



## Methodology

---

In July 2018, AARP engaged Alan Newman Research (ANR) to conduct a quantitative research study among registered voters ages 50+ in Washington's 8<sup>th</sup> Congressional District. Topics included likelihood of voting in the upcoming November elections for U.S. Congress and other offices, as well as issues of importance to voters such as financial security and retirement, Social Security and Medicare, prescription drugs, and healthcare.

ANR completed a total of 616 telephone interviews (433 via landline telephones and 183 via cell phone).

Respondents were screened to meet the following criteria:

- Age 50+
- Resident of Washington's 8<sup>th</sup> Congressional District
- Registered voter in Washington

Survey length averaged 20 minutes.

## Sample

Both landline and cell phone sampling were used for this research, drawn randomly from a purchased list of registered voters in Washington. A total of 21,600 records were utilized.

The total base sample of 616 respondents yields a maximum statistical error of  $\pm 4.0\%$  at the 95% level of confidence. (This means that in 95 out of 100 samples of this size, the results obtained in the sample would be within  $\pm 4.0$  percentage points of the results obtained had everyone in the population been interviewed.)

## Interviewing

The survey was launched on September 7, 2018 and closed on September 19, 2018.

Interviewing was active between 5:30 p.m. and 9:00 p.m., with some additional calling done between 10:00 a.m. and 4:00 p.m. If necessary, up to 8 call attempts per telephone number were made to reach an eligible respondent. All numbers were called at multiple times of the day as well as days of the week to maximize each resident's opportunity for inclusion in the study.

Percentages of some questions may exceed 100% due to rounding or the use of multiple response question formats. All data have been weighted by age, gender, race/ethnicity, and geographic distribution according to August 2018 Washington State Voter Registration Database statistics.

## Final Disposition Reports

FULL COMPLETES	616
SCHEDULED_CALLBACKS	2769
CALLBACK_NON_SPECIFIC	4070
SOFT REFUSAL	874
HARD REFUSAL	82
TERMINATED_EARLY	18
GOVERNMENT_BUSINESS	37
LANGUAGE_DEAF	25
SCREENED_OUT	54
OVER_QUOTA	0
NON_WORKING_NUMBERS	2845
BUSYS_UNCONFIRMED	0
BUSYS_CONFIRMED_HH	174
NO_ANSWERS_UNCONFIRMED	0
NO_ANSWERS_CONFIRMED_HH	2841
ANSWERING_MACHINE_SERVICE_UNCONFIRMED	0
ANSWERING_MACHINE_SERVICE_CONFIRMED_HH	7173
PRIVACY MANAGER	11
FAX	11
TOTAL	21,600

## Production Summary

NUMBER OF FULL COMPLETES	616
TOTAL NUMBERS RELEASED	21,600
COOPERATION RATE (COOP3)	40.8%
REFUSAL RATE (REF3)	6.1%
RESPONSE RATE (RR3) <sup>1</sup>	3.4%

---

<sup>1</sup> This response rate formula (RR3) requires the calculation of 'e' which is the proportion of cases of unknown eligibility that are estimated to actually be eligible. The following formula was used to determine 'e':  $e = \frac{\text{Complete} + \text{Terminate Early} + \text{Confirmed Household No Answer, Busy, and Answering Machine} + \text{Callbacks} + \text{Language Barrier}}{\text{Complete} + \text{Terminate Early} + \text{Confirmed Household No Answer, Busy, and Answering Machine} + \text{Callbacks} + \text{Language Barrier} + \text{Government/Business} + \text{Non-Working} + \text{Screened Out} + \text{Over Quota}}$ .