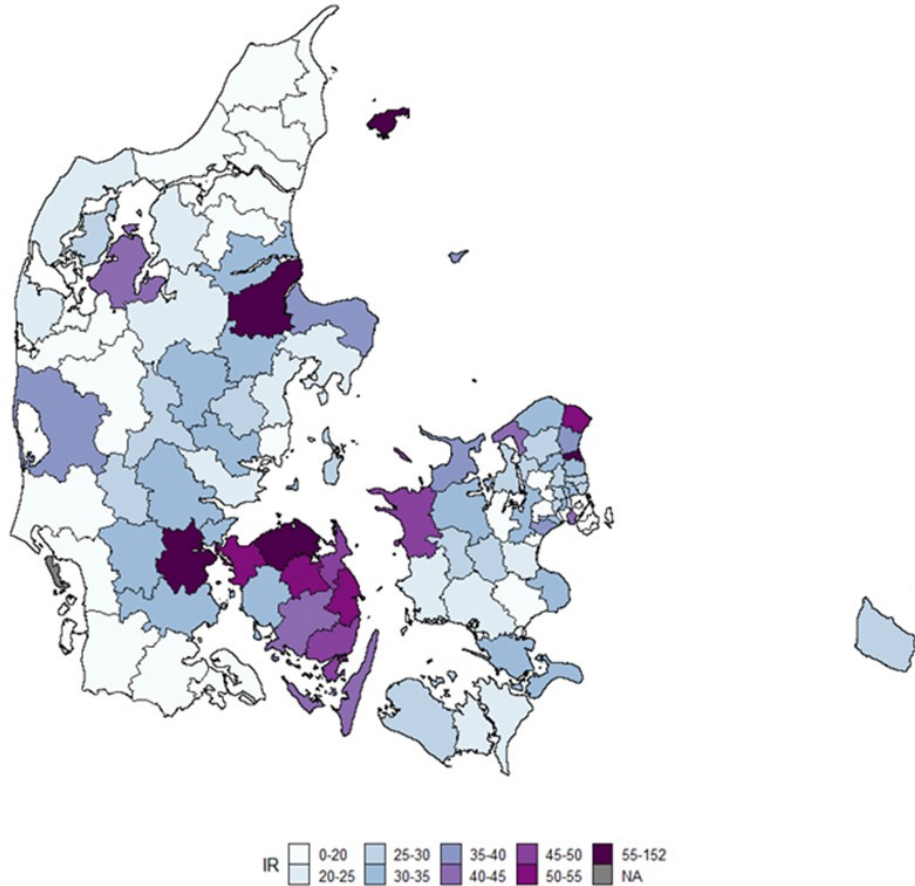
# Geografiske forhold og Legionella-incidens

Skyldes den geografiske variation at fjernvarmetemperaturen er blevet lavere?

