

Contents

0.1 Bristol	1
-----------------------	---

0.1 Bristol

areaCode
areaName
areaType
date
age
VaccineRegisterPopulationByVaccinationDate
cumPeopleVaccinatedCompleteByVaccinationDate
newPeopleVaccinatedCompleteByVaccinationDate
cumPeopleVaccinatedFirstDoseByVaccinationDate
newPeopleVaccinatedFirstDoseByVaccinationDate
cumPeopleVaccinatedSecondDoseByVaccinationDate
newPeopleVaccinatedSecondDoseByVaccinationDate
cumPeopleVaccinatedThirdInjectionByVaccinationDate
newPeopleVaccinatedThirdInjectionByVaccinationDate
cumVaccinationFirstDoseUptakeByVaccinationDatePercentage
cumVaccinationSecondDoseUptakeByVaccinationDatePercentage
cumVaccinationThirdInjectionUptakeByVaccinationDatePercentage
cumVaccinationCompleteCoverageByVaccinationDatePercentage

We have additional columns. Let's look at them.

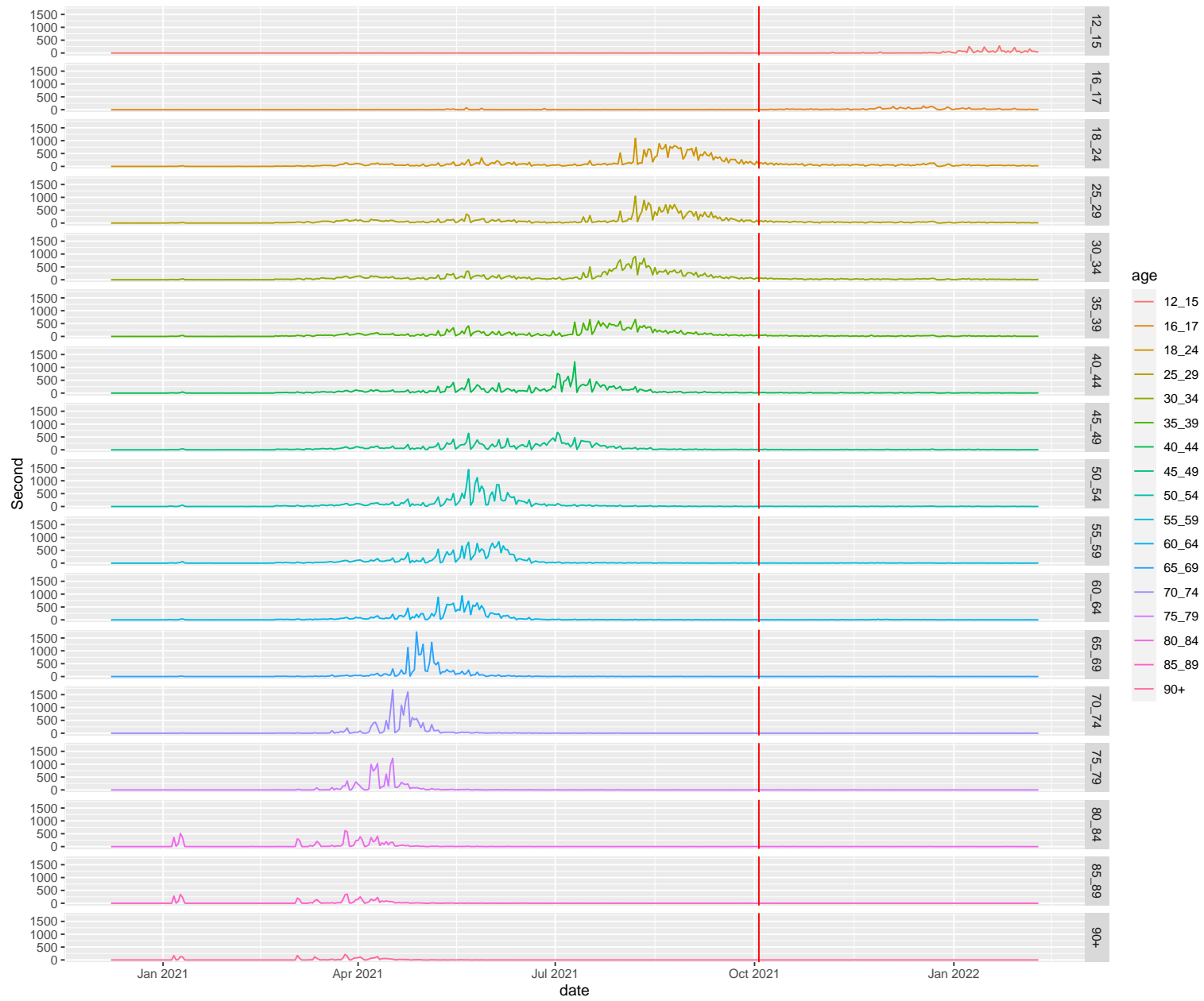
There are 1 unique value for **areaCode**, 1 unique value for **areaName**, and 1 unique value for **areaType** as well. So, we do not need to look at them in the future because these columns are used for filtering that we have already done on the website.

