

# Denver Regional Council of Governments Area Agency on Aging 2018

Report of Results

---

**CASOA**<sup>TM</sup>  
**Community Assessment Survey  
for Older Adults**<sup>TM</sup>



2955 Valmont Road, Suite 300 • Boulder, Colorado 80301  
[www.n-r-c.com](http://www.n-r-c.com) • 303-444-7863

## A c k n o w l e d g e m e n t

The 2018 Community Assessment Survey for Older Adults™ (CASOA) in Colorado was sponsored by the Colorado Association of Area Agencies on Aging (C4A) and funded by NextFifty Initiative.



The Colorado Association of Area Agencies on Aging (C4A) advocates for programs and services for older adults on behalf of the state's 16 Area Agencies on Aging (AAAs). The AAAs coordinate programs and services for the aging and disabled populations, ensuring those in need maintain a high quality of life.



NextFifty Initiative is an independent, Colorado-based, nonprofit organization, dedicated to funding mission-driven initiatives that improve community services for the elderly population and caregivers.

Learn more at <https://www.next50initiative.org>

# Contents

Introduction .....	1
Study Methods.....	1
Structure of CASOA Report.....	2
“Don’t Know” Responses and Rounding .....	4
Benchmark Comparison Data .....	4
Key Findings .....	5
CASOA Survey Results.....	8
Overall Community Quality .....	8
Community and Belonging.....	9
Community Information .....	10
Productive Activities .....	11
Health and Wellness .....	17
Community Design and Land Use .....	22
Community Readiness.....	24
Opportunities and Challenges .....	25
Older Resident Needs in the Denver Metro Region .....	27
Populations at High Risk .....	30
Responses to Custom Questions .....	31
Appendix A: Complete Set of Survey Responses.....	33
Appendix B: Survey Methodology.....	52
Appendix C: Benchmark Comparisons.....	62
Appendix D: References .....	73
Appendix E: Survey Materials.....	74



## CASOA™ Report of Results



NRC is a charter member of the AAPOR Transparency Initiative, providing clear disclosure of our sound and ethical survey research practices.

## Introduction

The Community Assessment Survey for Older Adults (CASOA™), administered by National Research Center, Inc., provides a statistically valid survey of the strengths and needs of older adults as reported by older adults themselves in communities across America. Used in conjunction with the *CASOA Strategies and Resources Handbook* (provided under separate cover), this report is intended to enable local governments, community-based organizations, the private sector and other community members to understand more thoroughly and predict more accurately the services and resources required to serve an aging population. With this report, Denver Regional Council of Governments Area Agency on Aging (DRCOG) stakeholders can shape public policy, educate the public and assist communities and organizations in their efforts to sustain a high quality of life for older adults. The objectives of the CASOA are to:

- Identify community strengths in serving older adults
- Articulate the specific needs of older adults in the community
- Estimate contributions made by older adults to the community
- Determine the connection of older adults to the community

The results of this exploration will provide useful information for planning and resource development as well as strengthen advocacy efforts and stakeholder engagement. The ultimate goal of the assessment is to create empowered communities that support vibrant older adult populations.

The CASOA questionnaire contains many questions related to the life of older residents in the counties served by DRCOG (Adams, Arapahoe, Clear Creek, Douglas, Gilpin, and Jefferson Counties, as well as the City and County of Broomfield and the City and County of Denver). Survey participants were asked to rate their overall quality of life, as well as aspects of quality of life in the Denver Metro Region. They also evaluated characteristics of the community and gave their perceptions of safety. The questionnaire was used to assess the individual needs of older residents and involvement by respondents in the civic and economic life of the Denver Metro Region.

## Study Methods

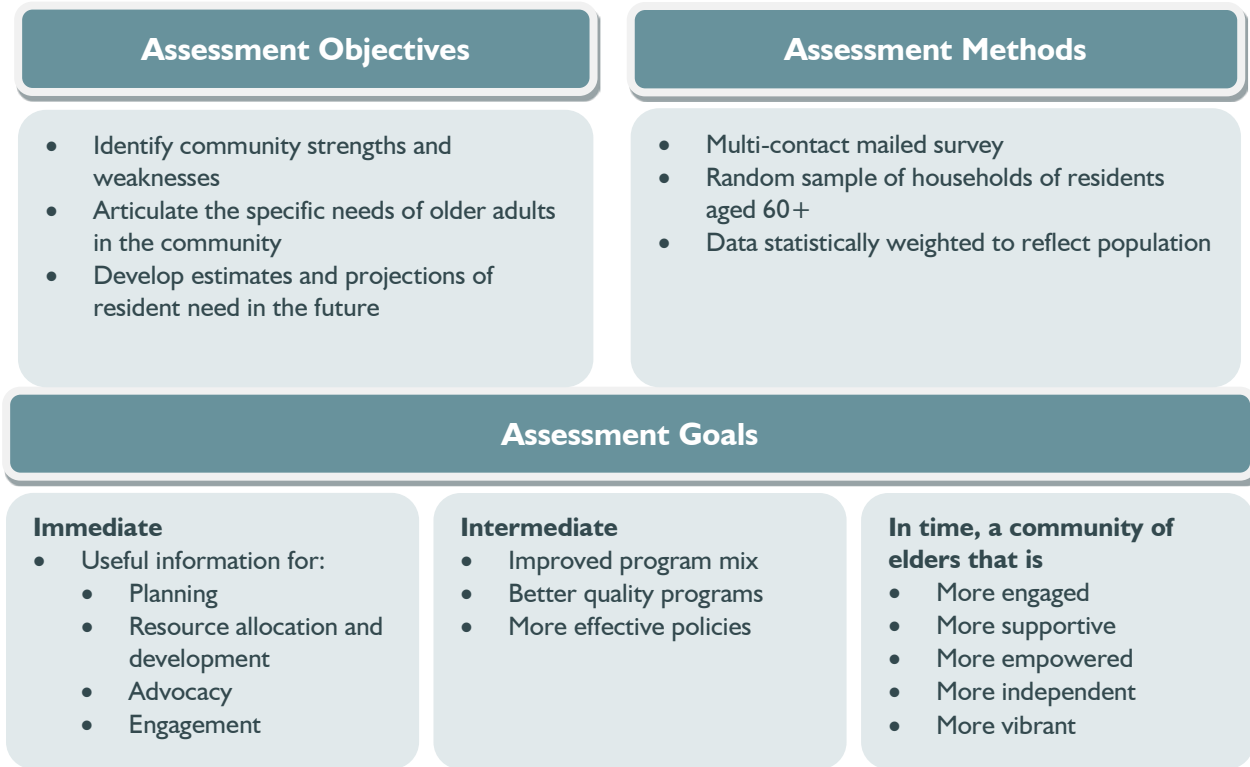
The CASOA survey and its administration are standardized to assure high quality survey methods and comparable results across communities. Participating households with residents 60 years or older were selected at random and the household member who responded was selected without bias. Multiple mailings gave each household more than one prompt to participate with a self-addressed and postage-paid envelope to return the survey. Results were statistically weighted to reflect the proper demographic composition of older adults in the entire community.

The survey was mailed on May 7, 2018 to a random selection of 10,400 older adult households in DRCOG's service area. Older adult households were contacted three times about participation in the survey. A total of 1,246 completed surveys was obtained, providing an overall response rate of 12% and a margin of error of plus or minus 3% around any given percent and two points around any given average rating for the entire sample.

Since this was the third CASOA of DRCOG older adults, the 2018 results are presented along with the prior results, when available. Differences between 2015 and 2018 can be considered “statistically significant” if they are three percentage points or greater than any given percent and two points or greater than any given average rating. Trend data represent important comparisons and should be examined for improvements or declines.

For additional methodological information, refer to *Appendix B: Survey Methodology*.

