

# LocalFact Data Analysis

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Basic Queries: number of total checked claims

```
## # A tibble: 1 x 1
##       n
##   <int>
## 1  1323
```

number of unique fact-checks published

```
## # A tibble: 1 x 1
##       n
##   <int>
## 1   976
```

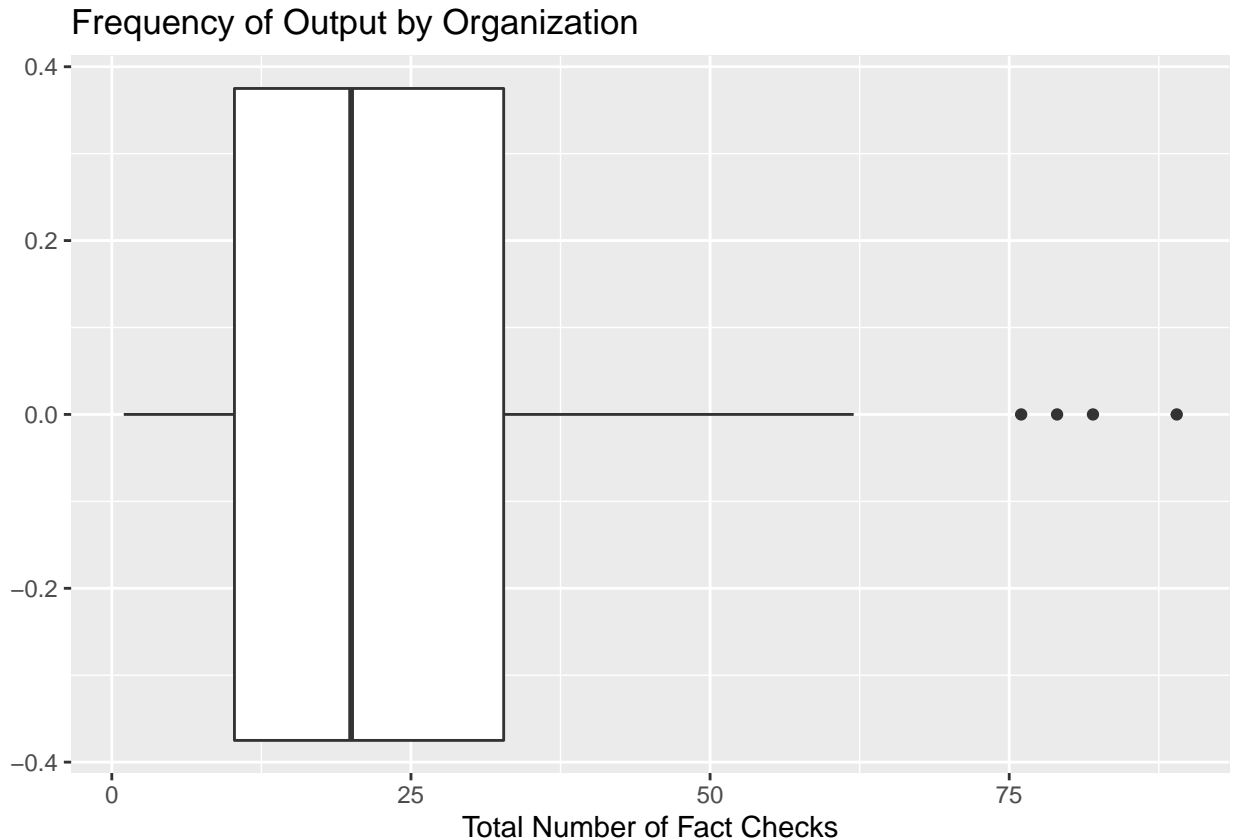
number of fact-checks by state

```
## # A tibble: 26 x 2
## # Groups:   State [26]
##   State      n
##   <chr>   <int>
## 1 Arizona      76
## 2 California    28
## 3 Colorado     48
## 4 Connecticut   12
## 5 District of Columbia 32
## 6 Florida      56
## 7 Georgia      45
## 8 Illinois       8
## 9 Iowa       163
## 10 Kansas      18
## # ... with 16 more rows
```

