

VEST TN 2016

Election Results Validation Report

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

State: Tennessee

Organization: Voting and Election Science Team (VEST)

Summary of Races included: Presidential [General Election]

Date File Updated: 08/25/2021

Date Report Updated: 09/30/2021

RDH Validation Code (Github):

<https://github.com/nonpartisan-redistricting-datahub/pdv-tn/tree/main/vest-tn-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"> ● TN Precinct-level Election Results <ul style="list-style-type: none"> ○ Date accessed: 09/13/2021, Source: TN Secretary of State ○ https://sos.tn.gov/elections/results#2016 ○ Note: Selected and downloaded 'Results by Precinct Spreadsheet'. ● VEST TN 2016 Data File <ul style="list-style-type: none"> ○ Accessed: 09/13/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=5007731&version=69.0 ● VEST TN 2016 Documentation <ul style="list-style-type: none"> ○ Accessed: 09/13/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=5194699&version=69.0 ● TN Precinct Shapefiles <ul style="list-style-type: none"> ○ Accessed: 08/26/2021, Source: TN Comptroller's Office ○ Note: Reached out to TN Comptroller's office for access. File available by request. ● TN Voter Precinct Maps <ul style="list-style-type: none"> ○ Accessed: 08/17/2021, Source: TN Comptroller of the Treasury ○ https://comptroller.tn.gov/search-results.html?q=current+voter+precinct+map <p><u>Inaccessible files:</u></p>

	<ul style="list-style-type: none"> • TN Voter Precinct Maps (McNairy County) <ul style="list-style-type: none"> ◦ Note: Voter Precinct Map for McNairy County was unavailable. A copy of McMinn County Map was provided as McNairy County Map. We have reached out to TN SOS to notify them of the missing item.
<p>Election results validated for every candidate statewide?</p> <p>Yes</p>	<p>At the statewide total level, the election results matched VEST's. The totals also matched those of Tennessee's election summary report (https://sos-tn-gov-files.s3.amazonaws.com/PresidentbyCountyNov2016.pdf).</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. The county totals also matched those of Tennessee's election summary report (https://sos-tn-gov-files.s3.amazonaws.com/PresidentbyCountyNov2016.pdf).</p>
<p>Election results validated for every candidate by precinct?</p> <p>Yes</p>	<p>At the precinct level, the election results did not match VEST's (1912 out of 1985 precincts matched). The average difference between election results and VEST was 1 vote and no precinct result had a difference greater than 10.</p> <p>The precincts with differences were all in Davidson and Wilson Counties. The differences in Davidson County all occurred for write-in votes and the ones in Wilson County occurred for candidates Trump, Johnson, Clinton, and Kennedy, and write-in votes. These two counties contained a significant number of absentee votes to allocate, and the differences likely stem from rounding methods in allocating these votes.</p>