AARP

2017 Age-Friendly Community Survey

Greater East Lansing, MI

Methodology Report

September 2017

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METHODOLOGY

In June 2017, AARP engaged Alan Newman Research to conduct a general population research study among adults age 45 and older residing in Greater East Lansing in Michigan. Specific topics included perceptions of their community on various features and services (such as those related to their home, transportation, health and wellness, social, volunteer, job opportunities, and community information), as well as demographic questions.

ANR completed a total of 300 interviews (39 by landline and 261 by cell phone). Respondents were screened for being at least 45 years old and living within the East Lansing city limits or in zip codes 48840 or 48912.

Survey length averaged 27.8 minutes.

Sample

Both landline (RDD) and cell phone sample were used for this research. A total of 12,400 records were dialed.

The total sample of 300 respondents yields a maximum statistical error of $\pm 5.7\%$ 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 ± 5.7 percentage points of the results obtained had everyone in the population been interviewed.)

Interviewing

Interviews took place July 10 through September 3, 2017. 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.

Data Tables

Three sets of data tables with complete results have been produced. Responses are shown for both the entire sample and for key subgroups based on demographic information and responses to certain questions, as follows.

Banner 1:

- Age: 45-49, 50-54, 55-64, 65-74, 75+; 65+
- Gender: male, female
- Income: <\$20k, \$20k-<\$50k, \$50k-<\$100k, \$100k+
- East Lansing City Limits: Inside, Outside

Banner 2:

- Education: high school or less, some college, college graduate+
- Employment: employed, not employed
- Marital status: married, not married
- AARP membership status: yes (member), no (not a member)
- Community rating: excellent/very good/ good, fair/ poor
- Length of time living in community: <15 years, 15-<25 years, 25+ years

Banner 3:

- In the future, respondent is more likely to move to a different: community, residence within their current community, stay in their current residence and never move
- Disability status: self and/or spouse is disabled, no disabilities
- Health status: good, not good
- Social interaction frequency: weekly, monthly, less than monthly
- Race/ethnicity: white, black, Hispanic, other
- Caregiver status: caregiver, not a caregiver/not sure/ refused
- Likely caregiver status: very likely, somewhat likely, not likely

Percentages of some questions may exceed 100% due to rounding or the use of multiple response question formats. Statistical tests have been performed to determine whether observed differences in the tables are statistically significant. Each banner point in each table is designated

by a letter of the alphabet. If the letter corresponding to a particular column appears inside the body of the table, it indicates a statistically significant difference between that cell and the cell/column identified by the letter. Upper case letters indicate a difference at the .05 level of significance.

All data have been weighted by age, sex, and race/ethnicity according to national 5-year 2015 Census estimates from the American Community Survey (ACS). Additionally, data have been weighted by AARP membership status based on internal statistics provided by AARP.

FINAL DISPOSITION REPORTS

Final	
FULL COMPLETES	300
SCHEDULED_CALLBACKS	573
CALLBACK_NON_SPECIFIC	3243
SOFT REFUSAL	703
HARD REFUSAL	96
TERMINATED_EARLY	13
GOVERNMENT_BUSINESS	88
LANGUAGE_DEAF	36
SCREENED_OUT	378
OVER_QUOTA	0
NON_WORKING_NUMBERS	2193
BUSYS_UNCONFIRMED	0
BUSYS_CONFIRMED_HH	151
NO_ANSWERS_UNCONFIRMED	0
NO_ANSWERS_CONFIRMED_HH	2258
ANSWERING_MACHINE_SERVICE_UNCONFIRMED	0
ANSWERING_MACHINE_SERVICE_CONFIRMED_HH	2347
PRIVACY MANAGER	12
FAX	9
TOTAL	12400

The response rate for this study was measured using AAPOR's response rate 3 method. The cooperation rate was measured using AAPOR's cooperation rate 3 method. The refusal rate was measured using AAPOR's refusal rate 3 method. The table below contains these rates.

PRODUCTION SUMMARIES*

NUMBER OF FULL COMPLETES	300
TOTAL NUMBERS RELEASED	12400
COOPERATION RATE (COOP3)	45.5%
REFUSAL RATE (REF3)	10.9%
RESPONSE RATE (RR3) ¹	3.3%

*Source: AAPOR Outcome Rate Calculator Version 4.0 (Dual Frame RDD Phone)

¹ 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': $e = \frac{\text{Complete} + \text{Terminate Early} + \text{Confirmed Household No Answer, Busy, and Answering Machine} + \text{Callbacks} + \text{Language Barrier}}{\text{Complete} + \text{Terminate Early} + \text{Confirmed Household No Answer, Busy, and Answering Machine} + \text{Callbacks} + \text{Language Barrier} + \text{Government/Business} + \text{Non-Working} + \text{Screened Out} + \text{Over Quota}}$