Project4

select \* from candidates  
limit 1,10

Displaying records 1 - 10

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cand\_id | cand\_name | cand\_party\_affiliation | cand\_election\_yr | cand\_office\_state | cand\_office | cand\_office\_district | cand\_ici | cand\_status | cand\_pcc | cand\_st1 | cand\_st2 | cand\_city | cand\_state | cand\_zip | election\_cycle |
| H0AL02087 | ROBY, MARTHA | REP | 2016 | AL | H | 2 | I | C | C00462143 | PO BOX 195 |  | MONTGOMERY | AL | 36101 | 2016 |
| H0AL02095 | JOHN, ROBERT E JR | IND | 2016 | AL | H | 2 | C | N |  | 1465 W OVERBROOK RD |  | MILLBROOK | AL | 36054 | 2016 |
| H0AL05049 | CRAMER, ROBERT E “BUD” JR | DEM | 2008 | AL | H | 5 |  | P | C00239038 | PO BOX 2621 |  | HUNTSVILLE | AL | 35804 | 2016 |
| H0AL05163 | BROOKS, MO | REP | 2016 | AL | H | 5 | I | C | C00464149 | 7610 FOXFIRE DRIVE |  | HUNTSVILLE | AL | 35802 | 2016 |
| H0AL06088 | COOKE, STANLEY KYLE | REP | 2010 | AL | H | 6 | C | N | C00464222 | 723 CHERRY BROOK ROAD |  | KIMBERLY | AL | 35091 | 2016 |
| H0AL07086 | SEWELL, TERRYCINA ANDREA | DEM | 2016 | AL | H | 7 | I | C | C00458976 | PO BOX 1964 |  | BIRMINGHAM | AL | 35201 | 2016 |
| H0AL07094 | HILLIARD, EARL FREDERICK JR | DEM | 2010 | AL | H | 7 | O | P | C00460410 | PO BOX 12804 |  | BIRMINGHAM | AL | 35202 | 2016 |
| H0AL07177 | CHAMBERLAIN, DON | REP | 2012 | AL | H | 7 | C | P | C00482059 | 512 LAPSLEY ST |  | SELMA | AL | 36701 | 2016 |
| H0AR01083 | CRAWFORD, ERIC ALAN RICK | REP | 2016 | AR | H | 1 | I | C | C00462374 | 34 CR 455 |  | JONESBORO | AR | 72404 | 2016 |
| H0AR01091 | GREGORY, JAMES CHRISTOPHER | DEM | 2010 | AR | H | 1 | O | N | C00472126 | 510 S LILLY ST |  | BLYTHEVILLE | AR | 72315 | 2016 |

SELECT  
 c.cand\_id,  
 c.cand\_name,  
 c.cand\_party\_affiliation,  
 c.cand\_election\_yr,  
 c.cand\_office\_state,  
 c.cand\_zip,  
 b.transaction\_dt,   
 sum(transaction\_amt) AS total\_trans  
FROM candidates AS c   
LEFT JOIN contrib\_com\_to\_cand AS b ON c.cand\_id = b.cand\_id   
WHERE c.cand\_election\_yr >= 2016 AND c.cand\_id<=1 AND b.transaction\_dt<=1  
GROUP BY c.cand\_id  
order by c.cand\_office\_state

Displaying records 1 - 10

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| cand\_id | cand\_name | cand\_party\_affiliation | cand\_election\_yr | cand\_office\_state | cand\_zip | transaction\_dt | total\_trans |
| H6AK00045 | YOUNG, DONALD E | REP | 2016 | AK | 99503 |  | 13 |
| S4AK00099 | MURKOWSKI, LISA | REP | 2016 | AK | 0 |  | 680 |
| H4AL01123 | BYRNE, BRADLEY ROBERTS | REP | 2016 | AL | 36532 |  | 9 |
| H0AL07086 | SEWELL, TERRYCINA ANDREA | DEM | 2016 | AL | 35201 |  | 1000 |
| H0AL05163 | BROOKS, MO | REP | 2016 | AL | 35802 |  | 11 |
| S6AL00013 | SHELBY, RICHARD C | REP | 2016 | AL | 35403 |  | 33886 |
| H4AL06098 | PALMER, GARY | REP | 2016 | AL | 8388607 |  | 10 |
| H2AL03032 | ROGERS, MICHAEL DENNIS | REP | 2016 | AL | 36201 |  | 32235 |
| H6AL04098 | ADERHOLT, ROBERT BROWN | REP | 2016 | AL | 35565 |  | 7 |
| H0AL02087 | ROBY, MARTHA | REP | 2016 | AL | 36101 |  | 32236 |

