

| STORY COUNTY TOTALS - U.S. REPRESENTATIVE | | | | | | | | | |
|---|--------------------|--------|------------------|--------|---------------------|-------|------------|------|-----------|
| YEAR | REPUBLICAN | VOTES | DEMOCRATIC | VOTES | OTHER** | VOTES | WINNER | DIST | # of DIST |
| 2024 | Randy Feenstra | 21,706 | Ryan Melton | 25,233 | | | Feenstra | 4 | 4 |
| 2022 | Randy Feenstra | 16,015 | Ryan Melton | 19,628 | Bryan Jack Holder | 815 | Feenstra | 4 | 4 |
| 2020 | Randy Feenstra | 20,694 | J.D. Scholten | 28,249 | | | Feenstra | 4 | 4 |
| 2018 | Steve King | 13,474 | J.D. Scholten | 27,569 | Charles Aldrich | 1,178 | King | 4 | 4 |
| 2016 | Steve King | 21,590 | Kim Weaver | 26,405 | | | King | 4 | 4 |
| 2014 | Steve King | 15,385 | Jim Mowrer | 17,128 | | | King | 4 | 4 |
| 2012 | Steve King | 18,493 | Christie Vilsack | 26,161 | Martin James Monroe | 1,042 | King | 4 | 4 |
| 2010 | Tom Latham | 18,921 | Bill Maske | 12,351 | Dan Lensing | 469 | Latham | 4 | 5 |
| 2008 | Tom Latham | 24,469 | Becky Greenwald | 20,309 | | | Latham | 4 | 5 |
| 2006 | Tom Latham | 14,298 | Selden Spencer | 15,331 | | | Latham | 4 | 5 |
| 2004 | Tom Latham | 24,087 | Paul W. Johnson | 18,751 | | | Latham | 4 | 5 |
| 2002 | Tom Latham | 13,745 | John Norris | 13,736 | Terry L. Wilson | 559 | Latham | 4 | 5 |
| 2000 | Jay Marcus | 11,820 | Leonard Boswell | 20,692 | Sue Atkinson | 1,191 | Boswell | 3 | 5 |
| 1998 | Larry McKibben | 10,185 | Leonard Boswell | 14,053 | Charles Connolly | 380 | Boswell | 3 | 5 |
| 1996 | Mike Mahaffey | 14,909 | Leonard Boswell | 15,931 | Dick Kruse | 400 | Boswell | 3 | 5 |
| 1994 | Jim Ross Lightfoot | 12,707 | Elaine Baxter | 11,722 | Derrick Grimmer | 455 | Lightfoot | 3 | 5 |
| 1992 | Jim Ross Lightfoot | 15,460 | Elaine Baxter | 17,362 | Larry Chroman | 1,413 | Lightfoot | 3 | 5 |
| 1990 | (none) | | Neal Smith | 14,055 | | | Smith | 4 | 6 |
| 1988 | Paul Lunde | 9,766 | Neal Smith | 21,098 | | | Smith | 4 | 6 |
| 1986 | Robert Lockard | 8,117 | Neal Smith | 14,310 | | | Smith | 4 | 6 |
| 1984 | Robert Lockard | 16,164 | Neal Smith | 19,643 | | | Smith | 4 | 6 |
| 1982 | Dave Readinger | 9,259 | Neal Smith | 17,637 | | | Smith | 4 | 6 |
| 1980 | Cal Hultman | 11,603 | Tom Harkin | 23,858 | | | Harkin | 5 | 6 |
| 1978 | Julian Garrett | 7,297 | Tom Harkin | 14,831 | | | Harkin | 5 | 6 |
| 1976 | Kenneth Fulk | 8,711 | Tom Harkin | 25,414 | Verlyn Hayes | 257 | Harkin | 5 | 6 |
| 1974 | William Scherle | 8,454 | Tom Harkin | 14,649 | | | Harkin | 5 | 6 |
| 1972 | William Scherle | 12,403 | Tom Harkin | 17,229 | | | Scherle | 5 | 6 |
| 1970 | Don Mahon | 5,996 | Neal Smith | 8,906 | Roy Berger | 529 | Smith | 5 | 7 |
| 1968 | Don Mahon | 10,005 | Neal Smith | 12,520 | | | Smith | 5 | 7 |
| 1966 | Don Mahon | 7,341 | Neal Smith | 8,400 | | | Smith | 5 | 7 |
| 1964 | Benjamin Gibson | 7,408 | Neal Smith | 12,190 | Albert Payne | 82 | Smith | 5 | 7 |
| 1962 | Sonja Egenes | 7,053 | Neal Smith | 7,992 | | | Smith | 5 | 7 |
| 1960 | Floyd Burgeson | 11,282 | Neal Smith | 8,443 | | | Smith | 5 | 8 |
| 1958 | Paul Cunningham | 8,128 | Neal Smith | 5,136 | | | Smith | 5 | 8 |