Figure 1: CASOA Methods and Goals



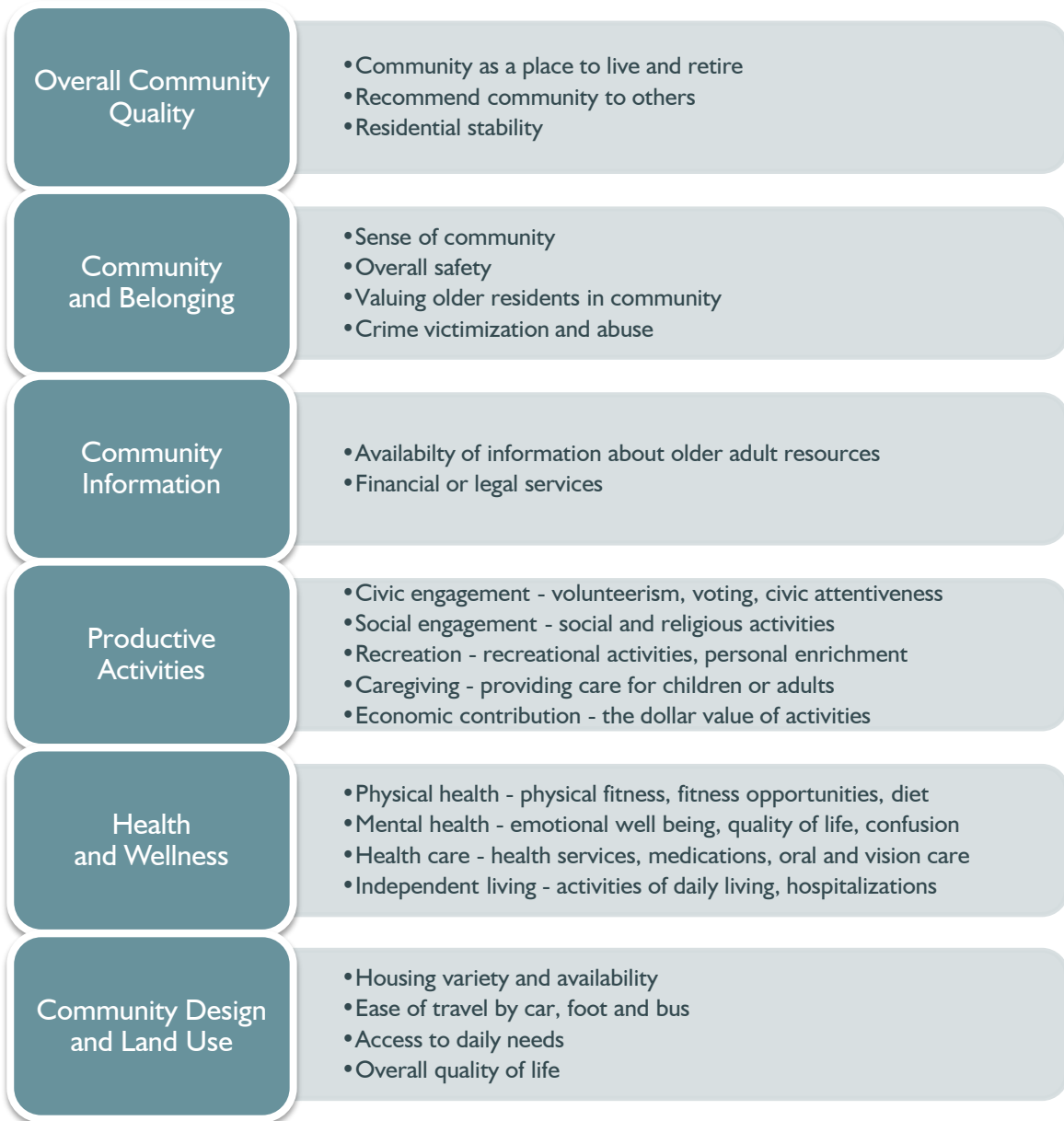
### Structure of CASOA Report

This report is based around six community dimensions (Figure 2):

- Overall Community Quality
- Community and Belonging
- Community Information
- Productive Activities
- Health and Wellness
- Community Design and Land Use

Each section discusses older adult ratings of the community, participation in activities and potential problems faced by older adults as related to each of the six dimensions. The final section of the report, Community Readiness, summarizes these dimensions as index scores and provides an overall picture of the Denver Metro Region as a livable community for older adults.

Figure 2: Community Dimensions Assessed through CASOA



---

## “Don’t Know” Responses and Rounding

---

On many of the questions in the survey, respondents could provide an answer of “don’t know.” The proportion of respondents giving this reply is shown in the full set of responses included in *Appendix A: Complete Set of Survey Responses*. However, these responses have been removed from the analyses presented in the body of the report, unless otherwise indicated. In other words, the majority of the tables and graphs in the body of the report display the responses from respondents who had an opinion about a specific item.

For some questions, respondents were permitted to select multiple responses. When the total exceeds 100% in a table for a multiple response question, it is because some respondents are counted in multiple categories. When a table for a question that only permitted a single response does not total to exactly 100%, it is due to the customary practice of rounding percentages to the nearest whole number.

---

## Benchmark Comparison Data

---

NRC has developed a database that collates responses to CASOA and related surveys administered in other communities, which allows the results from DRCOG to be compared against a set of national benchmarks. This benchmarking database includes responses from more than 35,000 older adults (age 55 and over) in over 175 communities across the nation. The demographics of NRC’s database match the demographics in the nation, based on the U.S. Census estimates.

Ratings are compared when similar questions are included in NRC’s database, and there are at least five communities in which the question was asked. Where comparisons for ratings were available, DRCOG’s results are generally discussed in the report as being “higher” than the benchmark, “lower” than the benchmark or “similar” to the benchmark. In instances where ratings are considerably higher or lower than the benchmark, these ratings have been further demarcated by the attribute of “much,” (for example, “much higher” or “much lower”). Detailed benchmark information can be found in *Appendix C: Benchmark Comparisons*.

## Key Findings

Not all older adults complain, nor does every community leave older adults raving about the quality of community life or the services available for active living and aging in place. Communities that assist older adults to remain or become active community participants provide the requisite opportunities for recreation, transportation, culture, education, communication, social connection, spiritual enrichment and health care.

Further, older adults, more than others, face difficulties with aspects of everyday life. For many older adults these difficulties vastly exceed the minor physical pains or small losses of function that characterize almost everyone's circumstances after a certain age. When individual problems are added together, a group picture emerges that provides a useful description of the entire community.

The results of this survey describe the Denver Metro Region as a livable community for older adults within six community dimensions of Overall Community Quality, Community and Belonging, Community Information, Productive Activities, Health and Wellness and Community Design and Land Use. The extent to which older adults experience difficulties and problems within these dimensions is also described.

### Overall Community Quality

Overall Community Quality explores how older residents view the community overall, how connected they feel to the community and how well they can access information and services offered by DRCOG, as well as how likely residents are to recommend and remain in the community.

- Most of DRCOG's older residents gave high ratings to the community as a place to live.
- About two-thirds of older adults would recommend the Denver Metro Region to others.
- Just over half of respondents had lived in the community for more than 20 years and almost Three-quarters planned to stay in the community throughout their retirement.
- When compared to other communities across the nation, Denver Metro Region older residents tended to rate aspects of community quality on par with the national average.

### Community and Belonging

A "community" is often greater than the sum of its parts, and having a sense of community entails not only a sense of membership and belonging, but also feelings of emotional and physical safety, trust in the other members of the community and a shared history.<sup>1</sup> Older residents rated several aspects of Community and Belonging, including their sense of community and overall feelings of safety, as well as the extent to which they felt accepted and valued by others.

- Almost three-quarters of respondents reported "excellent" or "good" overall feelings of safety and between 8% and 30% had experienced safety problems related to being a victim of crime, abuse or discrimination.
- About half of older residents rated the sense of community as "excellent" or "good"; similar ratings were provided for the Denver Metro Region neighborliness and valuing of older residents.
- When compared to other communities in the U.S., older residents in the Denver Metro Region provided similar ratings for aspects of Community and Belonging.



## Community Information

The education of a large community of older adults is not simple, but when more residents are made aware of attractive, useful and well-designed programs, more residents will benefit from becoming participants.

- Just over half of survey respondents reported being “somewhat” or “very” informed about services and activities available to older adults, which was similar to reports from other communities in the U.S.
- About 4 in 10 older adults felt they had “excellent” or “good” information about resources for older adults and financial or legal planning services.
- About three in five respondents had problems knowing what services were available and feeling like their voice was heard in the community and about one-third reported having problems with finding volunteer work and productive or meaningful activities.

## Productive Activities

Productive activities such as traditional and non-traditional forms of work and maintenance of social ties combine with health and personal characteristics to promote quality of life in later life and contribute to active aging.<sup>2</sup> Productive Activities examined the extent of older adults’ engagement participation in social and leisure programs and their time spent attending or viewing civic meetings, volunteering or providing help to others.

- About three-quarters of elders felt they had “excellent” or “good” volunteer opportunities, and one-third participated in some kind of volunteer work, a volunteer rate similar to other communities in the U.S.
- About 2 in 10 respondents had used a senior center in the community, which was similar to the senior center use in other communities.
- About half of seniors said that they had at least “minor” problems having interesting social events or activities to attend.
- The majority of older residents (77%) rated the recreation opportunities in the Denver Metro Region as “excellent” or “good,” which was higher than comparison communities. Participation in recreational and personal enrichment activities in the Denver Metro Region tended to be similar to other communities.
- Two in five older residents in the Denver Metro Region said they were caregivers; respondents averaged between 8 and 13 hours per week providing care for children, adults and older adults.
- About one-quarter of older adults in the Denver Metro Region felt physically, emotionally or financially burdened by their caregiving.
- About two-thirds of respondents were fully retired and 44% experienced at least minor problems with having enough money to meet daily expenses.
- The value of paid (part- and full-time work) and unpaid (volunteering, providing care) contributions by older adults in the Denver Metro Region totaled nearly \$11 billion in a 12-month period.

## Health and Wellness

Of all the attributes of aging, health poses the greatest risk and the biggest opportunity for communities to ensure the independence and contributions of their aging populations. Health and wellness, for the purposes of this study, included not only physical and mental health, but issues of independent living and health care.

