VEST SC 2016

Election Results Validation Report

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

State: South Carolina
Organization: Voting and Election Science Team (VEST)
Summary of Races included: Presidential, U.S. Senate [General]
Date File Updated: 06/28/2019
Date Report Updated: 09/09/2021
RDH Validation Code (Github):
https://github.com/nonpartisan-redistricting-datahub/pdv-sc/tree/main/vest-sc-2016

RDH Criteria	Explanation
Is all raw data available? No	<u>Accessible files:</u> ● Election Results 　○ Date accessed: 07/26/2021, Source: South Carolina State Election Commission 　○ https://www.enr-scvotes.org/SC/64658/184701/en/select-county.html 　○ Notes: There's an individual file for every county, in an .xls format. To download, select the county name from above link, then click on the "Reports" tab and download detailxls.zip. Repeat for every county. These will need to be opened in an excel-like program to extract the sheets with required races (Presidential, Senate) manually - Sheets 3 and 4 have the election results for Presidential and Senate races respectively, which need to be exported into a .csv format. ● VEST SC 2016 Data File 　○ Accessed: 08/18/2021, Source: VEST on the Harvard Dataverse 　○ https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/NH5S2I/Y3OFQZ&version=66.0 ● VEST SC 2016 Documentation 　○ Accessed: 08/18/2021, Source: VEST on the Harvard Dataverse 　○ https://dataverse.harvard.edu/file.xhtml?fileId=4986638&version=66.0

	Inaccessible files: ● SC Precinct Shapefile 　○ Note: Emailed Victor Frontroth from the Mapping Section of the South Carolina Revenue and Fiscal Affairs Office on 09/09 but we have not heard back yet.
Election results validated for every candidate statewide? **Yes**	At the statewide total level, the election results matched VEST's. The totals also matched those of South Carolina's election summary report (https://www.enr-scvotes.org/SC/64658/184701/en/summary.html)
Election results validated for every candidate by county? **Yes**	At the county total level, the election results matched VEST's. While the South Carolina Election Committee does not have readily available county-by-county candidate totals, Politico has these results for both presidential and senate races. The county totals mostly matched those of Politico's election summary report, however Politico's totals are slightly lower most likely due to a different source of raw data. (https://www.politico.com/2016-election/results/map/president/south-carolina/, select Senate tab for senate race)
Election results validated for every candidate by precinct? **Yes**	At the precinct level, the election results matched VEST's (1531 out of 2232 precincts matched). Only 4 precincts have a vote difference of larger than 1, namely: Cowards No. 1 in county 041 Cowards No. 2 in county 031 St. Paul in county 085 St. John in county 085 For these precincts, the vote counts seem to be swapped between Cowards No. 1 and Cowards No. 2, as well as St. Paul and St. John - as the source votes for one match with VEST votes for another. This swap makes sense from a typo perspective, as both pairs have similar names and are located within the same

counties. Furthermore, all other precincts have a max difference of 1 vote attributed to vote allocation differences.

Name changes were required in 49 precincts, and one precinct was dropped due to being a repeat with zero votes.