

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() %>%  
  kable()
```

State	n
Arizona	76
California	40
Colorado	48
Connecticut	17
District of Columbia	32
Florida	56
Georgia	45
Illinois	8
Iowa	163
Kansas	27
Maine	29
Massachusetts	1
Michigan	77
Minnesota	23
Missouri	21
Nevada	36
New Mexico	6
New York	48
North Carolina	153
Ohio	6
Oklahoma	54
Oregon	16
Pennsylvania	10
Texas	64
Virginia	33
Washington	6
West Virginia	7
Wisconsin	179

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

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

Organization	n
11 Alive Verify	45
4 Investigates Fact Check	6
5 Eyewitness News Truth Test	20
9News Truth Test	23
Arizona Center for Investigative Reporting (Gigafact)	62
Bangor Daily News Ad Watch	18
Bridge Michigan	55
CalMatters	12
CBS Minnesota Reality Check	3
CBS4 Reality Check	25
ConnectiFact	12
FactFinder12 Fact Check	18
Gazette Fact Checker	52
GBH	1
KCCI's Get the Facts	31
KCRG-TV's i9 Fact Checker	56
KGW8's The Story Fact Checks	16
KHOU11 Verify	29
KING 5 News Verify	6
KPRC Trust Index	3
KSAT Trust Index	11
KY3 Fact Finders	16
Local 4 Trust Index	16
News 3 Reality Check	11
News 4 Fact Check	5
News 6 Trust Index	1
News 8 Ad Watch	10
News10NBC Fact Check	23
News4JAX Trust Index	15
PolitiFact Arizona	14
PolitiFact California	2
PolitiFact Florida	40
PolitiFact Illinois	8
PolitiFact Iowa	24
PolitiFact Michigan	6
PolitiFact New York	23
PolitiFact North Carolina	30
PolitiFact Texas	20
PolitiFact Virginia	33
PolitiFact West Virginia	7
PolitiFact Wisconsin	89
Portland Press Herald	11
Reno Gazette Journal Fact Checker	6
The Frontier fact checks	54
The Nevada Independent Fact Checker	30
The News & Observer's Fact-Checking Project	47
The Sacramento Bee Fact Check	26
Topeka Capital Journal	9
WCNC Verify	76
WETM-Ch. 18	1
WEWS-TV (channel 5)	6
WFAA Verify Road Trip	1
Wisconsin Watch (Gigafact)	79
WTNH News 10	3 1
WTNH News 11	1
WTNH News 12	1
WTNH News 8	1
WTNH News 6	1

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

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

Type of Claimant	n
Nonpolitical	353
Political	928

number of fact-checks by month of the year

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

Month	n
January	76
February	55
March	85
April	75
May	76
June	66
July	93
August	95
September	166
October	364
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)) %>%
  print(50) %>%
  kable()
```

```
## # 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	

Claimant Name // (Claim Source?)	n
Kim Reynolds	28
Tudor Dixon	18
Cindy Axne	16
Ron Johnson	16
Donald Trump	15
Gretchen Whitmer	15
Tony Evers	15
Tim Michels	14
Kari Lake	13
Ron DeSantis	13
Ashley Hinson	12
Mike Franken	12
Paul LePage	12
Beto O'Rourke	11
Greg Abbott	11
Chuck Grassley	10
Derek Schmidt	10
Gavin Newsom	10
Joe Biden	10
Charlie Crist	9
Kevin Stitt	9
Bob Stefanowski	8
Mandela Barnes	8
Zach Nunn	8
Liz Mathis	7
Marjorie Taylor Greene	7
Deidre DeJear	6
Glenn Youngkin	6
Joni Ernst	6
Kevin Rinke	6
Michael Bennet	6
Rebecca Kleefisch	6
Ted Budd	6
Kathy Hochul	5
Kevin Kiley	5
Marco Rubio	5
Mariannette Miller-Meeks	5
Ned Lamont	5
Tim Walz	5
Cavalier Johnson	4
Cheri Beasley	4
Christina Bohannon	4
Christine Drazan	4
Glenn Grothman	4
Joe Bolkcom	4
Kevin Kinney	4
Leora Levy	4
Sarah Trone Garriott	4
Tina Kotek	4
Barbara Kirkmeyer	3
Bob Good	3
Catherine Cortez Masto	3
Garrett Soldano	3
Jared Polis	3
Joey Gilbert	3
Josh Shapiro	3
Joy Hofmeister	3
Kevin Hall	3

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)) %>%
  print(50) %>%
  kable()
```

```
## # 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
```

Claimant Name // (Claim Source?)	n
Kim Reynolds	28
Ron Johnson	16
Gretchen Whitmer	15
Tony Evers	15
Ron DeSantis	13
Greg Abbott	11
Chuck Grassley	10
Gavin Newsom	10
Ashley Hinson	9
Kevin Stitt	9
Marjorie Taylor Greene	7
Michael Bennet	6
Kathy Hochul	5
Marco Rubio	5
Ned Lamont	5
Tim Walz	5
Joni Ernst	4
Kevin Kinney	4
Catherine Cortez Masto	3
Jared Polis	3
Phil Weiser	3
Barbara Kirkmeyer	2
Bobbie Richardson	2
Brian Kemp	2
Cavalier Johnson	2
J.B. Pritzker	2
Janet Mills	2
Laura Kelly	2
Mariannette Miller-Meeks	2
Michelle Lujan Grisham	2
Rob Sand	2
Steve Sisolak	2
Andrea Stewart-Cousins	1
Angela Alsobrooks	1
Blaine Wilhour	1
Charles Schumer	1
Cindy Axne	1
Crystal Peoples-Stokes	1
Dave Yost	1
David Willis	1
Deb Butler	1
Donald Trump	1
Francesca Hong	1
Greta Neubauer	1
Jena Griswold	1
Jennifer Konfrst	1
Jocelyn Benson	1
John Macco	1
John O'Connor	1
Josh Kaul	1
Julie Mayfield	1
Kathy Hoffman	1
Keith Ellison	1
Kevin Hern	1
Mike Klimesh	1
Pam Helming	1
Robert Ort	1
Robbie V	1