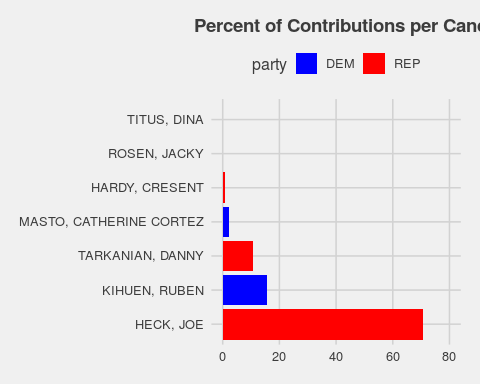
## cand\_id cand\_name  
## 1 H6AK00045 YOUNG, DONALD E  
## 2 S4AK00099 MURKOWSKI, LISA  
## 3 H4AL01123 BYRNE, BRADLEY ROBERTS  
## 4 H0AL07086 SEWELL, TERRYCINA ANDREA  
## 5 H0AL05163 BROOKS, MO  
## 6 S6AL00013 SHELBY, RICHARD C  
## 7 H4AL06098 PALMER, GARY  
## 8 H2AL03032 ROGERS, MICHAEL DENNIS  
## 9 H6AL04098 ADERHOLT, ROBERT BROWN  
## 10 H0AL02087 ROBY, MARTHA  
## 11 H4AR04048 WESTERMAN, BRUCE MR.  
## 12 H0AR01083 CRAWFORD, ERIC ALAN RICK  
## 13 H4AR02141 HILL, JAMES FRENCH  
## 14 H0AR03055 WOMACK, STEVE  
## 15 S0AR00150 BOOZMAN, JOHN  
## 16 H6AZ09010 GILES, DAVID VICTOR  
## 17 H4AZ04024 FRANKS, TRENT  
## 18 H2AZ08102 MCSALLY, MARTHA E. MS.  
## 19 H6AZ05083 BIGGS, ANDY  
## 20 H4AZ06045 SCHWEIKERT, DAVID  
## 21 S6AZ00019 MCCAIN, JOHN S  
## 22 H0AZ01259 GOSAR, PAUL DR.  
## 23 H2AZ04127 BABEU, PAUL RAYMOND  
## 24 H6AZ07030 NUNEZ, EVANGELINE MARTINEZ  
## 25 H2CA20094 VALADAO, DAVID  
## 26 H2CA31125 AGUILAR, PETE  
## 27 H6CA36182 STONE, JEFFREY E  
## 28 H4CA25123 KNIGHT, STEVE  
## 29 H0CA49055 DAVIS, SUSAN  
## 30 H6CA25177 CAFORIO, BRYAN  
## 31 H8CA42061 ROHRABACHER, DANA  
## 32 H0CA11337 AMADOR, ANTONIO C  
## 33 H2CA00120 BROWNLEY, JULIA  
## 34 H2CA02142 LAMALFA, DOUG  
## 35 H6CA49102 APPLEGATE, DOUGLAS LOREN  
## 36 H4CA24142 FAREED, JUSTIN  
## 37 H4CA45097 WALTERS, MIMI  
## 38 H6CA46116 CORREA, JOSE LUIS (LOU) MR.  
## 39 H2CA08164 COOK, PAUL  
## 40 H0CA32101 CHU, JUDY  
## 41 H6CA11169 PETERSEN, ROGER  
## 42 H6CA35127 FISCHELLA, TYLER R  
## 43 H2CA30143 BECERRA, XAVIER  
## 44 H6CA30185 REED, MARK  
## 45 H2CA35100 HALL, ISADORE III  
## 46 H8CA04152 MCCLINTOCK, THOMAS  
## 47 H2CA37023 CALVERT, KEN  
## 48 H8CA20059 NUNES, DEVIN G  
## 49 H2CA16100 TACHERRA, JOHNNY  
## 50 H2CA28113 CARDENAS, TONY  
## 51 H6CA22125 MCCARTHY, KEVIN  
## 52 H8CA52052 HUNTER, DUNCAN D.  
## 53 H0CA33117 BASS, KAREN  
## 54 H6CA21218 HUERTA, EMILIO JESUS MR.  
## 55 H0CA48024 ISSA, DARRELL   
## 56 H6CA39020 ROYCE, ED MR.  
## 57 H6CA03117 CLEEK, N EUGENE MD  
## 58 H6CA24303 CARBAJAL, SALUD  
## 59 H6CA52130 GITSHAM, DENISE  
## 60 H6CO07106 ATHANASOPOULOS, GEORGE MR.  
## 61 H6CO05159 LAMBORN, DOUGLAS  
## 62 H8CO06138 COFFMAN, MIKE REP.  
## 63 H4CO04090 BUCK, KENNETH R  
## 64 S0CO00211 BENNET, MICHAEL F  
## 65 H6CO02149 MORSE, NICHOLAS GRANT MR.  
## 66 H6CO03139 TIPTON, SCOTT R.  
## 67 S6CO00226 GLENN, DARRYL  
## 68 H0CT02140 NOVAK, DARIA IRENE  
## 69 H6CT03145 CADENA , ANGEL LUIS JR  
## 70 H2CT01189 COREY, MATTHEW M MR  
## 71 H2FL14152 GOSS, CHAUNCEY P  
## 72 H6FL04105 RUTHERFORD, JOHN  
## 73 H2FL08055 MICA, JOHN L. MR.  
## 74 H0FL18025 ROS-LEHTINEN, ILEANA THE HON.  
## 75 S6FL00319 MURPHY, PATRICK E  
## 76 H6FL01119 GAETZ, MATT  
## 77 H4FL13101 JOLLY, DAVID W.  
## 78 H6FL19095 BONGINO, DANIEL J  
## 79 H2FL00292 DESANTIS, RONALD D.  
## 80 H6FL18097 MAST, BRIAN  
## 81 H4FL26038 CURBELO, CARLOS MR.  
## 82 H6FL02208 DUNN, NEAL PATRICK MD, FACS  
## 83 H6FL07140 MURPHY, STEPHANIE  
## 84 H6FL19087 ROONEY, FRANCIS  
## 85 S0FL00338 RUBIO, MARCO  
## 86 H6FL23063 CANOVA, TIMOTHY A.  
## 87 H2GA12121 ALLEN, RICHARD W  
## 88 H4GA11061 LOUDERMILK, BARRY  
## 89 H0GA08099 SCOTT, JAMES AUSTIN  
## 90 H6GA03113 FERGUSON, ANDERSON DREW IV  
## 91 H0GA13032 CRANE, MICHAEL ROBERT  
## 92 H4GA01039 CARTER, EARL LEROY  
## 93 H0GA07133 WOODALL, ROB REP.  
## 94 H4GA06087 PRICE, THOMAS EDMUNDS  
## 95 S6GA00119 ISAKSON, JOHN HARDY  
## 96 H0GA07125 HICE, JODY  
## 97 H2GA09150 COLLINS, DOUGLAS ALLEN  
## 98 H0GA09030 GRAVES, JOHN THOMAS MR. JR.  
## 99 S0HI00126 CARROLL, JOHN STANLEY  
## 100 H6HI01287 DELACRUZ SANTIAGO OSTROV, SHIRLENE  
## 101 H2IA01055 BLUM, RODNEY  
## 102 S0IA00028 GRASSLEY, CHARLES E SENATOR  
## 103 H2IA05072 KING, STEVE MR.  
## 104 H4IA03115 YOUNG, DAVID  
## 105 H8ID02064 SIMPSON, MICHAEL  
## 106 S8ID00027 CRAPO, MICHAEL   
## 107 H0ID01253 LABRADOR, RAUL R. HON.  
## 108 H6IL18088 LAHOOD, DARIN MCKAY  
## 109 H2IL20042 SHIMKUS, JOHN M  
## 110 H6IL17205 HARLAN, PATRICK  
## 111 H6IL06117 ROSKAM, PETER  
## 112 H4IL12060 BOST, MICHAEL  
## 113 H0IL10302 DOLD, ROBERT JAMES JR  
## 114 H6IL11117 KHOURI, TONIA  
## 115 H0IL11052 KINZINGER, ADAM  
## 116 H6IL01159 DEUSER, AUGUST (O'NEILL)  
## 117 H2IL13120 DAVIS, RODNEY L  
## 118 H0IL14080 HULTGREN, RANDY  
## 119 S6IN00191 YOUNG, TODD CHRISTOPHER  
## 120 H6IN09176 HOLLINGSWORTH, TREY  
## 121 S0IN00095 STUTZMAN, MARLIN A  
## 122 S8IN00049 BAYH, EVAN  
## 123 S2IN00091 DONNELLY, JOSEPH S  
## 124 S0KS00091 MORAN, JERRY  
## 125 H8KS02090 JENKINS, LYNN  
## 126 H0KS03137 YODER, KEVIN  
## 127 H6KS01146 HUELSKAMP, TIMOTHY A REPRESENTA  
## 128 H0KS04051 POMPEO, MICHAEL RICHARD  
## 129 H6KS01179 MARSHALL, ROGER W  
## 130 H2KY04121 MASSIE, THOMAS H.  
## 131 H6KY03173 BRATCHER, HAROLD  
## 132 H6KY01110 COMER, JAMES  
## 133 S0KY00156 PAUL, RAND  
## 134 H0KY06104 BARR, GARLAND ANDY  
## 135 H0KY05015 ROGERS, HAROLD DALLAS  
## 136 H8KY02031 GUTHRIE, S. BRETT HON.  
## 137 H0LA01087 SCALISE, STEVE MR.  
## 138 H6LA04138 JOHNSON, JAMES MICHAEL  
## 139 S6LA00334 FAYARD, CATHRYN CAROLINE  
## 140 S6LA00318 FLEMING, JOHN C JR  
## 141 S6LA00300 BOUSTANY, CHARLES W JR DR  
## 142 S4LA00065 KENNEDY, JOHN NEELY  
## 143 H4MA09052 ALLIEGRO, MARK C  
## 144 H0MA09027 ROSA, DAVID A  
## 145 H6MA08299 BURKE, WILLIAM F  
## 146 S6MD03508 SZELIGA, KATHY  
## 147 H6MD08564 COX, DAN  
## 148 H6MD02211 MCDONOUGH, PATRICK L  
## 149 H4MD05144 ARNESS, MARK KENNETH  
## 150 H8MD01094 HARRIS, ANDREW P  
## 151 S6MD00140 MIKULSKI, BARBARA  
## 152 S6MD03441 VAN HOLLEN, CHRIS  
## 153 H4MD07074 VAUGHN, CARROGAN R  
## 154 H4ME02200 CAIN, EMILY  
## 155 H4ME02234 POLIQUIN, BRUCE L  
## 156 H4MI05123 HARDWICK, ALAN  
## 157 H4MI08135 BISHOP, MIKE  
## 158 H0MI02094 HUIZENGA, WILLIAM P THE HON.  
## 159 H6MI12264 JONES, JEFF  
## 160 H6MI08247 GILBERT, MELISSA  
## 161 H0MI03126 AMASH, JUSTIN  
## 162 H6MI07223 DRISKELL, GRETCHEN  
## 163 H6MI04113 UPTON, FREDERICK STEPHEN  
## 164 H4MI04126 MOOLENAAR, JOHN  
## 165 H4MI07103 WALBERG, TIMOTHY L HON.  
## 166 H6MI01226 BERGMAN, JOHN  
## 167 H4MI11097 TROTT, DAVID A  
## 168 H8MN03077 PAULSEN, ERIK  
## 169 H6MN05332 DRAKE, FRANK NELSON  
## 170 H2MN07014 PETERSON, COLLIN CLARK  
## 171 H2MN08111 NOLAN, RICHARD M.  
## 172 H4MN06087 EMMER, THOMAS EARL JR.  
## 173 H4MN08083 MILLS, STEWART MR.  
## 174 H6MN02149 LEWIS, JASON MARK MR.  
## 175 H0MN01045 HAGEDORN, JAMES  
## 176 S6MO00362 KANDER, JASON  
## 177 S0MO00183 BLUNT, ROY  
## 178 H0MS04120 PALAZZO, STEVEN MCCARTY  
## 179 H8MS03067 HARPER, GREGG  
## 180 H6MS01131 KELLY, JOHN TRENT  
## 181 H4MT01041 ZINKE, RYAN K  
## 182 H2NC09134 PITTENGER, ROBERT M. HON.  
## 183 H4NC05146 FOXX, VIRGINIA ANN  
## 184 H6NC13137 HOWARD, JULIA CRAVEN  
## 185 H2NC08185 HUDSON, RICHARD L. JR.  
## 186 H2NC13110 HOLDING, GEORGE E MR.  
## 187 S6NC00266 ROSS, DEBORAH K  
## 188 S4NC00089 BURR, RICHARD M  
## 189 S0ND00093 HOEVEN, JOHN  
## 190 S2ND00099 HEITKAMP, HEIDI  
## 191 H4NE01064 FORTENBERRY, JEFFREY L. HONORABLE  
## 192 H6NE02125 BACON, DONALD  
## 193 H6NE03115 SMITH, ADRIAN  
## 194 H6NH01230 SHEA-PORTER, CAROL  
## 195 S0NH00235 AYOTTE, KELLY A  
## 196 H0NH01217 GUINTA, FRANK  
## 197 S6NH00091 HASSAN, MARGARET WOOD  
## 198 H6NJ05171 GOTTHEIMER, JOSH  
## 199 H6NJ12201 UCCIO, STEVEN J.  
## 200 H8NJ04014 SMITH, CHRISTOPHER H  
## 201 H6NJ12136 LANCE, LEONARD  
## 202 H4NJ01084 NORCROSS, DONALD W  
## 203 H2NJ02037 LOBIONDO, FRANK A.  
## 204 H8NJ05052 GARRETT, SCOTT REP.  
## 205 H4NJ03130 MACARTHUR, THOMAS  
## 206 H2NJ05014 FRELINGHUYSEN, RODNEY P.  
## 207 H4NM01124 PRIEM, RICHARD G  
## 208 H6NM03067 ROMERO, MICHAEL H  
## 209 H2NM02126 PEARCE, STEVAN E.  
## 210 H2NV00050 KIHUEN, RUBEN  
## 211 H6NV03139 ROSEN, JACKY  
## 212 H2NV04045 TARKANIAN, DANNY  
## 213 S6NV00218 HECK, JOE  
## 214 H4NV04017 HARDY, CRESENT  
## 215 H8NV03036 TITUS, DINA  
## 216 S6NV00200 MASTO, CATHERINE CORTEZ  
## 217 H2NY03089 KING, PETER T. HON.  
## 218 H0NY29054 REED, THOMAS W II  
## 219 H6NY19169 FASO, JOHN J. MR.  
## 220 H6NY11174 DONOVAN, DAN  
## 221 H8NY01148 ZELDIN, LEE M  
## 222 H2NY09110 CAVANAGH, DANIEL J  
## 223 H6NY22148 BABINEC, MARTIN  
## 224 H6NY14244 SPOTORNO, FRANK  
## 225 H6NY19243 TEACHOUT, ZEPHYR  
## 226 H6NY03197 MARTINS, JACK  
## 227 H4NY29098 ASSINI, MARK W  
## 228 S2NY00259 LONG, WENDY  
## 229 H8NY29032 COLLINS, CHRISTOPHER C  
## 230 H4NY22051 TENNEY, CLAUDIA  
## 231 H4NY24073 KATKO, JOHN M  
## 232 H6NY12115 ROMAGUERA, ALLAN E.  
## 233 S6OH00254 STRICKLAND, TED  
## 234 H2OH14064 JOYCE, DAVID P  
## 235 S0OH00133 PORTMAN, ROB  
## 236 H2OK02083 MULLIN, MARKWAYNE MR.  
## 237 H4OK06056 LUCAS, FRANK D.  
## 238 H2OK01143 BRIDENSTINE, JAMES FREDERICK  
## 239 H2OK04055 COLE, TOM  
## 240 H4OK05132 RUSSELL, STEVEN DANE  
## 241 H0OR04081 ROBINSON, ART DR.  
## 242 H6OR02116 WALDEN, GREGORY P MR.  
## 243 H6OR05143 WILLIS, COLM  
## 244 S4OR00172 CALLAHAN, MARK ALLEN  
## 245 H8PA01153 BRADY, ROBERT A  
## 246 S6PA00217 CASEY, ROBERT P JR  
## 247 S4PA00121 TOOMEY, PATRICK JOSEPH  
## 248 H6PA08228 SANTARSIERO, STEVEN J  
## 249 H6PA08277 FITZPATRICK, BRIAN  
## 250 H6PA16320 SMUCKER, LLOYD K  
## 251 H4PA08116 NAUGHTON, SHAUGHNESSY  
## 252 S6PA00266 MCGINTY, KATHLEEN ALANA  
## 253 H4RI01133 TAUB, H. RUSSELL  
## 254 H4RI02107 REIS, RHUE  
## 255 H0SC03077 DUNCAN, JEFFREY D MR.  
## 256 H2SC07066 RICE, TOM  
## 257 H4SC01073 SANFORD, MARSHALL C. HON.  
## 258 S4SC00240 SCOTT, TIMOTHY E  
## 259 H2SC02059 WILSON, JOE THE HON.  
## 260 H0SC04257 GOWDY, TREY  
## 261 H0SC05031 MULVANEY, JOHN MICHAEL 'MICK'  
## 262 H0SD00054 NOEM, KRISTI LYNN  
## 263 H2TN07103 KUSTOFF, DAVID  
## 264 H0TN06257 BLACK, DIANE L MRS.  
## 265 H6TN01388 ROE, DAVID PHILLIP DR.  
## 266 H0TN03254 FLEISCHMANN, CHARLES J  
## 267 H6TN05322 SNYDER, STACY RIES  
## 268 H8TN02069 DUNCAN, JOHN J REP. JR.  
## 269 H2TX03126 SESSIONS, PETE MR.  
## 270 H6TX34031 GONZALEZ, REY DR.  
## 271 H4TX06117 BARTON, JOE LINUS  
## 272 H4TX04153 RATCLIFFE, JOHN L  
## 273 H0TX07055 CULBERSON, JOHN  
## 274 H4TX02108 POE, TED  
## 275 H2TX35029 NARVAIZ, SUSAN  
## 276 H2TX14149 WEBER, RANDY  
## 277 H6TX09082 MARTIN, JEFF  
## 278 H2TX05121 HENSARLING, JEB HON.  
## 279 H6TX15204 WESTLEY, TIMMY LEE  
## 280 H6TX08175 TOTH, STEVE  
## 281 H2TX33040 WILLIAMS, ROGER  
## 282 H2TX31044 CARTER, JOHN R. REP.  
## 283 H0TX17104 FLORES, BILL  
## 284 H2TX33099 MITCHELL, MONTE MARK  
## 285 H4TX13014 THORNBERRY, MAC  
## 286 H0TX23086 HURD, WILLIAM  
## 287 H2TX29030 GREEN, RAYMOND E. 'GENE'  
## 288 H6TX28074 HARDIN, ZEFFEN MR  
## 289 H4TX24094 MARCHANT, KENNY E MR.  
## 290 H4TX04039 GOHMERT, LOUIS B. MR. JR.  
## 291 H8TX22107 OLSON, PETER G.  
## 292 H2TX03118 JOHNSON, SAM MR.  
## 293 H6TX02079 BABIN, BRIAN  
## 294 H6TX08100 BRADY, KEVIN  
## 295 H4TX10093 MCCAUL, MICHAEL  
## 296 H6TX18141 BARTLEY, LORI ANITA MRS.  
## 297 H2TX26093 BURGESS, MICHAEL C. DR.  
## 298 H0TX27061 FARENTHOLD, RANDOLPH BLAKE  
## 299 H6TX19099 ARRINGTON, JODEY COOK  
## 300 H4TX19136 CONAWAY, MICHAEL HONORABLE  
## 301 H6TX21012 SMITH, LAMAR  
## 302 H0TX30032 LINGERFELT, CHARLES B  
## 303 P60006723 RUBIO, MARCO  
## 304 P60012143 BIDEN, JOE R  
## 305 P60006111 CRUZ, RAFAEL EDWARD "TED"  
## 306 P60007168 SANDERS, BERNARD  
## 307 P20003281 PERRY, JAMES R (RICK)  
## 308 P60008059 BUSH, JEB  
## 309 P60008521 CHRISTIE, CHRISTOPHER J  
## 310 P00003392 CLINTON, HILLARY RODHAM / TIMOTHY MICHAEL KAINE  
## 311 P60007572 PATAKI, GEORGE E  
## 312 P80001571 TRUMP, DONALD J. / MICHAEL R. PENCE   
## 313 P60003670 KASICH, JOHN R  
## 314 H8UT03089 CHAFFETZ, JASON  
## 315 H2UT02324 STEWART, CHRIS  
## 316 H2UT04023 LOVE, MIA  
## 317 S0UT00165 LEE, MIKE  
## 318 H2UT01094 BISHOP, ROBERT  
## 319 H6VA03089 WILLIAMS, MARTIN L. MR.  
## 320 H6VA05142 GARRETT, THOMAS ALEXANDER MR. JR.  
## 321 H0VA02118 TAYLOR, SCOTT  
## 322 H6VA07130 WADE, MICHAEL LEO  
## 323 H2VA06115 GOODLATTE, ROBERT W.  
## 324 H4VA10089 COMSTOCK, BARBARA J HONORABLE  
## 325 H0VA09055 GRIFFITH, H MORGAN  
## 326 H4VA07143 BRAT, DAVID ALAN MR.  
## 327 H8VA01147 WITTMAN, ROBERT J MR.  
## 328 H6WA05171 RODGERS, CATHY MCMORRIS  
## 329 H6WA07458 JAYAPAL, PRAMILA  
## 330 H4WA08071 REICHERT, DAVE  
## 331 H4WA04104 NEWHOUSE, DAN  
## 332 H0WA03187 HERRERA BEUTLER, JAIME  
## 333 H8WI01024 RYAN, PAUL D.  
## 334 S8WI00026 FEINGOLD, RUSSELL DANA  
## 335 S0WI00197 JOHNSON, RONALD HAROLD  
## 336 H6WI08155 GALLAGHER, MICHAEL JOHN  
## 337 H6WI08163 NELSON, TOM  
## 338 H0WV01072 MCKINLEY, DAVID B. MR.  
## 339 H6WV01087 MANYPENNY, MIKE  
## 340 H4WV03070 JENKINS, EVAN H  
## 341 H6WV01095 MANYPENNY, MICHAEL NOEL HON. II  
## 342 H0WV02104 HUNT, MARK ALLEN  
## 343 H6WV02127 PEYTON, HARVEY D.  
## 344 H6WV03091 DETCH, MATTHEW PAUL  
## 345 H4WV02080 MOONEY, ALEXANDER XAVIER  
## 346 H6WY00159 CHENEY, ELIZABETH MRS.  
## cand\_party\_affiliation cand\_election\_yr cand\_office\_state cand\_zip  
## 1 REP 2016 AK 99503  
## 2 REP 2016 AK 0  
## 3 REP 2016 AL 36532  
## 4 DEM 2016 AL 35201  
## 5 REP 2016 AL 35802  
## 6 REP 2016 AL 35403  
## 7 REP 2016 AL 8388607  
## 8 REP 2016 AL 36201  
## 9 REP 2016 AL 35565  
## 10 REP 2016 AL 36101  
## 11 REP 2016 AR 71903  
## 12 REP 2016 AR 72404  
## 13 REP 2016 AR 72217  
## 14 REP 2016 AR 8388607  
## 15 REP 2016 AR 72757  
## 16 REP 2016 AZ 85226  
## 17 REP 2016 AZ 8388607  
## 18 REP 2016 AZ 8388607  
## 19 REP 2016 AZ 85234  
## 20 REP 2016 AZ 85268  
## 21 REP 2016 AZ 22314  
## 22 REP 2016 AZ 86302  
## 23 REP 2016 AZ 85143  
## 24 REP 2016 AZ 85305  
## 25 REP 2016 CA 93704  
## 26 DEM 2016 CA 92423  
## 27 REP 2016 CA 92592  
## 28 REP 2016 CA 8388607  
## 29 DEM 2016 CA 8388607  
## 30 DEM 2016 CA 91355  
## 31 REP 2016 CA 92658  
## 32 REP 2016 CA 95242  
## 33 DEM 2016 CA 91358  
## 34 REP 2016 CA 95917  
## 35 DEM 2016 CA 92081  
## 36 REP 2016 CA 93105  
## 37 REP 2016 CA 92618  
## 38 DEM 2016 CA 8388607  
## 39 REP 2016 CA 8388607  
## 40 DEM 2016 CA 90048  
## 41 REP 2016 CA 94517  
## 42 REP 2016 CA 91773  
## 43 DEM 2016 CA 90071  
## 44 REP 2016 CA 91040  
## 45 DEM 2016 CA 90010  
## 46 REP 2016 CA 95661  
## 47 REP 2016 CA 92882  
## 48 REP 2016 CA 93290  
## 49 REP 2016 CA 93607  
## 50 DEM 2016 CA 90010  
## 51 REP 2016 CA 8388607  
## 52 REP 2016 CA 8388607  
## 53 DEM 2016 CA 90017  
## 54 DEM 2016 CA 93303  
## 55 REP 2016 CA 92085  
## 56 REP 2016 CA 8388607  
## 57 REP 2016 CA 8388607  
## 58 DEM 2016 CA 93102  
## 59 REP 2016 CA 92101  
## 60 REP 2016 CO 80033  
## 61 REP 2016 CO 80962  
## 62 REP 2016 CO 8388607  
## 63 REP 2016 CO 80633  
## 64 DEM 2016 CO 80206  
## 65 REP 2016 CO 80528  
## 66 REP 2016 CO 8388607  
## 67 REP 2016 CO 80962  
## 68 REP 2016 CT 6443  
## 69 REP 2016 CT 6484  
## 70 REP 2016 CT 6040  
## 71 REP 2016 FL 33902  
## 72 REP 2016 FL 32224  
## 73 REP 2016 FL 32789  
## 74 REP 2016 FL 8388607  
## 75 DEM 2016 FL 33418  
## 76 REP 2016 FL 32548  
## 77 REP 2016 FL 33785  
## 78 REP 2016 FL 34990  
## 79 REP 2016 FL 32004  
## 80 REP 2016 FL 34995  
## 81 REP 2016 FL 33173  
## 82 REP 2016 FL 32308  
## 83 DEM 2016 FL 32790  
## 84 REP 2016 FL 33606  
## 85 REP 2016 FL 33266  
## 86 DEM 2016 FL 33022  
## 87 REP 2016 GA 30904  
## 88 REP 2016 GA 8388607  
## 89 REP 2016 GA 31714  
## 90 REP 2016 GA 31833  
## 91 REP 2016 GA 30263  
## 92 REP 2016 GA 31322  
## 93 REP 2016 GA 8388607  
## 94 REP 2016 GA 30077  
## 95 REP 2016 GA 8388607  
## 96 REP 2016 GA 30655  
## 97 REP 2016 GA 30506  
## 98 REP 2016 GA 8388607  
## 99 REP 2016 HI 96813  
## 100 REP 2016 HI 96789  
## 101 REP 2016 IA 52003  
## 102 REP 2016 IA 0  
## 103 REP 2016 IA 8388607  
## 104 REP 2016 IA 50261  
## 105 REP 2016 ID 8388607  
## 106 REP 2016 ID 83701  
## 107 REP 2016 ID 8388607  
## 108 REP 2016 IL 61525  
## 109 REP 2016 IL 8388607  
## 110 REP 2016 IL 61401  
## 111 REP 2016 IL 60187  
## 112 REP 2016 IL 62966  
## 113 REP 2016 IL 60043  
## 114 REP 2016 IL 60502  
## 115 REP 2016 IL 8388607  
## 116 REP 2016 IL 60448  
## 117 UNK 2016 IL 8388607  
## 118 REP 2016 IL 60545  
## 119 REP 2016 IN 8388607  
## 120 REP 2016 IN 47130  
## 121 REP 2016 IN 46746  
## 122 DEM 2016 IN 46204  
## 123 DEM 2018 IN 46204  
## 124 REP 2016 KS 8388607  
## 125 REP 2016 KS 8388607  
## 126 REP 2016 KS 8388607  
## 127 REP 2016 KS 8388607  
## 128 REP 2016 KS 8388607  
## 129 REP 2016 KS 67530  
## 130 REP 2016 KY 8388607  
## 131 REP 2016 KY 40232  
## 132 REP 2016 KY 42167  
## 133 REP 2016 KY 41072  
## 134 REP 2016 KY 8388607  
## 135 REP 2016 KY 42502  
## 136 REP 2016 KY 8388607  
## 137 REP 2016 LA 70121  
## 138 REP 2016 LA 71006  
## 139 DEM 2016 LA 70896  
## 140 REP 2016 LA 71055  
## 141 REP 2016 LA 8388607  
## 142 REP 2016 LA 70447  
## 143 REP 2016 MA 2536  
## 144 REP 2016 MA 2715  
## 145 REP 2016 MA 2170  
## 146 REP 2016 MD 21128  
## 147 REP 2016 MD 21727  
## 148 REP 2016 MD 21220  
## 149 REP 2016 MD 20676  
## 150 REP 2016 MD 21666  
## 151 DEM 2016 MD 21218  
## 152 DEM 2016 MD 20895  
## 153 REP 2016 MD 21207  
## 154 DEM 2016 ME 4402  
## 155 REP 2016 ME 4963  
## 156 REP 2016 MI 48423  
## 157 REP 2016 MI 8388607  
## 158 REP 2016 MI 8388607  
## 159 REP 2016 MI 48180  
## 160 DEM 2016 MI 48116  
## 161 REP 2016 MI 49506  
## 162 DEM 2016 MI 48176  
## 163 REP 2016 MI 49085  
## 164 REP 2016 MI 8388607  
## 165 REP 2016 MI 8388607  
## 166 REP 2016 MI 49969  
## 167 REP 2016 MI 48009  
## 168 REP 2016 MN 55344  
## 169 REP 2016 MN 55344  
## 170 DEM 2016 MN 56501  
## 171 DFL 2016 MN 56441  
## 172 REP 2016 MN 8388607  
## 173 REP 2016 MN 56401  
## 174 REP 2016 MN 55129  
## 175 REP 2016 MN 56013  
## 176 DEM 2016 MO 65205  
## 177 REP 2016 MO 8388607  
## 178 REP 2016 MS 39535  
## 179 REP 2016 MS 39208  
## 180 REP 2016 MS 38804  
## 181 REP 2016 MT 8388607  
## 182 REP 2016 NC 8388607  
## 183 REP 2016 NC 28604  
## 184 REP 2016 NC 27028  
## 185 REP 2016 NC 8388607  
## 186 REP 2016 NC 27608  
## 187 DEM 2016 NC 27611  
## 188 REP 2016 NC 27113  
## 189 REP 2016 ND 58501  
## 190 DEM 2018 ND 58554  
## 191 REP 2016 NE 8388607  
## 192 REP 2016 NE 68046  
## 193 REP 2016 NE 8388607  
## 194 DEM 2016 NH 3866  
## 195 REP 2016 NH 8388607  
## 196 REP 2016 NH 3105  
## 197 DEM 2016 NH 3302  
## 198 DEM 2016 NJ 7451  
## 199 REP 2016 NJ 8520  
## 200 REP 2016 NJ 8388607  
## 201 REP 2016 NJ 7067  
## 202 DEM 2016 NJ 8102  
## 203 REP 2016 NJ 8406  
## 204 REP 2016 NJ 8388607  
## 205 REP 2016 NJ 8753  
## 206 REP 2016 NJ 7960  
## 207 REP 2016 NM 87111  
## 208 REP 2016 NM 0  
## 209 REP 2016 NM 8388607  
## 210 DEM 2016 NV 89102  
## 211 DEM 2016 NV 89074  
## 212 REP 2016 NV 89107  
## 213 REP 2016 NV 89136  
## 214 REP 2016 NV 89136  
## 215 DEM 2016 NV 89170  
## 216 DEM 2016 NV 89139  
## 217 REP 2016 NY 8388607  
## 218 REP 2016 NY 8388607  
## 219 REP 2016 NY 12106  
## 220 REP 2016 NY 8388607  
## 221 REP 2016 NY 11967  
## 222 CRV 2016 NY 11229  
## 223 IND 2016 NY 13365  
## 224 REP 2016 NY 10704  
## 225 DEM 2016 NY 12472  
## 226 REP 2016 NY 11568  
## 227 REP 2016 NY 14624  
## 228 REP 2016 NY 10029  
## 229 REP 2016 NY 8388607  
## 230 REP 2016 NY 13501  
## 231 REP 2016 NY 8388607  
## 232 REP 2016 NY 11215  
## 233 DEM 2016 OH 43213  
## 234 REP 2016 OH 44072  
## 235 REP 2016 OH 8388607  
## 236 REP 2016 OK 74965  
## 237 REP 2016 OK 8388607  
## 238 REP 2016 OK 8388607  
## 239 REP 2016 OK 73070  
## 240 REP 2016 OK 8388607  
## 241 REP 2016 OR 97523  
## 242 REP 2016 OR 8388607  
## 243 REP 2016 OR 97383  
## 244 REP 2016 OR 97302  
## 245 DEM 2016 PA 20515  
## 246 DEM 2018 PA 19102  
## 247 REP 2016 PA 18092  
## 248 DEM 2016 PA 19067  
## 249 REP 2016 PA 8388607  
## 250 REP 2016 PA 17604  
## 251 DEM 2016 PA 18901  
## 252 DEM 2016 PA 19087  
## 253 REP 2016 RI 2906  
## 254 REP 2016 RI 2898  
## 255 REP 2016 SC 8388607  
## 256 REP 2016 SC 29572  
## 257 REP 2016 SC 8388607  
## 258 REP 2016 SC 8388607  
## 259 REP 2016 SC 8388607  
## 260 REP 2016 SC 29304  
## 261 REP 2016 SC 29707  
## 262 REP 2016 SD 8388607  
## 263 REP 2016 TN 38138  
## 264 REP 2016 TN 8388607  
## 265 REP 2016 TN 8388607  
## 266 REP 2016 TN 37402  
## 267 REP 2016 TN 37027  
## 268 REP 2016 TN 37922  
## 269 REP 2016 TX 8388607  
## 270 REP 2016 TX 78550  
## 271 REP 2016 TX 75119  
## 272 REP 2016 TX 8388607  
## 273 REP 2016 TX 8388607  
## 274 REP 2016 TX 77347  
## 275 REP 2016 TX 78666  
## 276 REP 2016 TX 77546  
## 277 REP 2016 TX 77036  
## 278 REP 2016 TX 8388607  
## 279 REP 2016 TX 78154  
## 280 REP 2016 TX 77384  
## 281 REP 2016 TX 8388607  
## 282 REP 2016 TX 8388607  
## 283 REP 2016 TX 77805  
## 284 REP 2016 TX 8388607  
## 285 REP 2016 TX 8388607  
## 286 REP 2016 TX 78245  
## 287 DEM 2016 TX 77222  
## 288 REP 2016 TX 78109  
## 289 REP 2016 TX 8388607  
## 290 REP 2016 TX 75711  
## 291 REP 2016 TX 8388607  
## 292 REP 2016 TX 75074  
## 293 REP 2016 TX 75979  
## 294 REP 2016 TX 8388607  
## 295 REP 2016 TX 8388607  
## 296 REP 2016 TX 77238  
## 297 REP 2016 TX 8388607  
## 298 REP 2016 TX 8388607  
## 299 REP 2016 TX 79416  
## 300 REP 2016 TX 8388607  
## 301 REP 2016 TX 8388607  
## 302 REP 2016 TX 75336  
## 303 REP 2016 US 8388607  
## 304 DEM 2016 US 17388  
## 305 REP 2016 US 77265  
## 306 DEM 2016 US 5408  
## 307 REP 2016 US 78716  
## 308 REP 2016 US 33144  
## 309 REP 2016 US 7963  
## 310 DEM 2016 US 0  
## 311 REP 2016 US 10017  
## 312 REP 2016 US 10022  
## 313 REP 2016 US 43216  
## 314 REP 2016 UT 84004  
## 315 REP 2016 UT 84025  
## 316 REP 2016 UT 84045  
## 317 REP 2016 UT 84004  
## 318 REP 2016 UT 84302  
## 319 REP 2016 VA 23321  
## 320 REP 2016 VA 24590  
## 321 REP 2016 VA 23452  
## 322 REP 2016 VA 23238  
## 323 REP 2016 VA 8388607  
## 324 REP 2016 VA 22101  
## 325 REP 2016 VA 24068  
## 326 REP 2016 VA 23059  
## 327 REP 2016 VA 22520  
## 328 REP 2016 WA 99210  
## 329 DEM 2016 WA 98118  
## 330 REP 2016 WA 98015  
## 331 REP 2016 WA 8388607  
## 332 REP 2016 WA 8388607  
## 333 REP 2016 WI 8388607  
## 334 DEM 2016 WI 53562  
## 335 REP 2016 WI 0  
## 336 REP 2016 WI 54301  
## 337 DEM 2016 WI 54130  
## 338 REP 2016 WV 26003  
## 339 DEM 2016 WV 26354  
## 340 REP 2016 WV 25701  
## 341 DEM 2016 WV 26354  
## 342 DEM 2016 WV 25302  
## 343 DEM 2016 WV 25143  
## 344 DEM 2016 WV 24901  
## 345 REP 2016 WV 25402  
## 346 REP 2016 WY 82602  
## transaction\_dt total\_trans  
## 1 13  
## 2 680  
## 3 9  
## 4 1000  
## 5 11  
## 6 33886  
## 7 10  
## 8 32235  
## 9 7  
## 10 32236  
## 11 7  
## 12 8  
## 13 9  
## 14 8  
## 15 34  
## 16 11  
## 17 13  
## 18 125  
## 19 1590  
## 20 11  
## 21 10091  
## 22 21364  
## 23 342329  
## 24 2  
## 25 48158  
## 26 180  
## 27 10  
## 28 23262  
## 29 90  
## 30 18659  
## 31 12  
## 32 9  
## 33 90  
## 34 19  
## 35 665987  
## 36 168965  
## 37 15  
## 38 333191  
## 39 180  
## 40 90  
## 41 10  
## 42 5  
## 43 90  
## 44 7  
## 45 90  
## 46 19  
## 47 9  
## 48 15  
## 49 6  
## 50 90  
## 51 16  
## 52 16  
## 53 90  
## 54 160980  
## 55 23790  
## 56 14  
## 57 10  
## 58 90  
## 59 14  
## 60 16  
## 61 21  
## 62 813478  
## 63 19  
## 64 235258  
## 65 17  
## 66 657047  
## 67 47476  
## 68 21  
## 69 14  
## 70 16  
## 71 11800  
## 72 358  
## 73 268  
## 74 123  
## 75 289020  
## 76 11  
## 77 739362  
## 78 2400  
## 79 12  
## 80 246  
## 81 282824  
## 82 332  
## 83 42258  
## 84 238  
## 85 130357  
## 86 3000  
## 87 8  
## 88 8  
## 89 8  
## 90 9  
## 91 2000  
## 92 8  
## 93 8  
## 94 11  
## 95 1588544  
## 96 7  
## 97 10  
## 98 7  
## 99 13  
## 100 4  
## 101 267  
## 102 90233  
## 103 1258  
## 104 103047  
## 105 14  
## 106 39  
## 107 24  
## 108 50  
## 109 46  
## 110 34  
## 111 31  
## 112 33  
## 113 828714  
## 114 16  
## 115 35  
## 116 13  
## 117 33  
## 118 26  
## 119 50446  
## 120 746  
## 121 2640  
## 122 1909198  
## 123 281  
## 124 100  
## 125 23  
## 126 394  
## 127 46538  
## 128 24  
## 129 16975  
## 130 23  
## 131 20  
## 132 12  
## 133 972  
## 134 14  
## 135 7  
## 136 19  
## 137 22  
## 138 13392  
## 139 1250  
## 140 1579  
## 141 2600  
## 142 1871  
## 143 19  
## 144 16  
## 145 17  
## 146 139  
## 147 19  
## 148 10  
## 149 16  
## 150 17  
## 151 -1000  
## 152 992506  
## 153 10  
## 154 21587  
## 155 642598  
## 156 34  
## 157 203  
## 158 85  
## 159 31  
## 160 8  
## 161 66  
## 162 29309  
## 163 54  
## 164 50  
## 165 185206  
## 166 326256  
## 167 46  
## 168 74890  
## 169 21  
## 170 17500  
## 171 723146  
## 172 45  
## 173 1010749  
## 174 314984  
## 175 53  
## 176 1418260  
## 177 332053  
## 178 13  
## 179 15  
## 180 13  
## 181 227022  
## 182 600  
## 183 1308  
## 184 326532  
## 185 2991  
## 186 8095  
## 187 2247345  
## 188 235642  
## 189 37  
## 190 5281  
## 191 54  
## 192 283831  
## 193 60  
## 194 4580  
## 195 624029  
## 196 13603  
## 197 20611  
## 198 1880217  
## 199 15  
## 200 2421  
## 201 24  
## 202 1900  
## 203 20  
## 204 346811  
## 205 2423  
## 206 24  
## 207 21  
## 208 17  
## 209 18  
## 210 491952  
## 211 5432  
## 212 338396  
## 213 2252333  
## 214 26439  
## 215 2284  
## 216 67229  
## 217 9  
## 218 9415  
## 219 129764  
## 220 7  
## 221 215794  
## 222 1  
## 223 44066  
## 224 4  
## 225 9000  
## 226 10  
## 227 14  
## 228 317  
## 229 17  
## 230 630899  
## 231 187506  
## 232 1  
## 233 60340  
## 234 18470  
## 235 1051641  
## 236 8  
## 237 12  
## 238 14  
## 239 11  
## 240 10  
## 241 12  
## 242 9  
## 243 595  
## 244 63  
## 245 190  
## 246 210  
## 247 2019419  
## 248 148085  
## 249 26694  
## 250 576  
## 251 21430  
## 252 341283  
## 253 13  
## 254 14  
## 255 13  
## 256 9  
## 257 12  
## 258 79  
## 259 11  
## 260 14  
## 261 10  
## 262 51  
## 263 9  
## 264 11  
## 265 9  
## 266 9  
## 267 6  
## 268 10  
## 269 31241  
## 270 3  
## 271 12  
## 272 13  
## 273 10  
## 274 12  
## 275 5  
## 276 12  
## 277 4  
## 278 8  
## 279 6  
## 280 10125  
## 281 12  
## 282 12  
## 283 12  
## 284 3  
## 285 19  
## 286 453923  
## 287 955  
## 288 5  
## 289 13  
## 290 14  
## 291 11  
## 292 13  
## 293 12  
## 294 11710  
## 295 14  
## 296 3  
## 297 13  
## 298 15  
## 299 15  
## 300 16  
## 301 20  
## 302 4  
## 303 19878  
## 304 295202  
## 305 420516  
## 306 1263  
## 307 32650  
## 308 566  
## 309 1780409  
## 310 3911695  
## 311 58778  
## 312 6443107  
## 313 372325  
## 314 8  
## 315 7  
## 316 269388  
## 317 27  
## 318 7  
## 319 7  
## 320 628  
## 321 303  
## 322 210  
## 323 29  
## 324 16939  
## 325 20  
## 326 1786  
## 327 28  
## 328 30  
## 329 94602  
## 330 18  
## 331 30  
## 332 30  
## 333 647  
## 334 889164  
## 335 108961  
## 336 5958  
## 337 8039  
## 338 165  
## 339 26  
## 340 150  
## 341 3  
## 342 31  
## 343 13  
## 344 19  
## 345 157  
## 346 31

