

VEST DE 2020

Election Results Validation Report

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

State: Delaware

Organization: Voting and Election Science Team (VEST)

Summary of Races included: Presidential, U.S. Senate, U.S. House At Large, Governor, Lieutenant Governor, Insurance Commissioner [General]

Date File Updated: 6/28/2021

Date Report Updated: 7/28/2021

RDH Validation Code (Github):

<https://github.com/nonpartisan-redistricting-datahub/pdv-de/tree/main/vest-de-2020>

RDH Criteria	Explanation
<p>Is all raw data available?</p> <p>No</p>	<p><u>Accessible files:</u></p> <ul style="list-style-type: none"> ● Precinct-level shapefile <ul style="list-style-type: none"> ○ Date accessed: 7/1/2021, Source: Secretary of State ○ https://opendata.firstmap.delaware.gov/datasets/delaware-election-boundaries/explore?location=39.144386%2C-75.386594%2C9.23 ○ Notes: selected 'Download', 'Shapefile', 'Download available data'. ● VEST DE 2020 Data File <ul style="list-style-type: none"> ○ Accessed: 6/29/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4773531&version=12.0 ● VEST DE 2020 Documentation <ul style="list-style-type: none"> ○ Accessed: 6/29/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4773529&version=9.0 <p><u>Inaccessible files:</u></p> <ul style="list-style-type: none"> ● Precinct-level election results <ul style="list-style-type: none"> ○ Notes: VEST gives a source link for election results (https://elections.delaware.gov/archive/elect20/elect20_election_ind_ex.shtml), but when we select 'Election Districts' and then 'Download CSV Report', the csv does not have results by precinct. We reached out to the Department of Elections (302-739-4277) and spoke with Catherine Sheehan, who emailed us the precinct/election-district level file on 7/2/2021.

<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 Delaware's election summary report (https://elections.delaware.gov/results/html/index.shtml?electionId=GE2020#electionReport3).</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 all but one precinct (432 out of 433 precincts with votes).</p> <p>We performed the vote distribution for the county-wide votes as VEST described, and without performing the merges they describe, the election results match in all precincts with votes.</p> <p>There is one precinct where the SOS results are reported at a precinct that does not exist on the shapefile: 18-02 in New Castle County. VEST assigned this precinct to precinct 14-12 in New Castle County. 18-02 only had 1 vote for Biden across all races. In our notebook, 14-12 is the one precinct with a vote difference (of 1 vote in the Biden race), as we did not assign this vote from 18-02.</p>