Covid in Jails- Followup Needed

Week of 11-10-2020

2020-12-21

Table of Contents

## Project Enrollments

## `summarise()` ungrouping output (override with `.groups` argument)

|  |  |  |  |
| --- | --- | --- | --- |
| Population | Weekly Enrollments | Follow ups | Total Enrolled |
| incarcerated | 28 | 8 | 349 |
| staff | 3 | 4 | 208 |
| test | 0 | 2 | 6 |

followups\_complete <-   
 enrollment\_data\_cleaned %>%   
 filter(  
 str\_detect(redcap\_event\_name, "3") == TRUE,  
 !is.na(results\_date)  
 ) %>%   
 pull(barcode\_id)  
  
followups\_attempted <-   
 enrollment\_data\_cleaned %>%   
 filter(  
 str\_detect(redcap\_event\_name, "3") == TRUE  
 ) %>%   
 pull(barcode\_id)  
  
followup\_needed <-   
 enrollment\_data\_cleaned %>%   
 filter(str\_detect(redcap\_event\_name, "baseline") == TRUE) %>%   
 mutate(  
 days\_since\_enrollment = today() - results\_date,  
 follow\_up\_eligible =   
 if\_else(  
 days\_since\_enrollment > 60 & days\_since\_enrollment < 140, 1, 0),   
 follow\_up\_time\_exceeded = if\_else(days\_since\_enrollment > 140, 1, 0),   
 ) %>%   
 filter(!barcode\_id %in% followups\_complete)   
 # %>% count(follow\_up\_eligible)

followup\_needed\_incarc <-   
 followup\_needed %>%   
 filter(pop2 == "incarcerated" & follow\_up\_eligible == 1) %>%   
 select(  
 barcode\_id,   
 consent\_inmate\_number,  
 consent\_first\_name,  
 consent\_last\_name,  
 days\_since\_enrollment) %>%   
 left\_join(housing, keep = FALSE, by = c("consent\_inmate\_number" = "Number")) %>%   
 arrange(desc(Housing))  
  
followup\_needed\_incarc %>%   
 write\_csv(followup\_needed\_incarc\_output)

followup\_needed\_staff <-   
 followup\_needed %>%   
 filter(pop2 == "staff" & follow\_up\_eligible == 1) %>%   
 select(  
 barcode\_id,   
 staff\_email,  
 consent\_first\_name,  
 consent\_last\_name,  
 days\_since\_enrollment) %>%   
 write\_csv(followup\_needed\_staff\_output)