## State pop region  
## 1 AL 4860545 alabama  
## 2 AK 741522 alaska  
## 3 AZ 6908642 arizona  
## 4 AR 2988231 arkansas  
## 5 CA 39296476 california  
## 6 CO 5530105 colorado  
## 7 CT 3587685 connecticut  
## 8 DE 952698 district of columbia  
## 9 DC 684336 delaware  
## 10 FL 20656589 florida  
## 11 GA 10313620 georgia  
## 12 HI 1428683 hawaii  
## 13 ID 1680026 idaho  
## 14 IL 12835726 illinois  
## 15 IN 6634007 indiana  
## 16 IA 3130869 iowa  
## 17 KS 2907731 kansas  
## 18 KY 4436113 kentucky  
## 19 LA 4686157 louisiana  
## 20 ME 1330232 maine  
## 21 MD 6024752 maryland  
## 22 MA 6823721 massachusetts  
## 23 MI 9933445 michigan  
## 24 MN 5525050 minnesota  
## 25 MS 2985415 mississippi  
## 26 MO 6091176 missouri  
## 27 MT 1038656 montana  
## 28 NE 1907603 nebraska  
## 29 NV 2939254 nevada  
## 30 NH 1335015 new hampshire  
## 31 NJ 8978416 new jersey  
## 32 NM 2085432 new mexico  
## 33 NY 19836286 new york  
## 34 NC 10156689 north carolina  
## 35 ND 755548 north dakota  
## 36 OH 11622554 ohio  
## 37 OK 3921207 oklahoma  
## 38 OR 4085989 oregon  
## 39 PA 12787085 pennsylvania  
## 40 RI 1057566 rhode island  
## 41 SC 4959822 south carolina  
## 42 SD 861542 south dakota  
## 43 TN 6649404 tennessee  
## 44 TX 27904862 texas  
## 45 UT 3044321 utah  
## 46 VT 623354 vermont  
## 47 VA 8414380 virginia  
## 48 WA 7280934 washington  
## 49 WV 1828637 west virginia  
## 50 WI 5772917 wisconsin  
## 51 WY 584910 wyoming

fecinfo <- fecinfo %>%rename(State = 'cand\_office\_state',  
 ID='cand\_id',  
 name='cand\_name',  
 party='cand\_party\_affiliation',  
 year= 'cand\_election\_yr',  
 order= 'cand\_zip',  
 transactions='total\_trans') %>%  
 select(-transaction\_dt) %>%  
 left\_join(pop, by = "State")

## Warning: Column `State` joining character vector and factor, coercing into  
## character vector

bargraph <- fecinfo %>%   
 filter(State == "NV")  
nevada\_graph <- bargraph %>%   
 mutate(perc = sum(bargraph$transactions),   
 prop = 100\*(transactions/perc))  
  
nevada\_graph %>% ggplot(aes(x = reorder(name, -prop), y = prop, fill = party)) +  
 geom\_bar(stat = "identity") +   
 scale\_fill\_manual(values = c("blue", "red")) +  
 theme\_fivethirtyeight() +   
 coord\_flip() +   
 ggtitle("Percent of Contributions per Candidate in Nevada") +  
 ylim(0,80) +   
 theme(legend.position = "top",  
 plot.title = element\_text(size = 14, face = "bold", hjust = 0.1))



democrats\_new <-fecinfo %>%  
 filter(party == "DEM")  
republicans\_new <-fecinfo %>%  
 filter(party == "REP")  
rep\_nv <-fecinfo %>%  
 filter(party == "REP")%>%   
 filter(State=="NV")  
democrats\_new

## ID name party year  
## 1 H0AL07086 SEWELL, TERRYCINA ANDREA DEM 2016  
## 2 H2CA31125 AGUILAR, PETE DEM 2016  
## 3 H0CA49055 DAVIS, SUSAN DEM 2016  
## 4 H6CA25177 CAFORIO, BRYAN DEM 2016  
## 5 H2CA00120 BROWNLEY, JULIA DEM 2016  
## 6 H6CA49102 APPLEGATE, DOUGLAS LOREN DEM 2016  
## 7 H6CA46116 CORREA, JOSE LUIS (LOU) MR. DEM 2016  
## 8 H0CA32101 CHU, JUDY DEM 2016  
## 9 H2CA30143 BECERRA, XAVIER DEM 2016  
## 10 H2CA35100 HALL, ISADORE III DEM 2016  
## 11 H2CA28113 CARDENAS, TONY DEM 2016  
## 12 H0CA33117 BASS, KAREN DEM 2016  
## 13 H6CA21218 HUERTA, EMILIO JESUS MR. DEM 2016  
## 14 H6CA24303 CARBAJAL, SALUD DEM 2016  
## 15 S0CO00211 BENNET, MICHAEL F DEM 2016  
## 16 S6FL00319 MURPHY, PATRICK E DEM 2016  
## 17 H6FL07140 MURPHY, STEPHANIE DEM 2016  
## 18 H6FL23063 CANOVA, TIMOTHY A. DEM 2016  
## 19 S8IN00049 BAYH, EVAN DEM 2016  
## 20 S2IN00091 DONNELLY, JOSEPH S DEM 2018  
## 21 S6LA00334 FAYARD, CATHRYN CAROLINE DEM 2016  
## 22 S6MD00140 MIKULSKI, BARBARA DEM 2016  
## 23 S6MD03441 VAN HOLLEN, CHRIS DEM 2016  
## 24 H4ME02200 CAIN, EMILY DEM 2016  
## 25 H6MI08247 GILBERT, MELISSA DEM 2016  
## 26 H6MI07223 DRISKELL, GRETCHEN DEM 2016  
## 27 H2MN07014 PETERSON, COLLIN CLARK DEM 2016  
## 28 S6MO00362 KANDER, JASON DEM 2016  
## 29 S6NC00266 ROSS, DEBORAH K DEM 2016  
## 30 S2ND00099 HEITKAMP, HEIDI DEM 2018  
## 31 H6NH01230 SHEA-PORTER, CAROL DEM 2016  
## 32 S6NH00091 HASSAN, MARGARET WOOD DEM 2016  
## 33 H6NJ05171 GOTTHEIMER, JOSH DEM 2016  
## 34 H4NJ01084 NORCROSS, DONALD W DEM 2016  
## 35 H2NV00050 KIHUEN, RUBEN DEM 2016  
## 36 H6NV03139 ROSEN, JACKY DEM 2016  
## 37 H8NV03036 TITUS, DINA DEM 2016  
## 38 S6NV00200 MASTO, CATHERINE CORTEZ DEM 2016  
## 39 H6NY19243 TEACHOUT, ZEPHYR DEM 2016  
## 40 S6OH00254 STRICKLAND, TED DEM 2016  
## 41 H8PA01153 BRADY, ROBERT A DEM 2016  
## 42 S6PA00217 CASEY, ROBERT P JR DEM 2018  
## 43 H6PA08228 SANTARSIERO, STEVEN J DEM 2016  
## 44 H4PA08116 NAUGHTON, SHAUGHNESSY DEM 2016  
## 45 S6PA00266 MCGINTY, KATHLEEN ALANA DEM 2016  
## 46 H2TX29030 GREEN, RAYMOND E. 'GENE' DEM 2016  
## 47 P60012143 BIDEN, JOE R DEM 2016  
## 48 P60007168 SANDERS, BERNARD DEM 2016  
## 49 P00003392 CLINTON, HILLARY RODHAM / TIMOTHY MICHAEL KAINE DEM 2016  
## 50 H6WA07458 JAYAPAL, PRAMILA DEM 2016  
## 51 S8WI00026 FEINGOLD, RUSSELL DANA DEM 2016  
## 52 H6WI08163 NELSON, TOM DEM 2016  
## 53 H6WV01087 MANYPENNY, MIKE DEM 2016  
## 54 H6WV01095 MANYPENNY, MICHAEL NOEL HON. II DEM 2016  
## 55 H0WV02104 HUNT, MARK ALLEN DEM 2016  
## 56 H6WV02127 PEYTON, HARVEY D. DEM 2016  
## 57 H6WV03091 DETCH, MATTHEW PAUL DEM 2016  
## State order transactions pop region  
## 1 AL 35201 1000 4860545 alabama  
## 2 CA 92423 180 39296476 california  
## 3 CA 8388607 90 39296476 california  
## 4 CA 91355 18659 39296476 california  
## 5 CA 91358 90 39296476 california  
## 6 CA 92081 665987 39296476 california  
## 7 CA 8388607 333191 39296476 california  
## 8 CA 90048 90 39296476 california  
## 9 CA 90071 90 39296476 california  
## 10 CA 90010 90 39296476 california  
## 11 CA 90010 90 39296476 california  
## 12 CA 90017 90 39296476 california  
## 13 CA 93303 160980 39296476 california  
## 14 CA 93102 90 39296476 california  
## 15 CO 80206 235258 5530105 colorado  
## 16 FL 33418 289020 20656589 florida  
## 17 FL 32790 42258 20656589 florida  
## 18 FL 33022 3000 20656589 florida  
## 19 IN 46204 1909198 6634007 indiana  
## 20 IN 46204 281 6634007 indiana  
## 21 LA 70896 1250 4686157 louisiana  
## 22 MD 21218 -1000 6024752 maryland  
## 23 MD 20895 992506 6024752 maryland  
## 24 ME 4402 21587 1330232 maine  
## 25 MI 48116 8 9933445 michigan  
## 26 MI 48176 29309 9933445 michigan  
## 27 MN 56501 17500 5525050 minnesota  
## 28 MO 65205 1418260 6091176 missouri  
## 29 NC 27611 2247345 10156689 north carolina  
## 30 ND 58554 5281 755548 north dakota  
## 31 NH 3866 4580 1335015 new hampshire  
## 32 NH 3302 20611 1335015 new hampshire  
## 33 NJ 7451 1880217 8978416 new jersey  
## 34 NJ 8102 1900 8978416 new jersey  
## 35 NV 89102 491952 2939254 nevada  
## 36 NV 89074 5432 2939254 nevada  
## 37 NV 89170 2284 2939254 nevada  
## 38 NV 89139 67229 2939254 nevada  
## 39 NY 12472 9000 19836286 new york  
## 40 OH 43213 60340 11622554 ohio  
## 41 PA 20515 190 12787085 pennsylvania  
## 42 PA 19102 210 12787085 pennsylvania  
## 43 PA 19067 148085 12787085 pennsylvania  
## 44 PA 18901 21430 12787085 pennsylvania  
## 45 PA 19087 341283 12787085 pennsylvania  
## 46 TX 77222 955 27904862 texas  
## 47 US 17388 295202 NA <NA>  
## 48 US 5408 1263 NA <NA>  
## 49 US 0 3911695 NA <NA>  
## 50 WA 98118 94602 7280934 washington  
## 51 WI 53562 889164 5772917 wisconsin  
## 52 WI 54130 8039 5772917 wisconsin  
## 53 WV 26354 26 1828637 west virginia  
## 54 WV 26354 3 1828637 west virginia  
## 55 WV 25302 31 1828637 west virginia  
## 56 WV 25143 13 1828637 west virginia  
## 57 WV 24901 19 1828637 west virginia

