

VEST RI 2016

Election Results Validation Report

To request a full validation report for this data file, email info@redistrictingdatahub.org

State: Rhode Island
Organization: Voting and Election Science Team (VEST)
Summary of Races included: Presidential [General]
Date File Updated: 06/09/2021
Date Report Updated: 07/28/2021
RDH Validation Code (Github):
<https://github.com/nonpartisan-redistricting-datahub/pdv-ri/tree/main/vest-ri-2016>

RDH Criteria	Explanation
<p>Is all raw data available?</p> <p>Yes</p>	<p><u>Accessible files:</u></p> <ul style="list-style-type: none"> ● Election results <ul style="list-style-type: none"> ○ Date accessed: 07/22/2021, Source: Rhode Island Board of Elections ○ https://www.ri.gov/election/results/2016/general_election/data/ ○ Notes: 'Long Format' file is used, 'rigen2016l.asc' ● Data description file <ul style="list-style-type: none"> ○ Date accessed: 07/22/2021, Source: Rhode Island Board of Elections ○ https://www.ri.gov/election/results/2016/general_election/data/ ○ Notes: this file is not necessary to run the notebook, but provides background info for the .asc file, '20160902_data_description.pdf' ● VEST RI 2016 Data File <ul style="list-style-type: none"> ○ Accessed: 07/22/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4789391&version=64.0 ● VEST 2016 Documentation <ul style="list-style-type: none"> ○ Accessed: 07/28/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4931775&version=63.0 ● 2020 Redistricting Data Program final release <ul style="list-style-type: none"> ○ Date accessed: 07/28/2021, Source: U.S. Census Bureau ○ https://www.census.gov/geo/partnerships/pvs/partnership20v2/st44_ri.html

	<ul style="list-style-type: none"> o Note: not downloading the files for the election results validation, as they are available from the Census.
<p>Election results validated for every candidate statewide?</p> <p>Yes</p>	<p>At the statewide total level, the election results matched VEST's.</p>
<p>Election results validated for every candidate by county?</p> <p>Yes</p>	<p>At the county total level, the election results matched VEST's with the exception of two counties being off by 1 vote</p> <ul style="list-style-type: none"> - North Kingstown has a difference of 1 (Source: 240, VEST: 239) - Scituate has a difference of 1 (Source: 77, VEST: 78) <p>The totals, however, still match up. This difference of 1 is likely a result of distributing votes on federal level after distributing on county level - which produces more accurate precinct-by-precinct level vote allocation, but may have led to inaccurate distribution of votes on federal district level.</p>
<p>Election results validated for every candidate by precinct?</p> <p>Yes</p>	<p>At the precinct level, the election results matched VEST's in 392 out of 420 precincts. The 28 precincts with differences had a maximum vote difference of 1, which could be attributed to VEST's specific methodology and rounding for vote allocation.</p> <p>There were also two zero-vote precincts in VEST's file that did not appear in the election results file.</p> <p>No precincts name changes were required - precinct ID's were used.</p>