- Overall, the older adults in the Denver Metro Region rated fitness opportunities similar to other communities in the U.S.
- Access to quality physical health care declined between 2015 and 2018 as was rated lower than the national average.
- The proportions of older residents reporting physical health problems (e.g., maintaining the home, staying fit and doing heavy or intense housework) were on par with national averages.
- About 3 in 10 older residents felt there was “excellent” or “good” availability of mental health care in the Denver Metro Region, while about 9 in 10 rated their overall mental health/emotional wellbeing as “excellent” or “good.”
- The most commonly cited mental health issues included feeling bored (40%), depressed (40%), while the least cited issue was figuring out which medications to take and when (10%); these mental health problems experienced by older adults were similar to other communities across the nation.
- Compared to other communities across the nation, elders rated the availability of preventive health services in the Denver Metro Region similar to the availability of these services found elsewhere.
- Older residents reported more problems with aspects of health care in 2018 compared to 2015, including finding affordable health insurance, getting needed health care and affording medications.
- More than one-quarter of respondents reported spending time in a hospital, and about one-third had fallen and injured themselves in the 12 months prior to the survey. Falls and hospitalizations in the Denver Metro Region occurred at rates on par with other communities.
- At least 3 in 10 older adults reported at least minor problems with aspects of independent living, including having problems with performing regular activities, including walking, eating and preparing meals.

## Community Design and Land Use

The movement in America towards designing more “livable” communities – those with mixed-use neighborhoods, higher-density development, increased connections, shared community spaces and more human-scale design – will become a necessity for communities to age successfully. Communities that have planned for older adults tend to emphasize access – a community design that facilitates movement and participation.

- Respondents rated the ease of getting to the places they usually have to visit, ease of car travel and ease of walking most positively with about two-thirds rating each as “excellent” or “good.”
- Only about 1 in 10 respondents felt they had “excellent” or “good” availability of affordable quality housing and 2 in 10 felt there was a good variety of housing options. Ratings for the availability of housing declined by more than half between 2010 and 2018.
- Some older adults experienced problems with having safe and affordable transportation available (31%) while others experienced problems with having housing to suit their needs (23%) or having enough food to eat (16%). Daily living problems in the Denver Metro Region were on par with national averages.
- Over three-quarters of older residents rated their overall quality of life as “excellent” or “good”, and DRCOG’s quality of life was rated similar to other communities in the U.S.

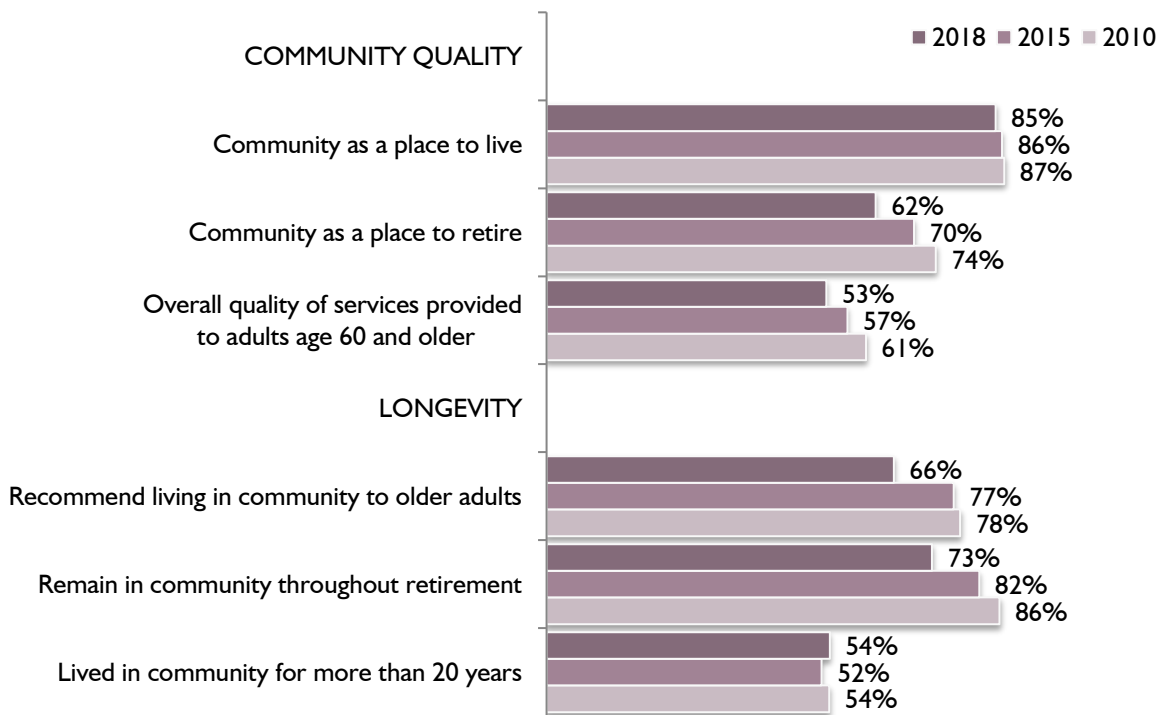
## CASOA Survey Results

### Overall Community Quality

CASOA contained a number of questions related to the life of older residents in the community. This section of the report explores aspects of the overall quality of the community by examining how older residents view the community overall, how connected they feel to the community and how well they can access information and services offered by DRCOG. Survey participants rated the community as a place to live and to retire as well as the overall quality of services provided to older adults. Further testament to the quality of a community is the likelihood of residents recommending and remaining in a community; respondents indicated how likely they would be to not only recommend the community to other older adults but also how likely they would be to remain in the community throughout their retirement.

Most of DRCOG’s older residents gave high ratings to the community as a place to live. Services offered to older adults were considered “excellent” or “good” by about half of older residents. Overall, about two-thirds of older adults said they would recommend the community to others. Half of residents had lived in the area more than 20 years and about three-quarters of seniors planned to remain in the area throughout their retirement. Generally, residents rated aspects of community quality on par with national averages and longevity lower (see *Appendix C: Benchmark Comparisons* for details).

**Figure 3: Denver Metro Region as a Place for Older Residents**



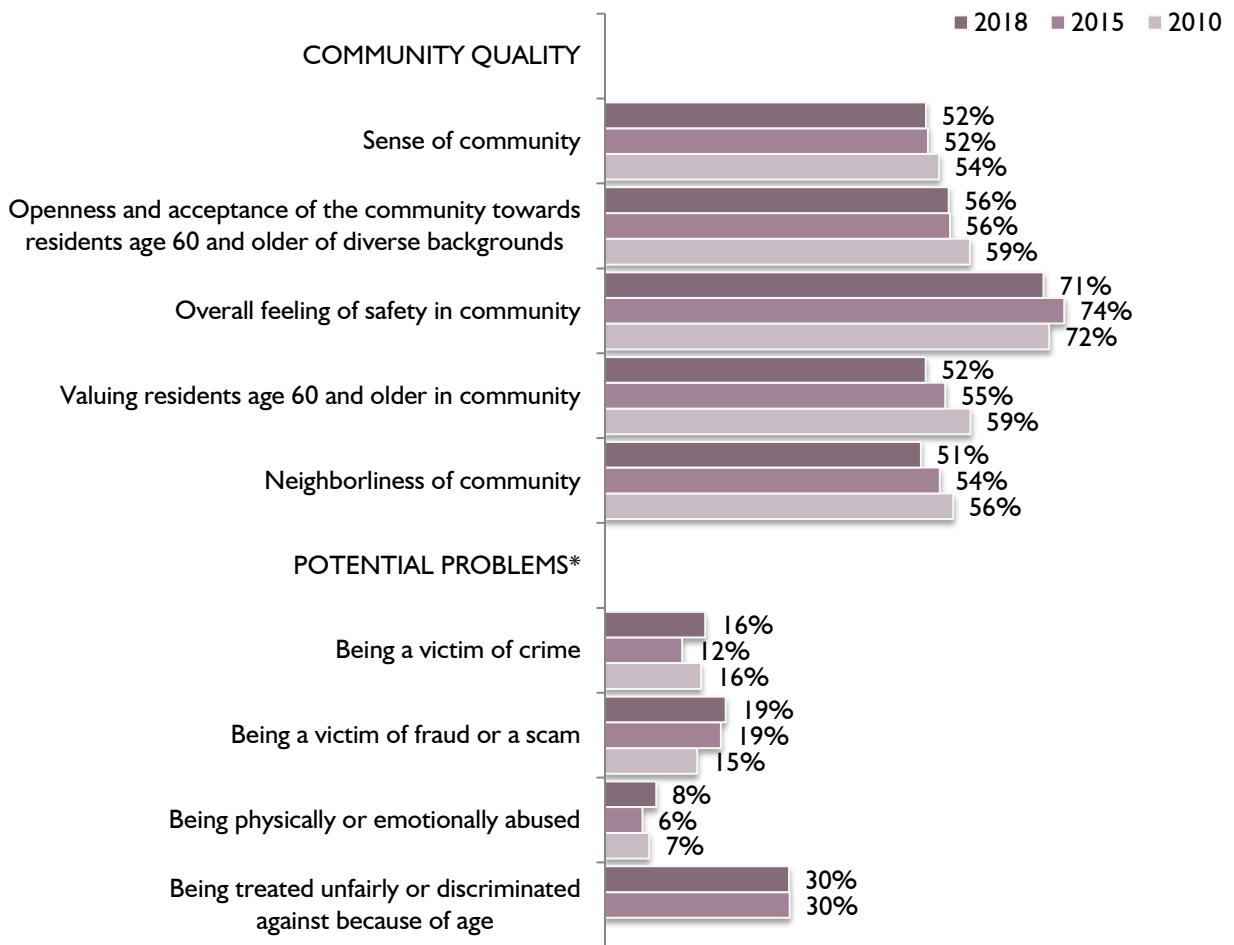
Percent rating positively (e.g. excellent or good, very or somewhat likely)

## Community and Belonging

A “community” is often greater than the sum of its parts, and having a sense of community entails not only a sense of membership and belonging, but also feelings of emotional and physical safety, trust in the other members of the community and a shared history.<sup>1</sup> Older residents rated several aspects of Community and Belonging, including their sense of community and overall feelings of safety, as well as the extent to which they felt accepted and valued by others.