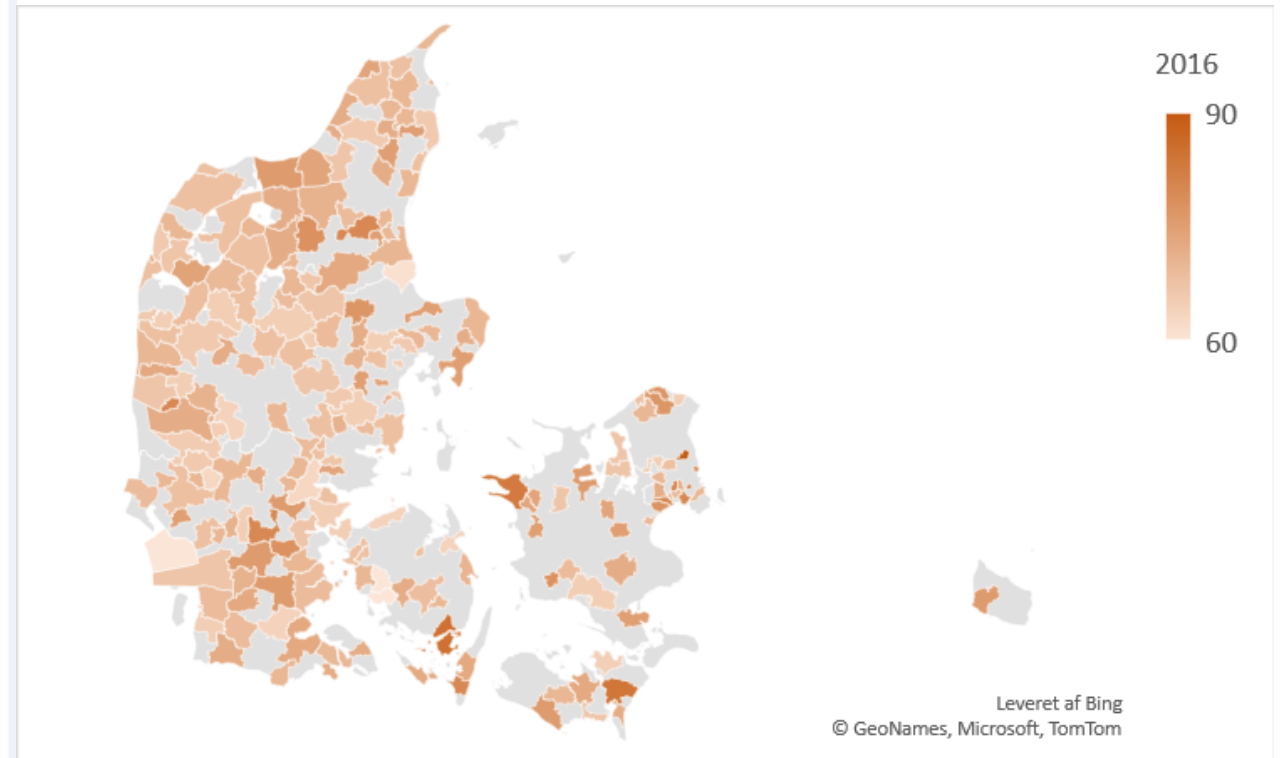
Carl Hellmers  
Fredericia Fjernvarme a.m.b.a.