republicans\_new

## ID name party year State  
## 1 H6AK00045 YOUNG, DONALD E REP 2016 AK  
## 2 S4AK00099 MURKOWSKI, LISA REP 2016 AK  
## 3 H4AL01123 BYRNE, BRADLEY ROBERTS REP 2016 AL  
## 4 H0AL05163 BROOKS, MO REP 2016 AL  
## 5 S6AL00013 SHELBY, RICHARD C REP 2016 AL  
## 6 H4AL06098 PALMER, GARY REP 2016 AL  
## 7 H2AL03032 ROGERS, MICHAEL DENNIS REP 2016 AL  
## 8 H6AL04098 ADERHOLT, ROBERT BROWN REP 2016 AL  
## 9 H0AL02087 ROBY, MARTHA REP 2016 AL  
## 10 H4AR04048 WESTERMAN, BRUCE MR. REP 2016 AR  
## 11 H0AR01083 CRAWFORD, ERIC ALAN RICK REP 2016 AR  
## 12 H4AR02141 HILL, JAMES FRENCH REP 2016 AR  
## 13 H0AR03055 WOMACK, STEVE REP 2016 AR  
## 14 S0AR00150 BOOZMAN, JOHN REP 2016 AR  
## 15 H6AZ09010 GILES, DAVID VICTOR REP 2016 AZ  
## 16 H4AZ04024 FRANKS, TRENT REP 2016 AZ  
## 17 H2AZ08102 MCSALLY, MARTHA E. MS. REP 2016 AZ  
## 18 H6AZ05083 BIGGS, ANDY REP 2016 AZ  
## 19 H4AZ06045 SCHWEIKERT, DAVID REP 2016 AZ  
## 20 S6AZ00019 MCCAIN, JOHN S REP 2016 AZ  
## 21 H0AZ01259 GOSAR, PAUL DR. REP 2016 AZ  
## 22 H2AZ04127 BABEU, PAUL RAYMOND REP 2016 AZ  
## 23 H6AZ07030 NUNEZ, EVANGELINE MARTINEZ REP 2016 AZ  
## 24 H2CA20094 VALADAO, DAVID REP 2016 CA  
## 25 H6CA36182 STONE, JEFFREY E REP 2016 CA  
## 26 H4CA25123 KNIGHT, STEVE REP 2016 CA  
## 27 H8CA42061 ROHRABACHER, DANA REP 2016 CA  
## 28 H0CA11337 AMADOR, ANTONIO C REP 2016 CA  
## 29 H2CA02142 LAMALFA, DOUG REP 2016 CA  
## 30 H4CA24142 FAREED, JUSTIN REP 2016 CA  
## 31 H4CA45097 WALTERS, MIMI REP 2016 CA  
## 32 H2CA08164 COOK, PAUL REP 2016 CA  
## 33 H6CA11169 PETERSEN, ROGER REP 2016 CA  
## 34 H6CA35127 FISCHELLA, TYLER R REP 2016 CA  
## 35 H6CA30185 REED, MARK REP 2016 CA  
## 36 H8CA04152 MCCLINTOCK, THOMAS REP 2016 CA  
## 37 H2CA37023 CALVERT, KEN REP 2016 CA  
## 38 H8CA20059 NUNES, DEVIN G REP 2016 CA  
## 39 H2CA16100 TACHERRA, JOHNNY REP 2016 CA  
## 40 H6CA22125 MCCARTHY, KEVIN REP 2016 CA  
## 41 H8CA52052 HUNTER, DUNCAN D. REP 2016 CA  
## 42 H0CA48024 ISSA, DARRELL REP 2016 CA  
## 43 H6CA39020 ROYCE, ED MR. REP 2016 CA  
## 44 H6CA03117 CLEEK, N EUGENE MD REP 2016 CA  
## 45 H6CA52130 GITSHAM, DENISE REP 2016 CA  
## 46 H6CO07106 ATHANASOPOULOS, GEORGE MR. REP 2016 CO  
## 47 H6CO05159 LAMBORN, DOUGLAS REP 2016 CO  
## 48 H8CO06138 COFFMAN, MIKE REP. REP 2016 CO  
## 49 H4CO04090 BUCK, KENNETH R REP 2016 CO  
## 50 H6CO02149 MORSE, NICHOLAS GRANT MR. REP 2016 CO  
## 51 H6CO03139 TIPTON, SCOTT R. REP 2016 CO  
## 52 S6CO00226 GLENN, DARRYL REP 2016 CO  
## 53 H0CT02140 NOVAK, DARIA IRENE REP 2016 CT  
## 54 H6CT03145 CADENA , ANGEL LUIS JR REP 2016 CT  
## 55 H2CT01189 COREY, MATTHEW M MR REP 2016 CT  
## 56 H2FL14152 GOSS, CHAUNCEY P REP 2016 FL  
## 57 H6FL04105 RUTHERFORD, JOHN REP 2016 FL  
## 58 H2FL08055 MICA, JOHN L. MR. REP 2016 FL  
## 59 H0FL18025 ROS-LEHTINEN, ILEANA THE HON. REP 2016 FL  
## 60 H6FL01119 GAETZ, MATT REP 2016 FL  
## 61 H4FL13101 JOLLY, DAVID W. REP 2016 FL  
## 62 H6FL19095 BONGINO, DANIEL J REP 2016 FL  
## 63 H2FL00292 DESANTIS, RONALD D. REP 2016 FL  
## 64 H6FL18097 MAST, BRIAN REP 2016 FL  
## 65 H4FL26038 CURBELO, CARLOS MR. REP 2016 FL  
## 66 H6FL02208 DUNN, NEAL PATRICK MD, FACS REP 2016 FL  
## 67 H6FL19087 ROONEY, FRANCIS REP 2016 FL  
## 68 S0FL00338 RUBIO, MARCO REP 2016 FL  
## 69 H2GA12121 ALLEN, RICHARD W REP 2016 GA  
## 70 H4GA11061 LOUDERMILK, BARRY REP 2016 GA  
## 71 H0GA08099 SCOTT, JAMES AUSTIN REP 2016 GA  
## 72 H6GA03113 FERGUSON, ANDERSON DREW IV REP 2016 GA  
## 73 H0GA13032 CRANE, MICHAEL ROBERT REP 2016 GA  
## 74 H4GA01039 CARTER, EARL LEROY REP 2016 GA  
## 75 H0GA07133 WOODALL, ROB REP. REP 2016 GA  
## 76 H4GA06087 PRICE, THOMAS EDMUNDS REP 2016 GA  
## 77 S6GA00119 ISAKSON, JOHN HARDY REP 2016 GA  
## 78 H0GA07125 HICE, JODY REP 2016 GA  
## 79 H2GA09150 COLLINS, DOUGLAS ALLEN REP 2016 GA  
## 80 H0GA09030 GRAVES, JOHN THOMAS MR. JR. REP 2016 GA  
## 81 S0HI00126 CARROLL, JOHN STANLEY REP 2016 HI  
## 82 H6HI01287 DELACRUZ SANTIAGO OSTROV, SHIRLENE REP 2016 HI  
## 83 H2IA01055 BLUM, RODNEY REP 2016 IA  
## 84 S0IA00028 GRASSLEY, CHARLES E SENATOR REP 2016 IA  
## 85 H2IA05072 KING, STEVE MR. REP 2016 IA  
## 86 H4IA03115 YOUNG, DAVID REP 2016 IA  
## 87 H8ID02064 SIMPSON, MICHAEL REP 2016 ID  
## 88 S8ID00027 CRAPO, MICHAEL REP 2016 ID  
## 89 H0ID01253 LABRADOR, RAUL R. HON. REP 2016 ID  
## 90 H6IL18088 LAHOOD, DARIN MCKAY REP 2016 IL  
## 91 H2IL20042 SHIMKUS, JOHN M REP 2016 IL  
## 92 H6IL17205 HARLAN, PATRICK REP 2016 IL  
## 93 H6IL06117 ROSKAM, PETER REP 2016 IL  
## 94 H4IL12060 BOST, MICHAEL REP 2016 IL  
## 95 H0IL10302 DOLD, ROBERT JAMES JR REP 2016 IL  
## 96 H6IL11117 KHOURI, TONIA REP 2016 IL  
## 97 H0IL11052 KINZINGER, ADAM REP 2016 IL  
## 98 H6IL01159 DEUSER, AUGUST (O'NEILL) REP 2016 IL  
## 99 H0IL14080 HULTGREN, RANDY REP 2016 IL  
## 100 S6IN00191 YOUNG, TODD CHRISTOPHER REP 2016 IN  
## 101 H6IN09176 HOLLINGSWORTH, TREY REP 2016 IN  
## 102 S0IN00095 STUTZMAN, MARLIN A REP 2016 IN  
## 103 S0KS00091 MORAN, JERRY REP 2016 KS  
## 104 H8KS02090 JENKINS, LYNN REP 2016 KS  
## 105 H0KS03137 YODER, KEVIN REP 2016 KS  
## 106 H6KS01146 HUELSKAMP, TIMOTHY A REPRESENTA REP 2016 KS  
## 107 H0KS04051 POMPEO, MICHAEL RICHARD REP 2016 KS  
## 108 H6KS01179 MARSHALL, ROGER W REP 2016 KS  
## 109 H2KY04121 MASSIE, THOMAS H. REP 2016 KY  
## 110 H6KY03173 BRATCHER, HAROLD REP 2016 KY  
## 111 H6KY01110 COMER, JAMES REP 2016 KY  
## 112 S0KY00156 PAUL, RAND REP 2016 KY  
## 113 H0KY06104 BARR, GARLAND ANDY REP 2016 KY  
## 114 H0KY05015 ROGERS, HAROLD DALLAS REP 2016 KY  
## 115 H8KY02031 GUTHRIE, S. BRETT HON. REP 2016 KY  
## 116 H0LA01087 SCALISE, STEVE MR. REP 2016 LA  
## 117 H6LA04138 JOHNSON, JAMES MICHAEL REP 2016 LA  
## 118 S6LA00318 FLEMING, JOHN C JR REP 2016 LA  
## 119 S6LA00300 BOUSTANY, CHARLES W JR DR REP 2016 LA  
## 120 S4LA00065 KENNEDY, JOHN NEELY REP 2016 LA  
## 121 H4MA09052 ALLIEGRO, MARK C REP 2016 MA  
## 122 H0MA09027 ROSA, DAVID A REP 2016 MA  
## 123 H6MA08299 BURKE, WILLIAM F REP 2016 MA  
## 124 S6MD03508 SZELIGA, KATHY REP 2016 MD  
## 125 H6MD08564 COX, DAN REP 2016 MD  
## 126 H6MD02211 MCDONOUGH, PATRICK L REP 2016 MD  
## 127 H4MD05144 ARNESS, MARK KENNETH REP 2016 MD  
## 128 H8MD01094 HARRIS, ANDREW P REP 2016 MD  
## 129 H4MD07074 VAUGHN, CARROGAN R REP 2016 MD  
## 130 H4ME02234 POLIQUIN, BRUCE L REP 2016 ME  
## 131 H4MI05123 HARDWICK, ALAN REP 2016 MI  
## 132 H4MI08135 BISHOP, MIKE REP 2016 MI  
## 133 H0MI02094 HUIZENGA, WILLIAM P THE HON. REP 2016 MI  
## 134 H6MI12264 JONES, JEFF REP 2016 MI  
## 135 H0MI03126 AMASH, JUSTIN REP 2016 MI  
## 136 H6MI04113 UPTON, FREDERICK STEPHEN REP 2016 MI  
## 137 H4MI04126 MOOLENAAR, JOHN REP 2016 MI  
## 138 H4MI07103 WALBERG, TIMOTHY L HON. REP 2016 MI  
## 139 H6MI01226 BERGMAN, JOHN REP 2016 MI  
## 140 H4MI11097 TROTT, DAVID A REP 2016 MI  
## 141 H8MN03077 PAULSEN, ERIK REP 2016 MN  
## 142 H6MN05332 DRAKE, FRANK NELSON REP 2016 MN  
## 143 H4MN06087 EMMER, THOMAS EARL JR. REP 2016 MN  
## 144 H4MN08083 MILLS, STEWART MR. REP 2016 MN  
## 145 H6MN02149 LEWIS, JASON MARK MR. REP 2016 MN  
## 146 H0MN01045 HAGEDORN, JAMES REP 2016 MN  
## 147 S0MO00183 BLUNT, ROY REP 2016 MO  
## 148 H0MS04120 PALAZZO, STEVEN MCCARTY REP 2016 MS  
## 149 H8MS03067 HARPER, GREGG REP 2016 MS  
## 150 H6MS01131 KELLY, JOHN TRENT REP 2016 MS  
## 151 H4MT01041 ZINKE, RYAN K REP 2016 MT  
## 152 H2NC09134 PITTENGER, ROBERT M. HON. REP 2016 NC  
## 153 H4NC05146 FOXX, VIRGINIA ANN REP 2016 NC  
## 154 H6NC13137 HOWARD, JULIA CRAVEN REP 2016 NC  
## 155 H2NC08185 HUDSON, RICHARD L. JR. REP 2016 NC  
## 156 H2NC13110 HOLDING, GEORGE E MR. REP 2016 NC  
## 157 S4NC00089 BURR, RICHARD M REP 2016 NC  
## 158 S0ND00093 HOEVEN, JOHN REP 2016 ND  
## 159 H4NE01064 FORTENBERRY, JEFFREY L. HONORABLE REP 2016 NE  
## 160 H6NE02125 BACON, DONALD REP 2016 NE  
## 161 H6NE03115 SMITH, ADRIAN REP 2016 NE  
## 162 S0NH00235 AYOTTE, KELLY A REP 2016 NH  
## 163 H0NH01217 GUINTA, FRANK REP 2016 NH  
## 164 H6NJ12201 UCCIO, STEVEN J. REP 2016 NJ  
## 165 H8NJ04014 SMITH, CHRISTOPHER H REP 2016 NJ  
## 166 H6NJ12136 LANCE, LEONARD REP 2016 NJ  
## 167 H2NJ02037 LOBIONDO, FRANK A. REP 2016 NJ  
## 168 H8NJ05052 GARRETT, SCOTT REP. REP 2016 NJ  
## 169 H4NJ03130 MACARTHUR, THOMAS REP 2016 NJ  
## 170 H2NJ05014 FRELINGHUYSEN, RODNEY P. REP 2016 NJ  
## 171 H4NM01124 PRIEM, RICHARD G REP 2016 NM  
## 172 H6NM03067 ROMERO, MICHAEL H REP 2016 NM  
## 173 H2NM02126 PEARCE, STEVAN E. REP 2016 NM  
## 174 H2NV04045 TARKANIAN, DANNY REP 2016 NV  
## 175 S6NV00218 HECK, JOE REP 2016 NV  
## 176 H4NV04017 HARDY, CRESENT REP 2016 NV  
## 177 H2NY03089 KING, PETER T. HON. REP 2016 NY  
## 178 H0NY29054 REED, THOMAS W II REP 2016 NY  
## 179 H6NY19169 FASO, JOHN J. MR. REP 2016 NY  
## 180 H6NY11174 DONOVAN, DAN REP 2016 NY  
## 181 H8NY01148 ZELDIN, LEE M REP 2016 NY  
## 182 H6NY14244 SPOTORNO, FRANK REP 2016 NY  
## 183 H6NY03197 MARTINS, JACK REP 2016 NY  
## 184 H4NY29098 ASSINI, MARK W REP 2016 NY  
## 185 S2NY00259 LONG, WENDY REP 2016 NY  
## 186 H8NY29032 COLLINS, CHRISTOPHER C REP 2016 NY  
## 187 H4NY22051 TENNEY, CLAUDIA REP 2016 NY  
## 188 H4NY24073 KATKO, JOHN M REP 2016 NY  
## 189 H6NY12115 ROMAGUERA, ALLAN E. REP 2016 NY  
## 190 H2OH14064 JOYCE, DAVID P REP 2016 OH  
## 191 S0OH00133 PORTMAN, ROB REP 2016 OH  
## 192 H2OK02083 MULLIN, MARKWAYNE MR. REP 2016 OK  
## 193 H4OK06056 LUCAS, FRANK D. REP 2016 OK  
## 194 H2OK01143 BRIDENSTINE, JAMES FREDERICK REP 2016 OK  
## 195 H2OK04055 COLE, TOM REP 2016 OK  
## 196 H4OK05132 RUSSELL, STEVEN DANE REP 2016 OK  
## 197 H0OR04081 ROBINSON, ART DR. REP 2016 OR  
## 198 H6OR02116 WALDEN, GREGORY P MR. REP 2016 OR  
## 199 H6OR05143 WILLIS, COLM REP 2016 OR  
## 200 S4OR00172 CALLAHAN, MARK ALLEN REP 2016 OR  
## 201 S4PA00121 TOOMEY, PATRICK JOSEPH REP 2016 PA  
## 202 H6PA08277 FITZPATRICK, BRIAN REP 2016 PA  
## 203 H6PA16320 SMUCKER, LLOYD K REP 2016 PA  
## 204 H4RI01133 TAUB, H. RUSSELL REP 2016 RI  
## 205 H4RI02107 REIS, RHUE REP 2016 RI  
## 206 H0SC03077 DUNCAN, JEFFREY D MR. REP 2016 SC  
## 207 H2SC07066 RICE, TOM REP 2016 SC  
## 208 H4SC01073 SANFORD, MARSHALL C. HON. REP 2016 SC  
## 209 S4SC00240 SCOTT, TIMOTHY E REP 2016 SC  
## 210 H2SC02059 WILSON, JOE THE HON. REP 2016 SC  
## 211 H0SC04257 GOWDY, TREY REP 2016 SC  
## 212 H0SC05031 MULVANEY, JOHN MICHAEL 'MICK' REP 2016 SC  
## 213 H0SD00054 NOEM, KRISTI LYNN REP 2016 SD  
## 214 H2TN07103 KUSTOFF, DAVID REP 2016 TN  
## 215 H0TN06257 BLACK, DIANE L MRS. REP 2016 TN  
## 216 H6TN01388 ROE, DAVID PHILLIP DR. REP 2016 TN  
## 217 H0TN03254 FLEISCHMANN, CHARLES J REP 2016 TN  
## 218 H6TN05322 SNYDER, STACY RIES REP 2016 TN  
## 219 H8TN02069 DUNCAN, JOHN J REP. JR. REP 2016 TN  
## 220 H2TX03126 SESSIONS, PETE MR. REP 2016 TX  
## 221 H6TX34031 GONZALEZ, REY DR. REP 2016 TX  
## 222 H4TX06117 BARTON, JOE LINUS REP 2016 TX  
## 223 H4TX04153 RATCLIFFE, JOHN L REP 2016 TX  
## 224 H0TX07055 CULBERSON, JOHN REP 2016 TX  
## 225 H4TX02108 POE, TED REP 2016 TX  
## 226 H2TX35029 NARVAIZ, SUSAN REP 2016 TX  
## 227 H2TX14149 WEBER, RANDY REP 2016 TX  
## 228 H6TX09082 MARTIN, JEFF REP 2016 TX  
## 229 H2TX05121 HENSARLING, JEB HON. REP 2016 TX  
## 230 H6TX15204 WESTLEY, TIMMY LEE REP 2016 TX  
## 231 H6TX08175 TOTH, STEVE REP 2016 TX  
## 232 H2TX33040 WILLIAMS, ROGER REP 2016 TX  
## 233 H2TX31044 CARTER, JOHN R. REP. REP 2016 TX  
## 234 H0TX17104 FLORES, BILL REP 2016 TX  
## 235 H2TX33099 MITCHELL, MONTE MARK REP 2016 TX  
## 236 H4TX13014 THORNBERRY, MAC REP 2016 TX  
## 237 H0TX23086 HURD, WILLIAM REP 2016 TX  
## 238 H6TX28074 HARDIN, ZEFFEN MR REP 2016 TX  
## 239 H4TX24094 MARCHANT, KENNY E MR. REP 2016 TX  
## 240 H4TX04039 GOHMERT, LOUIS B. MR. JR. REP 2016 TX  
## 241 H8TX22107 OLSON, PETER G. REP 2016 TX  
## 242 H2TX03118 JOHNSON, SAM MR. REP 2016 TX  
## 243 H6TX02079 BABIN, BRIAN REP 2016 TX  
## 244 H6TX08100 BRADY, KEVIN REP 2016 TX  
## 245 H4TX10093 MCCAUL, MICHAEL REP 2016 TX  
## 246 H6TX18141 BARTLEY, LORI ANITA MRS. REP 2016 TX  
## 247 H2TX26093 BURGESS, MICHAEL C. DR. REP 2016 TX  
## 248 H0TX27061 FARENTHOLD, RANDOLPH BLAKE REP 2016 TX  
## 249 H6TX19099 ARRINGTON, JODEY COOK REP 2016 TX  
## 250 H4TX19136 CONAWAY, MICHAEL HONORABLE REP 2016 TX  
## 251 H6TX21012 SMITH, LAMAR REP 2016 TX  
## 252 H0TX30032 LINGERFELT, CHARLES B REP 2016 TX  
## 253 P60006723 RUBIO, MARCO REP 2016 US  
## 254 P60006111 CRUZ, RAFAEL EDWARD "TED" REP 2016 US  
## 255 P20003281 PERRY, JAMES R (RICK) REP 2016 US  
## 256 P60008059 BUSH, JEB REP 2016 US  
## 257 P60008521 CHRISTIE, CHRISTOPHER J REP 2016 US  
## 258 P60007572 PATAKI, GEORGE E REP 2016 US  
## 259 P80001571 TRUMP, DONALD J. / MICHAEL R. PENCE REP 2016 US  
## 260 P60003670 KASICH, JOHN R REP 2016 US  
## 261 H8UT03089 CHAFFETZ, JASON REP 2016 UT  
## 262 H2UT02324 STEWART, CHRIS REP 2016 UT  
## 263 H2UT04023 LOVE, MIA REP 2016 UT  
## 264 S0UT00165 LEE, MIKE REP 2016 UT  
## 265 H2UT01094 BISHOP, ROBERT REP 2016 UT  
## 266 H6VA03089 WILLIAMS, MARTIN L. MR. REP 2016 VA  
## 267 H6VA05142 GARRETT, THOMAS ALEXANDER MR. JR. REP 2016 VA  
## 268 H0VA02118 TAYLOR, SCOTT REP 2016 VA  
## 269 H6VA07130 WADE, MICHAEL LEO REP 2016 VA  
## 270 H2VA06115 GOODLATTE, ROBERT W. REP 2016 VA  
## 271 H4VA10089 COMSTOCK, BARBARA J HONORABLE REP 2016 VA  
## 272 H0VA09055 GRIFFITH, H MORGAN REP 2016 VA  
## 273 H4VA07143 BRAT, DAVID ALAN MR. REP 2016 VA  
## 274 H8VA01147 WITTMAN, ROBERT J MR. REP 2016 VA  
## 275 H6WA05171 RODGERS, CATHY MCMORRIS REP 2016 WA  
## 276 H4WA08071 REICHERT, DAVE REP 2016 WA  
## 277 H4WA04104 NEWHOUSE, DAN REP 2016 WA  
## 278 H0WA03187 HERRERA BEUTLER, JAIME REP 2016 WA  
## 279 H8WI01024 RYAN, PAUL D. REP 2016 WI  
## 280 S0WI00197 JOHNSON, RONALD HAROLD REP 2016 WI  
## 281 H6WI08155 GALLAGHER, MICHAEL JOHN REP 2016 WI  
## 282 H0WV01072 MCKINLEY, DAVID B. MR. REP 2016 WV  
## 283 H4WV03070 JENKINS, EVAN H REP 2016 WV  
## 284 H4WV02080 MOONEY, ALEXANDER XAVIER REP 2016 WV  
## 285 H6WY00159 CHENEY, ELIZABETH MRS. REP 2016 WY  
## order transactions pop region  
## 1 99503 13 741522 alaska  
## 2 0 680 741522 alaska  
## 3 36532 9 4860545 alabama  
## 4 35802 11 4860545 alabama  
## 5 35403 33886 4860545 alabama  
## 6 8388607 10 4860545 alabama  
## 7 36201 32235 4860545 alabama  
## 8 35565 7 4860545 alabama  
## 9 36101 32236 4860545 alabama  
## 10 71903 7 2988231 arkansas  
## 11 72404 8 2988231 arkansas  
## 12 72217 9 2988231 arkansas  
## 13 8388607 8 2988231 arkansas  
## 14 72757 34 2988231 arkansas  
## 15 85226 11 6908642 arizona  
## 16 8388607 13 6908642 arizona  
## 17 8388607 125 6908642 arizona  
## 18 85234 1590 6908642 arizona  
## 19 85268 11 6908642 arizona  
## 20 22314 10091 6908642 arizona  
## 21 86302 21364 6908642 arizona  
## 22 85143 342329 6908642 arizona  
## 23 85305 2 6908642 arizona  
## 24 93704 48158 39296476 california  
## 25 92592 10 39296476 california  
## 26 8388607 23262 39296476 california  
## 27 92658 12 39296476 california  
## 28 95242 9 39296476 california  
## 29 95917 19 39296476 california  
## 30 93105 168965 39296476 california  
## 31 92618 15 39296476 california  
## 32 8388607 180 39296476 california  
## 33 94517 10 39296476 california  
## 34 91773 5 39296476 california  
## 35 91040 7 39296476 california  
## 36 95661 19 39296476 california  
## 37 92882 9 39296476 california  
## 38 93290 15 39296476 california  
## 39 93607 6 39296476 california  
## 40 8388607 16 39296476 california  
## 41 8388607 16 39296476 california  
## 42 92085 23790 39296476 california  
## 43 8388607 14 39296476 california  
## 44 8388607 10 39296476 california  
## 45 92101 14 39296476 california  
## 46 80033 16 5530105 colorado  
## 47 80962 21 5530105 colorado  
## 48 8388607 813478 5530105 colorado  
## 49 80633 19 5530105 colorado  
## 50 80528 17 5530105 colorado  
## 51 8388607 657047 5530105 colorado  
## 52 80962 47476 5530105 colorado  
## 53 6443 21 3587685 connecticut  
## 54 6484 14 3587685 connecticut  
## 55 6040 16 3587685 connecticut  
## 56 33902 11800 20656589 florida  
## 57 32224 358 20656589 florida  
## 58 32789 268 20656589 florida  
## 59 8388607 123 20656589 florida  
## 60 32548 11 20656589 florida  
## 61 33785 739362 20656589 florida  
## 62 34990 2400 20656589 florida  
## 63 32004 12 20656589 florida  
## 64 34995 246 20656589 florida  
## 65 33173 282824 20656589 florida  
## 66 32308 332 20656589 florida  
## 67 33606 238 20656589 florida  
## 68 33266 130357 20656589 florida  
## 69 30904 8 10313620 georgia  
## 70 8388607 8 10313620 georgia  
## 71 31714 8 10313620 georgia  
## 72 31833 9 10313620 georgia  
## 73 30263 2000 10313620 georgia  
## 74 31322 8 10313620 georgia  
## 75 8388607 8 10313620 georgia  
## 76 30077 11 10313620 georgia  
## 77 8388607 1588544 10313620 georgia  
## 78 30655 7 10313620 georgia  
## 79 30506 10 10313620 georgia  
## 80 8388607 7 10313620 georgia  
## 81 96813 13 1428683 hawaii  
## 82 96789 4 1428683 hawaii  
## 83 52003 267 3130869 iowa  
## 84 0 90233 3130869 iowa  
## 85 8388607 1258 3130869 iowa  
## 86 50261 103047 3130869 iowa  
## 87 8388607 14 1680026 idaho  
## 88 83701 39 1680026 idaho  
## 89 8388607 24 1680026 idaho  
## 90 61525 50 12835726 illinois  
## 91 8388607 46 12835726 illinois  
## 92 61401 34 12835726 illinois  
## 93 60187 31 12835726 illinois  
## 94 62966 33 12835726 illinois  
## 95 60043 828714 12835726 illinois  
## 96 60502 16 12835726 illinois  
## 97 8388607 35 12835726 illinois  
## 98 60448 13 12835726 illinois  
## 99 60545 26 12835726 illinois  
## 100 8388607 50446 6634007 indiana  
## 101 47130 746 6634007 indiana  
## 102 46746 2640 6634007 indiana  
## 103 8388607 100 2907731 kansas  
## 104 8388607 23 2907731 kansas  
## 105 8388607 394 2907731 kansas  
## 106 8388607 46538 2907731 kansas  
## 107 8388607 24 2907731 kansas  
## 108 67530 16975 2907731 kansas  
## 109 8388607 23 4436113 kentucky  
## 110 40232 20 4436113 kentucky  
## 111 42167 12 4436113 kentucky  
## 112 41072 972 4436113 kentucky  
## 113 8388607 14 4436113 kentucky  
## 114 42502 7 4436113 kentucky  
## 115 8388607 19 4436113 kentucky  
## 116 70121 22 4686157 louisiana  
## 117 71006 13392 4686157 louisiana  
## 118 71055 1579 4686157 louisiana  
## 119 8388607 2600 4686157 louisiana  
## 120 70447 1871 4686157 louisiana  
## 121 2536 19 6823721 massachusetts  
## 122 2715 16 6823721 massachusetts  
## 123 2170 17 6823721 massachusetts  
## 124 21128 139 6024752 maryland  
## 125 21727 19 6024752 maryland  
## 126 21220 10 6024752 maryland  
## 127 20676 16 6024752 maryland  
## 128 21666 17 6024752 maryland  
## 129 21207 10 6024752 maryland  
## 130 4963 642598 1330232 maine  
## 131 48423 34 9933445 michigan  
## 132 8388607 203 9933445 michigan  
## 133 8388607 85 9933445 michigan  
## 134 48180 31 9933445 michigan  
## 135 49506 66 9933445 michigan  
## 136 49085 54 9933445 michigan  
## 137 8388607 50 9933445 michigan  
## 138 8388607 185206 9933445 michigan  
## 139 49969 326256 9933445 michigan  
## 140 48009 46 9933445 michigan  
## 141 55344 74890 5525050 minnesota  
## 142 55344 21 5525050 minnesota  
## 143 8388607 45 5525050 minnesota  
## 144 56401 1010749 5525050 minnesota  
## 145 55129 314984 5525050 minnesota  
## 146 56013 53 5525050 minnesota  
## 147 8388607 332053 6091176 missouri  
## 148 39535 13 2985415 mississippi  
## 149 39208 15 2985415 mississippi  
## 150 38804 13 2985415 mississippi  
## 151 8388607 227022 1038656 montana  
## 152 8388607 600 10156689 north carolina  
## 153 28604 1308 10156689 north carolina  
## 154 27028 326532 10156689 north carolina  
## 155 8388607 2991 10156689 north carolina  
## 156 27608 8095 10156689 north carolina  
## 157 27113 235642 10156689 north carolina  
## 158 58501 37 755548 north dakota  
## 159 8388607 54 1907603 nebraska  
## 160 68046 283831 1907603 nebraska  
## 161 8388607 60 1907603 nebraska  
## 162 8388607 624029 1335015 new hampshire  
## 163 3105 13603 1335015 new hampshire  
## 164 8520 15 8978416 new jersey  
## 165 8388607 2421 8978416 new jersey  
## 166 7067 24 8978416 new jersey  
## 167 8406 20 8978416 new jersey  
## 168 8388607 346811 8978416 new jersey  
## 169 8753 2423 8978416 new jersey  
## 170 7960 24 8978416 new jersey  
## 171 87111 21 2085432 new mexico  
## 172 0 17 2085432 new mexico  
## 173 8388607 18 2085432 new mexico  
## 174 89107 338396 2939254 nevada  
## 175 89136 2252333 2939254 nevada  
## 176 89136 26439 2939254 nevada  
## 177 8388607 9 19836286 new york  
## 178 8388607 9415 19836286 new york  
## 179 12106 129764 19836286 new york  
## 180 8388607 7 19836286 new york  
## 181 11967 215794 19836286 new york  
## 182 10704 4 19836286 new york  
## 183 11568 10 19836286 new york  
## 184 14624 14 19836286 new york  
## 185 10029 317 19836286 new york  
## 186 8388607 17 19836286 new york  
## 187 13501 630899 19836286 new york  
## 188 8388607 187506 19836286 new york  
## 189 11215 1 19836286 new york  
## 190 44072 18470 11622554 ohio  
## 191 8388607 1051641 11622554 ohio  
## 192 74965 8 3921207 oklahoma  
## 193 8388607 12 3921207 oklahoma  
## 194 8388607 14 3921207 oklahoma  
## 195 73070 11 3921207 oklahoma  
## 196 8388607 10 3921207 oklahoma  
## 197 97523 12 4085989 oregon  
## 198 8388607 9 4085989 oregon  
## 199 97383 595 4085989 oregon  
## 200 97302 63 4085989 oregon  
## 201 18092 2019419 12787085 pennsylvania  
## 202 8388607 26694 12787085 pennsylvania  
## 203 17604 576 12787085 pennsylvania  
## 204 2906 13 1057566 rhode island  
## 205 2898 14 1057566 rhode island  
## 206 8388607 13 4959822 south carolina  
## 207 29572 9 4959822 south carolina  
## 208 8388607 12 4959822 south carolina  
## 209 8388607 79 4959822 south carolina  
## 210 8388607 11 4959822 south carolina  
## 211 29304 14 4959822 south carolina  
## 212 29707 10 4959822 south carolina  
## 213 8388607 51 861542 south dakota  
## 214 38138 9 6649404 tennessee  
## 215 8388607 11 6649404 tennessee  
## 216 8388607 9 6649404 tennessee  
## 217 37402 9 6649404 tennessee  
## 218 37027 6 6649404 tennessee  
## 219 37922 10 6649404 tennessee  
## 220 8388607 31241 27904862 texas  
## 221 78550 3 27904862 texas  
## 222 75119 12 27904862 texas  
## 223 8388607 13 27904862 texas  
## 224 8388607 10 27904862 texas  
## 225 77347 12 27904862 texas  
## 226 78666 5 27904862 texas  
## 227 77546 12 27904862 texas  
## 228 77036 4 27904862 texas  
## 229 8388607 8 27904862 texas  
## 230 78154 6 27904862 texas  
## 231 77384 10125 27904862 texas  
## 232 8388607 12 27904862 texas  
## 233 8388607 12 27904862 texas  
## 234 77805 12 27904862 texas  
## 235 8388607 3 27904862 texas  
## 236 8388607 19 27904862 texas  
## 237 78245 453923 27904862 texas  
## 238 78109 5 27904862 texas  
## 239 8388607 13 27904862 texas  
## 240 75711 14 27904862 texas  
## 241 8388607 11 27904862 texas  
## 242 75074 13 27904862 texas  
## 243 75979 12 27904862 texas  
## 244 8388607 11710 27904862 texas  
## 245 8388607 14 27904862 texas  
## 246 77238 3 27904862 texas  
## 247 8388607 13 27904862 texas  
## 248 8388607 15 27904862 texas  
## 249 79416 15 27904862 texas  
## 250 8388607 16 27904862 texas  
## 251 8388607 20 27904862 texas  
## 252 75336 4 27904862 texas  
## 253 8388607 19878 NA <NA>  
## 254 77265 420516 NA <NA>  
## 255 78716 32650 NA <NA>  
## 256 33144 566 NA <NA>  
## 257 7963 1780409 NA <NA>  
## 258 10017 58778 NA <NA>  
## 259 10022 6443107 NA <NA>  
## 260 43216 372325 NA <NA>  
## 261 84004 8 3044321 utah  
## 262 84025 7 3044321 utah  
## 263 84045 269388 3044321 utah  
## 264 84004 27 3044321 utah  
## 265 84302 7 3044321 utah  
## 266 23321 7 8414380 virginia  
## 267 24590 628 8414380 virginia  
## 268 23452 303 8414380 virginia  
## 269 23238 210 8414380 virginia  
## 270 8388607 29 8414380 virginia  
## 271 22101 16939 8414380 virginia  
## 272 24068 20 8414380 virginia  
## 273 23059 1786 8414380 virginia  
## 274 22520 28 8414380 virginia  
## 275 99210 30 7280934 washington  
## 276 98015 18 7280934 washington  
## 277 8388607 30 7280934 washington  
## 278 8388607 30 7280934 washington  
## 279 8388607 647 5772917 wisconsin  
## 280 0 108961 5772917 wisconsin  
## 281 54301 5958 5772917 wisconsin  
## 282 26003 165 1828637 west virginia  
## 283 25701 150 1828637 west virginia  
## 284 25402 157 1828637 west virginia  
## 285 82602 31 584910 wyoming