Overall, about half of older residents rated Community and Belonging in the region positively. About half felt their community valued older residents and was open and accepting of older residents with diverse backgrounds. A moderate proportion of seniors reported problems with crime or abuse in the 12 months prior to the survey. When compared to other communities in the U.S., older residents in DRCOG’s service area provided similar ratings for aspects of Community and Belonging (see *Appendix C: Benchmark Comparisons* for details).

**Figure 4: Older Adult Ratings of Community and Belonging in the Denver Metro Region**



Percent rating positively (e.g. excellent or good, very or somewhat likely)

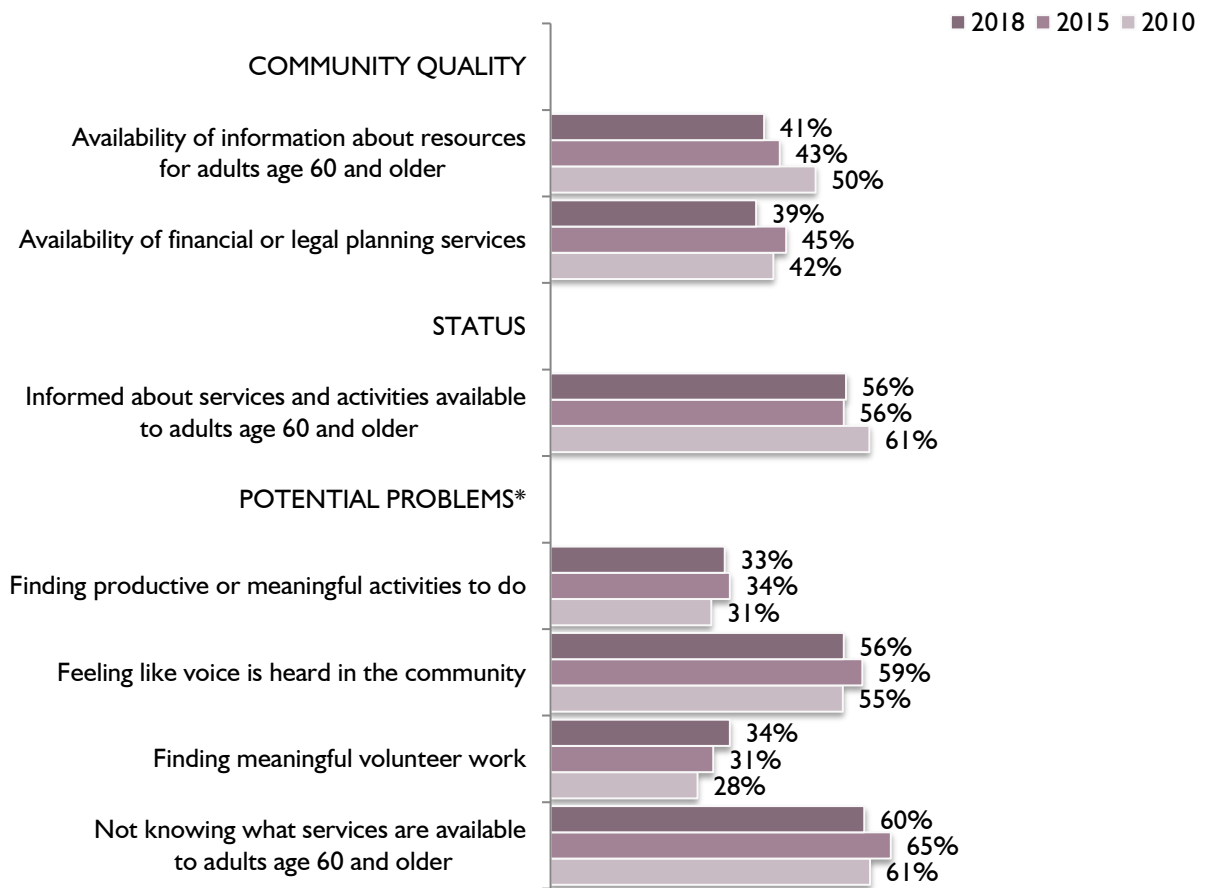
\*Percent rating as at least a minor problem

## Community Information

Sometimes residents of any age fail to take advantage of services offered by a community just because they are not aware of the opportunities. The education of a large community of older adults is not simple, but when more residents are made aware of attractive, useful and well-designed programs, increasing numbers of residents will benefit from becoming participants. In the Denver Metro Region, 56% of survey respondents reported being “somewhat” or “very” informed about services and activities available to older adults.

Older residents who may not know how to access services may have trouble finding ways to contribute to the community. In the Denver Metro Region, about 6 in 10 had problems knowing what services were available. The proportion of older adults who had problems in these areas was similar to other communities across the country (see *Appendix C: Benchmark Comparisons* for details).

**Figure 5: Community Information in the Denver Metro Region**



Percent rating positively (e.g. excellent or good, very or somewhat informed)

\*Percent rating as at least a minor problem

## Productive Activities

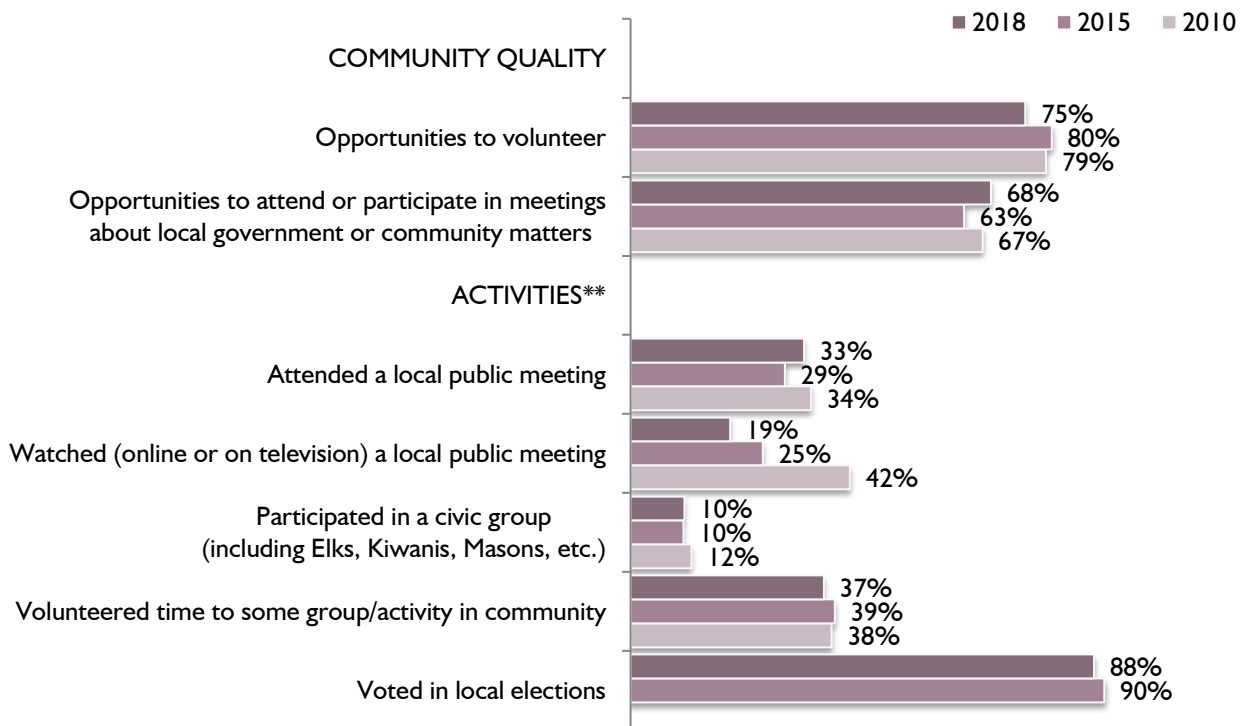
Productivity is the touchstone of a thriving old age. Productive activities such as traditional and non-traditional forms of work and maintenance of social ties combine with health and personal characteristics to promote quality in later life and contribute to active aging.<sup>2</sup> This section of the report examines the extent of older adults’ engagement in the Denver Metro Region as determined by their participation in social and leisure programs and their time spent attending or viewing civic meetings, volunteering or providing help to others. The economic value of these contributions to the community is explored as well.

### Civic Engagement

In communities where residents care about local politics and social conditions, where they feel engaged and effective, there is greater social, economic and cultural prosperity. Civic activity, whether volunteering, participating in religious or political groups or being active in community decision-making, not only provides benefit to communities but also serves seniors themselves, namely, civically engaged seniors are less likely to become injured or to die prematurely.<sup>3</sup>

In the Denver Metro Region, a majority of older residents rated the opportunities to volunteer favorably and over one-third participated in some kind of volunteer work, a volunteer rate similar to other communities in the U.S. Opportunities to attend or participate in meetings about local government or community matters received ratings higher than the national average (see *Appendix C: Benchmark Comparisons* for details).