## Geografisk variation

### Legionellaincidens

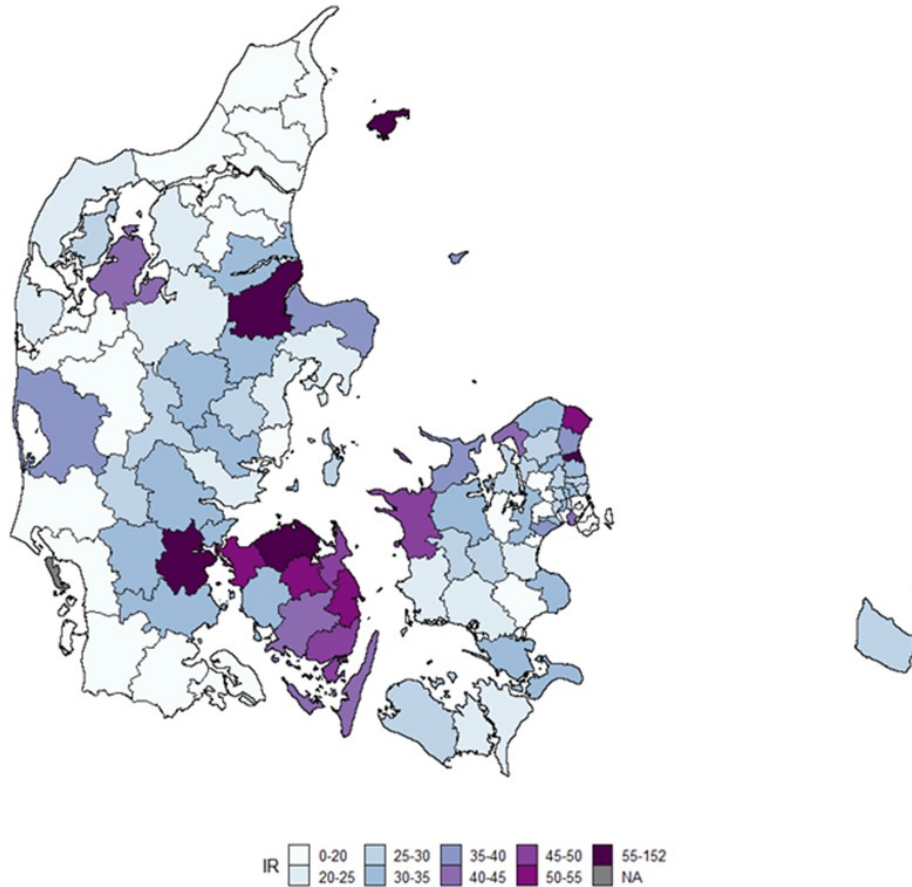


### Fjernvarmetemperaturer sommer

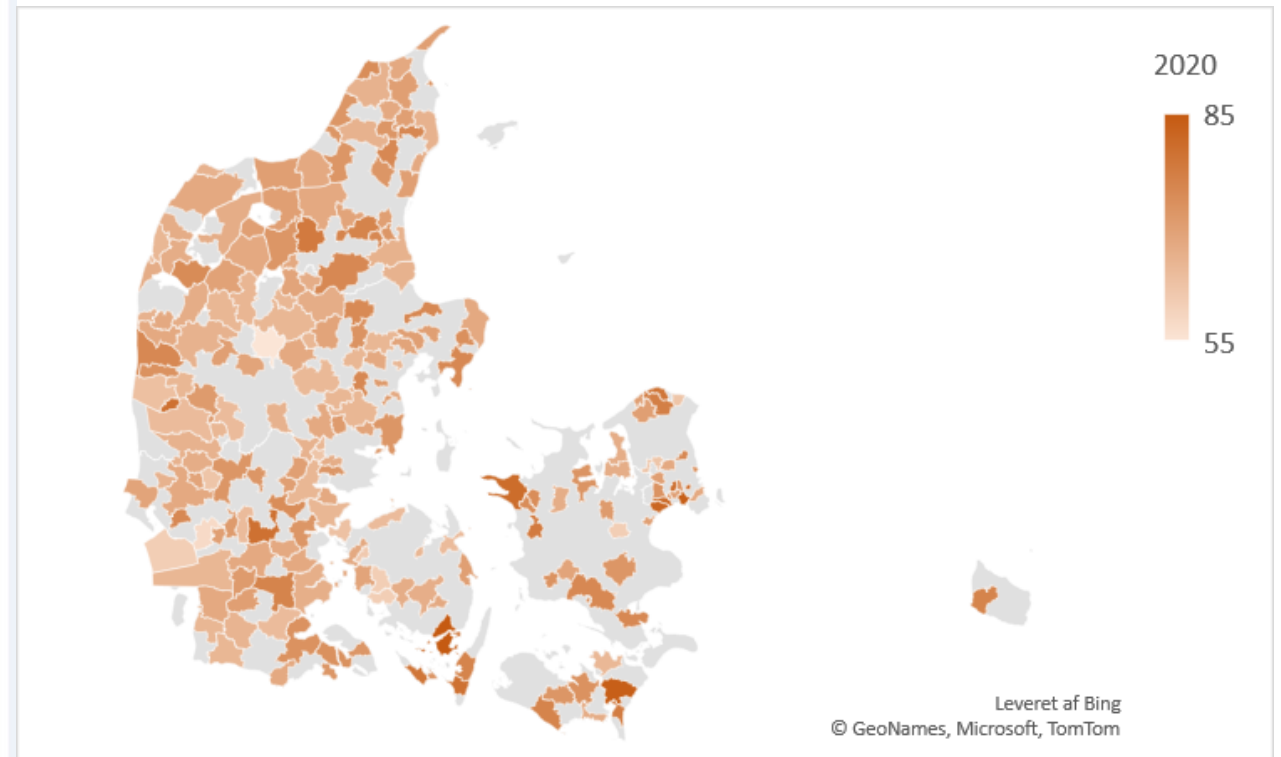


## Geografisk variation

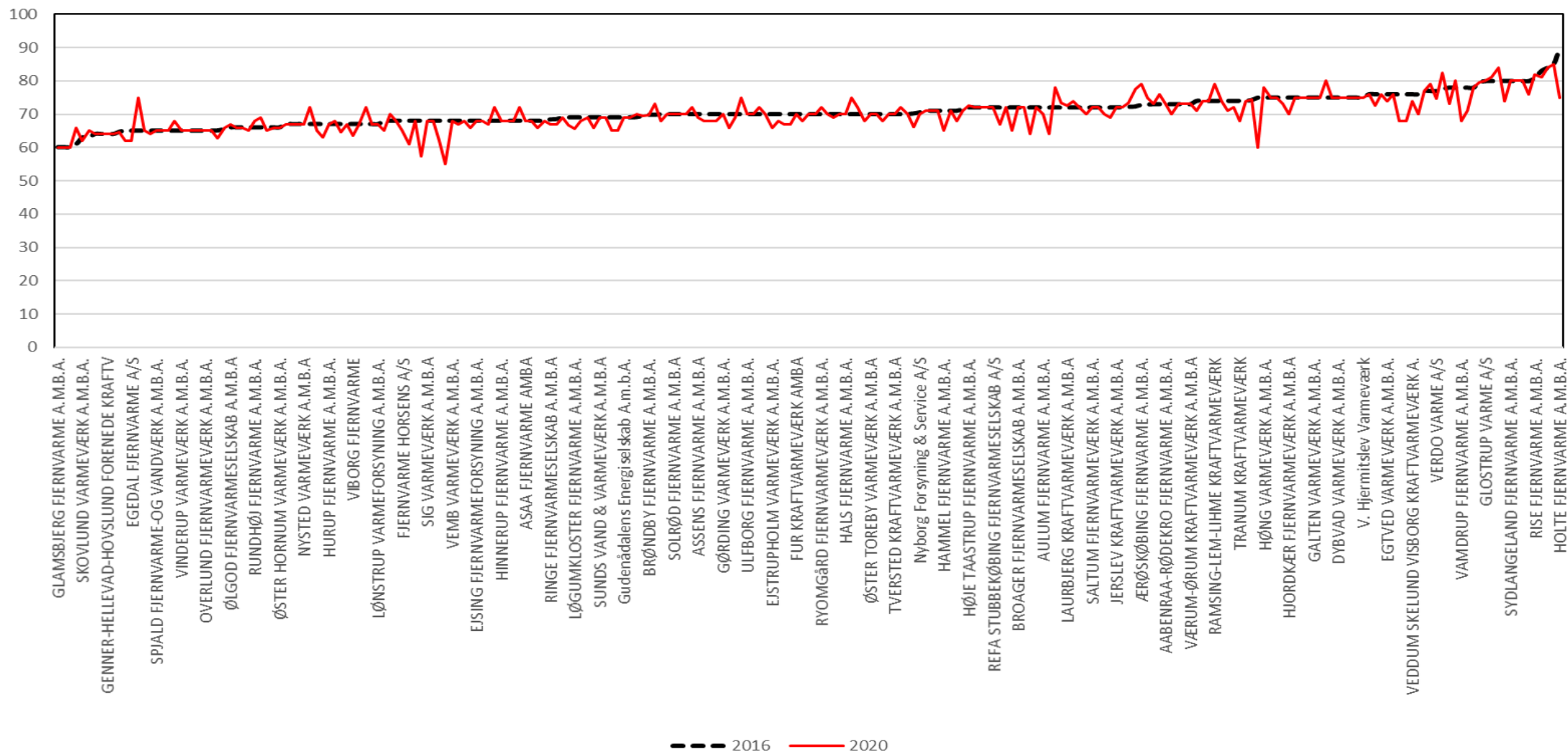
### Legionellaincidens



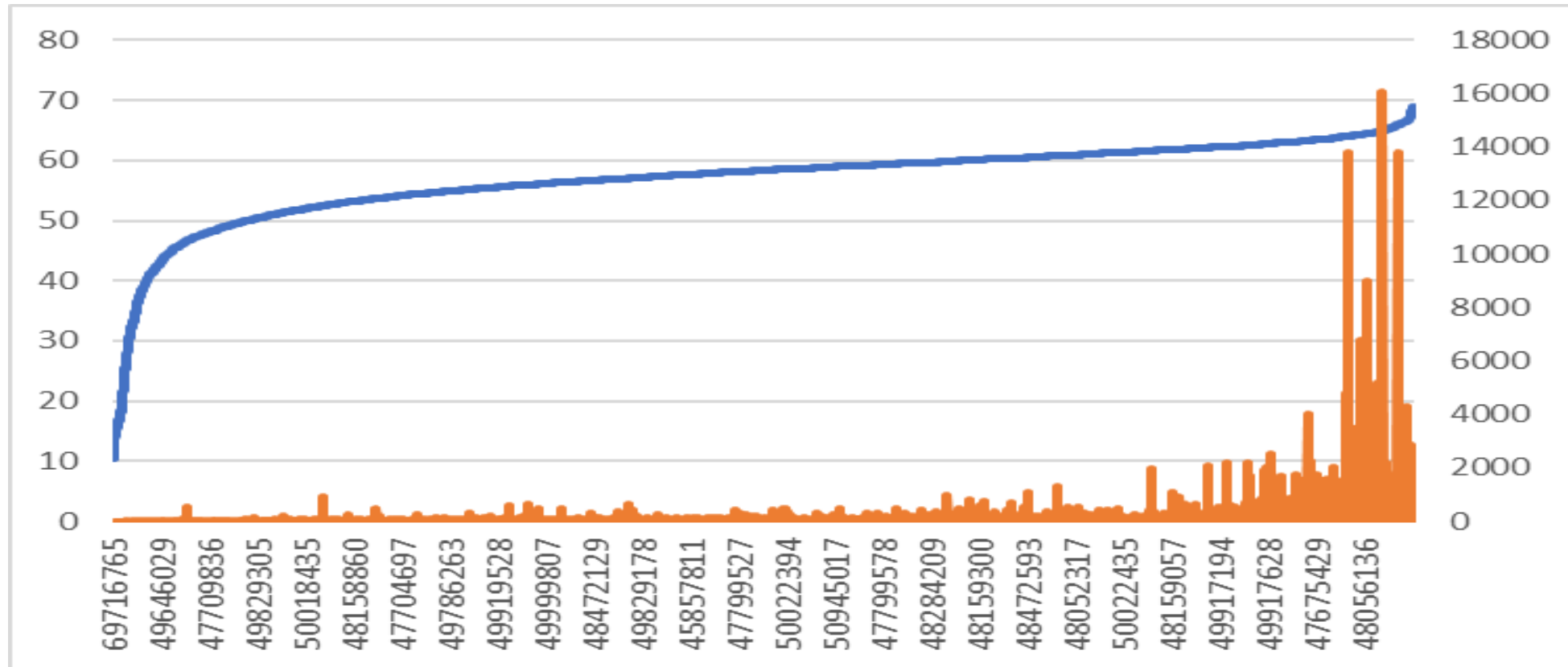
