

VEST IA 2016 Dem Caucus

State: Iowa - Democratic Caucus Results
Organization: Voting and Election Science Team (VEST)
Summary of Races included: President
Date File Updated: 5/6/2021
Date Report Updated: 5/6/2021

RDH Criteria	
<p>Is all raw data available?</p> <p>Yes - with exception of raw caucus results which was found elsewhere</p>	<p><u>Accessible files:</u></p> <ul style="list-style-type: none"> ● VEST Data File <ul style="list-style-type: none"> ○ Accessed 5/4/21, Source VEST ○ https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/NH5S2I ● Raw Caucus Results <ul style="list-style-type: none"> ○ Accessed 5/5/21, Source: Democracy in Action ○ http://www.p2016.org/chrniowa/caucusresultsrxn.html ○ Note: Not the source that VEST cites ● Precincts041714.shp - Iowa Sec of State shapefile <ul style="list-style-type: none"> ○ Accessed 5/4/21, Source: Iowa Secretary of State ○ https://sos.iowa.gov/shapefiles/ ○ Note: To access, click "Statewide Precinct Layer" <p><u>Inaccessible files:</u></p> <ul style="list-style-type: none"> ● VEST's cited source for caucus results data <ul style="list-style-type: none"> ○ http://iowademocrats.org/final-precinct-results-for-2016-iowa-democratic-party-caucuses/ ○ Link broken, caucus data was found at another source listed above
<p>Processing steps available?</p> <p>Yes</p>	<p><u>Description of processing steps:</u></p> <ul style="list-style-type: none"> ● VEST's documentation: <ul style="list-style-type: none"> ○ The Iowa Democratic Party did not report individual vote tallies for the 2016 Iowa caucuses. The caucus results are State Delegate Equivalents that represent the number of state convention

delegates that the candidates received based on the caucus results. The SDE figures are multiplied by 100 following the standard practice of the Associated Press since precinct-level SDE figures are provided as very small fractions in the actual caucus reports.

- The precinct results do not include the state delegates awarded via satellite locations for participants with hardship exceptions or via tele-caucus for voters abroad. The satellite locations awarded 2 state delegates to Hillary Clinton and 1 state delegate to Bernie Sanders. The tele-caucus awarded 1 state delegate to Hillary Clinton and 1 state delegate to Bernie Sanders.
- The following precincts were merged to match the 2016 caucus results:
 - Appanoose: Udell/Union
 - Black Hawk: Cedar Falls W2P2/Cedar Falls Twp
 - Des Moines: Burlington 1/Tama, Burlington 8/Concordia
 - Fremont: Hamburg/Washington, Farragut/Shenandoah1
 - Polk: Grimes 2/Urbandale 12

Information not in their processing steps:

- The source from which the raw data was downloaded also posted documentation:
 - Marion County, Knoxville 3 Precinct:
 - Reported As: 5 county convention delegates for Clinton, 4 county convention delegates for Sanders
 - Confirmed As: 4 county convention delegates for Clinton, 5 county convention delegates for Sanders
 - Net Change: Sanders gains 0.13 state delegate equivalents (SDEs); Clinton loses 0.13 SDEs_
 - Woodbury County, 43 Oto/Oto Township Precinct:
 - Reported As: 1 county convention delegate for Clinton
 - Confirmed As: 1 county convention delegate for Sanders
 - Net Change: Sanders gains 0.15 SDEs, Clinton loses 0.15 SDEs
 - Osceola County, Ashton Precinct:
 - Reported As: 3 county convention delegates for O'Malley, 4 county convention delegates for Sanders
 - Confirmed As: 4 county convention delegates for O'Malley, 3 county convention delegates for Sanders
 - Net Change: O'Malley gains 0.0167 SDEs, Sanders loses 0.0167 SDEs
 - Story County, Sherman Township Precinct:
 - Reported As: 1 county convention delegate for Sanders

	<ul style="list-style-type: none"> ■ Confirmed As: 1 county convention delegate for Clinton ■ Net Change: Clinton gains 0.23 SDEs, Sanders loses 0.23 SDEs ○ Poweshiek County, 1st Ward Grinnell: <ul style="list-style-type: none"> ■ Reported As: 18 county convention delegates for Sanders, 8 county convention delegates for Clinton ■ Confirmed As: 19 county convention delegates for Sanders, 7 county convention delegates for Clinton ■ Net Change: Sanders gains 0.072 SDEs, Clinton loses 0.072 SDEs
<p>Able to replicate joining election data and shapefiles?</p> <p>Yes</p>	<ul style="list-style-type: none"> ● Yes, there were 6 more precincts in the raw shapefile data than in the election results, however 2 election result precincts were redundant summaries, and the 8 shapefiles precincts combined in the way described in the VEST documentation result in the same number of precincts as the raw data. ● In the final cell of the notebook, a comparison of the precinct name changes the two files underwent to merge with VEST is printed. Most changes in naming conventions were minor, but some were substantial.
<p>Able to replicate joining demographic data to block-level shapefiles?</p> <p>N/A</p>	<p>There is no demographic data on the file.</p>
<p>Able to replicate joining boundary data?</p> <p>N/A</p>	<p>There is no boundary data on the file.</p>

redistricting ... data hub

Successfully
validated
election
results?

Yes

Election results:

- All 1681 precincts' election results matched those of the raw shapefile.

Geographies:

- 1645 out of 1681 precincts shapefiles match exactly
- The remaining 36 precincts have shapefiles differences of less than 0.1 km².