

# Reopen.DC

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7/5/2021

## Description

This table includes some of the case records from DC after it reopened. This includes timing of test results, stage of reopening, degree of community transmission, Cases from quarantine contacts, Percent with contact attempt. Through the study of this table we can better understand whether the openness of the community is an appropriate policy, whether the cases are steadily decreasing.

## Variables

TEST\_RESULT\_RECIEVED\_DATE: It will be updated daily at 5:00

PHASE: Phase 1 / Phase 2

DCS\_LAST\_MOD\_DTTM: The last time the table was modified

OBJECTID: Object ID

CASES\_FROM\_QUARANT\_CONTACTS: Cases number

LEVEL\_OF\_COMMUNITY\_SPRADE: Moderate / Minimal

PERCENT\_WITH\_CONTACT\_ATTEMPT: Percentage of community attempts to reopen

## Code to Import

- Setting working directory: Consistent with the path of the data file.
- Library tidyverse package.
- read\_csv (Read comma separated values)
- read\_tsv (Read tab separated values)
- read\_csv2 (Common in some European countries. Uses ; for the field separator and , for the decimal point.)
- head (dt\_name,rows\_number): show several rows of dataframe

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.0 --
## v ggplot2 3.3.2      v purrr   0.3.4
## v tibble  3.0.5      v dplyr  1.0.3
## v tidyr   1.1.2      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.5.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag() masks stats::lag()

reopen <- read_csv("ReOpen_DC_New_Cases.csv")

## Parsed with column specification:
## cols(
##   TEST_RESULT_RECEIVED_DATE = col_character(),
##   PHASE = col_character(),
##   DCS_LAST_MOD_DTM = col_character(),
##   OBJECTID = col_double(),
##   CASES_FROM_QUARANT_CONTACTS = col_double(),
##   LEVEL_OF_COMMUNITY_SPREAD = col_character(),
##   PERCENT_WITH_CONTACT_ATTEMPT = col_double()
## )

head(reopen, 10)

## # A tibble: 10 x 7
##   TEST_RESULT_REC~ PHASE DCS_LAST_MOD_DT~ OBJECTID CASES_FROM_QUAR~
##   <chr>           <chr> <chr>          <dbl>         <dbl>
## 1 2021/01/14 05:0~ Phas~ 2021/05/15 15:0~     1           341
## 2 2021/01/13 05:0~ Phas~ 2021/05/15 15:0~     2           225
## 3 2021/01/12 05:0~ Phas~ 2021/05/15 15:0~     3           211
## 4 2021/01/11 05:0~ Phas~ 2021/05/15 15:0~     4           404
## 5 2021/01/10 05:0~ Phas~ 2021/05/15 15:0~     5           265
## 6 2021/01/09 05:0~ Phas~ 2021/05/15 15:0~     6           350
## 7 2021/01/08 05:0~ Phas~ 2021/05/15 15:0~     7           371
## 8 2021/01/07 05:0~ Phas~ 2021/05/15 15:0~     8           377
## 9 2021/01/06 05:0~ Phas~ 2021/05/15 15:0~     9           321
## 10 2021/01/05 05:0~ Phas~ 2021/05/15 15:0~    10           369
## # ... with 2 more variables: LEVEL_OF_COMMUNITY_SPREAD <chr>,
## #   PERCENT_WITH_CONTACT_ATTEMPT <dbl>
```

## Reference Link

<https://opendata.dc.gov/datasets/DCGIS::reopen-dc-new-cases/explore>