## PLURAL VOTE POLL SHOWS V.A. RACE TO BE A NAILBITER; DEMOCRAT RALPH NORTHAM HOLDS SLIM 3-POINT LEAD WITH LIKELY VOTERS

According to Plural Vote's mixed-mode survey released today, conducted between October 15th and October 25th, 2017, Democratic Lt. Gov. Ralph Northam holds a 3-point lead, 49-46 percent, with likely voters in Virginia's governor's race over Republican Ed Gillespie. Northam captures a plurality of the vote with 49 percent, and is buoyed by double-digit support from women and strong support from those under 45 years of age. That being said, this poll shows that this race will go down to the wire, since Northam's 3-point over Gillespie is well within the margin of error of $\pm 4.9$ percentage points implicit in a poll with a sample size of 397 respondents. Libertarian party Candidate Cliff Hyra garners 5 percent of the vote in our survey.

Northam holds a 12-point lead over Republican Ed Gillespie with women voters, by a margin of 55-43 percent. Gillespie makes up for part of this double-digit deficit with his 7-point lead with male voters, 49-43 percent. Third-party candidate Libertarian Cliff Hyra receives more backing from men than he does women, receiving $7 \%$ of the male vote and only $2 \%$ of the female one.

Democrat Northam polls better with younger voters than Republican Gillespie, garnering 49-48 percent of the vote of those aged 18-24, and 51-44 percent of the vote of those between the ages of 25 and 44 .

Republican Gillespie fares better with older voters than Democrat Northam, especially with those over 65 years of age, garnering 50 percent of the vote of that segment of the electorate against Northam's 47 percent. Voters between the ages of 45 and 64 years of age are nearly evenly divided, with $47 \%$ opting for the Republican choice and $49 \%$ for the Democrat.

This survey is mixed-mode. All of its data is weighted and tabulated by Plural Vote, but about $60 \%$ of its respondents ( 240 respondents) filled out their voting intention through a survey conducted through Google Consumer Surveys, which employs stratified sampling for its methodology, while about $40 \%$ of its respondents ( 157 respondents) filled out an opt-in internet non-probability survey panel conducted by Plural Vote, in which more supplementary questions were asked than in the Google Consumer Surveys poll.

In this poll's weighted opt-in sample, it shows that Gillespie captures Republican likely voters 97-3 percent, but fares poorly with independents, with whom he receives a mere 39 percent of the vote against Northam's 50 percent (Libertarian Cliff Hyra captures 11 percent). Additionally, Gillespie is strongest in rural regions of Virginia, where he garners 57 percent of the vote against the $43 \%$ his Democratic opponent receives.

Democratic Virginia governor Terry McAuliffe is shown to have a job approval rating of 53 percent and a disapproval rating of 43 percent, satisfying only a slim majority of Virginia's likely voters. He fares badly with men (47 to 46 percent), independents ( 49 to 43 percent), those living in rural areas ( 40 to 58 percent), and with Republicans (11 to 90 percent).

Most significantly, it is shown that Republican president Donald Trump has a very poor approval rating in Virginia, with 65 percent disapproval and only 32 percent approval. Only 73 of Gillespie voters approve of Trump ( 20 to 73 percent), and 72 of Republicans ( 72 to 27 percent). Trump even fares badly with voters living in rural areas, with 56 percent disapproving of him and only 26 percent approving.

41 percent of likely voters express a favorable opinion of Republican Ed Gillespie, while 56 percent have an unfavorable view of him. On the other hand, 52 percent of voters hold a favorable opinion of Democrat Ralph Northam, with only 42 percent expressing an unfavorable opinion.

If Ed Gillespie hopes to make up for some of Northam's lead by capturing some of Libertarian Cliff Hyra's voters, there is some good news for him. Gillespie's favorability rating with Hyra voters is 15 percent, nearly twice as high as Northam's 9 percent favorability rating with the same group.