### Fjernvarmetemperaturer sommer



## Fremløbstemperatur 2016 - 2020

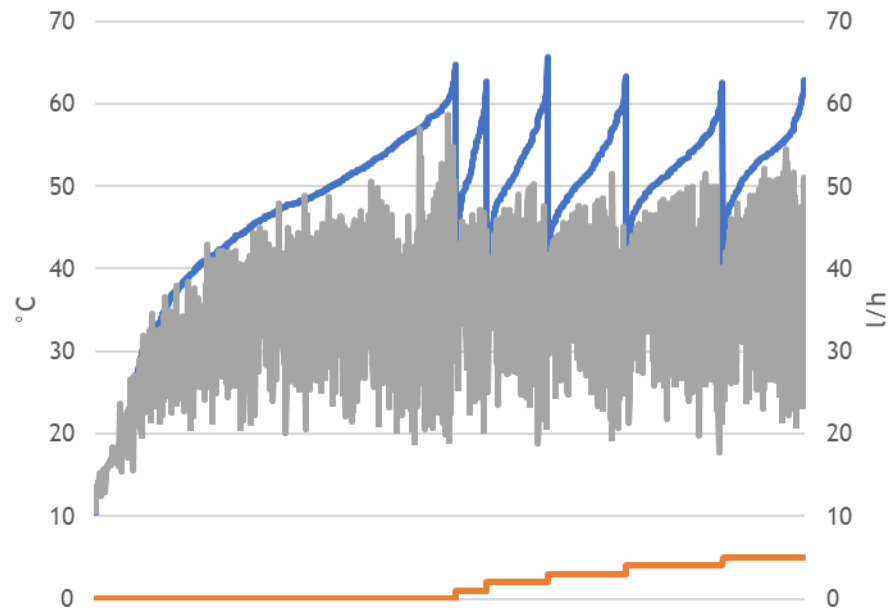


## Forsyningsområdet Forbrug og temperatur



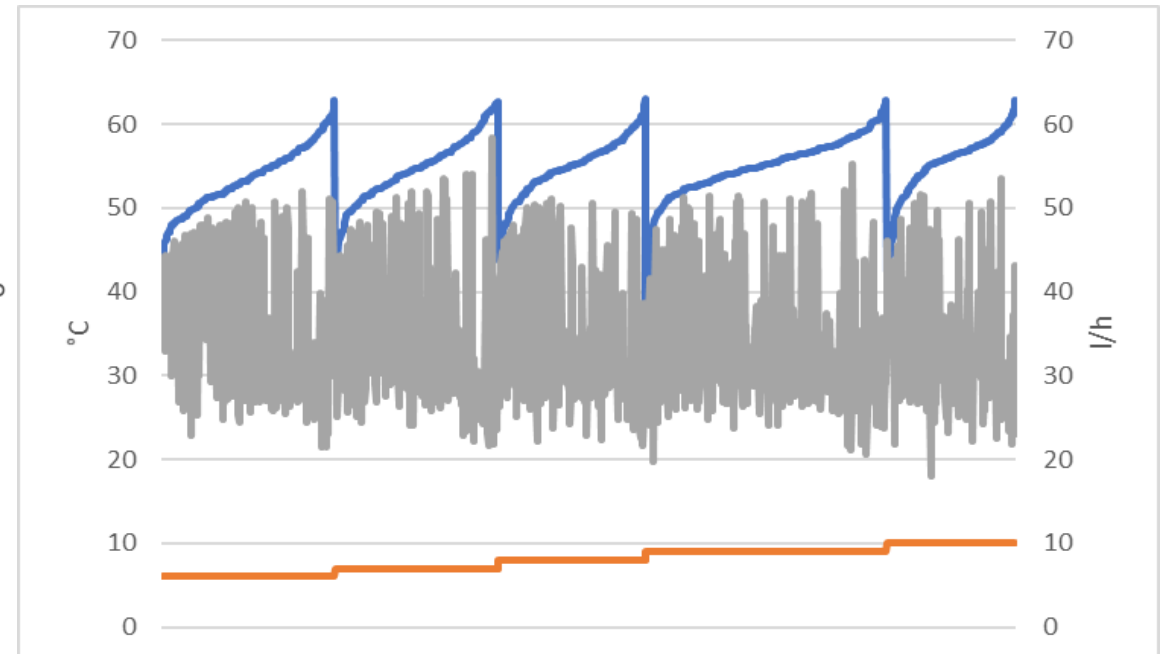
# Lokal variation

11. oktober 2021



2607 forbrugere

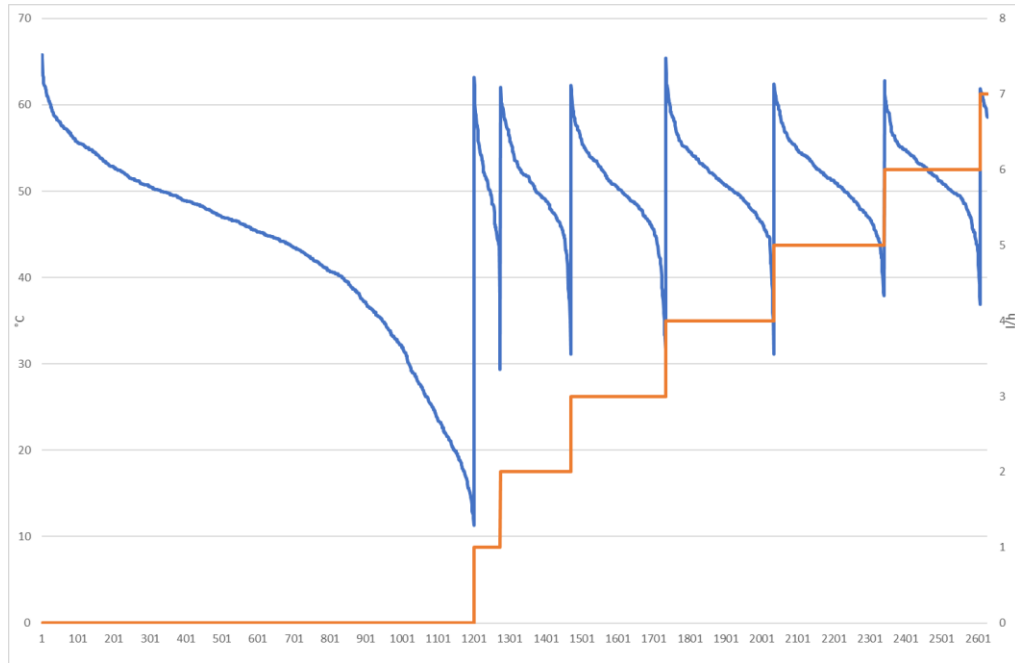