rep\_nv

## ID name party year State order transactions pop  
## 1 H2NV04045 TARKANIAN, DANNY REP 2016 NV 89107 338396 2939254  
## 2 S6NV00218 HECK, JOE REP 2016 NV 89136 2252333 2939254  
## 3 H4NV04017 HARDY, CRESENT REP 2016 NV 89136 26439 2939254  
## region  
## 1 nevada  
## 2 nevada  
## 3 nevada

summed\_dem <- aggregate(transactions ~ State, democrats\_new, sum)   
summed\_dem

## State transactions  
## 1 AL 1000  
## 2 CA 1179717  
## 3 CO 235258  
## 4 FL 334278  
## 5 IN 1909479  
## 6 LA 1250  
## 7 MD 991506  
## 8 ME 21587  
## 9 MI 29317  
## 10 MN 17500  
## 11 MO 1418260  
## 12 NC 2247345  
## 13 ND 5281  
## 14 NH 25191  
## 15 NJ 1882117  
## 16 NV 566897  
## 17 NY 9000  
## 18 OH 60340  
## 19 PA 511198  
## 20 TX 955  
## 21 US 4208160  
## 22 WA 94602  
## 23 WI 897203  
## 24 WV 92

democrats\_new <- democrats\_new%>%  
 left\_join(summed\_dem, by = "State") %>%  
 select(-transactions.x) %>%  
 rename(transactions = transactions.y)  
democrats\_new <- democrats\_new %>%  
 mutate(proportion = (transactions / pop)) %>%  
 mutate(new\_proportion = log(proportion)) %>%  
 arrange(desc(proportion))  
democrats\_new

## ID name party year  
## 1 S8IN00049 BAYH, EVAN DEM 2016  
## 2 S2IN00091 DONNELLY, JOSEPH S DEM 2018  
## 3 S6MO00362 KANDER, JASON DEM 2016  
## 4 S6NC00266 ROSS, DEBORAH K DEM 2016  
## 5 H6NJ05171 GOTTHEIMER, JOSH DEM 2016  
## 6 H4NJ01084 NORCROSS, DONALD W DEM 2016  
## 7 H2NV00050 KIHUEN, RUBEN DEM 2016  
## 8 H6NV03139 ROSEN, JACKY DEM 2016  
## 9 H8NV03036 TITUS, DINA DEM 2016  
## 10 S6NV00200 MASTO, CATHERINE CORTEZ DEM 2016  
## 11 S6MD00140 MIKULSKI, BARBARA DEM 2016  
## 12 S6MD03441 VAN HOLLEN, CHRIS DEM 2016  
## 13 S8WI00026 FEINGOLD, RUSSELL DANA DEM 2016  
## 14 H6WI08163 NELSON, TOM DEM 2016  
## 15 S0CO00211 BENNET, MICHAEL F DEM 2016  
## 16 H8PA01153 BRADY, ROBERT A DEM 2016  
## 17 S6PA00217 CASEY, ROBERT P JR DEM 2018  
## 18 H6PA08228 SANTARSIERO, STEVEN J DEM 2016  
## 19 H4PA08116 NAUGHTON, SHAUGHNESSY DEM 2016  
## 20 S6PA00266 MCGINTY, KATHLEEN ALANA DEM 2016  
## 21 H2CA31125 AGUILAR, PETE DEM 2016  
## 22 H0CA49055 DAVIS, SUSAN DEM 2016  
## 23 H6CA25177 CAFORIO, BRYAN DEM 2016  
## 24 H2CA00120 BROWNLEY, JULIA DEM 2016  
## 25 H6CA49102 APPLEGATE, DOUGLAS LOREN DEM 2016  
## 26 H6CA46116 CORREA, JOSE LUIS (LOU) MR. DEM 2016  
## 27 H0CA32101 CHU, JUDY DEM 2016  
## 28 H2CA30143 BECERRA, XAVIER DEM 2016  
## 29 H2CA35100 HALL, ISADORE III DEM 2016  
## 30 H2CA28113 CARDENAS, TONY DEM 2016  
## 31 H0CA33117 BASS, KAREN DEM 2016  
## 32 H6CA21218 HUERTA, EMILIO JESUS MR. DEM 2016  
## 33 H6CA24303 CARBAJAL, SALUD DEM 2016  
## 34 H6NH01230 SHEA-PORTER, CAROL DEM 2016  
## 35 S6NH00091 HASSAN, MARGARET WOOD DEM 2016  
## 36 H4ME02200 CAIN, EMILY DEM 2016  
## 37 S6FL00319 MURPHY, PATRICK E DEM 2016  
## 38 H6FL07140 MURPHY, STEPHANIE DEM 2016  
## 39 H6FL23063 CANOVA, TIMOTHY A. DEM 2016  
## 40 H6WA07458 JAYAPAL, PRAMILA DEM 2016  
## 41 S2ND00099 HEITKAMP, HEIDI DEM 2018  
## 42 S6OH00254 STRICKLAND, TED DEM 2016  
## 43 H2MN07014 PETERSON, COLLIN CLARK DEM 2016  
## 44 H6MI08247 GILBERT, MELISSA DEM 2016  
## 45 H6MI07223 DRISKELL, GRETCHEN DEM 2016  
## 46 H6NY19243 TEACHOUT, ZEPHYR DEM 2016  
## 47 S6LA00334 FAYARD, CATHRYN CAROLINE DEM 2016  
## 48 H0AL07086 SEWELL, TERRYCINA ANDREA DEM 2016  
## 49 H6WV01087 MANYPENNY, MIKE DEM 2016  
## 50 H6WV01095 MANYPENNY, MICHAEL NOEL HON. II DEM 2016  
## 51 H0WV02104 HUNT, MARK ALLEN DEM 2016  
## 52 H6WV02127 PEYTON, HARVEY D. DEM 2016  
## 53 H6WV03091 DETCH, MATTHEW PAUL DEM 2016  
## 54 H2TX29030 GREEN, RAYMOND E. 'GENE' DEM 2016  
## 55 P60012143 BIDEN, JOE R DEM 2016  
## 56 P60007168 SANDERS, BERNARD DEM 2016  
## 57 P00003392 CLINTON, HILLARY RODHAM / TIMOTHY MICHAEL KAINE DEM 2016  
## State order pop region transactions proportion  
## 1 IN 46204 6634007 indiana 1909479 2.878319e-01  
## 2 IN 46204 6634007 indiana 1909479 2.878319e-01  
## 3 MO 65205 6091176 missouri 1418260 2.328385e-01  
## 4 NC 27611 10156689 north carolina 2247345 2.212675e-01  
## 5 NJ 7451 8978416 new jersey 1882117 2.096268e-01  
## 6 NJ 8102 8978416 new jersey 1882117 2.096268e-01  
## 7 NV 89102 2939254 nevada 566897 1.928710e-01  
## 8 NV 89074 2939254 nevada 566897 1.928710e-01  
## 9 NV 89170 2939254 nevada 566897 1.928710e-01  
## 10 NV 89139 2939254 nevada 566897 1.928710e-01  
## 11 MD 21218 6024752 maryland 991506 1.645721e-01  
## 12 MD 20895 6024752 maryland 991506 1.645721e-01  
## 13 WI 53562 5772917 wisconsin 897203 1.554159e-01  
## 14 WI 54130 5772917 wisconsin 897203 1.554159e-01  
## 15 CO 80206 5530105 colorado 235258 4.254133e-02  
## 16 PA 20515 12787085 pennsylvania 511198 3.997768e-02  
## 17 PA 19102 12787085 pennsylvania 511198 3.997768e-02  
## 18 PA 19067 12787085 pennsylvania 511198 3.997768e-02  
## 19 PA 18901 12787085 pennsylvania 511198 3.997768e-02  
## 20 PA 19087 12787085 pennsylvania 511198 3.997768e-02  
## 21 CA 92423 39296476 california 1179717 3.002094e-02  
## 22 CA 8388607 39296476 california 1179717 3.002094e-02  
## 23 CA 91355 39296476 california 1179717 3.002094e-02  
## 24 CA 91358 39296476 california 1179717 3.002094e-02  
## 25 CA 92081 39296476 california 1179717 3.002094e-02  
## 26 CA 8388607 39296476 california 1179717 3.002094e-02  
## 27 CA 90048 39296476 california 1179717 3.002094e-02  
## 28 CA 90071 39296476 california 1179717 3.002094e-02  
## 29 CA 90010 39296476 california 1179717 3.002094e-02  
## 30 CA 90010 39296476 california 1179717 3.002094e-02  
## 31 CA 90017 39296476 california 1179717 3.002094e-02  
## 32 CA 93303 39296476 california 1179717 3.002094e-02  
## 33 CA 93102 39296476 california 1179717 3.002094e-02  
## 34 NH 3866 1335015 new hampshire 25191 1.886945e-02  
## 35 NH 3302 1335015 new hampshire 25191 1.886945e-02  
## 36 ME 4402 1330232 maine 21587 1.622800e-02  
## 37 FL 33418 20656589 florida 334278 1.618263e-02  
## 38 FL 32790 20656589 florida 334278 1.618263e-02  
## 39 FL 33022 20656589 florida 334278 1.618263e-02  
## 40 WA 98118 7280934 washington 94602 1.299311e-02  
## 41 ND 58554 755548 north dakota 5281 6.989629e-03  
## 42 OH 43213 11622554 ohio 60340 5.191630e-03  
## 43 MN 56501 5525050 minnesota 17500 3.167392e-03  
## 44 MI 48116 9933445 michigan 29317 2.951343e-03  
## 45 MI 48176 9933445 michigan 29317 2.951343e-03  
## 46 NY 12472 19836286 new york 9000 4.537140e-04  
## 47 LA 70896 4686157 louisiana 1250 2.667431e-04  
## 48 AL 35201 4860545 alabama 1000 2.057382e-04  
## 49 WV 26354 1828637 west virginia 92 5.031070e-05  
## 50 WV 26354 1828637 west virginia 92 5.031070e-05  
## 51 WV 25302 1828637 west virginia 92 5.031070e-05  
## 52 WV 25143 1828637 west virginia 92 5.031070e-05  
## 53 WV 24901 1828637 west virginia 92 5.031070e-05  
## 54 TX 77222 27904862 texas 955 3.422343e-05  
## 55 US 17388 NA <NA> 4208160 NA  
## 56 US 5408 NA <NA> 4208160 NA  
## 57 US 0 NA <NA> 4208160 NA  
## new\_proportion  
## 1 -1.245379  
## 2 -1.245379  
## 3 -1.457410  
## 4 -1.508383  
## 5 -1.562426  
## 6 -1.562426  
## 7 -1.645733  
## 8 -1.645733  
## 9 -1.645733  
## 10 -1.645733  
## 11 -1.804407  
## 12 -1.804407  
## 13 -1.861651  
## 14 -1.861651  
## 15 -3.157279  
## 16 -3.219434  
## 17 -3.219434  
## 18 -3.219434  
## 19 -3.219434  
## 20 -3.219434  
## 21 -3.505860  
## 22 -3.505860  
## 23 -3.505860  
## 24 -3.505860  
## 25 -3.505860  
## 26 -3.505860  
## 27 -3.505860  
## 28 -3.505860  
## 29 -3.505860  
## 30 -3.505860  
## 31 -3.505860  
## 32 -3.505860  
## 33 -3.505860  
## 34 -3.970211  
## 35 -3.970211  
## 36 -4.121017  
## 37 -4.123817  
## 38 -4.123817  
## 39 -4.123817  
## 40 -4.343336  
## 41 -4.963328  
## 42 -5.260708  
## 43 -5.754847  
## 44 -5.825495  
## 45 -5.825495  
## 46 -7.698044  
## 47 -8.229225  
## 48 -8.488906  
## 49 -9.897293  
## 50 -9.897293  
## 51 -9.897293  
## 52 -9.897293  
## 53 -9.897293  
## 54 -10.282600  
## 55 NA  
## 56 NA  
## 57 NA