This internet survey was conducted statewide in Virginia and received 396 responses from likely voters through a mixed-mode survey design between October 15th and October 25th, 2017. Assuming that the sample of this poll was approximative of a random probabilistic sample, this survey, with a sample size of 397 respondents, has a margin of sampling error (or $95 \%$ confidence interval) of $\pm 4.9$
percentage points, not accounting for design effect. Of the poll's respondents, 157 of them filled out the survey out via an opt-in internet panel. The remainder, 240 Virginia voters, were polled statewide through Google Consumer Surveys.

All of the data in this sample was weighted and tabulated by the pollster Plural Vote.

The Google Consumer Surveys internet poll was fielded between October 15th and October 20th, 2017 and was conducted throughout the state of Virginia in English through a stratified sample of Virginia's internet users. We offered respondents an option of "Don't plan to vote", an answer placed in order to eliminate respondents who are unlikely to vote from the poll's data. Additionally, responses who did not have associated data available regarding their gender or age were discarded. Responses for this Google Consumer Surveys sample are reported for 240 self-identified likely voters statewide. Subsequently, we weighted its raw data and respondents in respect to the auxiliary variables of age and gender according to the Edison Research 2013 Virginia gubernatorial election exit polls, in order to make the poll's sample more representative of the voting electorate.

The internet non-probability opt-in survey was fielded from October 20th to October 25th, 2017 and was filled out by self-identified likely voters who had voted in the 2016 election and who were frequenters of communities related to the Commonwealth of Virginia on the social media website Reddit. The poll's questions were phrased in English, and the poll was conducted and its results collected by Plural Vote. Multiple screening and other survey questions were asked. Some of the cross-tabulations and cross-tabs which break down responses by various variables and characteristics including age, gender, and political affiliation, are available in the following pages. The poll had a sample of 240 respondents, all of which self-reported that they had at least a 50-50 likelihood of voting in the governor's election. Respondents were asked numerous questions, including their political affiliation and who they voted for in the 2016 election. Subsequently, we heavily weighted the responses of raw data we gathered in respect to the auxiliary variables of past vote, party affiliation, and gender. These auxiliary weights were assigned based on how respondents voted in the 2016 election in respect to their self-identified party affiliation and gender, based on Edison Research 2016 Virginia exit polls. This was done in order to make the poll's sample more representative of the Virginian voting electorate.

Any further questions about how this poll was conducted can be answered by email at info@pluralvote.com or by reaching out on Twitter. Raw and weighted data for its samples can be provided on request as well.

The margin of error of polling outcomes from individual subsets narrowed down to particular characteristics will be larger than for the overall population. Questions were asked to respondents as they are written below, unless otherwise indicated.

```
N = 397 RESPONDENTS
Weighted voting intention for Virginia's 2017 Gubernatorial election
```

LIKELY VOTERS
Tot Men Wom 18-24 25-44 45-64 65+

| Democrat Ralph Northam | $49 \%$ | $43 \%$ | $55 \%$ | $49 \%$ | $51 \%$ | $48 \%$ | $47 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Republican Ed Gillespie | 46 | 49 | 43 | 48 | 44 | 47 | 50 |
| Libertarian Cliff Hyra | 5 | 7 | 2 | 3 | 5 | 5 | 2 |

Weighted sample size by type of online survey:

| OnLine non-probability | $\mathrm{N}=157$ | 77 | 80 | 28 | 117 | 12 | 0 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Google Consumer Surveys | 240 | 115 | 125 | 14 | 72 | 110 | 43 |

```
N = 240 RESPONDENTS
Weighted voting intention from online stratified sample collected by Google Consumer Surveys
```

1. Do you intend to vote in the 2017 Virginia election for Governor on Nov. 7? If so, among the following candidates, for whom are you planning to vote or leaning towards voting? (DISCARD responses where respondent selects "Do not intend to vote")

