LocalFact Data Analysis

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Here are some of the things I've jotted down, if it's helpful: number of fact-checks by state

```
LocalFact %>%
  group_by(State) %>%
  count()
```

```
## # A tibble: 28 x 2
## # Groups:   State [28]
##    State                   n
##    <chr>               <int>
##  1 Arizona                76
##  2 California             40
##  3 Colorado               47
##  4 Connecticut            17
##  5 District of Columbia   32
##  6 Florida                56
##  7 Georgia                45
##  8 Illinois                8
##  9 Iowa                  163
## 10 Kansas                 27
## # ... with 18 more rows
```

number of fact-checks by fact-checker (organization)

```
LocalFact %>%
  group_by(Organization) %>%
  count()
```

```
## # A tibble: 60 x 2
## # Groups:   Organization [60]
##    Organization                                            n
##    <chr>                                               <int>
##  1 11 Alive Verify                                        45
##  2 4 Investigates Fact Check                               6
##  3 5 Eyewitness News Truth Test                           20
##  4 9News Truth Test                                       22
##  5 Arizona Center for Investigative Reporting (Gigafact)  62
##  6 Bangor Daily News Ad Watch                             18
##  7 Bridge Michigan                                        55
##  8 CalMatters                                             12
```

```
##  9 CBS Minnesota Reality Check                                  3
## 10 CBS4 Reality Check                                          25
## # ... with 50 more rows
```

number of fact-checks by political/non-political type of claimant

```
LocalFact %>%
  group_by(`Type of Claimant`) %>%
  count()
```

```
## # A tibble: 2 x 2
## # Groups:   Type of Claimant [2]
##   `Type of Claimant`     n
##   <chr>              <int>
## 1 Nonpolitical         352
## 2 Political            928
```

number of fact-checks by month of the year

```
LocalFact %>%
  group_by(Month) %>%
  count()
```

```
## # A tibble: 11 x 2
## # Groups:   Month [11]
##    Month         n
##    <fct>     <int>
##  1 January      76
##  2 February     55
##  3 March        85
##  4 April        75
##  5 May          76
##  6 June         65
##  7 July         93
##  8 August       95
##  9 September   166
## 10 October     364
## 11 November    130
```

number of fact-checks by politician (claimant name + politician as category)

```
LocalFact %>%
  filter(`Political Designation` == "Politician") %>%
  group_by(`Claimant Name // (Claim Source?)`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 229 x 2
## # Groups:   Claimant Name // (Claim Source?) [229]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                                <int>
```

```
##  1 Kim Reynolds                          28
##  2 Tudor Dixon                           18
##  3 Cindy Axne                            16
##  4 Ron Johnson                           16
##  5 Donald Trump                          15
##  6 Gretchen Whitmer                      15
##  7 Tony Evers                            15
##  8 Tim Michels                           14
##  9 Kari Lake                             13
## 10 Ron DeSantis                          13
## # ... with 219 more rows
```

number of fact-checks by incumbent seeking re-election (same office held as office sought)

```
LocalFact %>%
  filter(`Aspiring Position` == `Current Position`) %>%
  group_by(`Claimant Name // (Claim Source?)`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 69 x 2
## # Groups:   Claimant Name // (Claim Source?) [69]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                              <int>
##  1 Kim Reynolds                          28
##  2 Ron Johnson                           16
##  3 Gretchen Whitmer                      15
##  4 Tony Evers                            15
##  5 Ron DeSantis                          13
##  6 Greg Abbott                           11
##  7 Chuck Grassley                        10
##  8 Gavin Newsom                          10
##  9 Ashley Hinson                          9
## 10 Kevin Stitt                            9
## # ... with 59 more rows
```

number of fact-checks by current officeholder (yes)

```
LocalFact %>%
  filter(`Current Officeholder?` == "Yes") %>%
  group_by(`Claimant Name // (Claim Source?)`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 151 x 2
## # Groups:   Claimant Name // (Claim Source?) [151]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                              <int>
##  1 Kim Reynolds                          28
##  2 Cindy Axne                            16
##  3 Ron Johnson                           16
##  4 Gretchen Whitmer                      15
```

```
##  5 Tony Evers                              15
##  6 Ron DeSantis                            13
##  7 Ashley Hinson                           12
##  8 Greg Abbott                             11
##  9 Chuck Grassley                          10
## 10 Derek Schmidt                           10
## # ... with 141 more rows
```

number of fact-checks by running for office (yes)

```
LocalFact %>%
  filter(`Running for Office?` == "Yes") %>%
  group_by(`Claimant Name // (Claim Source?)`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 199 x 2
## # Groups:   Claimant Name // (Claim Source?) [199]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                                <int>
##  1 Kim Reynolds                            28
##  2 Tudor Dixon                             18
##  3 Cindy Axne                              16
##  4 Ron Johnson                             16
##  5 Gretchen Whitmer                        15
##  6 Tony Evers                              15
##  7 Donald Trump                            14
##  8 Tim Michels                             14
##  9 Kari Lake                               13
## 10 Ron DeSantis                            13
## # ... with 189 more rows
```