Just rename columns and we will move on to answer the questions.

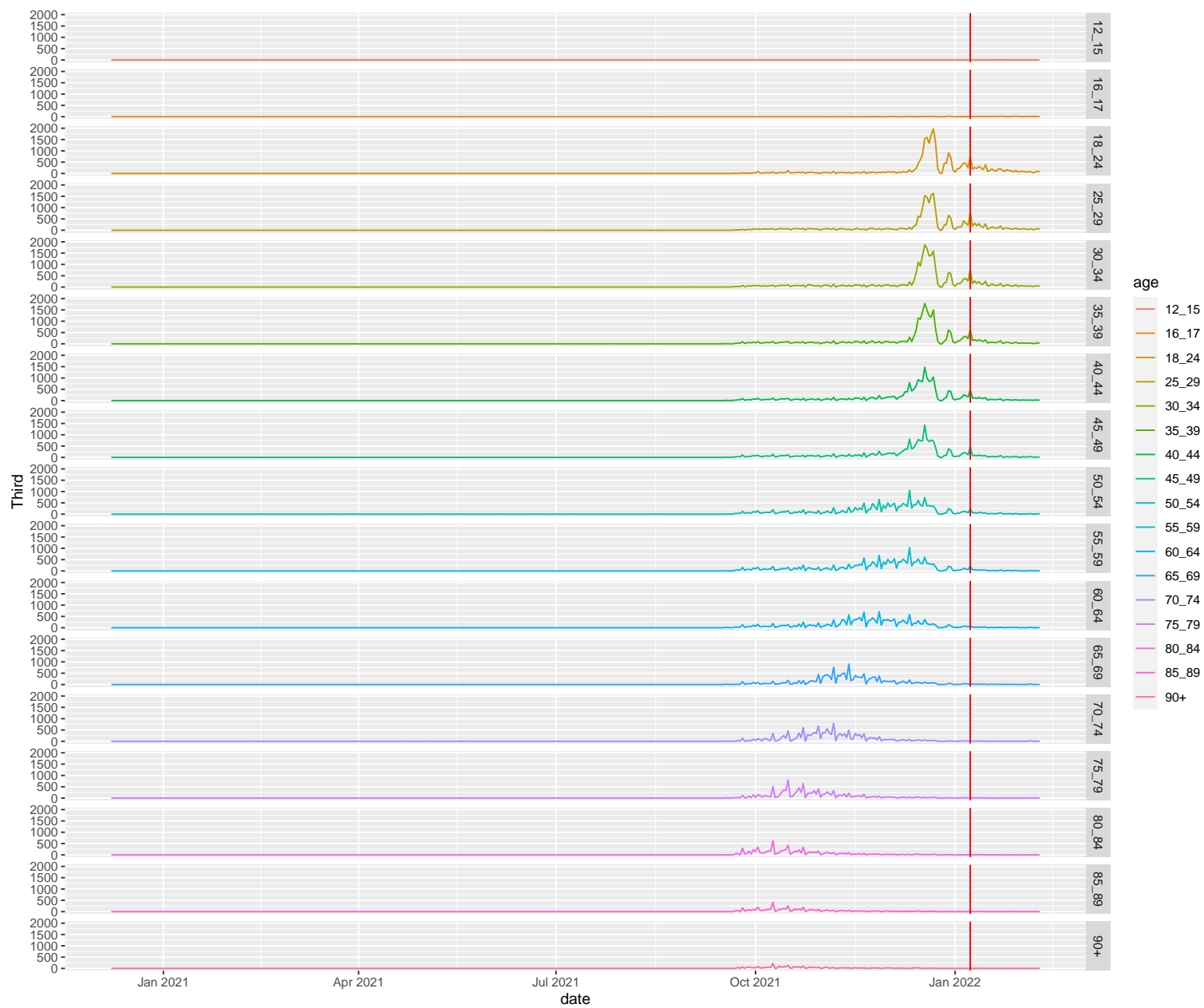
age	date	First	Second	Third
12_15	2022-02-09	28	45	0
16_17	2022-02-09	4	8	6
18_24	2022-02-09	25	18	83
25_29	2022-02-09	11	8	48
30_34	2022-02-09	4	10	37
35_39	2022-02-09	3	8	26



16 people in my age group got their First jabs with me in Bristol.



37 people in my age group got their Second jabs with me in Bristol.