summed\_rep <- aggregate(transactions ~ State, republicans\_new, sum)   
summed\_rep

## State transactions  
## 1 AK 693  
## 2 AL 98394  
## 3 AR 66  
## 4 AZ 375536  
## 5 CA 264561  
## 6 CO 1518074  
## 7 CT 51  
## 8 FL 1168331  
## 9 GA 1590628  
## 10 HI 17  
## 11 IA 194805  
## 12 ID 77  
## 13 IL 828998  
## 14 IN 53832  
## 15 KS 64054  
## 16 KY 1067  
## 17 LA 19464  
## 18 MA 52  
## 19 MD 211  
## 20 ME 642598  
## 21 MI 512031  
## 22 MN 1400742  
## 23 MO 332053  
## 24 MS 41  
## 25 MT 227022  
## 26 NC 575168  
## 27 ND 37  
## 28 NE 283945  
## 29 NH 637632  
## 30 NJ 351738  
## 31 NM 56  
## 32 NV 2617168  
## 33 NY 1173757  
## 34 OH 1070111  
## 35 OK 55  
## 36 OR 679  
## 37 PA 2046689  
## 38 RI 27  
## 39 SC 148  
## 40 SD 51  
## 41 TN 54  
## 42 TX 507310  
## 43 US 9128229  
## 44 UT 269437  
## 45 VA 19950  
## 46 WA 108  
## 47 WI 115566  
## 48 WV 472  
## 49 WY 31

republicans\_new <- republicans\_new%>%  
 left\_join(summed\_rep, by = "State") %>%  
 select(-transactions.x) %>%  
 rename(transactions = transactions.y)  
republicans\_new <- republicans\_new %>%  
 mutate(proportion = (transactions / pop)) %>%  
 mutate(new\_proportion = log(proportion)) %>%  
 arrange(desc(proportion))  
republicans\_new

