

MEMORANDUM

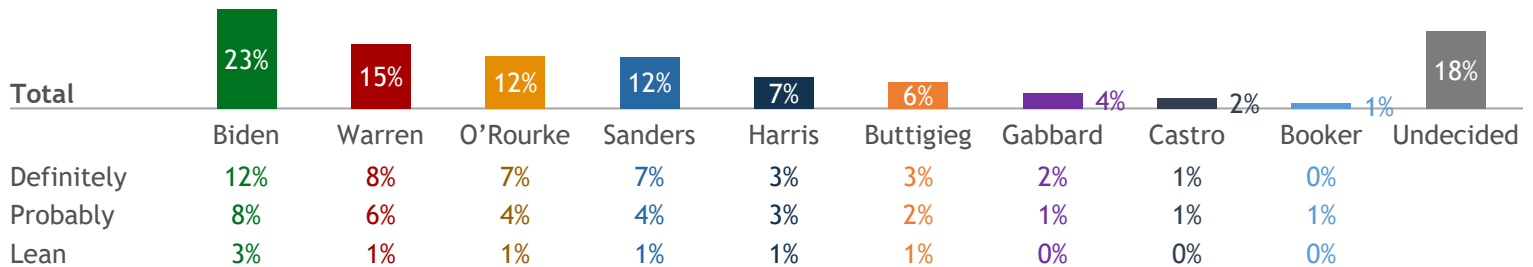
TO: INTERESTED PARTIES
FROM: CHRIS PERKINS - PARTNER - RAGNAR RESEARCH
SUBJECT: Democratic Primary Voters - Texas Statewide Survey
DATE: September 10, 2019

Methodology

Ragnar Research conducted a poll of 600 likely Democratic Primary Voters (DPVs) across Texas. Interviews were conducted September 3 through September 5, 2019 by telephone, including landlines (35%) and cell phones (65%). Quotas on age, gender, ethnicity, region, and education were used to ensure a representative distribution. The study's margin of error is $\pm 3.9\%$.

Biden Leads the Presidential Field in Texas

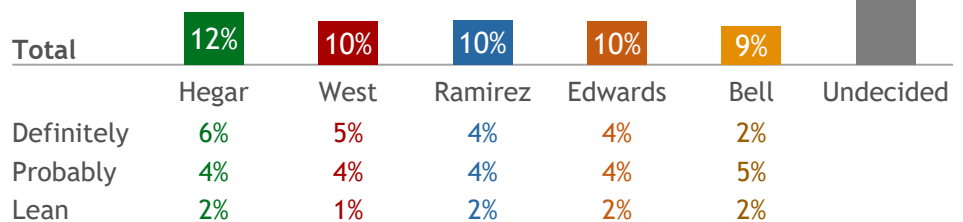
Roughly 1 in 4 voters currently choose Biden for the Presidential nominee. He leads the next closest candidate, Warren, by eight points.



There Is No Clear Democratic Primary Front Runner For U.S. Senate

The ballot share across all candidates for U.S. Senate is statistically the same. Each receives roughly 1 in 10 votes.

At this time, the leader is "undecided" with 49% of the Democratic electorate.