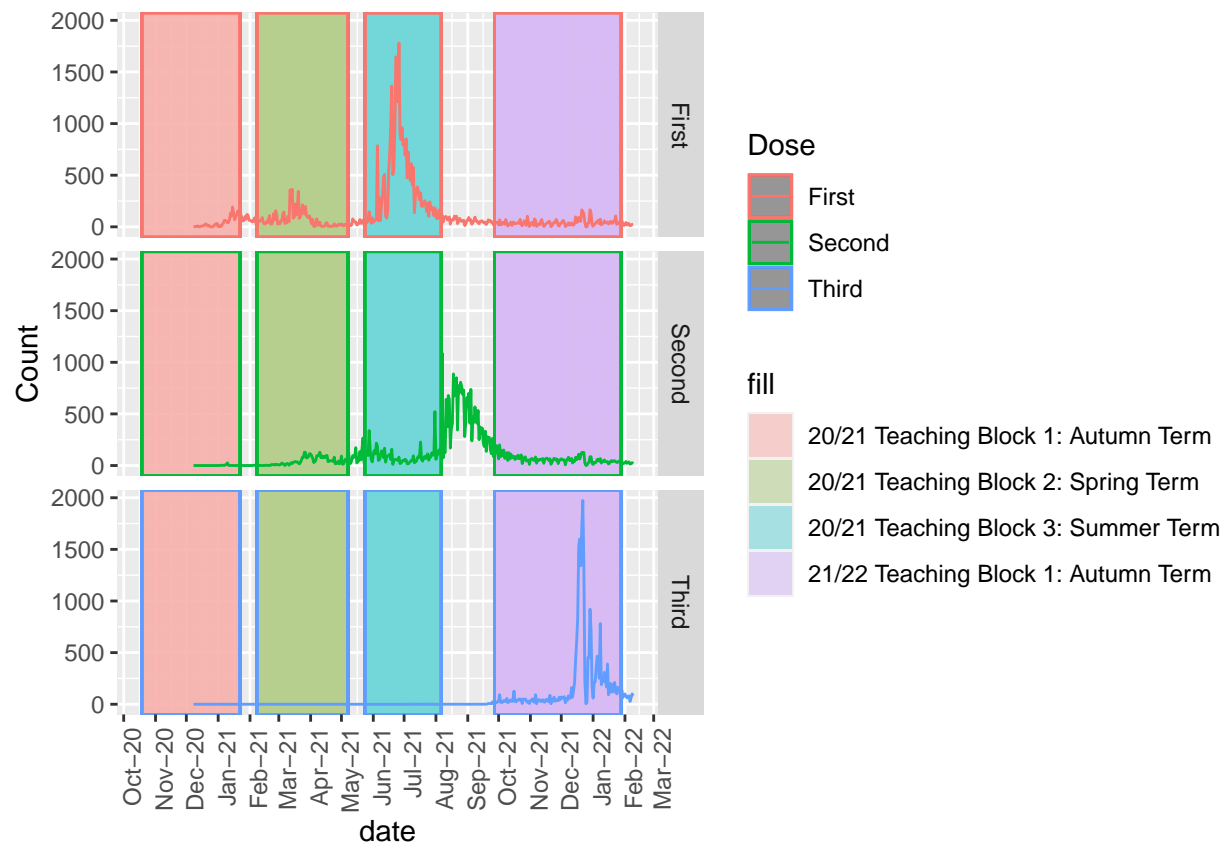


806 people in my age group got their Third jabs with me in Bristol.

Students

```
dataset_student_long <- melt(filter(dataset, age=="18_24"), id.vars = c("date")
                              , measure.vars = c("First", "Second", "Third")
                              , variable.name = "Dose"
                              , value.name = "Count"
                              )

ggplot(data = dataset_student_long,
       aes(x=date, y=Count, colour=Dose)) +
  geom_rect(aes(xmin = as.Date("2020-10-19"),
               xmax = as.Date("2021-01-22"),
               ymin = -Inf, ymax = Inf, fill = '20/21 Teaching Block 1: Autumn Term'), alpha = .2)+
  geom_rect(aes(xmin = as.Date("2021-02-08"),
               xmax = as.Date("2021-05-07"),
               ymin = -Inf, ymax = Inf, fill = '20/21 Teaching Block 2: Spring Term'), alpha = .2)+
  geom_rect(aes(xmin = as.Date("2021-05-24"),
               xmax = as.Date("2021-08-06"),
               ymin = -Inf, ymax = Inf, fill = '20/21 Teaching Block 3: Summer Term'), alpha = .2)+
  geom_rect(aes(xmin = as.Date("2021-09-27"),
               xmax = as.Date("2022-01-28"),
               ymin = -Inf, ymax = Inf, fill = '21/22 Teaching Block 1: Autumn Term'), alpha = .2)+
  geom_line() +
  facet_grid(Dose ~ .) +
  theme(axis.text.x = element_text(angle=90, hjust = 1)) +
  scale_x_date(date_breaks = "months" , date_labels = "%b-%y") +
  #scale_fill_brewer(palette = 'Dark2', name = 'Year') +
  scale_fill_hue(c=45, l=80)
```



2020-21-term-dates <https://www.uwe.ac.uk/study/term-dates/2020-21-term-dates> <https://www.uwe.ac.uk/study/term-dates/2021-22-term-dates> <https://www.uwe.ac.uk/study/term-dates/2022-23-term-dates>