

# LocalFact Data Analysis

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Basic Queries: number of total checked claims

```
LocalFact %>%  
  count()
```

```
## # A tibble: 1 x 1  
##       n  
##   <int>  
## 1  1281
```

number of unique fact-checks published

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

```
## # A tibble: 1 x 1  
##       n  
##   <int>  
## 1    913
```

number of fact-checks by state

```
## # A tibble: 28 x 2  
## # Groups:   State [28]  
##   State      n  
##   <chr>   <int>  
## 1 Arizona      76  
## 2 California    40  
## 3 Colorado     48  
## 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)

```
## # A tibble: 60 x 2
## # Groups:   Organization [60]
##   Organization      n
##   <chr>          <int>
## 1 PolitiFact Wisconsin      89
## 2 Wisconsin Watch (Gigafact)  79
## 3 WCNC Verify                76
## 4 Arizona Center for Investigative Reporting (Gigafact)  62
## 5 KCRG-TV's i9 Fact Checker    56
## 6 Bridge Michigan             55
## 7 The Frontier fact checks     54
## 8 Gazette Fact Checker         52
## 9 The News & Observer's Fact-Checking Project          47
## 10 11 Alive Verify            45
## # ... with 50 more rows
```

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        353
## 2 Political           928
```

number of fact-checks by month of the year

```
## # 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       66
## 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)

```
## # 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)

```
## # 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)

```
## # 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)

```
## # 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

```
## # A tibble: 19 x 2
## # Groups:   Current Position [19]
##   'Current Position'      n
##   <chr>                <int>
## 1 <NA>                826
## 2 Governor            145
## 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

```
## # A tibble: 19 x 2
## # Groups:   Aspiring Position [19]
##   'Aspiring Position'      n
##   <chr>                <int>
## 1 <NA>                651
## 2 Governor            294
## 3 U.S. Senator        104
## 4 Representative       82
## 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

##	V1
## INDIVIDUAL RECORD	570
## ECONOMIC ISSUES	266
## LAW AND CRIME AND POLICING	216
## LEGISLATION	196
## HEALTH	191
## VOTING/ELECTIONS	136
## ABORTION/WOMEN	124
## GOVERNMENT OPERATIONS	121
## EDUCATION	95
## ENERGY AND ENVIRONMENT	73
## IMMIGRATION AND REFUGEE ISSUES	42
## COMMUNITY DEVELOPMENT AND HOUSING	42
## GUNS	39
## RACE	33
## LGBTQ	26
## SOCIAL WELFARE	26
## HISTORY	23
## AGRICULTURE	20
## MEDIA AND COMMUNICATIONS	8
## CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES	2
## TECHNOLOGY SCIENCE SPACE	2
## RELIGION	1

##	Tag
## INDIVIDUAL RECORD	INDIVIDUAL RECORD
## ECONOMIC ISSUES	ECONOMIC ISSUES
## LAW AND CRIME AND POLICING	LAW AND CRIME AND POLICING
## LEGISLATION	LEGISLATION
## HEALTH	HEALTH
## 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
## COMMUNITY DEVELOPMENT AND HOUSING	COMMUNITY DEVELOPMENT AND HOUSING
## GUNS	GUNS
## RACE	RACE
## LGBTQ	LGBTQ
## SOCIAL WELFARE	SOCIAL WELFARE
## 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

number of fact-checks by state and topic

```
## # A tibble: 28 x 23
##   State 'INDIVIDUAL REC~ 'ECONOMIC ISSUE~ 'GOVERNMENT OPER~ 'VOTING/ELECTIO~
##   <chr>      <dbl>      <dbl>      <dbl>      <dbl>
## 1 Arizona      44          5         11         31
## 2 Californi~      5         18          2          1
## 3 Colorado     43         13          2          9
## 4 Connecti~      7          6          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       8          5          3          0
## # ... with 18 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 definitive rating

```
## # A tibble: 2 x 2
## # Groups:   Was a Definitive Rating Given? [2]
##   'Was a Definitive Rating Given?' n
##   <chr>      <int>
## 1 No          13
## 2 Yes       1268
```

number of fact-checks by source of statement

```
## # A tibble: 7 x 2
## # Groups:   Source of Statement [7]
##   'Source of Statement' n
##   <chr>      <int>
## 1 Advertisement     373
## 2 Social Media     342
## 3 Written Statement  191
## 4 Speech/Remarks   164
## 5 Debate           117
## 6 N/A                51
## 7 Interview/TV Appearance  43
```

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                743
## 2 Video + Article        418
## 3 Video                   66
## 4 Audio + Article        54
```

what percentage had multiple claims?

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