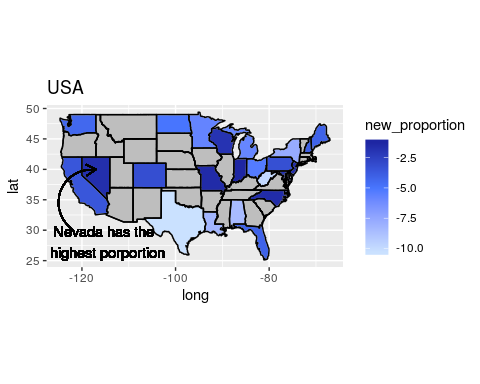
## ID name party year State  
## 1 H2NV04045 TARKANIAN, DANNY REP 2016 NV  
## 2 S6NV00218 HECK, JOE REP 2016 NV  
## 3 H4NV04017 HARDY, CRESENT REP 2016 NV  
## 4 H4ME02234 POLIQUIN, BRUCE L REP 2016 ME  
## 5 S0NH00235 AYOTTE, KELLY A REP 2016 NH  
## 6 H0NH01217 GUINTA, FRANK REP 2016 NH  
## 7 H6CO07106 ATHANASOPOULOS, GEORGE MR. REP 2016 CO  
## 8 H6CO05159 LAMBORN, DOUGLAS REP 2016 CO  
## 9 H8CO06138 COFFMAN, MIKE REP. REP 2016 CO  
## 10 H4CO04090 BUCK, KENNETH R REP 2016 CO  
## 11 H6CO02149 MORSE, NICHOLAS GRANT MR. REP 2016 CO  
## 12 H6CO03139 TIPTON, SCOTT R. REP 2016 CO  
## 13 S6CO00226 GLENN, DARRYL REP 2016 CO  
## 14 H8MN03077 PAULSEN, ERIK REP 2016 MN  
## 15 H6MN05332 DRAKE, FRANK NELSON REP 2016 MN  
## 16 H4MN06087 EMMER, THOMAS EARL JR. REP 2016 MN  
## 17 H4MN08083 MILLS, STEWART MR. REP 2016 MN  
## 18 H6MN02149 LEWIS, JASON MARK MR. REP 2016 MN  
## 19 H0MN01045 HAGEDORN, JAMES REP 2016 MN  
## 20 H4MT01041 ZINKE, RYAN K REP 2016 MT  
## 21 S4PA00121 TOOMEY, PATRICK JOSEPH REP 2016 PA  
## 22 H6PA08277 FITZPATRICK, BRIAN REP 2016 PA  
## 23 H6PA16320 SMUCKER, LLOYD K REP 2016 PA  
## 24 H2GA12121 ALLEN, RICHARD W REP 2016 GA  
## 25 H4GA11061 LOUDERMILK, BARRY REP 2016 GA  
## 26 H0GA08099 SCOTT, JAMES AUSTIN REP 2016 GA  
## 27 H6GA03113 FERGUSON, ANDERSON DREW IV REP 2016 GA  
## 28 H0GA13032 CRANE, MICHAEL ROBERT REP 2016 GA  
## 29 H4GA01039 CARTER, EARL LEROY REP 2016 GA  
## 30 H0GA07133 WOODALL, ROB REP. REP 2016 GA  
## 31 H4GA06087 PRICE, THOMAS EDMUNDS REP 2016 GA  
## 32 S6GA00119 ISAKSON, JOHN HARDY REP 2016 GA  
## 33 H0GA07125 HICE, JODY REP 2016 GA  
## 34 H2GA09150 COLLINS, DOUGLAS ALLEN REP 2016 GA  
## 35 H0GA09030 GRAVES, JOHN THOMAS MR. JR. REP 2016 GA  
## 36 H4NE01064 FORTENBERRY, JEFFREY L. HONORABLE REP 2016 NE  
## 37 H6NE02125 BACON, DONALD REP 2016 NE  
## 38 H6NE03115 SMITH, ADRIAN REP 2016 NE  
## 39 H2OH14064 JOYCE, DAVID P REP 2016 OH  
## 40 S0OH00133 PORTMAN, ROB REP 2016 OH  
## 41 H8UT03089 CHAFFETZ, JASON REP 2016 UT  
## 42 H2UT02324 STEWART, CHRIS REP 2016 UT  
## 43 H2UT04023 LOVE, MIA REP 2016 UT  
## 44 S0UT00165 LEE, MIKE REP 2016 UT  
## 45 H2UT01094 BISHOP, ROBERT REP 2016 UT  
## 46 H6IL18088 LAHOOD, DARIN MCKAY REP 2016 IL  
## 47 H2IL20042 SHIMKUS, JOHN M REP 2016 IL  
## 48 H6IL17205 HARLAN, PATRICK REP 2016 IL  
## 49 H6IL06117 ROSKAM, PETER REP 2016 IL  
## 50 H4IL12060 BOST, MICHAEL REP 2016 IL  
## 51 H0IL10302 DOLD, ROBERT JAMES JR REP 2016 IL  
## 52 H6IL11117 KHOURI, TONIA REP 2016 IL  
## 53 H0IL11052 KINZINGER, ADAM REP 2016 IL  
## 54 H6IL01159 DEUSER, AUGUST (O'NEILL) REP 2016 IL  
## 55 H0IL14080 HULTGREN, RANDY REP 2016 IL  
## 56 H2IA01055 BLUM, RODNEY REP 2016 IA  
## 57 S0IA00028 GRASSLEY, CHARLES E SENATOR REP 2016 IA  
## 58 H2IA05072 KING, STEVE MR. REP 2016 IA  
## 59 H4IA03115 YOUNG, DAVID REP 2016 IA  
## 60 H2NY03089 KING, PETER T. HON. REP 2016 NY  
## 61 H0NY29054 REED, THOMAS W II REP 2016 NY  
## 62 H6NY19169 FASO, JOHN J. MR. REP 2016 NY  
## 63 H6NY11174 DONOVAN, DAN REP 2016 NY  
## 64 H8NY01148 ZELDIN, LEE M REP 2016 NY  
## 65 H6NY14244 SPOTORNO, FRANK REP 2016 NY  
## 66 H6NY03197 MARTINS, JACK REP 2016 NY  
## 67 H4NY29098 ASSINI, MARK W REP 2016 NY  
## 68 S2NY00259 LONG, WENDY REP 2016 NY  
## 69 H8NY29032 COLLINS, CHRISTOPHER C REP 2016 NY  
## 70 H4NY22051 TENNEY, CLAUDIA REP 2016 NY  
## 71 H4NY24073 KATKO, JOHN M REP 2016 NY  
## 72 H6NY12115 ROMAGUERA, ALLAN E. REP 2016 NY  
## 73 H2NC09134 PITTENGER, ROBERT M. HON. REP 2016 NC  
## 74 H4NC05146 FOXX, VIRGINIA ANN REP 2016 NC  
## 75 H6NC13137 HOWARD, JULIA CRAVEN REP 2016 NC  
## 76 H2NC08185 HUDSON, RICHARD L. JR. REP 2016 NC  
## 77 H2NC13110 HOLDING, GEORGE E MR. REP 2016 NC  
## 78 S4NC00089 BURR, RICHARD M REP 2016 NC  
## 79 H2FL14152 GOSS, CHAUNCEY P REP 2016 FL  
## 80 H6FL04105 RUTHERFORD, JOHN REP 2016 FL  
## 81 H2FL08055 MICA, JOHN L. MR. REP 2016 FL  
## 82 H0FL18025 ROS-LEHTINEN, ILEANA THE HON. REP 2016 FL  
## 83 H6FL01119 GAETZ, MATT REP 2016 FL  
## 84 H4FL13101 JOLLY, DAVID W. REP 2016 FL  
## 85 H6FL19095 BONGINO, DANIEL J REP 2016 FL  
## 86 H2FL00292 DESANTIS, RONALD D. REP 2016 FL  
## 87 H6FL18097 MAST, BRIAN REP 2016 FL  
## 88 H4FL26038 CURBELO, CARLOS MR. REP 2016 FL  
## 89 H6FL02208 DUNN, NEAL PATRICK MD, FACS REP 2016 FL  
## 90 H6FL19087 ROONEY, FRANCIS REP 2016 FL  
## 91 S0FL00338 RUBIO, MARCO REP 2016 FL  
## 92 S0MO00183 BLUNT, ROY REP 2016 MO  
## 93 H6AZ09010 GILES, DAVID VICTOR REP 2016 AZ  
## 94 H4AZ04024 FRANKS, TRENT REP 2016 AZ  
## 95 H2AZ08102 MCSALLY, MARTHA E. MS. REP 2016 AZ  
## 96 H6AZ05083 BIGGS, ANDY REP 2016 AZ  
## 97 H4AZ06045 SCHWEIKERT, DAVID REP 2016 AZ  
## 98 S6AZ00019 MCCAIN, JOHN S REP 2016 AZ  
## 99 H0AZ01259 GOSAR, PAUL DR. REP 2016 AZ  
## 100 H2AZ04127 BABEU, PAUL RAYMOND REP 2016 AZ  
## 101 H6AZ07030 NUNEZ, EVANGELINE MARTINEZ REP 2016 AZ  
## 102 H4MI05123 HARDWICK, ALAN REP 2016 MI  
## 103 H4MI08135 BISHOP, MIKE REP 2016 MI  
## 104 H0MI02094 HUIZENGA, WILLIAM P THE HON. REP 2016 MI  
## 105 H6MI12264 JONES, JEFF REP 2016 MI  
## 106 H0MI03126 AMASH, JUSTIN REP 2016 MI  
## 107 H6MI04113 UPTON, FREDERICK STEPHEN REP 2016 MI  
## 108 H4MI04126 MOOLENAAR, JOHN REP 2016 MI  
## 109 H4MI07103 WALBERG, TIMOTHY L HON. REP 2016 MI  
## 110 H6MI01226 BERGMAN, JOHN REP 2016 MI  
## 111 H4MI11097 TROTT, DAVID A REP 2016 MI  
## 112 H6NJ12201 UCCIO, STEVEN J. REP 2016 NJ  
## 113 H8NJ04014 SMITH, CHRISTOPHER H REP 2016 NJ  
## 114 H6NJ12136 LANCE, LEONARD REP 2016 NJ  
## 115 H2NJ02037 LOBIONDO, FRANK A. REP 2016 NJ  
## 116 H8NJ05052 GARRETT, SCOTT REP. REP 2016 NJ  
## 117 H4NJ03130 MACARTHUR, THOMAS REP 2016 NJ  
## 118 H2NJ05014 FRELINGHUYSEN, RODNEY P. REP 2016 NJ  
## 119 S0KS00091 MORAN, JERRY REP 2016 KS  
## 120 H8KS02090 JENKINS, LYNN REP 2016 KS  
## 121 H0KS03137 YODER, KEVIN REP 2016 KS  
## 122 H6KS01146 HUELSKAMP, TIMOTHY A REPRESENTA REP 2016 KS  
## 123 H0KS04051 POMPEO, MICHAEL RICHARD REP 2016 KS  
## 124 H6KS01179 MARSHALL, ROGER W REP 2016 KS  
## 125 H4AL01123 BYRNE, BRADLEY ROBERTS REP 2016 AL  
## 126 H0AL05163 BROOKS, MO REP 2016 AL  
## 127 S6AL00013 SHELBY, RICHARD C REP 2016 AL  
## 128 H4AL06098 PALMER, GARY REP 2016 AL  
## 129 H2AL03032 ROGERS, MICHAEL DENNIS REP 2016 AL  
## 130 H6AL04098 ADERHOLT, ROBERT BROWN REP 2016 AL  
## 131 H0AL02087 ROBY, MARTHA REP 2016 AL  
## 132 H8WI01024 RYAN, PAUL D. REP 2016 WI  
## 133 S0WI00197 JOHNSON, RONALD HAROLD REP 2016 WI  
## 134 H6WI08155 GALLAGHER, MICHAEL JOHN REP 2016 WI  
## 135 H2TX03126 SESSIONS, PETE MR. REP 2016 TX  
## 136 H6TX34031 GONZALEZ, REY DR. REP 2016 TX  
## 137 H4TX06117 BARTON, JOE LINUS REP 2016 TX  
## 138 H4TX04153 RATCLIFFE, JOHN L REP 2016 TX  
## 139 H0TX07055 CULBERSON, JOHN REP 2016 TX  
## 140 H4TX02108 POE, TED REP 2016 TX  
## 141 H2TX35029 NARVAIZ, SUSAN REP 2016 TX  
## 142 H2TX14149 WEBER, RANDY REP 2016 TX  
## 143 H6TX09082 MARTIN, JEFF REP 2016 TX  
## 144 H2TX05121 HENSARLING, JEB HON. REP 2016 TX  
## 145 H6TX15204 WESTLEY, TIMMY LEE REP 2016 TX  
## 146 H6TX08175 TOTH, STEVE REP 2016 TX  
## 147 H2TX33040 WILLIAMS, ROGER REP 2016 TX  
## 148 H2TX31044 CARTER, JOHN R. REP. REP 2016 TX  
## 149 H0TX17104 FLORES, BILL REP 2016 TX  
## 150 H2TX33099 MITCHELL, MONTE MARK REP 2016 TX  
## 151 H4TX13014 THORNBERRY, MAC REP 2016 TX  
## 152 H0TX23086 HURD, WILLIAM REP 2016 TX  
## 153 H6TX28074 HARDIN, ZEFFEN MR REP 2016 TX  
## 154 H4TX24094 MARCHANT, KENNY E MR. REP 2016 TX  
## 155 H4TX04039 GOHMERT, LOUIS B. MR. JR. REP 2016 TX  
## 156 H8TX22107 OLSON, PETER G. REP 2016 TX  
## 157 H2TX03118 JOHNSON, SAM MR. REP 2016 TX  
## 158 H6TX02079 BABIN, BRIAN REP 2016 TX  
## 159 H6TX08100 BRADY, KEVIN REP 2016 TX  
## 160 H4TX10093 MCCAUL, MICHAEL REP 2016 TX  
## 161 H6TX18141 BARTLEY, LORI ANITA MRS. REP 2016 TX  
## 162 H2TX26093 BURGESS, MICHAEL C. DR. REP 2016 TX  
## 163 H0TX27061 FARENTHOLD, RANDOLPH BLAKE REP 2016 TX  
## 164 H6TX19099 ARRINGTON, JODEY COOK REP 2016 TX  
## 165 H4TX19136 CONAWAY, MICHAEL HONORABLE REP 2016 TX  
## 166 H6TX21012 SMITH, LAMAR REP 2016 TX  
## 167 H0TX30032 LINGERFELT, CHARLES B REP 2016 TX  
## 168 S6IN00191 YOUNG, TODD CHRISTOPHER REP 2016 IN  
## 169 H6IN09176 HOLLINGSWORTH, TREY REP 2016 IN  
## 170 S0IN00095 STUTZMAN, MARLIN A REP 2016 IN  
## 171 H2CA20094 VALADAO, DAVID REP 2016 CA  
## 172 H6CA36182 STONE, JEFFREY E REP 2016 CA  
## 173 H4CA25123 KNIGHT, STEVE REP 2016 CA  
## 174 H8CA42061 ROHRABACHER, DANA REP 2016 CA  
## 175 H0CA11337 AMADOR, ANTONIO C REP 2016 CA  
## 176 H2CA02142 LAMALFA, DOUG REP 2016 CA  
## 177 H4CA24142 FAREED, JUSTIN REP 2016 CA  
## 178 H4CA45097 WALTERS, MIMI REP 2016 CA  
## 179 H2CA08164 COOK, PAUL REP 2016 CA  
## 180 H6CA11169 PETERSEN, ROGER REP 2016 CA  
## 181 H6CA35127 FISCHELLA, TYLER R REP 2016 CA  
## 182 H6CA30185 REED, MARK REP 2016 CA  
## 183 H8CA04152 MCCLINTOCK, THOMAS REP 2016 CA  
## 184 H2CA37023 CALVERT, KEN REP 2016 CA  
## 185 H8CA20059 NUNES, DEVIN G REP 2016 CA  
## 186 H2CA16100 TACHERRA, JOHNNY REP 2016 CA  
## 187 H6CA22125 MCCARTHY, KEVIN REP 2016 CA  
## 188 H8CA52052 HUNTER, DUNCAN D. REP 2016 CA  
## 189 H0CA48024 ISSA, DARRELL REP 2016 CA  
## 190 H6CA39020 ROYCE, ED MR. REP 2016 CA  
## 191 H6CA03117 CLEEK, N EUGENE MD REP 2016 CA  
## 192 H6CA52130 GITSHAM, DENISE REP 2016 CA  
## 193 H0LA01087 SCALISE, STEVE MR. REP 2016 LA  
## 194 H6LA04138 JOHNSON, JAMES MICHAEL REP 2016 LA  
## 195 S6LA00318 FLEMING, JOHN C JR REP 2016 LA  
## 196 S6LA00300 BOUSTANY, CHARLES W JR DR REP 2016 LA  
## 197 S4LA00065 KENNEDY, JOHN NEELY REP 2016 LA  
## 198 H6VA03089 WILLIAMS, MARTIN L. MR. REP 2016 VA  
## 199 H6VA05142 GARRETT, THOMAS ALEXANDER MR. JR. REP 2016 VA  
## 200 H0VA02118 TAYLOR, SCOTT REP 2016 VA  
## 201 H6VA07130 WADE, MICHAEL LEO REP 2016 VA  
## 202 H2VA06115 GOODLATTE, ROBERT W. REP 2016 VA  
## 203 H4VA10089 COMSTOCK, BARBARA J HONORABLE REP 2016 VA  
## 204 H0VA09055 GRIFFITH, H MORGAN REP 2016 VA  
## 205 H4VA07143 BRAT, DAVID ALAN MR. REP 2016 VA  
## 206 H8VA01147 WITTMAN, ROBERT J MR. REP 2016 VA  
## 207 H6AK00045 YOUNG, DONALD E REP 2016 AK  
## 208 S4AK00099 MURKOWSKI, LISA REP 2016 AK  
## 209 H0WV01072 MCKINLEY, DAVID B. MR. REP 2016 WV  
## 210 H4WV03070 JENKINS, EVAN H REP 2016 WV  
## 211 H4WV02080 MOONEY, ALEXANDER XAVIER REP 2016 WV  
## 212 H2KY04121 MASSIE, THOMAS H. REP 2016 KY  
## 213 H6KY03173 BRATCHER, HAROLD REP 2016 KY  
## 214 H6KY01110 COMER, JAMES REP 2016 KY  
## 215 S0KY00156 PAUL, RAND REP 2016 KY  
## 216 H0KY06104 BARR, GARLAND ANDY REP 2016 KY  
## 217 H0KY05015 ROGERS, HAROLD DALLAS REP 2016 KY  
## 218 H8KY02031 GUTHRIE, S. BRETT HON. REP 2016 KY  
## 219 H0OR04081 ROBINSON, ART DR. REP 2016 OR  
## 220 H6OR02116 WALDEN, GREGORY P MR. REP 2016 OR  
## 221 H6OR05143 WILLIS, COLM REP 2016 OR  
## 222 S4OR00172 CALLAHAN, MARK ALLEN REP 2016 OR  
## 223 H0SD00054 NOEM, KRISTI LYNN REP 2016 SD  
## 224 H6WY00159 CHENEY, ELIZABETH MRS. REP 2016 WY  
## 225 S0ND00093 HOEVEN, JOHN REP 2016 ND  
## 226 H8ID02064 SIMPSON, MICHAEL REP 2016 ID  
## 227 S8ID00027 CRAPO, MICHAEL REP 2016 ID  
## 228 H0ID01253 LABRADOR, RAUL R. HON. REP 2016 ID  
## 229 S6MD03508 SZELIGA, KATHY REP 2016 MD  
## 230 H6MD08564 COX, DAN REP 2016 MD  
## 231 H6MD02211 MCDONOUGH, PATRICK L REP 2016 MD  
## 232 H4MD05144 ARNESS, MARK KENNETH REP 2016 MD  
## 233 H8MD01094 HARRIS, ANDREW P REP 2016 MD  
## 234 H4MD07074 VAUGHN, CARROGAN R REP 2016 MD  
## 235 H0SC03077 DUNCAN, JEFFREY D MR. REP 2016 SC  
## 236 H2SC07066 RICE, TOM REP 2016 SC  
## 237 H4SC01073 SANFORD, MARSHALL C. HON. REP 2016 SC  
## 238 S4SC00240 SCOTT, TIMOTHY E REP 2016 SC  
## 239 H2SC02059 WILSON, JOE THE HON. REP 2016 SC  
## 240 H0SC04257 GOWDY, TREY REP 2016 SC  
## 241 H0SC05031 MULVANEY, JOHN MICHAEL 'MICK' REP 2016 SC  
## 242 H4NM01124 PRIEM, RICHARD G REP 2016 NM  
## 243 H6NM03067 ROMERO, MICHAEL H REP 2016 NM  
## 244 H2NM02126 PEARCE, STEVAN E. REP 2016 NM  
## 245 H4RI01133 TAUB, H. RUSSELL REP 2016 RI  
## 246 H4RI02107 REIS, RHUE REP 2016 RI  
## 247 H4AR04048 WESTERMAN, BRUCE MR. REP 2016 AR  
## 248 H0AR01083 CRAWFORD, ERIC ALAN RICK REP 2016 AR  
## 249 H4AR02141 HILL, JAMES FRENCH REP 2016 AR  
## 250 H0AR03055 WOMACK, STEVE REP 2016 AR  
## 251 S0AR00150 BOOZMAN, JOHN REP 2016 AR  
## 252 H6WA05171 RODGERS, CATHY MCMORRIS REP 2016 WA  
## 253 H4WA08071 REICHERT, DAVE REP 2016 WA  
## 254 H4WA04104 NEWHOUSE, DAN REP 2016 WA  
## 255 H0WA03187 HERRERA BEUTLER, JAIME REP 2016 WA  
## 256 H0CT02140 NOVAK, DARIA IRENE REP 2016 CT  
## 257 H6CT03145 CADENA , ANGEL LUIS JR REP 2016 CT  
## 258 H2CT01189 COREY, MATTHEW M MR REP 2016 CT  
## 259 H2OK02083 MULLIN, MARKWAYNE MR. REP 2016 OK  
## 260 H4OK06056 LUCAS, FRANK D. REP 2016 OK  
## 261 H2OK01143 BRIDENSTINE, JAMES FREDERICK REP 2016 OK  
## 262 H2OK04055 COLE, TOM REP 2016 OK  
## 263 H4OK05132 RUSSELL, STEVEN DANE REP 2016 OK  
## 264 H0MS04120 PALAZZO, STEVEN MCCARTY REP 2016 MS  
## 265 H8MS03067 HARPER, GREGG REP 2016 MS  
## 266 H6MS01131 KELLY, JOHN TRENT REP 2016 MS  
## 267 S0HI00126 CARROLL, JOHN STANLEY REP 2016 HI  
## 268 H6HI01287 DELACRUZ SANTIAGO OSTROV, SHIRLENE REP 2016 HI  
## 269 H2TN07103 KUSTOFF, DAVID REP 2016 TN  
## 270 H0TN06257 BLACK, DIANE L MRS. REP 2016 TN  
## 271 H6TN01388 ROE, DAVID PHILLIP DR. REP 2016 TN  
## 272 H0TN03254 FLEISCHMANN, CHARLES J REP 2016 TN  
## 273 H6TN05322 SNYDER, STACY RIES REP 2016 TN  
## 274 H8TN02069 DUNCAN, JOHN J REP. JR. REP 2016 TN  
## 275 H4MA09052 ALLIEGRO, MARK C REP 2016 MA  
## 276 H0MA09027 ROSA, DAVID A REP 2016 MA  
## 277 H6MA08299 BURKE, WILLIAM F REP 2016 MA  
## 278 P60006723 RUBIO, MARCO REP 2016 US  
## 279 P60006111 CRUZ, RAFAEL EDWARD "TED" REP 2016 US  
## 280 P20003281 PERRY, JAMES R (RICK) REP 2016 US  
## 281 P60008059 BUSH, JEB REP 2016 US  
## 282 P60008521 CHRISTIE, CHRISTOPHER J REP 2016 US  
## 283 P60007572 PATAKI, GEORGE E REP 2016 US  
## 284 P80001571 TRUMP, DONALD J. / MICHAEL R. PENCE REP 2016 US  
## 285 P60003670 KASICH, JOHN R REP 2016 US  
## order pop region transactions proportion  
## 1 89107 2939254 nevada 2617168 8.904191e-01  
## 2 89136 2939254 nevada 2617168 8.904191e-01  
## 3 89136 2939254 nevada 2617168 8.904191e-01  
## 4 4963 1330232 maine 642598 4.830721e-01  
## 5 8388607 1335015 new hampshire 637632 4.776216e-01  
## 6 3105 1335015 new hampshire 637632 4.776216e-01  
## 7 80033 5530105 colorado 1518074 2.745109e-01  
## 8 80962 5530105 colorado 1518074 2.745109e-01  
## 9 8388607 5530105 colorado 1518074 2.745109e-01  
## 10 80633 5530105 colorado 1518074 2.745109e-01  
## 11 80528 5530105 colorado 1518074 2.745109e-01  
## 12 8388607 5530105 colorado 1518074 2.745109e-01  
## 13 80962 5530105 colorado 1518074 2.745109e-01  
## 14 55344 5525050 minnesota 1400742 2.535257e-01  
## 15 55344 5525050 minnesota 1400742 2.535257e-01  
## 16 8388607 5525050 minnesota 1400742 2.535257e-01  
## 17 56401 5525050 minnesota 1400742 2.535257e-01  
## 18 55129 5525050 minnesota 1400742 2.535257e-01  
## 19 56013 5525050 minnesota 1400742 2.535257e-01  
## 20 8388607 1038656 montana 227022 2.185728e-01  
## 21 18092 12787085 pennsylvania 2046689 1.600591e-01  
## 22 8388607 12787085 pennsylvania 2046689 1.600591e-01  
## 23 17604 12787085 pennsylvania 2046689 1.600591e-01  
## 24 30904 10313620 georgia 1590628 1.542260e-01  
## 25 8388607 10313620 georgia 1590628 1.542260e-01  
## 26 31714 10313620 georgia 1590628 1.542260e-01  
## 27 31833 10313620 georgia 1590628 1.542260e-01  
## 28 30263 10313620 georgia 1590628 1.542260e-01  
## 29 31322 10313620 georgia 1590628 1.542260e-01  
## 30 8388607 10313620 georgia 1590628 1.542260e-01  
## 31 30077 10313620 georgia 1590628 1.542260e-01  
## 32 8388607 10313620 georgia 1590628 1.542260e-01  
## 33 30655 10313620 georgia 1590628 1.542260e-01  
## 34 30506 10313620 georgia 1590628 1.542260e-01  
## 35 8388607 10313620 georgia 1590628 1.542260e-01  
## 36 8388607 1907603 nebraska 283945 1.488491e-01  
## 37 68046 1907603 nebraska 283945 1.488491e-01  
## 38 8388607 1907603 nebraska 283945 1.488491e-01  
## 39 44072 11622554 ohio 1070111 9.207193e-02  
## 40 8388607 11622554 ohio 1070111 9.207193e-02  
## 41 84004 3044321 utah 269437 8.850479e-02  
## 42 84025 3044321 utah 269437 8.850479e-02  
## 43 84045 3044321 utah 269437 8.850479e-02  
## 44 84004 3044321 utah 269437 8.850479e-02  
## 45 84302 3044321 utah 269437 8.850479e-02  
## 46 61525 12835726 illinois 828998 6.458521e-02  
## 47 8388607 12835726 illinois 828998 6.458521e-02  
## 48 61401 12835726 illinois 828998 6.458521e-02  
## 49 60187 12835726 illinois 828998 6.458521e-02  
## 50 62966 12835726 illinois 828998 6.458521e-02  
## 51 60043 12835726 illinois 828998 6.458521e-02  
## 52 60502 12835726 illinois 828998 6.458521e-02  
## 53 8388607 12835726 illinois 828998 6.458521e-02  
## 54 60448 12835726 illinois 828998 6.458521e-02  
## 55 60545 12835726 illinois 828998 6.458521e-02  
## 56 52003 3130869 iowa 194805 6.222074e-02  
## 57 0 3130869 iowa 194805 6.222074e-02  
## 58 8388607 3130869 iowa 194805 6.222074e-02  
## 59 50261 3130869 iowa 194805 6.222074e-02  
## 60 8388607 19836286 new york 1173757 5.917222e-02  
## 61 8388607 19836286 new york 1173757 5.917222e-02  
## 62 12106 19836286 new york 1173757 5.917222e-02  
## 63 8388607 19836286 new york 1173757 5.917222e-02  
## 64 11967 19836286 new york 1173757 5.917222e-02  
## 65 10704 19836286 new york 1173757 5.917222e-02  
## 66 11568 19836286 new york 1173757 5.917222e-02  
## 67 14624 19836286 new york 1173757 5.917222e-02  
## 68 10029 19836286 new york 1173757 5.917222e-02  
## 69 8388607 19836286 new york 1173757 5.917222e-02  
## 70 13501 19836286 new york 1173757 5.917222e-02  
## 71 8388607 19836286 new york 1173757 5.917222e-02  
## 72 11215 19836286 new york 1173757 5.917222e-02  
## 73 8388607 10156689 north carolina 575168 5.662948e-02  
## 74 28604 10156689 north carolina 575168 5.662948e-02  
## 75 27028 10156689 north carolina 575168 5.662948e-02  
## 76 8388607 10156689 north carolina 575168 5.662948e-02  
## 77 27608 10156689 north carolina 575168 5.662948e-02  
## 78 27113 10156689 north carolina 575168 5.662948e-02  
## 79 33902 20656589 florida 1168331 5.655973e-02  
## 80 32224 20656589 florida 1168331 5.655973e-02  
## 81 32789 20656589 florida 1168331 5.655973e-02  
## 82 8388607 20656589 florida 1168331 5.655973e-02  
## 83 32548 20656589 florida 1168331 5.655973e-02  
## 84 33785 20656589 florida 1168331 5.655973e-02  
## 85 34990 20656589 florida 1168331 5.655973e-02  
## 86 32004 20656589 florida 1168331 5.655973e-02  
## 87 34995 20656589 florida 1168331 5.655973e-02  
## 88 33173 20656589 florida 1168331 5.655973e-02  
## 89 32308 20656589 florida 1168331 5.655973e-02  
## 90 33606 20656589 florida 1168331 5.655973e-02  
## 91 33266 20656589 florida 1168331 5.655973e-02  
## 92 8388607 6091176 missouri 332053 5.451378e-02  
## 93 85226 6908642 arizona 375536 5.435743e-02  
## 94 8388607 6908642 arizona 375536 5.435743e-02  
## 95 8388607 6908642 arizona 375536 5.435743e-02  
## 96 85234 6908642 arizona 375536 5.435743e-02  
## 97 85268 6908642 arizona 375536 5.435743e-02  
## 98 22314 6908642 arizona 375536 5.435743e-02  
## 99 86302 6908642 arizona 375536 5.435743e-02  
## 100 85143 6908642 arizona 375536 5.435743e-02  
## 101 85305 6908642 arizona 375536 5.435743e-02  
## 102 48423 9933445 michigan 512031 5.154617e-02  
## 103 8388607 9933445 michigan 512031 5.154617e-02  
## 104 8388607 9933445 michigan 512031 5.154617e-02  
## 105 48180 9933445 michigan 512031 5.154617e-02  
## 106 49506 9933445 michigan 512031 5.154617e-02  
## 107 49085 9933445 michigan 512031 5.154617e-02  
## 108 8388607 9933445 michigan 512031 5.154617e-02  
## 109 8388607 9933445 michigan 512031 5.154617e-02  
## 110 49969 9933445 michigan 512031 5.154617e-02  
## 111 48009 9933445 michigan 512031 5.154617e-02  
## 112 8520 8978416 new jersey 351738 3.917595e-02  
## 113 8388607 8978416 new jersey 351738 3.917595e-02  
## 114 7067 8978416 new jersey 351738 3.917595e-02  
## 115 8406 8978416 new jersey 351738 3.917595e-02  
## 116 8388607 8978416 new jersey 351738 3.917595e-02  
## 117 8753 8978416 new jersey 351738 3.917595e-02  
## 118 7960 8978416 new jersey 351738 3.917595e-02  
## 119 8388607 2907731 kansas 64054 2.202886e-02  
## 120 8388607 2907731 kansas 64054 2.202886e-02  
## 121 8388607 2907731 kansas 64054 2.202886e-02  
## 122 8388607 2907731 kansas 64054 2.202886e-02  
## 123 8388607 2907731 kansas 64054 2.202886e-02  
## 124 67530 2907731 kansas 64054 2.202886e-02  
## 125 36532 4860545 alabama 98394 2.024341e-02  
## 126 35802 4860545 alabama 98394 2.024341e-02  
## 127 35403 4860545 alabama 98394 2.024341e-02  
## 128 8388607 4860545 alabama 98394 2.024341e-02  
## 129 36201 4860545 alabama 98394 2.024341e-02  
## 130 35565 4860545 alabama 98394 2.024341e-02  
## 131 36101 4860545 alabama 98394 2.024341e-02  
## 132 8388607 5772917 wisconsin 115566 2.001865e-02  
## 133 0 5772917 wisconsin 115566 2.001865e-02  
## 134 54301 5772917 wisconsin 115566 2.001865e-02  
## 135 8388607 27904862 texas 507310 1.817999e-02  
## 136 78550 27904862 texas 507310 1.817999e-02  
## 137 75119 27904862 texas 507310 1.817999e-02  
## 138 8388607 27904862 texas 507310 1.817999e-02  
## 139 8388607 27904862 texas 507310 1.817999e-02  
## 140 77347 27904862 texas 507310 1.817999e-02  
## 141 78666 27904862 texas 507310 1.817999e-02  
## 142 77546 27904862 texas 507310 1.817999e-02  
## 143 77036 27904862 texas 507310 1.817999e-02  
## 144 8388607 27904862 texas 507310 1.817999e-02  
## 145 78154 27904862 texas 507310 1.817999e-02  
## 146 77384 27904862 texas 507310 1.817999e-02  
## 147 8388607 27904862 texas 507310 1.817999e-02  
## 148 8388607 27904862 texas 507310 1.817999e-02  
## 149 77805 27904862 texas 507310 1.817999e-02  
## 150 8388607 27904862 texas 507310 1.817999e-02  
## 151 8388607 27904862 texas 507310 1.817999e-02  
## 152 78245 27904862 texas 507310 1.817999e-02  
## 153 78109 27904862 texas 507310 1.817999e-02  
## 154 8388607 27904862 texas 507310 1.817999e-02  
## 155 75711 27904862 texas 507310 1.817999e-02  
## 156 8388607 27904862 texas 507310 1.817999e-02  
## 157 75074 27904862 texas 507310 1.817999e-02  
## 158 75979 27904862 texas 507310 1.817999e-02  
## 159 8388607 27904862 texas 507310 1.817999e-02  
## 160 8388607 27904862 texas 507310 1.817999e-02  
## 161 77238 27904862 texas 507310 1.817999e-02  
## 162 8388607 27904862 texas 507310 1.817999e-02  
## 163 8388607 27904862 texas 507310 1.817999e-02  
## 164 79416 27904862 texas 507310 1.817999e-02  
## 165 8388607 27904862 texas 507310 1.817999e-02  
## 166 8388607 27904862 texas 507310 1.817999e-02  
## 167 75336 27904862 texas 507310 1.817999e-02  
## 168 8388607 6634007 indiana 53832 8.114553e-03  
## 169 47130 6634007 indiana 53832 8.114553e-03  
## 170 46746 6634007 indiana 53832 8.114553e-03  
## 171 93704 39296476 california 264561 6.732436e-03  
## 172 92592 39296476 california 264561 6.732436e-03  
## 173 8388607 39296476 california 264561 6.732436e-03  
## 174 92658 39296476 california 264561 6.732436e-03  
## 175 95242 39296476 california 264561 6.732436e-03  
## 176 95917 39296476 california 264561 6.732436e-03  
## 177 93105 39296476 california 264561 6.732436e-03  
## 178 92618 39296476 california 264561 6.732436e-03  
## 179 8388607 39296476 california 264561 6.732436e-03  
## 180 94517 39296476 california 264561 6.732436e-03  
## 181 91773 39296476 california 264561 6.732436e-03  
## 182 91040 39296476 california 264561 6.732436e-03  
## 183 95661 39296476 california 264561 6.732436e-03  
## 184 92882 39296476 california 264561 6.732436e-03  
## 185 93290 39296476 california 264561 6.732436e-03  
## 186 93607 39296476 california 264561 6.732436e-03  
## 187 8388607 39296476 california 264561 6.732436e-03  
## 188 8388607 39296476 california 264561 6.732436e-03  
## 189 92085 39296476 california 264561 6.732436e-03  
## 190 8388607 39296476 california 264561 6.732436e-03  
## 191 8388607 39296476 california 264561 6.732436e-03  
## 192 92101 39296476 california 264561 6.732436e-03  
## 193 70121 4686157 louisiana 19464 4.153510e-03  
## 194 71006 4686157 louisiana 19464 4.153510e-03  
## 195 71055 4686157 louisiana 19464 4.153510e-03  
## 196 8388607 4686157 louisiana 19464 4.153510e-03  
## 197 70447 4686157 louisiana 19464 4.153510e-03  
## 198 23321 8414380 virginia 19950 2.370941e-03  
## 199 24590 8414380 virginia 19950 2.370941e-03  
## 200 23452 8414380 virginia 19950 2.370941e-03  
## 201 23238 8414380 virginia 19950 2.370941e-03  
## 202 8388607 8414380 virginia 19950 2.370941e-03  
## 203 22101 8414380 virginia 19950 2.370941e-03  
## 204 24068 8414380 virginia 19950 2.370941e-03  
## 205 23059 8414380 virginia 19950 2.370941e-03  
## 206 22520 8414380 virginia 19950 2.370941e-03  
## 207 99503 741522 alaska 693 9.345643e-04  
## 208 0 741522 alaska 693 9.345643e-04  
## 209 26003 1828637 west virginia 472 2.581157e-04  
## 210 25701 1828637 west virginia 472 2.581157e-04  
## 211 25402 1828637 west virginia 472 2.581157e-04  
## 212 8388607 4436113 kentucky 1067 2.405259e-04  
## 213 40232 4436113 kentucky 1067 2.405259e-04  
## 214 42167 4436113 kentucky 1067 2.405259e-04  
## 215 41072 4436113 kentucky 1067 2.405259e-04  
## 216 8388607 4436113 kentucky 1067 2.405259e-04  
## 217 42502 4436113 kentucky 1067 2.405259e-04  
## 218 8388607 4436113 kentucky 1067 2.405259e-04  
## 219 97523 4085989 oregon 679 1.661776e-04  
## 220 8388607 4085989 oregon 679 1.661776e-04  
## 221 97383 4085989 oregon 679 1.661776e-04  
## 222 97302 4085989 oregon 679 1.661776e-04  
## 223 8388607 861542 south dakota 51 5.919619e-05  
## 224 82602 584910 wyoming 31 5.299961e-05  
## 225 58501 755548 north dakota 37 4.897108e-05  
## 226 8388607 1680026 idaho 77 4.583262e-05  
## 227 83701 1680026 idaho 77 4.583262e-05  
## 228 8388607 1680026 idaho 77 4.583262e-05  
## 229 21128 6024752 maryland 211 3.502219e-05  
## 230 21727 6024752 maryland 211 3.502219e-05  
## 231 21220 6024752 maryland 211 3.502219e-05  
## 232 20676 6024752 maryland 211 3.502219e-05  
## 233 21666 6024752 maryland 211 3.502219e-05  
## 234 21207 6024752 maryland 211 3.502219e-05  
## 235 8388607 4959822 south carolina 148 2.983978e-05  
## 236 29572 4959822 south carolina 148 2.983978e-05  
## 237 8388607 4959822 south carolina 148 2.983978e-05  
## 238 8388607 4959822 south carolina 148 2.983978e-05  
## 239 8388607 4959822 south carolina 148 2.983978e-05  
## 240 29304 4959822 south carolina 148 2.983978e-05  
## 241 29707 4959822 south carolina 148 2.983978e-05  
## 242 87111 2085432 new mexico 56 2.685295e-05  
## 243 0 2085432 new mexico 56 2.685295e-05  
## 244 8388607 2085432 new mexico 56 2.685295e-05  
## 245 2906 1057566 rhode island 27 2.553032e-05  
## 246 2898 1057566 rhode island 27 2.553032e-05  
## 247 71903 2988231 arkansas 66 2.208665e-05  
## 248 72404 2988231 arkansas 66 2.208665e-05  
## 249 72217 2988231 arkansas 66 2.208665e-05  
## 250 8388607 2988231 arkansas 66 2.208665e-05  
## 251 72757 2988231 arkansas 66 2.208665e-05  
## 252 99210 7280934 washington 108 1.483326e-05  
## 253 98015 7280934 washington 108 1.483326e-05  
## 254 8388607 7280934 washington 108 1.483326e-05  
## 255 8388607 7280934 washington 108 1.483326e-05  
## 256 6443 3587685 connecticut 51 1.421529e-05  
## 257 6484 3587685 connecticut 51 1.421529e-05  
## 258 6040 3587685 connecticut 51 1.421529e-05  
## 259 74965 3921207 oklahoma 55 1.402629e-05  
## 260 8388607 3921207 oklahoma 55 1.402629e-05  
## 261 8388607 3921207 oklahoma 55 1.402629e-05  
## 262 73070 3921207 oklahoma 55 1.402629e-05  
## 263 8388607 3921207 oklahoma 55 1.402629e-05  
## 264 39535 2985415 mississippi 41 1.373343e-05  
## 265 39208 2985415 mississippi 41 1.373343e-05  
## 266 38804 2985415 mississippi 41 1.373343e-05  
## 267 96813 1428683 hawaii 17 1.189907e-05  
## 268 96789 1428683 hawaii 17 1.189907e-05  
## 269 38138 6649404 tennessee 54 8.121029e-06  
## 270 8388607 6649404 tennessee 54 8.121029e-06  
## 271 8388607 6649404 tennessee 54 8.121029e-06  
## 272 37402 6649404 tennessee 54 8.121029e-06  
## 273 37027 6649404 tennessee 54 8.121029e-06  
## 274 37922 6649404 tennessee 54 8.121029e-06  
## 275 2536 6823721 massachusetts 52 7.620476e-06  
## 276 2715 6823721 massachusetts 52 7.620476e-06  
## 277 2170 6823721 massachusetts 52 7.620476e-06  
## 278 8388607 NA <NA> 9128229 NA  
## 279 77265 NA <NA> 9128229 NA  
## 280 78716 NA <NA> 9128229 NA  
## 281 33144 NA <NA> 9128229 NA  
## 282 7963 NA <NA> 9128229 NA  
## 283 10017 NA <NA> 9128229 NA  
## 284 10022 NA <NA> 9128229 NA  
## 285 43216 NA <NA> 9128229 NA  
## new\_proportion  
## 1 -0.1160630  
## 2 -0.1160630  
## 3 -0.1160630  
## 4 -0.7275893  
## 5 -0.7389365  
## 6 -0.7389365  
## 7 -1.2927644  
## 8 -1.2927644  
## 9 -1.2927644  
## 10 -1.2927644  
## 11 -1.2927644  
## 12 -1.2927644  
## 13 -1.2927644  
## 14 -1.3722902  
## 15 -1.3722902  
## 16 -1.3722902  
## 17 -1.3722902  
## 18 -1.3722902  
## 19 -1.3722902  
## 20 -1.5206359  
## 21 -1.8322123  
## 22 -1.8322123  
## 23 -1.8322123  
## 24 -1.8693364  
## 25 -1.8693364  
## 26 -1.8693364  
## 27 -1.8693364  
## 28 -1.8693364  
## 29 -1.8693364  
## 30 -1.8693364  
## 31 -1.8693364  
## 32 -1.8693364  
## 33 -1.8693364  
## 34 -1.8693364  
## 35 -1.8693364  
## 36 -1.9048222  
## 37 -1.9048222  
## 38 -1.9048222  
## 39 -2.3851851  
## 40 -2.3851851  
## 41 -2.4246986  
## 42 -2.4246986  
## 43 -2.4246986  
## 44 -2.4246986  
## 45 -2.4246986  
## 46 -2.7397699  
## 47 -2.7397699  
## 48 -2.7397699  
## 49 -2.7397699  
## 50 -2.7397699  
## 51 -2.7397699  
## 52 -2.7397699  
## 53 -2.7397699  
## 54 -2.7397699  
## 55 -2.7397699  
## 56 -2.7770668  
## 57 -2.7770668  
## 58 -2.7770668  
## 59 -2.7770668  
## 60 -2.8273032  
## 61 -2.8273032  
## 62 -2.8273032  
## 63 -2.8273032  
## 64 -2.8273032  
## 65 -2.8273032  
## 66 -2.8273032  
## 67 -2.8273032  
## 68 -2.8273032  
## 69 -2.8273032  
## 70 -2.8273032  
## 71 -2.8273032  
## 72 -2.8273032  
## 73 -2.8712256  
## 74 -2.8712256  
## 75 -2.8712256  
## 76 -2.8712256  
## 77 -2.8712256  
## 78 -2.8712256  
## 79 -2.8724581  
## 80 -2.8724581  
## 81 -2.8724581  
## 82 -2.8724581  
## 83 -2.8724581  
## 84 -2.8724581  
## 85 -2.8724581  
## 86 -2.8724581  
## 87 -2.8724581  
## 88 -2.8724581  
## 89 -2.8724581  
## 90 -2.8724581  
## 91 -2.8724581  
## 92 -2.9093019  
## 93 -2.9121740  
## 94 -2.9121740  
## 95 -2.9121740  
## 96 -2.9121740  
## 97 -2.9121740  
## 98 -2.9121740  
## 99 -2.9121740  
## 100 -2.9121740  
## 101 -2.9121740  
## 102 -2.9652775  
## 103 -2.9652775  
## 104 -2.9652775  
## 105 -2.9652775  
## 106 -2.9652775  
## 107 -2.9652775  
## 108 -2.9652775  
## 109 -2.9652775  
## 110 -2.9652775  
## 111 -2.9652775  
## 112 -3.2396922  
## 113 -3.2396922  
## 114 -3.2396922  
## 115 -3.2396922  
## 116 -3.2396922  
## 117 -3.2396922  
## 118 -3.2396922  
## 119 -3.8154019  
## 120 -3.8154019  
## 121 -3.8154019  
## 122 -3.8154019  
## 123 -3.8154019  
## 124 -3.8154019  
## 125 -3.8999260  
## 126 -3.8999260  
## 127 -3.8999260  
## 128 -3.8999260  
## 129 -3.8999260  
## 130 -3.8999260  
## 131 -3.8999260  
## 132 -3.9110910  
## 133 -3.9110910  
## 134 -3.9110910  
## 135 -4.0074340  
## 136 -4.0074340  
## 137 -4.0074340  
## 138 -4.0074340  
## 139 -4.0074340  
## 140 -4.0074340  
## 141 -4.0074340  
## 142 -4.0074340  
## 143 -4.0074340  
## 144 -4.0074340  
## 145 -4.0074340  
## 146 -4.0074340  
## 147 -4.0074340  
## 148 -4.0074340  
## 149 -4.0074340  
## 150 -4.0074340  
## 151 -4.0074340  
## 152 -4.0074340  
## 153 -4.0074340  
## 154 -4.0074340  
## 155 -4.0074340  
## 156 -4.0074340  
## 157 -4.0074340  
## 158 -4.0074340  
## 159 -4.0074340  
## 160 -4.0074340  
## 161 -4.0074340  
## 162 -4.0074340  
## 163 -4.0074340  
## 164 -4.0074340  
## 165 -4.0074340  
## 166 -4.0074340  
## 167 -4.0074340  
## 168 -4.8140962  
## 169 -4.8140962  
## 170 -4.8140962  
## 171 -5.0008183  
## 172 -5.0008183  
## 173 -5.0008183  
## 174 -5.0008183  
## 175 -5.0008183  
## 176 -5.0008183  
## 177 -5.0008183  
## 178 -5.0008183  
## 179 -5.0008183  
## 180 -5.0008183  
## 181 -5.0008183  
## 182 -5.0008183  
## 183 -5.0008183  
## 184 -5.0008183  
## 185 -5.0008183  
## 186 -5.0008183  
## 187 -5.0008183  
## 188 -5.0008183  
## 189 -5.0008183  
## 190 -5.0008183  
## 191 -5.0008183  
## 192 -5.0008183  
## 193 -5.4838015  
## 194 -5.4838015  
## 195 -5.4838015  
## 196 -5.4838015  
## 197 -5.4838015  
## 198 -6.0444683  
## 199 -6.0444683  
## 200 -6.0444683  
## 201 -6.0444683  
## 202 -6.0444683  
## 203 -6.0444683  
## 204 -6.0444683  
## 205 -6.0444683  
## 206 -6.0444683  
## 207 -6.9754301  
## 208 -6.9754301  
## 209 -8.2621025  
## 210 -8.2621025  
## 211 -8.2621025  
## 212 -8.3326828  
## 213 -8.3326828  
## 214 -8.3326828  
## 215 -8.3326828  
## 216 -8.3326828  
## 217 -8.3326828  
## 218 -8.3326828  
## 219 -8.7024532  
## 220 -8.7024532  
## 221 -8.7024532  
## 222 -8.7024532  
## 223 -9.7346535  
## 224 -9.8452261  
## 225 -9.9242807  
## 226 -9.9905144  
## 227 -9.9905144  
## 228 -9.9905144  
## 229 -10.2595287  
## 230 -10.2595287  
## 231 -10.2595287  
## 232 -10.2595287  
## 233 -10.2595287  
## 234 -10.2595287  
## 235 -10.4196681  
## 236 -10.4196681  
## 237 -10.4196681  
## 238 -10.4196681  
## 239 -10.4196681  
## 240 -10.4196681  
## 241 -10.4196681  
## 242 -10.5251349  
## 243 -10.5251349  
## 244 -10.5251349  
## 245 -10.5756437  
## 246 -10.5756437  
## 247 -10.7205374  
## 248 -10.7205374  
## 249 -10.7205374  
## 250 -10.7205374  
## 251 -10.7205374  
## 252 -11.1186385  
## 253 -11.1186385  
## 254 -11.1186385  
## 255 -11.1186385  
## 256 -11.1611921  
## 257 -11.1611921  
## 258 -11.1611921  
## 259 -11.1745769  
## 260 -11.1745769  
## 261 -11.1745769  
## 262 -11.1745769  
## 263 -11.1745769  
## 264 -11.1956773  
## 265 -11.1956773  
## 266 -11.1956773  
## 267 -11.3390503  
## 268 -11.3390503  
## 269 -11.7210537  
## 270 -11.7210537  
## 271 -11.7210537  
## 272 -11.7210537  
## 273 -11.7210537  
## 274 -11.7210537  
## 275 -11.7846718  
## 276 -11.7846718  
## 277 -11.7846718  
## 278 NA  
## 279 NA  
## 280 NA  
## 281 NA  
## 282 NA  
## 283 NA  
## 284 NA  
## 285 NA

