

Task 2: Outbreak type

Data wrangling

```
outbreak <- outbreak_raw %>%
  mutate(
    episode_week=date(episode_week),
    outbreak_or_sporadic=str_replace(outbreak_or_sporadic,
                                     "OB Associated",
                                     "Outbreak associated"),
    outbreak_or_sporadic = as_factor(outbreak_or_sporadic)
  ) %>%
  group_by(episode_week, outbreak_or_sporadic)%>%
  mutate(
    outbreak_or_sporadic = fct_relevel(outbreak_or_sporadic,"Sporadic",after=0),
    total_cases=sum(cases))
```