Figure 6: Civic Engagement in the Denver Metro Region



Percent rating positively (e.g. excellent or good)

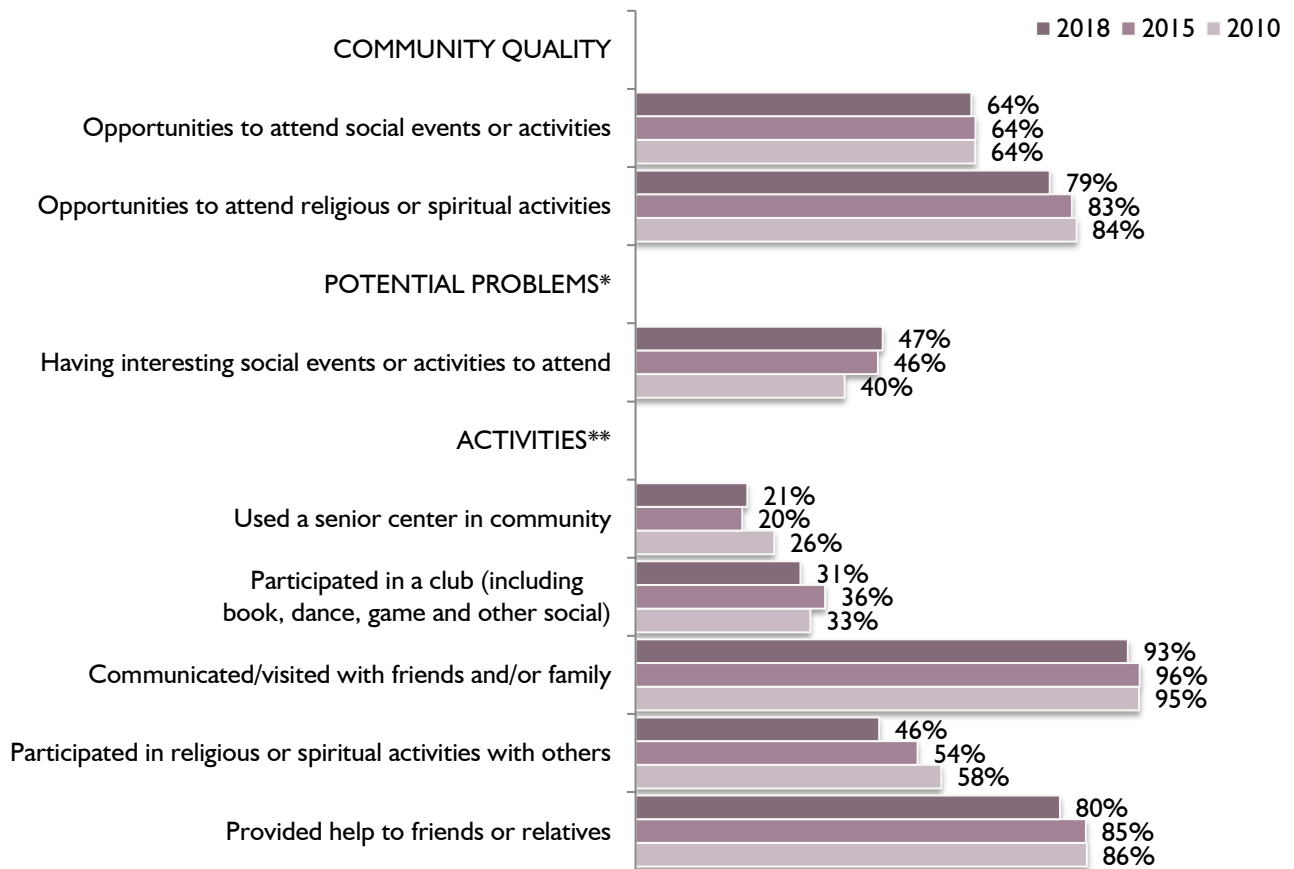
\*\*Percent at least once, ever or always or usually

## Social Engagement

Communities are the foundation for social life. Sociologist Eric Klinenberg describes communities as “the soil out of which social networks grow and develop or, alternatively, wither and devolve.”<sup>4</sup> DRCOG has a great potential to strengthen the community by fostering increased social engagement of its older residents.

About two-thirds of older residents rated opportunities to attend social activities as “excellent” or “good” and a higher proportion rated opportunities to attend religious or spiritual activities this way. About half of seniors said that they had at least “minor” problems having interesting social events or activities to attend. Close to 5 in 10 older residents engaged in religious or spiritual activities while 3 in 10 participated in clubs. About 2 in 10 used a senior center, which often serves as a social hub for seniors; its use by older residents was on par with the senior center use in other communities (see *Appendix C: Benchmark Comparisons*).

**Figure 7: Social Engagement in the Denver Metro Region**



Percent rating positively (e.g. excellent or good)

\*Percent rating as at least a minor problem

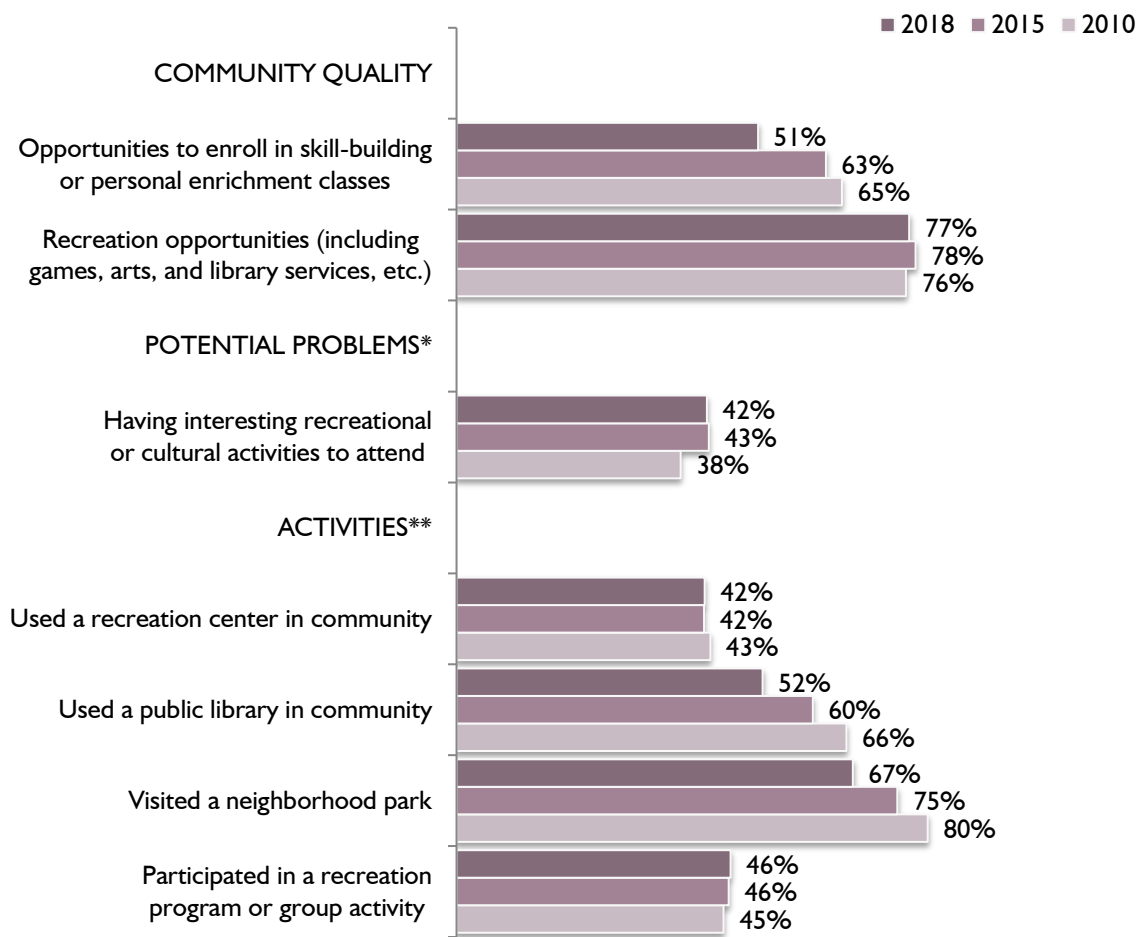
\*\*Percent at least once or ever

## Recreation

Once work becomes a part-time endeavor or thing of the past, residents have the time for and require the health benefits from regular leisure activities, including the stimulation derived from personal enrichment. Ample opportunities for these activities make a community more attractive to its residents. Most older residents in the Denver Metro Region viewed recreation opportunities favorably, but only about half said opportunities to enroll in skill-building or personal enrichment classes were “excellent” or “good,” which was fewer than in past years.

Older residents were most likely have visited a neighborhood park and least likely to have used a recreation center, although 42% did so. Library use was lower in 2018 than in 2015 and lower than the national average (see *Appendix C: Benchmark Comparisons* for details). Less than half of seniors said that they had at least “minor” problems with having interesting recreational or cultural activities to attend.