states <- map\_data("state")  
us <- ggplot(data = states, mapping = aes(x = long, y = lat, group = group)) +   
 coord\_fixed(1.3) +   
 geom\_polygon(color = "black", fill = "gray")

democratic\_plot <- inner\_join(states, democrats\_new, by = "region")

## Warning: Column `region` joining character vector and factor, coercing into  
## character vector

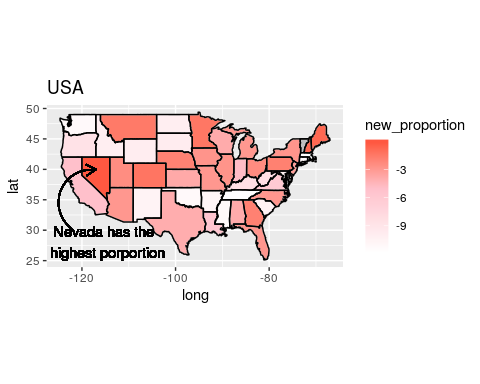
left\_elbow <- us +   
 geom\_polygon(data = democratic\_plot, aes(fill = new\_proportion), color = "white") +  
 geom\_polygon(color = "black", fill = NA) +  
 scale\_fill\_gradient2(low="lightsteelblue1", mid="royalblue1", high="navy", midpoint = -5, na.value = "grey50") + geom\_curve(  
 x = -122, xend = -117, y = 30, yend = 40,  
 arrow = arrow(length = unit(0.3, "cm")),   
 curvature = -0.8  
 ) +geom\_text(  
 x = -115, y = 28,   
 label = "Nevada has the \n highest porportion",  
 colour = "black"  
 )+  
 ggtitle("USA")  
  
left\_elbow



republican\_plot <- inner\_join(states, republicans\_new, by = "region")

## Warning: Column `region` joining character vector and factor, coercing into  
## character vector

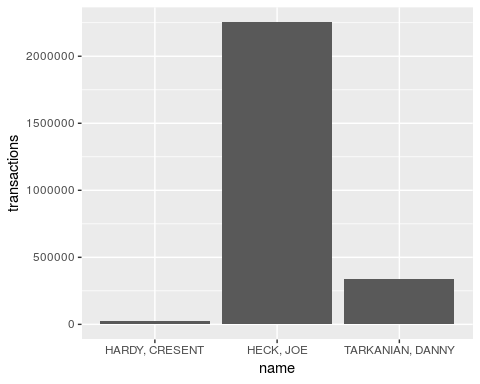
right\_elbow <- us +   
 geom\_polygon(data = republican\_plot, aes(fill = new\_proportion), color = "white") +  
 geom\_polygon(color = "black", fill = NA) + scale\_fill\_gradient2(low="white", mid="pink", high="red", midpoint = -5, na.value = "grey50") + geom\_curve(  
 x = -122, xend = -117, y = 30, yend = 40,  
 arrow = arrow(length = unit(0.3, "cm")),   
 curvature = -0.8  
 ) +geom\_text(  
 x = -115, y = 28,   
 label = "Nevada has the \n highest porportion",  
 colour = "black"  
 )+  
 ggtitle("USA")  
  
right\_elbow



rep\_nv

## ID name party year State order transactions pop  
## 1 H2NV04045 TARKANIAN, DANNY REP 2016 NV 89107 338396 2939254  
## 2 S6NV00218 HECK, JOE REP 2016 NV 89136 2252333 2939254  
## 3 H4NV04017 HARDY, CRESENT REP 2016 NV 89136 26439 2939254  
## region  
## 1 nevada  
## 2 nevada  
## 3 nevada

rep\_nv\_plot<- ggplot(rep\_nv, aes(x = name, y = transactions)) + geom\_bar(stat="identity")  
 #ggplot(aes(rep\_nv, aes(name)))+geom\_bar(aes(stat="identity",x=name))  
rep\_nv\_plot



```