number of fact-checks by office held

```
LocalFact %>%
  group_by(`Current Position`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 19 x 2
## # Groups:   Current Position [19]
##    `Current Position`                      n
##    <chr>                                <int>
##  1 <NA>                                   826
##  2 Governor                               144
##  3 U.S. Representative                     93
##  4 State Legislator                        73
##  5 U.S. Senator                            61
##  6 State Attorney General                  23
##  7 Mayor                                   11
##  8 President                               11
##  9 County Official                          6
```

```
## 10 State Political Party Chair              6
## 11 National Party Committee Member          4
## 12 State Secretary of State                 4
## 13 Superintendent of Public Instruction     4
## 14 Lieutenant Governor                      3
## 15 State Official                           3
## 16 State Treasurer                          3
## 17 State Auditor                            2
## 18 State Surgeon General                    2
## 19 City Council Member                      1
```

number of fact-checks by office sought

```
LocalFact %>%
  group_by(`Aspiring Position`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 19 x 2
## # Groups:   Aspiring Position [19]
##    `Aspiring Position`                     n
##    <chr>                               <int>
##  1 <NA>                                  652
##  2 Governor                              293
##  3 U.S. Senator                          104
##  4 Representative                         81
##  5 U.S. Representative                    40
##  6 State Legislator                       34
##  7 State Attorney General                 17
##  8 President                              14
##  9 Superintendent of Public Instruction    8
## 10 State Official                          7
## 11 State Treasurer                         7
## 12 District Attorney                       6
## 13 State Secretary of State                6
## 14 Mayor                                   4
## 15 State Auditor                           2
## 16 State Political Party Chair             2
## 17 City Council Member                     1
## 18 County Official                         1
## 19 Lieutenant Governor                     1
```

number of fact-checks by topic

```
# `INDIVIDUAL RECORD` <- sum(LocalFact$`INDIVIDUAL RECORD`)
# `ECONOMIC ISSUES` <- sum(LocalFact$`ECONOMIC ISSUES`)
# `GOVERNMENT OPERATIONS` <- sum(LocalFact$`GOVERNMENT OPERATIONS`)
# `VOTING/ELECTIONS` <- sum(LocalFact$`VOTING/ELECTIONS`)
# `CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES` <- sum(LocalFact$`CIVIL RIGHTS MINORITY ISSUES AND
# `IMMIGRATION AND REFUGEE ISSUES` <- sum(LocalFact$`IMMIGRATION AND REFUGEE ISSUES`)
# `LGBTQ` <- sum(LocalFact$`LGBTQ`)
# `RACE` <- sum(LocalFact$`RACE`)
# `RELIGION` <- sum(LocalFact$`RELIGION`)
```

```
# `` <- sum(LocalFact$``)
#
#
# LocalFactTags <- cbind(`INDIVIDUAL RECORD`,
#                        `ECONOMIC ISSUES`,
#                        `GOVERNMENT OPERATIONS`,
#                        `VOTING/ELECTIONS`,
#                        `CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES`,
#                        `IMMIGRATION AND REFUGEE ISSUES`,
#                        `LGBTQ`,
#                        `RACE`,
#                        `RELIGION`)
```

number of fact-checks by state and topic

number of fact-checks by definitive rating

```
LocalFact %>%
  group_by(`Was a Definitive Rating Given?`) %>%
  count()
```

```
## # A tibble: 3 x 2
## # Groups:   Was a Definitive Rating Given? [3]
##   `Was a Definitive Rating Given?`     n
##   <chr>                              <int>
## 1 No                                    13
## 2 Yes                                 1260
## 3 <NA>                                   7
```

number of fact-checks by source of statement

```
LocalFact %>%
  group_by(`Source of Statement`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 8 x 2
## # Groups:   Source of Statement [8]
##   `Source of Statement`       n
##   <chr>                   <int>
## 1 Advertisement             370
## 2 Social Media              341
## 3 Written Statement         191
## 4 Speech/Remarks            164
## 5 Debate                    117
## 6 N/A                        51
## 7 Interview/TV Appearance    43
## 8 <NA>                        3
```

number of fact-checks by fact-check format

```
LocalFact %>%
  group_by(`Fact-Check Format`) %>%
  count() %>%
  arrange(desc(n))
```

```
## # A tibble: 5 x 2
## # Groups:   Fact-Check Format [5]
##   `Fact-Check Format`     n
##   <chr>               <int>
## 1 Article               741
## 2 Video + Article       418
## 3 Video                  65
## 4 Audio + Article        54
## 5 <NA>                    2
```

what percentage had multiple claims?

```
uniqueclaims <- LocalFact %>%
  distinct(`Fact-Check URL`) %>%
  count()

splitclaims <- LocalFact %>%
  filter(`Multiple claims?` == "A") %>%
  count()

splitclaims/uniqueclaims*100
```

```
##          n
## 1 14.56736
```