**Figure 8: Recreational and Personal Enrichment in the Denver Metro Region**



Percent rating positively (e.g. excellent or good)

\*Percent rating as at least a minor problem

\*\*Percent at least once or ever

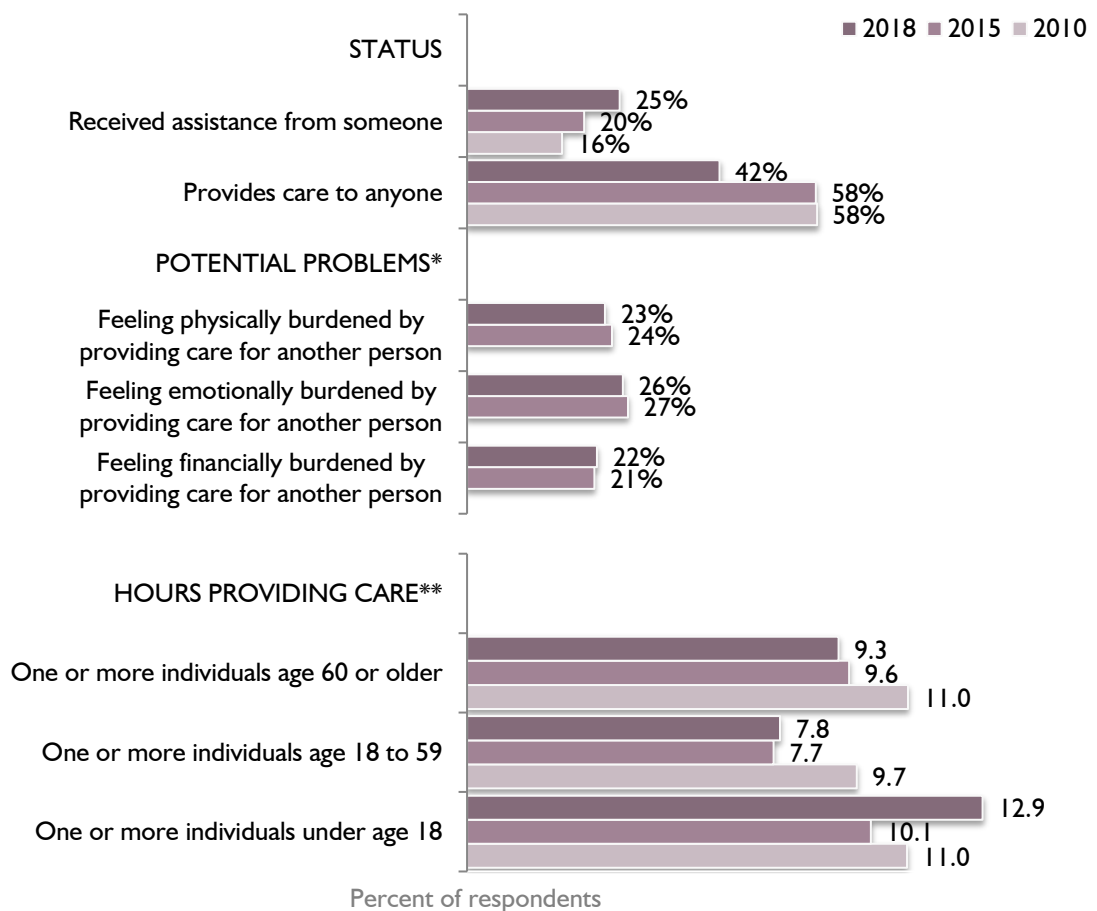


## Caregiving

More than 10 million people nationwide have disabling conditions that affect their ability to live independently<sup>5</sup> and almost 80% of these residents are seniors. Those who provide care to a loved one or friend with such a condition often feel a sense of contribution and personal worth despite the physical, emotional and financial burden such care can produce. While care is most often provided by family members and is unpaid, its value has been estimated at \$350 billion annually.<sup>6</sup>

Overall, 42% older residents in the Denver Metro Region said they were providing care for others and 25% were the recipients of care. Survey participants rated the extent to which they experienced physical strain, emotional stress or financial hardship as a result of being a caregiver. Generally, about one-quarter felt burdened by their caregiving responsibilities, providing about 8 to 13 hours of care each week on average.

**Figure 9: Caregiving in the Denver Metro Region**



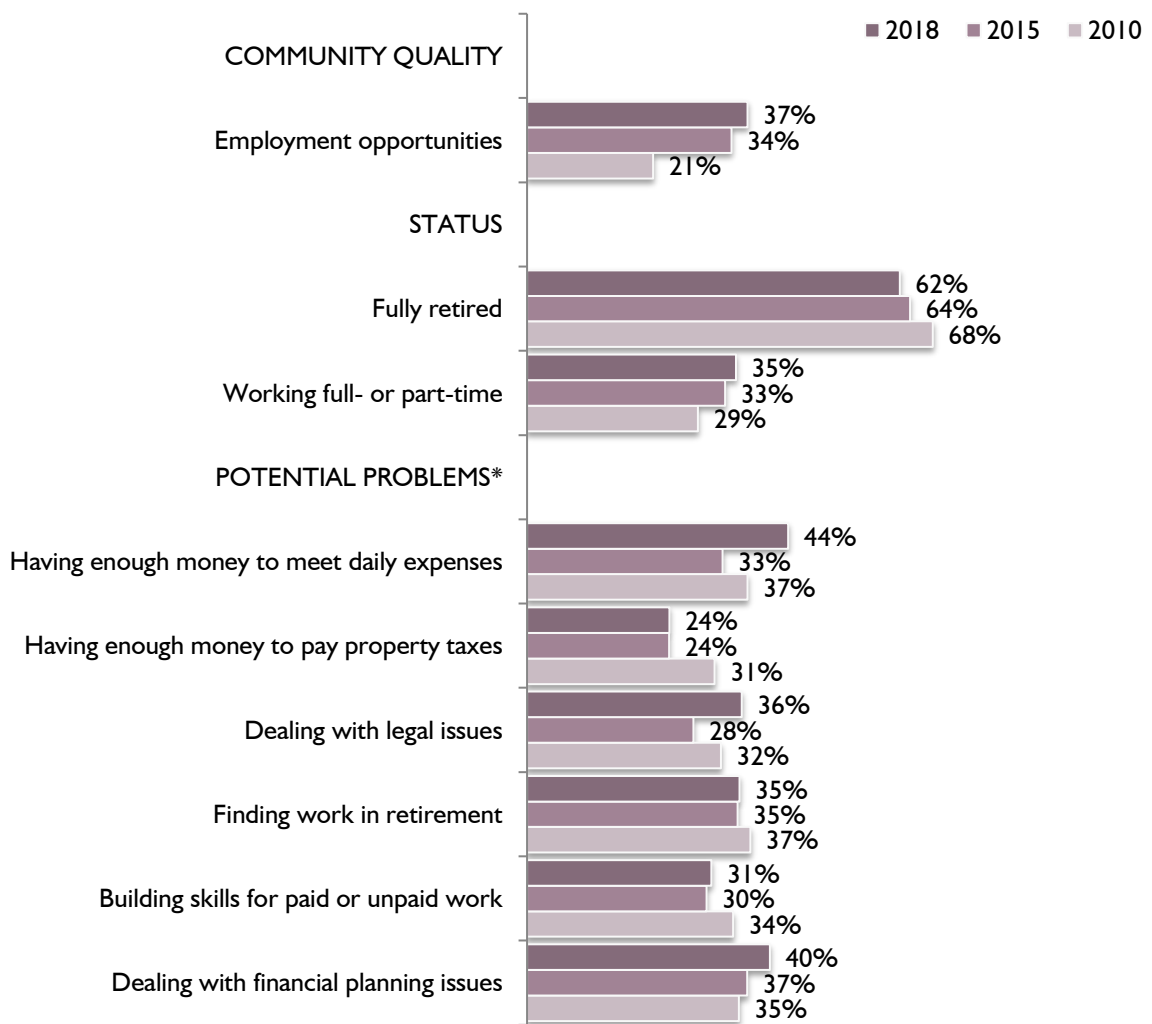
\*Percent rating as at least a minor problem  
 \*\*Average number of hours of those who provide care

## Economic Contribution

Recent studies have estimated that 70-80% of those 45 and older plan to continue working in their “retirement” years for a number of reasons including financial stability, the enjoyment of work and the desire to try something new.<sup>7</sup> About 35% of older residents were still working full- or part-time. For those respondents who had not retired, the average age of expected retirement was 72 years old.

Regardless of residents’ work status, 44% experienced at least “minor” problems with having enough money to meet daily expenses and 24% had some issues paying their property taxes. Further, about 35% had problems with finding work in retirement and slightly fewer had problems with building skills for paid or unpaid work. The proportions of older adults that had financial problems (paying daily expenses or property taxes) in the Denver Metro Region were similar to other communities (see *Appendix C: Benchmark Comparisons* for details).