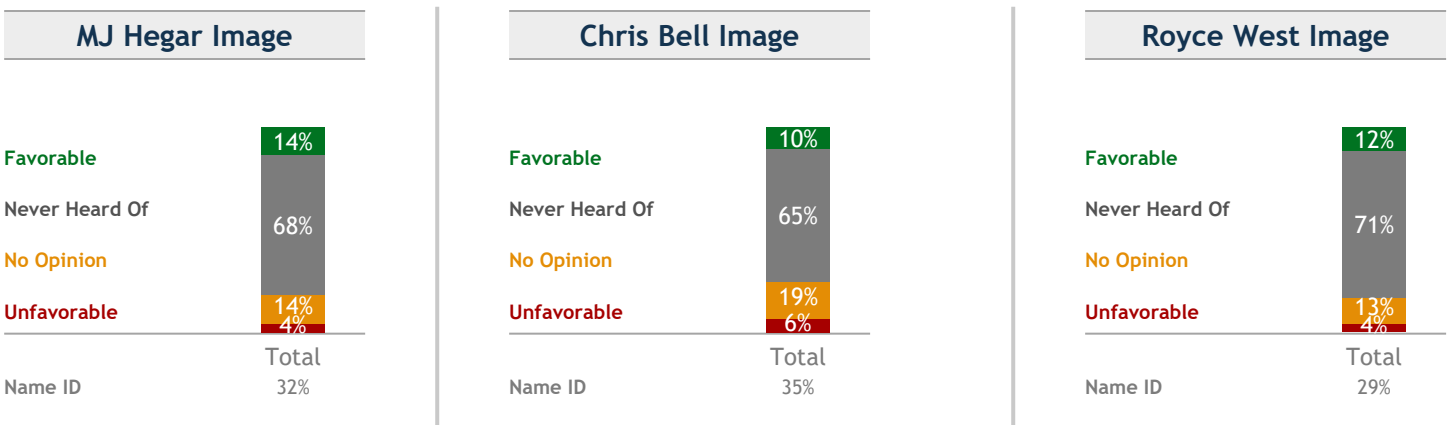


Hegar, West and Bell All Have Limited Name ID

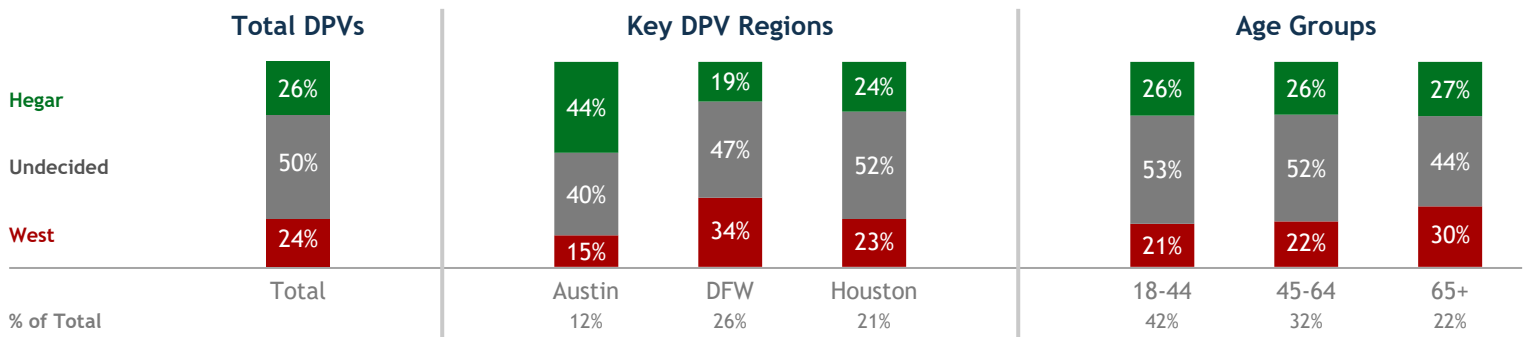
Hegar has low name ID, with only 1 in 3 DPVs aware of her (32%). Voters are just as likely to have no opinion of her (14%) as they are to view her favorably (14%). This is reflected on both head to head ballots tested.

Similarly, Chris Bell has only 32% name ID, while Royce West has 29% name ID. Each has some regional name ID in their respective home bases, Hegar in Austin (62%), West in Dallas (43%) and Bell in Houston (53%), but none break higher than 40% name ID with statewide DPVs.

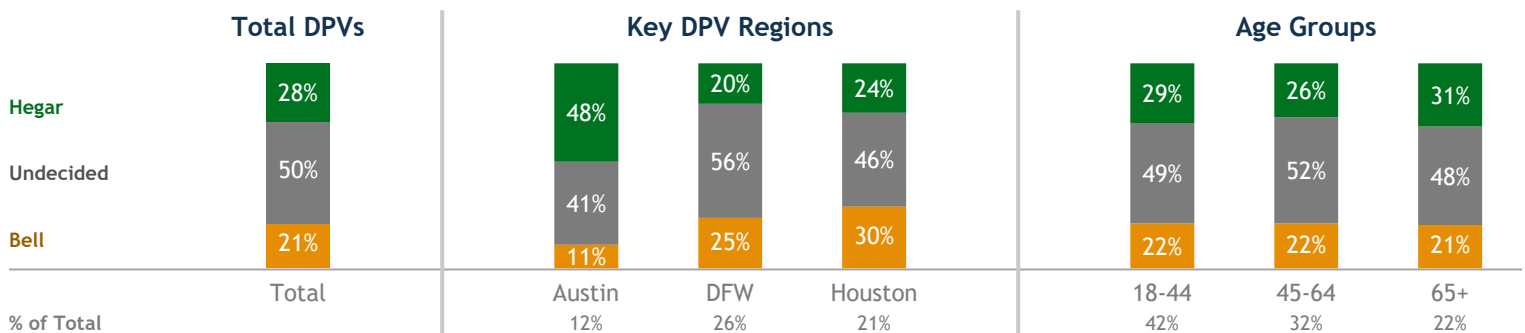
Hegar has a small lead of +2% against West in a hypothetical head-to-head match-up by a 26%-24% margin. Her lead against Bell is +7% by a 28%-21% margin. In both cases, “undecided” is the leader, taking 50% in each head-to-head match up.



Head To Head Senate Ballot: Hegar v West



Head To Head Senate Ballot: Hegar v Bell



Conclusion

The race for the Democrat Presidential nomination in Texas shows Biden as the front runner, but at only 23%, there's plenty of room for others to gain.

There is no clear front runner for the U.S. Senate race in Texas. Each candidate tested receives roughly 1 in 10 votes from DPVs, with nearly half still undecided (49%).

Each individual candidate for the Democrat nomination for U.S. Senate has some limited regional strengths, but to date no one is breaking through based on the fact that 49% of DPVs are undecided. Comparatively, only 18% of DPVs are undecided in the Presidential nomination. The Democrat nomination for U.S. Senate is anyone's race.

About Chris Perkins

Chris Perkins is an expert in quantitative and qualitative analysis having conducted and analyzed survey data for over a decade on behalf of Republican candidates, University's, trade associations and Fortune 500 companies. Perkins is considered one of the top public opinion experts in the United States and has been cited as among the most accurate pollsters in the country.

In the 2010 - 2018 election cycles, Perkins polled for nearly one hundred winning Republican candidates for the State Legislature, US House of Representatives, US Senate, Governor and other statewide offices. Perkins has conducted public opinion research in Arizona, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, Nevada, New Hampshire, Ohio, South Carolina, Tennessee, Texas, Virginia, Washington and Wisconsin

In Texas, Perkins was named the top pollster by Capitol Inside's bi-partisan "Texas Power Consultants" rankings for five consecutive election cycles, and is widely recognized to have been the most accurate pollster conducting surveys in Texas since 2010.