— Fremløb  
— Flow  
— retur



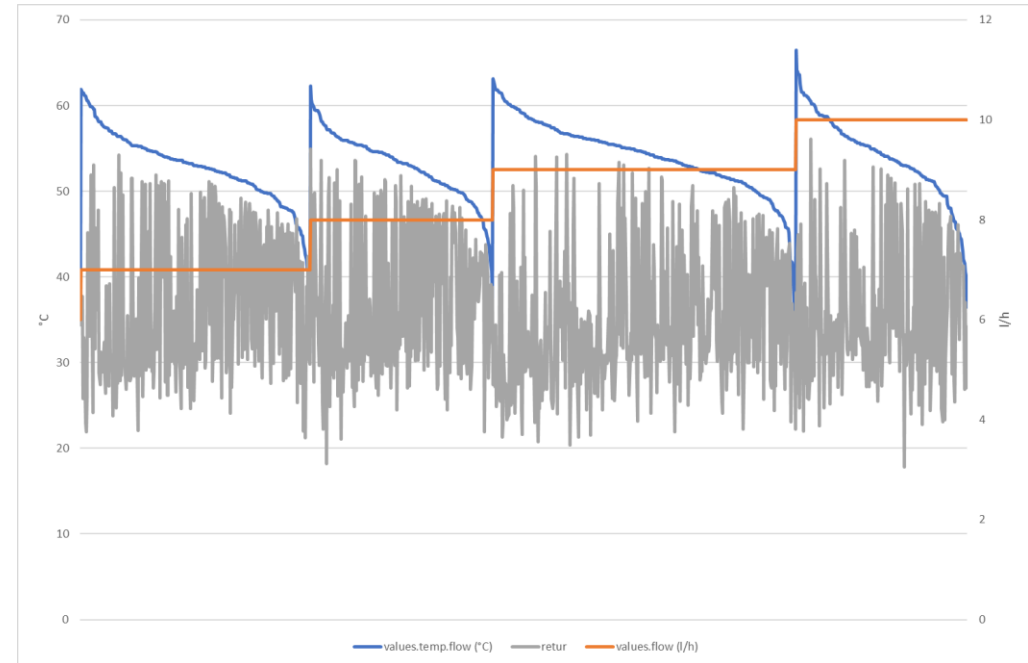
1054 forbrugere

# Lokal variation

## 02. juni 2021



2606 forbrugere



1095 forbrugere

# Geografisk variation

## District heating flow temperature and the risk of *Legionella*

### Project Report

Anita