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

```
## # A tibble: 50 x 2
## # Groups:   Organization [50]
##   Organization          n
##   <chr>              <int>
## 1 PolitiFact Wisconsin 89
## 2 The Nevada Independent Fact Checker 82
## 3 Wisconsin Watch (Gigafact) 79
## 4 WCNC Verify 76
## 5 Arizona Center for Investigative Reporting (Gigafact) 62
## 6 KCRG-TV's i9 Fact Checker 56
## 7 Bridge Michigan 55
## 8 The Frontier fact checks 54
## 9 Gazette Fact Checker 52
## 10 The News & Observer's Fact-Checking Project 47
## # ... with 40 more rows

##   Organization          n
##   Length:50      Min.   : 1.00
##   Class :character 1st Qu.:10.25
##   Mode  :character Median :20.00
##                      Mean  :26.46
##                      3rd Qu.:32.75
##                      Max.   :89.00
```

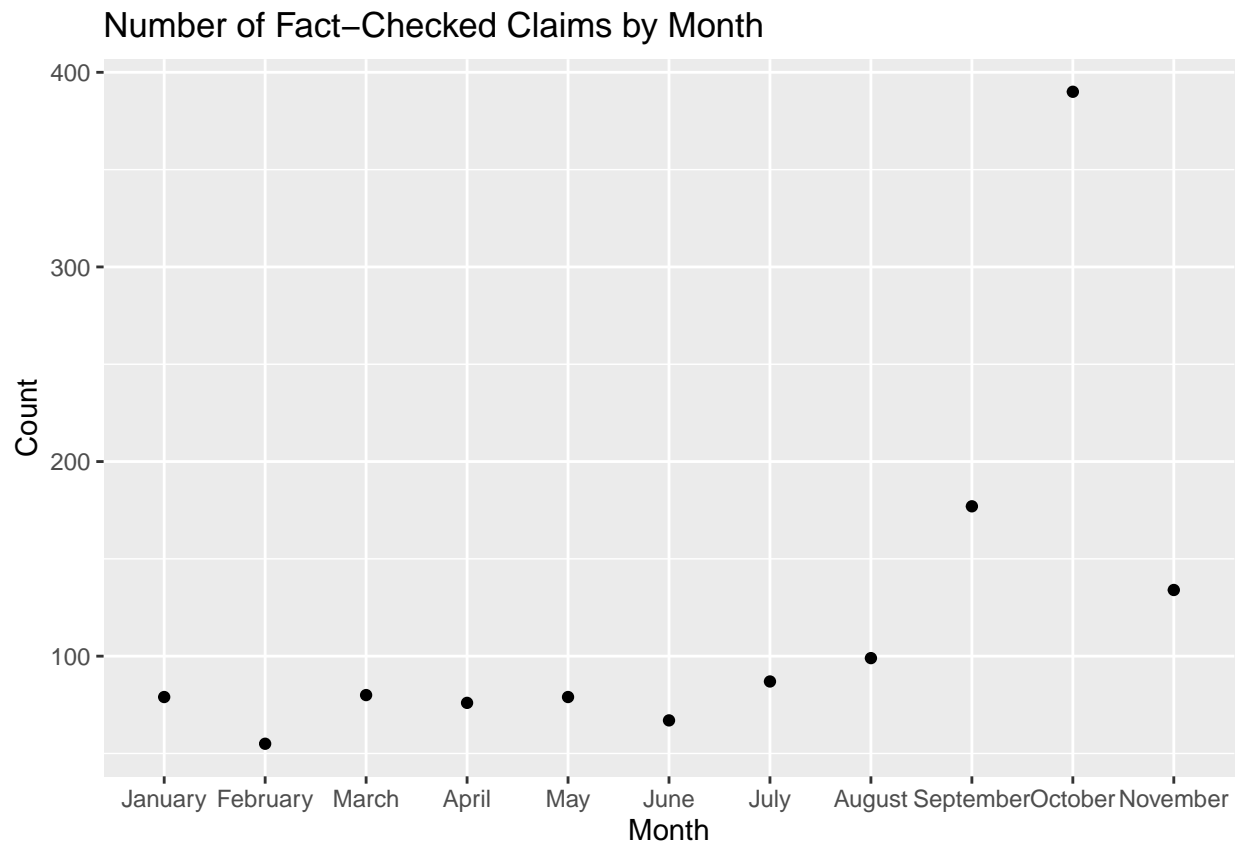


number of fact-checks by political/non-political type of claimant

```
## # A tibble: 2 x 2
## # Groups:   Type of Claimant [2]
##   'Type of Claimant'      n
##   <chr>                <int>
## 1 Nonpolitical          382
## 2 Political             941
```