LIKELY VOTERS

|  | Tot | Men | Wom | 18-24 | $\mathbf{2 5 - 4 4}$ | $45-64$ | $65+$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Democrat Ralph Northam | $46 \%$ | $40 \%$ | $52 \%$ | $47 \%$ | $49 \%$ | $44 \%$ | $47 \%$ |
| Republican Ed Gillespie | 49 | 52 | 45 | 45 | 43 | 52 | 50 |
| Libertarian Cliff Hyra | 5 | 7 | 3 | 8 | 8 | 4 | 2 |


| Weighted sample size: | $\mathrm{N}=240$ | 115 | 125 | 14 | 72 | 110 | 43 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% | 100\% | 48 | 52 | 6 | 30 | 46 | 18 |
| Unweighted sample size: | $\mathrm{N}=240$ | 139 | 101 | 13 | 103 | 88 | 36 |
| \% | 100\% | 58 | 42 | 5 | 43 | 37 | 15 |

$N=157$ RESPONDENTS
Weighted voting intention and other polling results from opt-in online sample collected by Plural Vote

1. If the 2017 Virginia Governor's election were being held today and the candidates were Democrat Ralph Northam, Republican Ed Gillespie and Libertarian Cliff Hyra, for whom would you vote? Would you lean toward Northam, Gillespie, or Hyra?

|  | LIKELY VOTERS. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Tot | Rep | Dem | Ind | Men | Wom | 18-24 | 25+ | VIRGINIA REGION........ Rural Urban Suburban |  |  |
| Democrat Ralph Northam | 54\% | 3\% | 100\% | 50\% | 47\% | 60\% | 49\% | 55\% | 43\% | 52\% | 63\% |
| Republican Ed Gillespie | 42 | 97 | - | 39 | 45 | 39 | 49 | 40 | 57 | 46 | 29 |
| Libertarian Cliff Hyra | 4 | 1 | - | 11 | 8 | 1 | 1 | 4 | - | 1 | 8 |
| Other / None of these | - | - | - | - | - | - | - | - | - | - | - |
| Undecided | 0 | - | - | 0 | 0 | - | - | 0 | - | - | - |
| Weighted sample size: | $\mathrm{N}=157$ | 50 | 125 | 14 | 77 | 80 | 28 | 129 | 28 | 72 | 57 |
| \% | 100\% | 32 | 39 | 29 | 49 | 51 | 18 | 82 | 18 | 46 | 36 |
| Unweighted sample size: | $\mathrm{N}=157$ | 13 | 70 | 74 | 127 | 30 | 33 | 124 | 18 | 72 | 65 |
| \% | 100\% | 8 | 45 | 47 | 81 | 19 | 21 | 79 | 11 | 46 | 41 |

2. Do you approve or disapprove of the way Virginia governor Terry McAuliffe is handling his job as Governor? Do you approve/disapprove strongly or somewhat?

## Approve total

Approve somewhat
Approve strongly

Disapprove total
Disapprove somewhat
Disapprove strongly

Other / None of these
No opinion

Approve total
Approve somewhat
Approve strongly
Disapprove total
Disapprove somewhat
Disapprove strongly

Other / None of these
No opinion

LIKELY VOTERS


#### Abstract

.


|  |  |  |  |  |  | VIRGINIA REGION........ |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Tot | Rep | Dem | Ind | Men | Wom | $\mathbf{1 8 - 2 4}$ | 25+ | Rural | Urban | Suburban |
|  |  |  |  |  |  |  |  |  |  |  |
| $53 \%$ | $11 \%$ | $95 \%$ | $43 \%$ | $46 \%$ | $60 \%$ | $44 \%$ | $54 \%$ | $40 \%$ | $51 \%$ | $61 \%$ |
| 32 | 11 | 49 | 33 | 28 | 36 | 31 | 32 | 36 | 30 | 32 |
| 21 | - | 46 | 10 | 18 | 24 | 13 | 22 | 4 | 21 | 29 |
|  |  |  |  |  |  |  |  |  |  |  |
| $43 \%$ | $90 \%$ | - | $49 \%$ | $47 \%$ | $39 \%$ | $54 \%$ | $41 \%$ | $58 \%$ | $46 \%$ | $33 \%$ |
| 8 | 9 | - | 19 | 11 | 6 | 4 | 9 | 18 | 3 | 11 |
| 35 | 81 | - | 30 | 36 | 33 | 50 | 32 | 40 | 43 | 22 |


