VEST KS 2016

Election Results Validation Report

State: Kansas
Organization: Voting and Election Science Team (VEST)
Summary of Races included: Presidential, U.S. Senate [General]
Date File Updated: 5/26/2021
Date Report Updated: 9/13/2021
RDH Validation Code (Github):
https://github.com/nonpartisan-redistricting-datahub/pdv-ks/tree/master/vest-ks-2016

RDH Criteria	Explanation

Is all raw data available?
 	
No
	<u>Accessible files:</u>
	● 2020 Redistricting Data Program Phase 2 release
	   ○ Date accessed: 9/7/2021, Source: U.S. Census Bureau
	   ○ https://www.census.gov/geo/partnerships/pvs/partnership20v2/st20_ks.html
	● Precinct Level Election Results, 2016
	   ○ Date accessed: 9/7/2021, Source: KS Secretary of State
	   ○ https://sos.ks.gov/elections/elections-results.html
	   ○ Note: Wyandotte, Johnson, Sedgwick and Shawnee counties are omitted from these precinct-level results. Also, VEST says that they used Open Elections for all election results, and not this file.
	● Precinct Level Election results for Wyandotte, Johnson, Sedgwick, and Shawnee Counties, 2016
	   ○ Date accessed: 9/7/2021, Source: OpenElections
	   ○ https://github.com/openelections/openelections-data-ks/tree/master/2016/counties
	● VEST Kansas 2016 Data File
	   ○ Accessed: 9/7/2021, Source: VEST on the Harvard Dataverse
	   ○ https://dataverse.harvard.edu/file.xhtml?fileId=4749662&version=67.0
	● VEST Kansas 2016 Documentation
	   ○ Accessed: 9/7/2021, Source: VEST on the Harvard Dataverse

- https://dataverse.harvard.edu/file.xhtml?fileId=5007728&version=67.0

Inaccessible files:

- Geary County Shapefile
  - https://www.gearycounty.org/1312/Polling-Locations
  - Notes: selected 'Voter Precinct Map (PDF)' on the left. There is not a shapefile available for download on the website.
- Johnson County Shapefile
  - https://jocoelection.org/maps
  - Notes: under 'Online Available Maps', select 'Johnson County City Wards and Voting Precincts'. There is not a shapefile available for download on the website.
- Riley County Shapefile
  - https://www.rileycountyks.gov/145/Riley-County-Voting-District-Maps
  - Notes: there is not a shapefile available for download on the website.

Election results validated for every candidate statewide?

No

At the statewide total level, the election results did not match VEST's. The totals also did not match those of Kansas' election summary report (https://www.sos.ks.gov/elections/16elec/2016_General_Election_Official_Results.pdf).

Election Name	RDH Total	Partner Data Total	SOS Total
G16PREOTH	16,422	16,750	7,197
G16USSOTH	619	619	46

The source for the RDH votes for most of the Other presidential results are from OpenElections, which is the same for VEST. However, the SOS does not report as many Other votes. Since the SOS does not provide the precinct-level election results for 4 large counties in the state (Johnson, Sedgwick, Shawnee, and Wyandotte), we cannot validate the Other votes.

The election results for all other Presidential and U.S. Senate candidates did match the SOS totals.

Election results validated for

At the county total level, the election results did not match VEST's. Kansas does not provide a county level election summary report to compare these results to.

every candidate by county?	The election results only did not match for the G16PREOTH field, with differences only in Miami, Shawnee, and Sumner counties of 24, 341 and -37 votes respectively (VEST totals minus our totals).
No	