number of fact-checks by month of the year

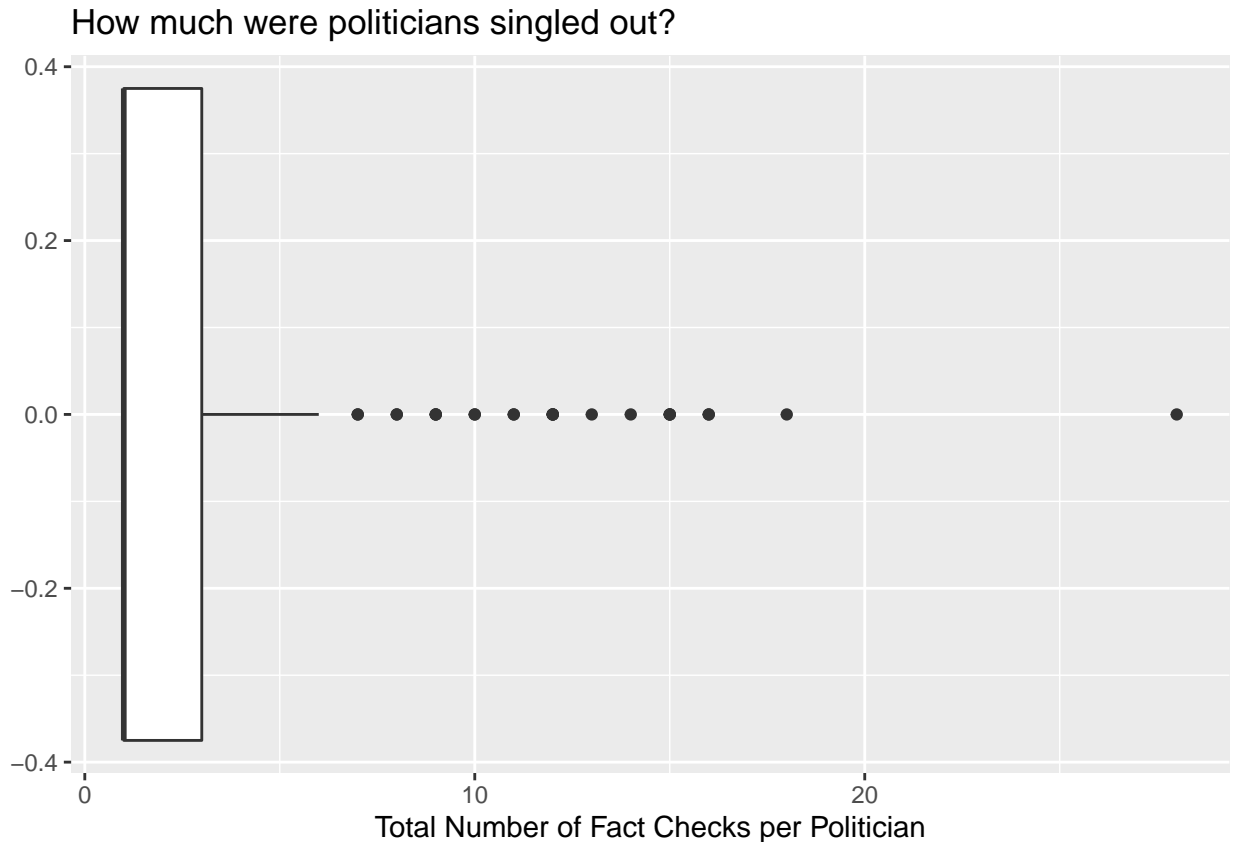
```
## # A tibble: 11 x 2
## # Groups:   Month [11]
##   Month      n
##   <fct>    <int>
## 1 January    79
## 2 February   55
## 3 March      80
## 4 April      76
## 5 May        79
## 6 June       67
## 7 July       87
## 8 August     99
## 9 September 177
##10 October   390
##11 November  134
```



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

```
## # A tibble: 237 x 2
## # Groups:   Claimant Name // (Claim Source?) [237]
##   '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 Ashley Hinson                       12
## # ... with 227 more rows
```

```
## Claimant Name // (Claim Source?)      n
## Length:237                           Min.   : 1.000
## Class :character                      1st Qu.: 1.000
## Mode  :character                      Median : 1.000
##                                         Mean   : 2.945
##                                         3rd Qu.: 3.000
##                                         Max.   :28.000
```



number of fact-checks by re-occurring non-political types of claimant

```
## # A tibble: 3 x 2
## # Groups:   Claimant Name // (Claim Source?) [3]
##   'Claimant Name // (Claim Source?)'      n
##   <chr>                                <int>
## 1 Unknown social media user(s)          140
## 2 Viewer question                       109
## 3 You may have heard...                 58
```