| 0 | - | 1 | - | 0 | - | - | 0 | - | - | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 | - | 4 | 7 | 0 | 1 | 3 | 4 | - | 3 | - |

CHOSEN CANDIDATE.
Northam Gillespie Hyra

| - | $73 \%$ | $28 \%$ |
| ---: | ---: | ---: |
| - | 14 | 22 |
| - | 59 | 6 |
| $100 \%$ |  |  |
| 0 | $20 \%$ | $61 \%$ |
| 100 | 8 | 26 |
|  | 12 | 35 |

7 -
3. Do you approve or disapprove of the way Donald Trump is handling his job as president? Do you approve/disapprove strongly or somewhat?

| Approve total | $32 \%$ | $72 \%$ | - | $30 \%$ | $29 \%$ | $33 \%$ | $32 \%$ | $31 \%$ | $26 \%$ | $42 \%$ | $21 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Approve somewhat | 7 | 15 | - | 7 | 13 | 0 | 0 | 8 | 13 | 4 | 7 |
| Approve strongly | 25 | 57 | - | 23 | 16 | 33 | 32 | 23 | 13 | 38 | 14 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Disapprove total | $65 \%$ | $27 \%$ | $100 \%$ | $60 \%$ | $69 \%$ | $61 \%$ | $68 \%$ | $61 \%$ | $56 \%$ | $57 \%$ | $79 \%$ |
| Disapprove somewhat | 5 | 10 | - | 4 | 9 | - | 5 | 1 | - | 5 | 6 |
| Disapprove strongly | 60 | 17 | 100 | 56 | 60 | 61 | 63 | 60 | 56 | 52 | 73 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | - |
| Other / None of these | 0 | 1 | 1 | - | 1 | - | - | 0 | - | - | 1 |
| No opinion |  |  |  |  |  |  |  |  |  |  |  |

CHOSEN CANDIDATE.
Northam Gillespie Hyra

| Approve total | - | $73 \%$ | $28 \%$ |
| :--- | ---: | ---: | ---: |
| Approve somewhat | - | 14 | 22 |
| Approve strongly | - | 59 | 6 |
|  | $100 \%$ | $20 \%$ | $61 \%$ |
| Disapprove total | 0 | 8 | 26 |
| Disapprove somewhat | 100 | 12 | 35 |
| Disapprove strongly |  |  |  |
|  | - | - | 10 |
| Other / None of these | - | 7 | - |
| No opinion |  |  |  |

4. Do you have a favorable or unfavorable opinion of Republican Donald Trump? Is it favorable/unfavorable strongly or somewhat?

|  | Tot | Rep | Dem | Ind | Men | Wom | 18-2 | 25+ | Rural | Urban | Suburban |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Favorable total | 32\% | 73\% | - | 30\% | 29\% | 33\% | 32\% | 31\% | 26\% | 42\% | 21\% |
| Favorable somewhat | 7 | 16 | - | 7 | 13 | 0 | 0 | 8 | 13 | 4 | 7 |
| Favorable strongly | 25 | 57 | - | 23 | 16 | 33 | 32 | 23 | 13 | 38 | 14 |
| Unfavorable total | 65\% | 27\% | 100\% | 59\% | 69\% | 61\% | 68\% | 61\% | 56\% | 57\% | 79\% |
| Unfavorable somewhat | 4 | 10 | - | 3 | 9 | - | 5 | 1 | - | 5 | 6 |
| Unfavorable strongly | 60 | 17 | 100 | 56 | 60 | 61 | 63 | 60 | 56 | 52 | 73 |
| Other / None of these | 0 | - | 1 | 0 | 1 | - | - | 0 | - | - | 1 |
| No opinion | 3 | - | 4 | 11 | 0 | 6 | 3 | 4 | 17 | - | - |