| 1956 | Paul Cunningham | 11,636 | William Denman | 6,706 | | | Cunningham | 5 | 8 |
| 1954 | Paul Cunningham | 7,403 | James McLaughlin | 3,323 | | | Cunningham | 5 | 8 |
| 1952 | Paul Cunningham | 11,719 | Alvin Meyer | 4,792 | | | Cunningham | 5 | 8 |
| 1950 | Paul Cunningham | 6,773 | Gibson Holliday | 3,303 | | | Cunningham | 5 | 8 |
| 1948 | Paul Cunningham | 8,134 | Vince Browner | 4,363 | | | Cunningham | 5 | 8 |
| 1946 | Paul Cunningham | 4,385 | Vince Browner | 2,098 | | | Cunningham | 5 | 8 |
| 1944 | Paul Cunningham | 7,130 | Ralph Lynch | 4,333 | Betty Ann Paddock | 63 | Cunningham | 5 | 8 |
| 1942 | Paul Cunningham | 5,152 | E. Frank Fox | 2,147 | | | Cunningham | 5 | 8 |
| 1940 | Paul Cunningham | 7,451 | E. Frank Fox | 4,858 | | | Cunningham | 6 | 9 |
| 1938 | Cassius Dowell | 5,041 | Hubert Utterback | 3,369 | | | Dowell | 6 | 9 |
| 1936 | Cassius Dowell | 5,967 | Harry Dunlap | 5,596 | | | Dowell | 6 | 9 |
| 1934 | Cassius Dowell | 4,185 | Hubert Utterback | 5,592 | | | Utterback | 6 | 9 |
| 1932 | Cassius Dowell | 6,622 | Charles Cooter | 3,820 | | | Dowell | 6 | 9 |
| 1930 | Cassius Dowell | 2,840 | Carl Evans | 636 | | | Dowell | 7 | 11 |
| 1928 | Cassius Dowell | 7,601 | (none) | | | | Dowell | 7 | 11 |
| 1926 | Cassius Dowell | 3,460 | William Wade | 558 | | | Dowell | 7 | 11 |
| 1924 | Cassius Dowell | 6,446 | William Wade | 1,478 | | | Dowell | 7 | 11 |
| 1922 | Cassius Dowell | 2,892 | Winfred Robb | 2,326 | Charles Gay | 94 | Dowell | 7 | 11 |
| 1920 | Cassius Dowell | 8,402 | (none) | | Charles Gay | 32 | Dowell | 7 | 11 |
| 1918 | Cassius Dowell | 2,580 | H.C. Evans | 669 | Charles Gay | 15 | Dowell | 7 | 11 |
| 1916 | Cassius Dowell | 3,469 | H.C. Evans | 1,322 | | | Dowell | 7 | 11 |
| 1914 | Cassius Dowell | 1,930 | John Mulvaney | 708 | John Holmes | 602 | Dowell | 7 | 11 |
| 1912 | S.F. Prouty | 2,385 | Clint Price | 997 | George White | 1,112 | Prouty | 7 | 11 |
| 1910 | S.F. Prouty | 2,714 | Clint Price | 855 | William Wilson | 43 | Prouty | 7 | 11 |
| 1908 | John Hull | 3,122 | Charles Holly | 1,246 | Ira Kellogg | 219 | Hull | 7 | 11 |
| 1906 | John Hull | 2,351 | J.N. Smith | 646 | John Johns | 173 | Hull | 7 | 11 |
| 1904 | John Hull | 3,678 | John Mulvaney | 983 | E.E. Bennet | 230 | Hull | 7 | 11 |
| 1902 | John Hull | 2,339 | Parley Sheldon | 984 | J.D.C. McFarland | 160 | Hull | 7 | 11 |
| 1900 | John Hull | 3,998 | George Crozier | 1,355 | D.S. Grossman | 219 | Hull | 7 | 11 |
| 1898 | John Hull | 2,676 | Charles Holly | 987 | Thomas Orwig | 89 | Hull | 7 | 11 |
| 1896 | John Hull | 3,579 | (none) | | Frank Evans | 1,668 | Hull | 7 | 11 |
| 1894 | John Hull | 2,861 | J.R. Barcroft | 991 | | | Hull | 7 | 11 |
| 1892 | John Hull | 2,788 | Joseph Dyer | 1,319 | Ed Ott | 117 | Hull | 7 | 11 |
| 1890 | John Hull | 2,285 | H.C. Hargis | 1,064 | | | Hull | 7 | 11 |
| 1888 | Edwin Conger | 2,418 | A.E. Morrison | 1,051 | J.A. Nash | 1,051 | Conger | 7 | 11 |
| 1886 | Edwin Conger | 1,937 | W.L. Carpenter | 1,087 | | | Conger | 7 | 11 |

**Leading vote-getter among third-party candidates, where known