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

```
## # A tibble: 92 x 2
## # Groups:   Claimant Name // (Claim Source?) [92]
##   '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 Ashley Hinson                         12
## 7 Ron DeSantis                          12
## 8 Greg Abbott                           11
## 9 Chuck Grassley                        10
## 10 Kevin Stitt                           9
## # ... with 82 more rows
```

number of fact-checks by current officeholder (yes)

```
## # A tibble: 154 x 2
## # Groups:   Claimant Name // (Claim Source?) [154]
##   '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 Ashley Hinson                         12
## 7 Ron DeSantis                          12
## 8 Greg Abbott                           11
## 9 Chuck Grassley                        10
## 10 Joe Biden                            10
## # ... with 144 more rows
```

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

```
## # A tibble: 203 x 2
## # Groups:   Claimant Name // (Claim Source?) [203]
##   '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 Ashley Hinson                        12
## # ... with 193 more rows
```

number of fact-checks by office held

```
## # A tibble: 20 x 2
## # Groups:   Current Position [20]
##   'Current Position'      n
##   <chr>                  <int>
## 1 Governor                137
## 2 U.S. Representative      96
## 3 State Legislator        76
## 4 U.S. Senator            61
## 5 State Attorney General  18
## 6 Mayor                   11
## 7 President               10
## 8 County Official         6
## 9 State Political Party Chair 6
## 10 National Party Committee Member 4
## 11 State Secretary of State 4
## 12 Superintendent of Public Instruction 4
## 13 Lieutenant Governor    3
## 14 State Official         3
## 15 State Treasurer        3
## 16 National Party Chair   2
## 17 State Auditor         2
## 18 State Surgeon General  2
## 19 City Council Member   1
## 20 Sheriff               1
```

number of fact-checks by office sought

```
## # A tibble: 18 x 2
## # Groups:   Aspiring Position [18]
##   'Aspiring Position'      n
##   <chr>                  <int>
## 1 Governor                280
## 2 U.S. Representative      123
## 3 U.S. Senator            112
## 4 State Legislator        36
## 5 State Attorney General  16
## 6 President               15
## 7 Superintendent of Public Instruction 8
## 8 State Official          7
## 9 State Treasurer         7
## 10 District Attorney       6
## 11 State Secretary of State 6
## 12 Mayor                   4
## 13 County Official         2
## 14 State Auditor          2
## 15 State Political Party Chair 2
## 16 City Council Member    1
## 17 Lieutenant Governor    1
## 18 U.S. Congressman        1
```



number of fact-checks by topic

##	V1
## LAW AND CRIME AND POLICING	225
## HEALTH	191
## LEGISLATION	188
## VOTING/ELECTIONS	159
## ABORTION/WOMEN	124
## GOVERNMENT OPERATIONS	120
## EDUCATION	101
## ENERGY AND ENVIRONMENT	74
## IMMIGRATION AND REFUGEE ISSUES	42
## GUNS	39
## COMMUNITY DEVELOPMENT AND HOUSING	39
## RACE	29
## SOCIAL WELFARE	25
## LGBTQ	23
## HISTORY	22
## AGRICULTURE	20
## MEDIA AND COMMUNICATIONS	8
## CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES	2
## TECHNOLOGY SCIENCE SPACE	2
## RELIGION	1
## INDIVIDUAL RECORD	NA
## ECONOMIC ISSUES	NA

##	Tag
## LAW AND CRIME AND POLICING	LAW AND CRIME AND POLICING
## HEALTH	HEALTH
## LEGISLATION	LEGISLATION
## VOTING/ELECTIONS	VOTING/ELECTIONS
## ABORTION/WOMEN	ABORTION/WOMEN
## GOVERNMENT OPERATIONS	GOVERNMENT OPERATIONS
## EDUCATION	EDUCATION
## ENERGY AND ENVIRONMENT	ENERGY AND ENVIRONMENT
## IMMIGRATION AND REFUGEE ISSUES	IMMIGRATION AND REFUGEE ISSUES
## GUNS	GUNS
## COMMUNITY DEVELOPMENT AND HOUSING	COMMUNITY DEVELOPMENT AND HOUSING
## RACE	RACE
## SOCIAL WELFARE	SOCIAL WELFARE
## LGBTQ	LGBTQ
## HISTORY	HISTORY
## AGRICULTURE	AGRICULTURE
## MEDIA AND COMMUNICATIONS	MEDIA AND COMMUNICATIONS
## CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES	CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES
## TECHNOLOGY SCIENCE SPACE	TECHNOLOGY SCIENCE SPACE
## RELIGION	RELIGION
## INDIVIDUAL RECORD	INDIVIDUAL RECORD
## ECONOMIC ISSUES	ECONOMIC ISSUES