## CHOSEN CANDIDATE

```
Northam Gillespie Hyra
```

Favorable total
Favorable somewhat

| - | $73 \%$ | $38 \%$ |
| ---: | ---: | ---: |
| - | 14 | 32 |
| - | 59 | 6 |
| $100 \%$ |  |  |
| 0 | $20 \%$ | $60 \%$ |
| 100 | 8 | 25 |
|  | 12 | 35 |

LIKELY VOTERS
VIRGINIA REGION.......... Rural Urban Suburban

17
Other / None of these - - 1

No opinion
Favorable strongly
Unfavorable total Unfavorable somewhat Unfavorable strongly

Other / None of these 7
5. Do you have a favorable or unfavorable opinion of Republican Ed Gillespie? Is it favorable/unfavorable strongly or somewhat?

Favorable total
Favorable somewhat
Favorable strongly
LIKELY VOTERS

```
VIRGINIA REGION
```

| Tot | Rep | Dem | Ind | Men | Wom | $\mathbf{1 8 - 2 4}$ | $25+$ | Rural | Urban | Suburban |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |  |  |  |
| $41 \%$ | $100 \%$ | - | $29 \%$ | $49 \%$ | $32 \%$ | $55 \%$ | $38 \%$ | $40 \%$ | $49 \%$ | $30 \%$ |
| 13 | 28 | - | 13 | 26 | 0 | 28 | 10 | 27 | 6 | 15 |
| 28 | 72 | - | 16 | 23 | 32 | 27 | 28 | 13 | 43 | 15 |
|  |  |  |  |  |  |  |  |  |  |  |
| $56 \%$ | - | $98 \%$ | $53 \%$ | $46 \%$ | $67 \%$ | $35 \%$ | $48 \%$ | $59 \%$ | $50 \%$ | $63 \%$ |
| 20 | - | 36 | 22 | 22 | 19 | 15 | 21 | 19 | 19 | 23 |
| 36 | - | 62 | 41 | 23 | 48 | 30 | 37 | 40 | 31 | 40 |


| Other / None of these | 0 | - | 1 | 0 | 6 | - | - | 0 | 2 | - | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| No opinion | 3 | - | 2 | 8 | 0 | 6 | 0 | 2 | - | 1 | 6 |

CHOSEN CANDIDATE
Northam Gillespie Hyra

| Favorable total | $13 \%$ | $92 \%$ | $15 \%$ |
| :--- | ---: | ---: | ---: |
| Favorable somewhat | 13 | 26 | 15 |
| Favorable strongly | - | 66 | - |
|  | $95 \%$ | $7 \%$ | $40 \%$ |
| Unfavorable total | 35 | - | 31 |
| Unfavorable somewhat | 60 | 7 | 9 |
| Unfavorable strongly |  |  |  |
|  | 1 | - | - |
| Other / None of these | 1 | - | 45 |

```
6. Do you have a favorable or unfavorable opinion of Democrat Ralph Northam? Is it
favorable/unfavorable strongly or somewhat? Is it favorable/unfavorable strongly or somewhat?
```

Favorable total
Favorable somewhat
Favorable strongly
Unfavorable total
Unfavorable somewhat
Unfavorable strongly

Other / None of these No opinion

Favorable total
Favorable somewhat
Favorable strongly

Unfavorable total
Unfavorable somewhat Unfavorable strongly

Other / None of these
No opinion

LIKELY VOTERS
VIRGINIA REGION..........

