

VEST IA 2016

State: Iowa
Organization: Voting and Election Science Team (VEST)
Summary of Races included: President, U.S. Senate
Date File Updated: 5/4/2021
Date Report Updated: 5/4/2021

RDH Criteria	
<p>Is all raw data available?</p> <p>Yes</p>	<p><u>Accessible files:</u></p> <ul style="list-style-type: none"> ● VEST Data file <ul style="list-style-type: none"> ○ Date accessed: 5/4/2021, Source: VEST ○ https://dataverse.harvard.edu/dataverse/electionscience/?q=vt_2018 ● IA Election Data <ul style="list-style-type: none"> ○ Date accessed: 5/4/2021, Source IA Secretary of State ○ https://sos.iowa.gov/elections/results/index.html ● IA Precinct Shapefile Precincts041714.shp - IA Secretary of State <ul style="list-style-type: none"> ○ Date accessed: 5/4/2021, Source IA Secretary of State ○ https://sos.iowa.gov/shapefiles/
<p>Processing steps available?</p> <p>Yes</p>	<p><u>Description of processing steps:</u></p> <ul style="list-style-type: none"> ● From VEST's documentation: <ul style="list-style-type: none"> ○ "Election results from IA Secretary of State: https://sos.iowa.gov/elections/results/index.html ○ Precinct shapefile from IA Secretary of State: https://sos.iowa.gov/shapefiles/ ○ The following precincts were merged to match the 2016 election reports: <ul style="list-style-type: none"> ■ Appanoose: Udell/Union ■ Black Hawk: Cedar Falls W2P2/Cedar Falls Twp ■ Des Moines: Burlington 1/Tama, Burlington 8/Concordia ■ Dickinson: Precinct 6/Precinct 7 ■ Fremont: Hamburg/Washington, Farragut/Shenandoah1

	<p>■ <i>Polk: Grimes 2/Urbandale 12</i></p>
<p>Able to replicate joining election data and shapefiles?</p> <p>Yes</p>	<p>There were 1689 unique precincts in the raw shapefile, and only 1680 in the raw election results. However, all of the raw election result precincts were able to be mapped to either one raw precinct or the combination of raw precincts, thus resolving the difference in total shapefiles.</p>
<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>
<p>Successfully validated election results?</p> <p>Yes</p>	<p><u>Election results:</u></p> <ul style="list-style-type: none"> • All 1680 precincts' election results matched those of the raw shapefile. <p><u>Geographies:</u></p> <ul style="list-style-type: none"> • 1644 out of 1680 precincts shapefiles match exactly • The remaining 36 precincts have shapefiles differences of less than 0.1 km².