number of fact-checks by state and topic

```
## # A tibble: 26 x 23
##   State   'INDIVIDUAL REC~ 'ECONOMIC ISSUE~ 'GOVERNMENT OPER~ 'VOTING/ELECTIO~
```

```
##      <chr>                <dbl>                <dbl>                <dbl>                <dbl>
## 1 Arizona                  44                      5                      11                      31
## 2 Californ~                5                      11                      2                       1
## 3 Colorado                 43                      13                     2                       9
## 4 Connect~                 4                       4                      0                       1
## 5 Distric~                 1                       8                      3                       2
## 6 Florida                  25                      12                     2                       0
## 7 Georgia                   4                       9                      2                       4
## 8 Illinois                  3                       2                      0                       0
## 9 Iowa                     110                     41                     19                      9
## 10 Kansas                   5                       5                      0                       0
## # ... with 16 more rows, and 18 more variables:
## #   CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES <dbl>,
## #   IMMIGRATION AND REFUGEE ISSUES <dbl>, LGBTQ <dbl>, RACE <dbl>,
## #   RELIGION <dbl>, SOCIAL WELFARE <dbl>, EDUCATION <dbl>,
## #   ABORTION/WOMEN <dbl>, HEALTH <dbl>, LAW AND CRIME AND POLICING <dbl>,
## #   GUNS <dbl>, HISTORY <dbl>, LEGISLATION <dbl>, AGRICULTURE <dbl>,
## #   ENERGY AND ENVIRONMENT <dbl>, COMMUNITY DEVELOPMENT AND HOUSING <dbl>, ...
```

number of fact-checks by state and topic

```
## # A tibble: 3 x 23
##   'INDIVIDUAL RECORD' 'ECONOMIC ISSUES' 'GOVERNMENT OPERATIONS' 'VOTING/ELECTIO~
##           <dbl>                <dbl>                <dbl>                <dbl>
## 1             NA                  NA                  80                  52
## 2             NA                  NA                  12                  25
## 3             NA                  NA                 120                 159
## # ... with 19 more variables:
## #   CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES <dbl>,
## #   IMMIGRATION AND REFUGEE ISSUES <dbl>, LGBTQ <dbl>, RACE <dbl>,
## #   RELIGION <dbl>, SOCIAL WELFARE <dbl>, EDUCATION <dbl>,
## #   ABORTION/WOMEN <dbl>, HEALTH <dbl>, LAW AND CRIME AND POLICING <dbl>,
## #   GUNS <dbl>, HISTORY <dbl>, LEGISLATION <dbl>, AGRICULTURE <dbl>,
## #   ENERGY AND ENVIRONMENT <dbl>, COMMUNITY DEVELOPMENT AND HOUSING <dbl>, ...
```

number of fact-checks by definitive rating

```
## # A tibble: 2 x 2
## # Groups:   Was a Definitive Rating Given? [2]
##   'Was a Definitive Rating Given?'      n
##   <chr>                                <int>
## 1 No                                  12
## 2 Yes                               1311
```

number of fact-checks by source of statement

```
## # A tibble: 8 x 2
## # Groups:   Source of Statement [8]
##   'Source of Statement'      n
##   <chr>                    <int>
## 1 Social Media             394
## 2 Advertisement           377
## 3 Written Statement        197
## 4 Speech/Remarks          151
## 5 Debate                   112
## 6 N/A                      50
## 7 Interview/TV Appearance   41
## 8 Advertisement, Written Statement 1
```

number of fact-checks by fact-check format

```
## # A tibble: 4 x 2
## # Groups:   Fact-Check Format [4]
##   'Fact-Check Format'      n
##   <chr>                  <int>
## 1 Article                762
## 2 Video + Article        441
## 3 Video                   66
## 4 Audio + Article        54
```

number of distinctfact-checks by fact-check format

```
## # A tibble: 4 x 2
## # Groups:   Fact-Check Format [4]
##   'Fact-Check Format'      n
##   <chr>                  <int>
## 1 Article                585
## 2 Video + Article        333
## 3 Video                   30
## 4 Audio + Article        28
```

what percentage had multiple claims?

```
##           n
## 1 13.21721
```