| Tot | Rep | Dem | Ind | Men | Wom | $\mathbf{1 8 - 2 4}$ | 25+ | Rural | Urban | Suburban |
| ---: | ---: | ---: | ---: | :---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |  |  |  |
| $52 \%$ | $11 \%$ | $98 \%$ | $44 \%$ | $47 \%$ | $58 \%$ | $51 \%$ | $52 \%$ | $42 \%$ | $49 \%$ | $56 \%$ |
| 33 | 11 | 36 | 39 | 30 | 36 | 32 | 33 | 23 | 6 | 43 |
| 19 | - | 62 | 5 | 17 | 22 | 19 | 19 | 19 | 43 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |
| $42 \%$ | $89 \%$ | - | $46 \%$ | $41 \%$ | $40 \%$ | $48 \%$ | $41 \%$ | $57 \%$ | $50 \%$ | $32 \%$ |
| 20 | 51 | - | 12 | 9 | 27 | 3 | 24 | 0 | 19 | 13 |
| 22 | 38 | - | 34 | 32 | 12 | 45 | 17 | 57 | 31 | 19 |


| 0 | - | 1 | - | - | - | - | - | 1 | - | - |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 6 | 1 | 2 | 10 | 9 | 2 | 1 | 7 | - | 1 | 12 |

CHOSEN CANDIDATE.
Northam Gillespie Hyra
$91 \% \quad 6 \% \quad 9 \%$
$56 \quad 6 \% \quad 9$
35

3\% 93\% 35\%
$3 \quad 41 \quad 32$

- 52
- $\quad 4$

7. Do you have a favorable or unfavorable opinion of Virginia governor Terry McAuliffe? Is it favorable/unfavorable strongly or somewhat? Is it favorable/unfavorable strongly or somewhat?

Favorable total
Favorable somewhat
Favorable strongly
Unfavorable total
Unfavorable somewhat
Unfavorable strongly

Other / None of these No opinion

Favorable total
Favorable somewhat
Favorable strongly

Unfavorable total
Unfavorable somewhat Unfavorable strongly

Other / None of these No opinion

LIKELY VOTERS $\qquad$

Tot Rep Dem Ind Men Wom $\quad 18$-24 $25+\quad$| VIRGINIA REGION......... |
| :---: |
| Rural Urban Suburban |

| $51 \%$ | $7 \%$ | $92 \%$ | $42 \%$ | $41 \%$ | $59 \%$ | $42 \%$ | $53 \%$ | $40 \%$ | $47 \%$ | $59 \%$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 30 | 7 | 48 | 30 | 26 | 33 | 29 | 30 | 30 | 29 | 29 |
| 21 | - | 44 | 12 | 15 | 26 | 13 | 23 | 10 | 18 | 30 |
|  |  |  |  |  |  |  |  |  |  |  |
| $46 \%$ | $93 \%$ | $2 \%$ | $51 \%$ | $52 \%$ | $39 \%$ | $56 \%$ | $43 \%$ | $58 \%$ | $47 \%$ | $36 \%$ |
| 13 | 20 | 2 | 19 | 20 | 6 | 18 | 11 | 31 | 4 | 14 |
| 33 | 73 | - | 32 | 32 | 33 | 38 | 32 | 27 | 43 | 22 |


| 1 | - | 2 | - | 1 | - | 2 | 0 | 1 | - | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 4 | - | 5 | 6 | 7 | 1 | 1 | 4 | 0 | 5 | 4 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

CHOSEN CANDIDATE.
Northam Gillespie Hyra

| $86 \%$ | $6 \%$ | $31 \%$ |
| ---: | ---: | ---: |
| 48 | $6 \%$ | 31 |
| 38 | - | - |
| $7 \%$ | $94 \%$ | $64 \%$ |
| 4 | 21 | 46 |
| 3 | 73 | 18 |

1
4
7

