

VEST IL 2020

Election Results Validation Report

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

State: Illinois
Organization: Voting and Election Science Team (VEST)
Summary of Races included: Presidential, U.S. Senate [General]
Date File Updated: 6/30/2021
Date Report Updated: 07/27/2021
RDH Validation Code (Github):
<https://github.com/nonpartisan-redistricting-datahub/pdv-il/tree/master/vest-il-2020>

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"> ● 2020 Redistricting Data Program final release <ul style="list-style-type: none"> ○ Date accessed: 07/01/2021, Source: U.S. Census Bureau ○ https://www.census.gov/geo/partnerships/pvs/partnership20v2/st17_i.html ○ Note: We did not check shapefiles using this file, but used it to construct a county-map to check VEST’s county assignments for the election results validation. ● Precinct Level Election results, 2020 <ul style="list-style-type: none"> ○ Date accessed: 07/01/2021, Source: Secretary of State ○ https://www.elections.il.gov/ElectionOperations/ElectionVoteTotalsPrecinct.aspx?ID=8ehOy1ltjqo%3d&T=637607567723378235 ● VEST IL 2020 Data File <ul style="list-style-type: none"> ○ Accessed: 07/01/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4773525&datasetVersionId=251765 ● VEST IL 2020 Documentation <ul style="list-style-type: none"> ○ Accessed: 07/01/2021, Source: VEST on the Harvard Dataverse ○ https://dataverse.harvard.edu/file.xhtml?fileId=4863160&datasetVersionId=251765

<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 the Illinois election summary report (https://www.elections.il.gov/ElectionOperations/ElectionVoteTotals.aspx?ID=LRZfHKfi8HQ%3d&OfficeType=%2brBqro%2b%2bHTUkQvv7Q1tDdQ%3d%3d&T=637613526973685409).</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 STATE's election summary report (https://www.elections.il.gov/ElectionOperations/DownloadVoteTotals.aspx?T=637629843791717739 - choose "2020" and click "2020GEOfficialVote.PDF" under "Candidate Totals by County").</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 (10077 out of 10081 precincts). The four precincts that did not match contained differences of 1 vote each, which appears to be caused by differences in rounding when allocating absentee votes.</p> <p>There were also 2 zero-vote precincts in VEST's election results that were not in the election results and thus unable to be joined.</p> <p>Over 6000 precincts required slight name modifications to match VEST's naming convention.</p>