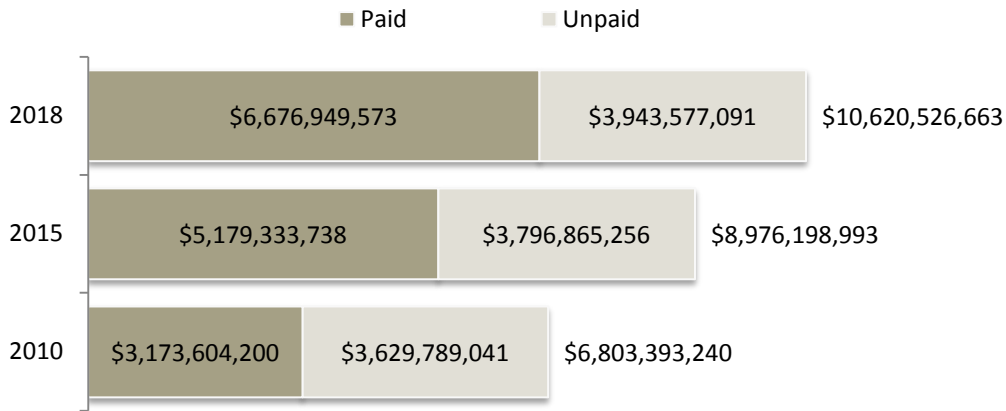
**Figure 10: Employment in the Denver Metro Region**



Percent of respondents  
 Percent rating positively (e.g. excellent or good)  
 \*Percent rating as at least a minor problem

Productive behavior is “any activity, paid or unpaid, that generates goods or services of economic value.”<sup>2</sup> Productive activities include both paid and unpaid work of many kinds as well as services to friends, family or neighbors. Older adults provide significant contributions (paid and unpaid) to the communities in which they live. In addition to their paid work, older adults contributed to the Denver Metro Region’s economy through volunteering, providing informal help to family and friends and caregiving. The value of these paid and unpaid contributions totaled nearly \$11 billion in a 12-month period (see *Appendix B: Survey Methodology* for additional detail).

**Figure 11: Economic Contribution of Older Adults in the Denver Metro Region**



## Health and Wellness

---

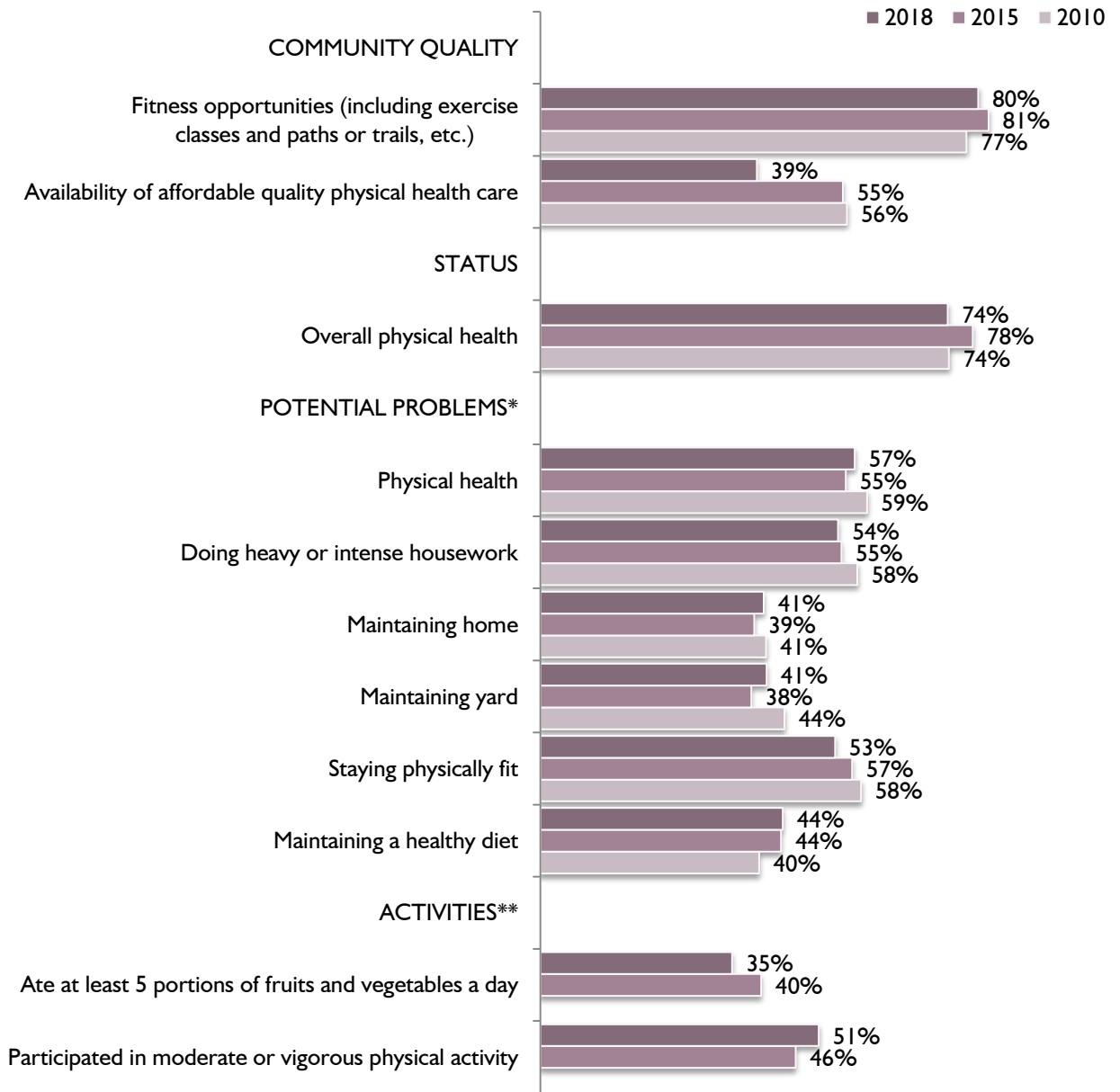
A growing senior population needs community supports to maintain the health and independence of its members. Health and wellness for the purposes of this study included not only physical and mental health, but issues of independent living and health care.

### Physical Health

Across the Denver Metro Region, about 8 in 10 older residents felt they had good fitness opportunities (including exercise classes and paths or trails, etc.) but only about 4 in 10 felt they had good access to quality physical health care (see Figure 12). Access to quality physical health care declined between 2015 and 2018 as was rated lower than the national average (see *Appendix C: Benchmark Comparisons*). Most older residents rated their overall physical health as “excellent” or “good” with many participating in healthy activities such as eating fruits and vegetables (35%) and exercising regularly (51%).

Respondents reported the extent to which they had experienced problems with various physical health-related issues in the 12 months prior to the survey. The most commonly cited problems included physical health, staying fit and doing heavy or intense housework. The proportions of older residents reporting physical health problems were on par with national averages.

Figure 12: Physical Health in the Denver Metro Region



Percent rating positively (e.g. excellent or good)

\*Percent rating as at least a minor problem

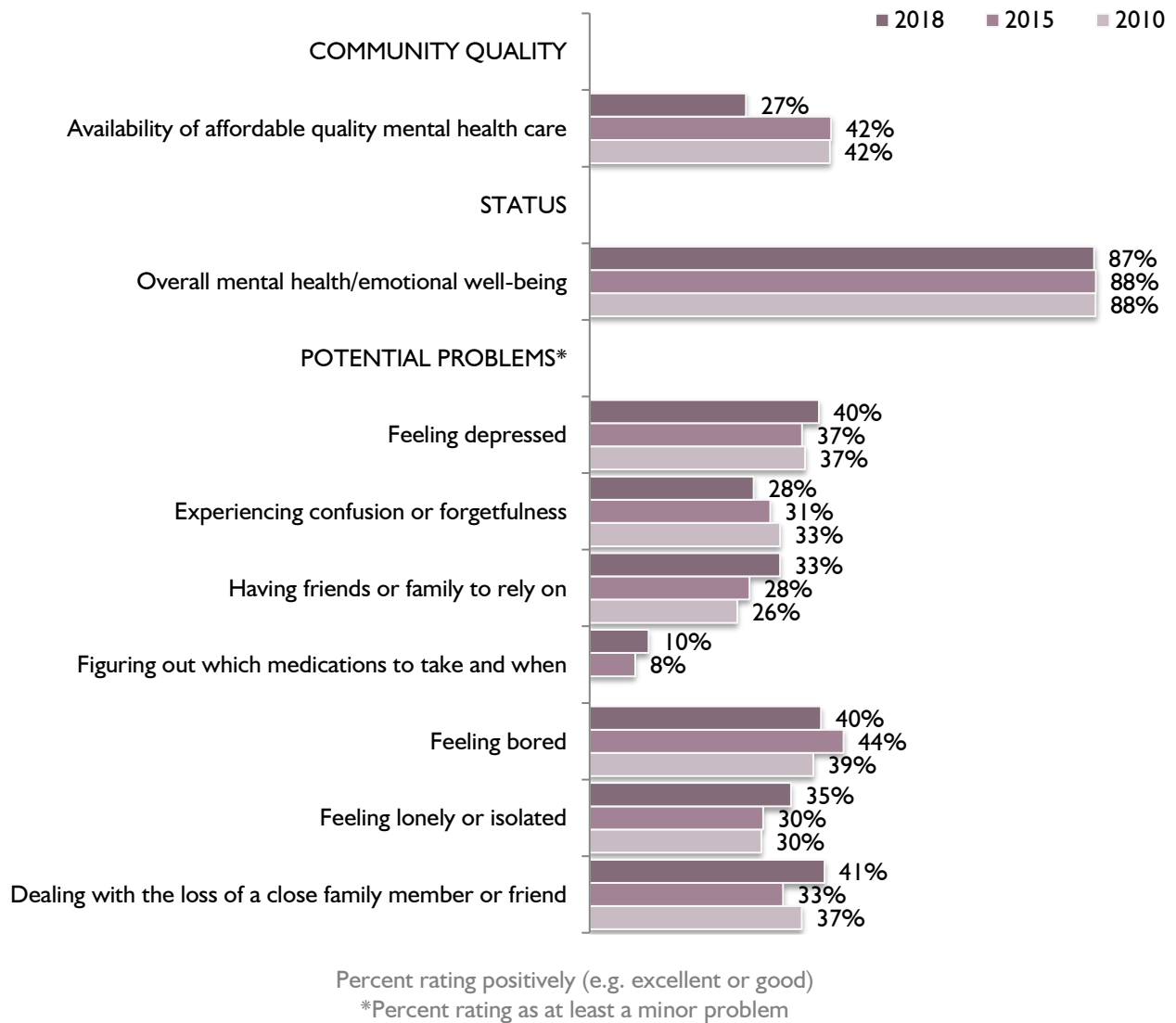
\*\*Percent at least always or usually

## Mental Health

In addition to rating aspects of physical health, older residents provided insight into aspects of their mental health. About 3 in 10 older residents felt there was “excellent” or “good” availability of mental health care in the Denver Metro Region while 9 in 10 rated their overall mental health/emotional wellbeing as “excellent” or “good.”