number of fact-checks by current officeholder (yes)

```
LocalFact %>%
  filter(`Current Officeholder?` == "Yes") %>%
  group_by(`Claimant Name // (Claim Source?)`) %>%
  count() %>%
  arrange(desc(n)) %>%
  print(50) %>%
  kable()
```

```
## # 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
```

Claimant Name // (Claim Source?)	n
Kim Reynolds	28
Cindy Axne	16
Ron Johnson	16
Gretchen Whitmer	15
Tony Evers	15
Ron DeSantis	13
Ashley Hinson	12
Greg Abbott	11
Chuck Grassley	10
Derek Schmidt	10
Gavin Newsom	10
Joe Biden	10
Charlie Crist	9
Kevin Stitt	9
Mandela Barnes	8
Liz Mathis	7
Marjorie Taylor Greene	7
Glenn Youngkin	6
Joni Ernst	6
Michael Bennet	6
Ted Budd	6
Kathy Hochul	5
Kevin Kiley	5
Marco Rubio	5
Mariannette Miller-Meeks	5
Ned Lamont	5
Tim Walz	5
Cavalier Johnson	4
Christina Bohannon	4
Glenn Grothman	4
Joe Bolkcom	4
Kevin Kinney	4
Barbara Kirkmeyer	3
Bob Good	3
Catherine Cortez Masto	3
Jared Polis	3
Josh Shapiro	3
Joy Hofmeister	3
Kevin Calvey	3
Kim David	3
Leora Levy	3
Michael Whatley	3
Nikki Fried	3
Phil Weiser	3
Roby Smith	3
Sarah Godlewski	3
Tammy Baldwin	3
Ted Cruz	3
Val Demings	3
Zach Nunn	3
Abigail Spanberger	2
Bobbie Richardson	2
Brian Kemp	2
Eric Schmitt	2
J.B. Pritzker	2
Janet Mills	2
Joe Manchin	2
Josh Kust	2

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)) %>%
  print(50) %>%
  kable()
```

```
## # 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
```

Claimant Name // (Claim Source?)	n
Kim Reynolds	28
Tudor Dixon	18
Cindy Axne	16
Ron Johnson	16
Gretchen Whitmer	15
Tony Evers	15
Donald Trump	14
Tim Michels	14
Kari Lake	13
Ron DeSantis	13
Ashley Hinson	12
Mike Franken	12
Paul LePage	12
Beto O'Rourke	11
Greg Abbott	11
Chuck Grassley	10
Derek Schmidt	10
Gavin Newsom	10
Charlie Crist	9
Kevin Stitt	9
Bob Stefanowski	8
Mandela Barnes	8
Zach Nunn	8
Liz Mathis	7
Marjorie Taylor Greene	7
Deidre DeJear	6
Kevin Rinke	6
Michael Bennet	6
Rebecca Kleefisch	6
Ted Budd	6
Kathy Hochul	5
Kevin Kiley	5
Marco Rubio	5
Mariannette Miller-Meeks	5
Ned Lamont	5
Tim Walz	5
Cheri Beasley	4
Christina Bohannon	4
Christine Drazan	4
Glenn Grothman	4
Joni Ernst	4
Kevin Kinney	4
Leora Levy	4
Sarah Trone Garriott	4
Tina Kotek	4
Bob Good	3
Catherine Cortez Masto	3
Garrett Soldano	3
Jared Polis	3
Joey Gilbert	3
Josh Shapiro	3
Joy Hofmeister	3
Katie Hobbs	3
Kevin Calvey	3
Kim David	3
Kris Mayes	3
Mehmet Oz	3
Nikki Finke	3

number of fact-checks by office held

```
LocalFact %>%
  group_by(`Current Position`) %>%
  count() %>%
  arrange(desc(n)) %>%
  print(50) %>%
  kable()
```

```
## # 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
```

Current Position	n
NA	826
Governor	145
U.S. Representative	93
State Legislator	73
U.S. Senator	61
State Attorney General	23
Mayor	11
President	11
County Official	6
State Political Party Chair	6
National Party Committee Member	4
State Secretary of State	4
Superintendent of Public Instruction	4
Lieutenant Governor	3
State Official	3
State Treasurer	3
State Auditor	2
State Surgeon General	2
City Council Member	1

number of fact-checks by office sought

```
LocalFact %>%  
  group_by(`Aspiring Position`) %>%  
  count() %>%  
  arrange(desc(n)) %>%  
  print(50) %>%  
  kable()
```

```
## # 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
```

Aspiring Position	n
NA	651
Governor	294
U.S. Senator	104
Representative	82
U.S. Representative	40
State Legislator	34
State Attorney General	17
President	14
Superintendent of Public Instruction	8
State Official	7
State Treasurer	7
District Attorney	6
State Secretary of State	6
Mayor	4
State Auditor	2
State Political Party Chair	2
City Council Member	1
County Official	1
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: 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

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

```
## # 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

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

```
## # 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?

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

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

splitclaims/uniqueclaims*100
```

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