Romby Kruse, Laura Ellebæk Møllerskov, Reena Bausram

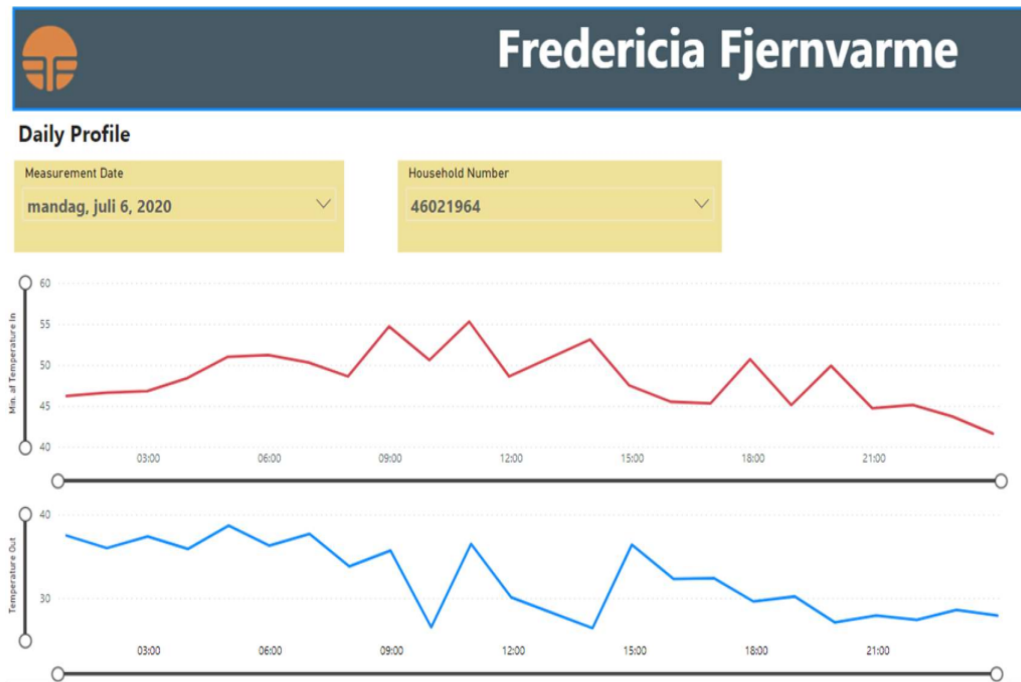


Figure 28 Temperature daily profile published page. In this case, the daily profile on July 6 for a specific household number.

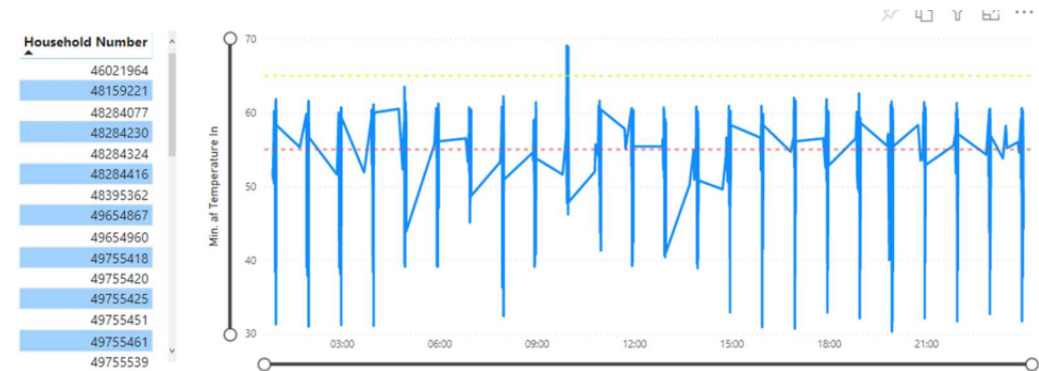


Figure 29 Legionella Risk Assessment 1.0 published page. In this case, 41 households with inflow DH temperature were below 55°C at some point on July 6.

The tool was able to show that the DH temperature was under 55°C in 80 % of the households in July and in 91,7 % of the households in August (see Figure 30).

Month	Number of households with DH temperatures below 55°C	Percentage of total (60 households)
July 2020	48	80 %
August 2020	55	91,7 %

Figure 30 Results of the analysis with number of households with DH temperatures below 55°C



## Geografisk variation

### Sæsonvarians Legionellatilfælde pr. måned.