While few older adults reported poor emotional wellbeing, they still reported at least “minor” problems with some aspects of their mental health. The most commonly cited mental health issues included feeling bored or depressed or dealing with a loss, while the least cited issue was figuring out which medications to take and when. The proportion of people experiencing these aspects of mental health in the Denver Metro Region were similar to other communities across the nation (see *Appendix C: Benchmark Comparisons* for details).

**Figure 13: Mental Health in the Denver Metro Region**

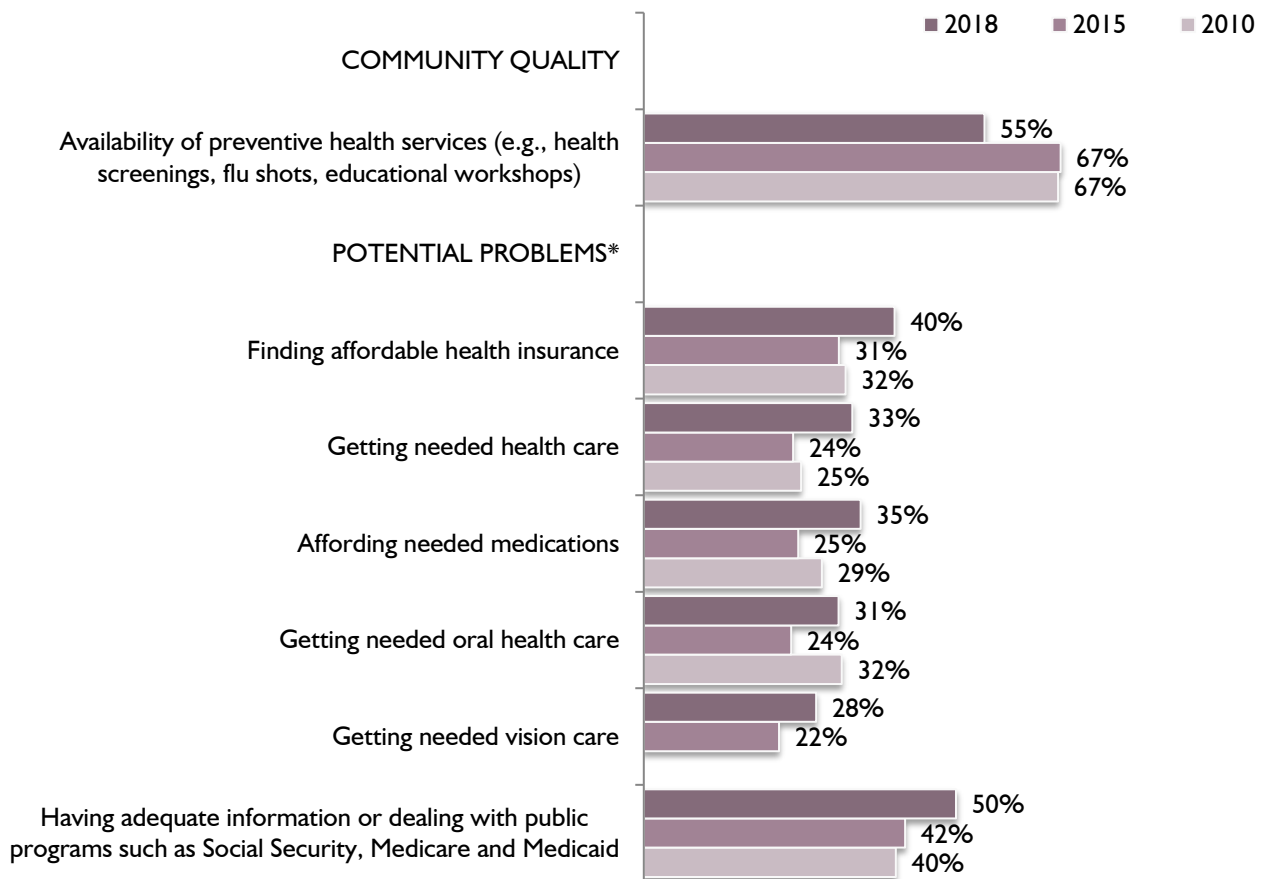


## Health Care

About 55% of DRCOG’s older residents rated the availability of preventive health services. Compared to other communities across the nation, elders rated the availability of preventive health services in the Denver Metro Region similar to the availability of these services found elsewhere (see *Appendix C: Benchmark Comparisons* for details).

Older residents reported more problems with aspects of health care in 2018 compared to 2015. The most commonly cited health care issues included having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid and finding affordable health care insurance. About one-third of DRCOG’s older residents reported issues with getting needed care (i.e., health, oral and vision).

**Figure 14: Health Care in the Denver Metro Region**



Percent rating positively (e.g. excellent or good)

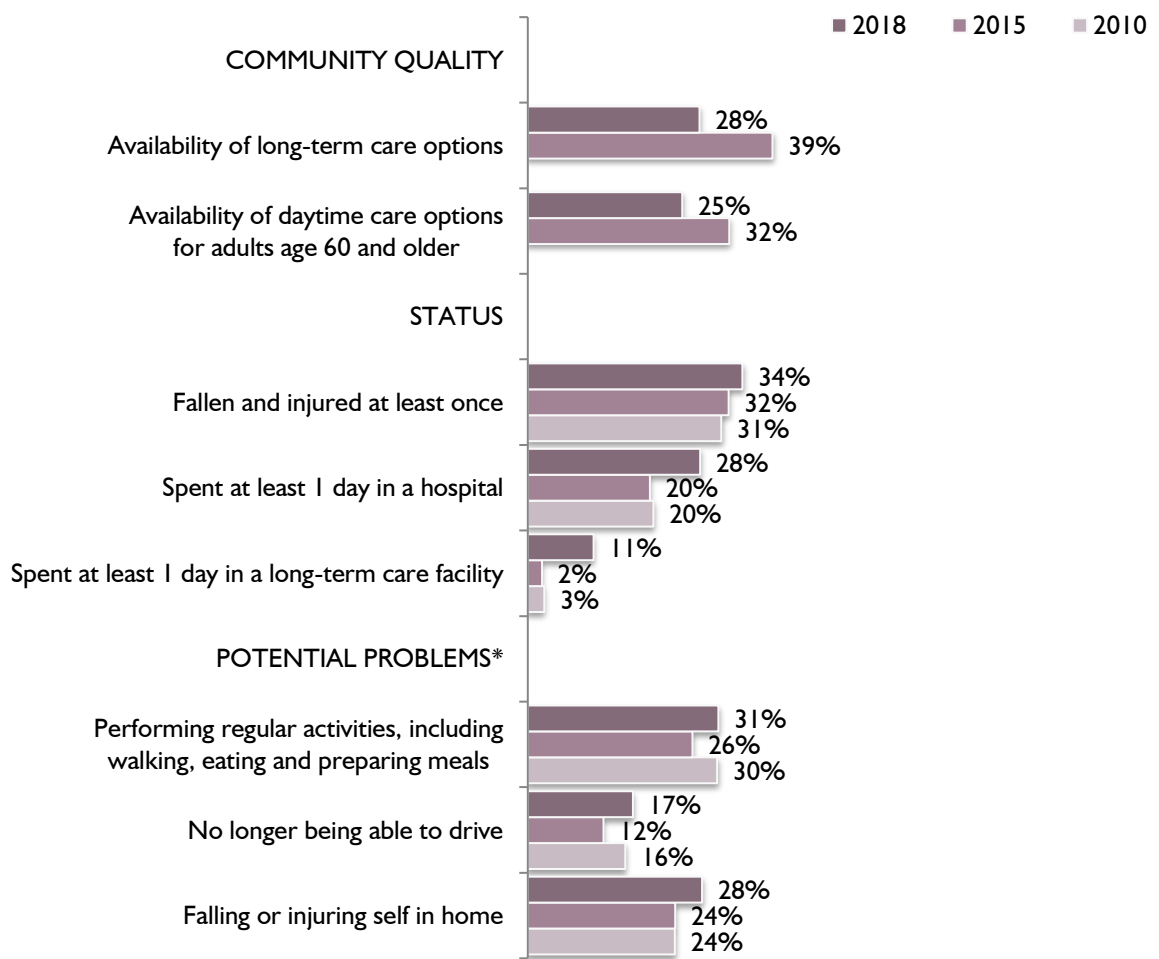
\*Percent rating as at least a minor problem

## Independent Living

For those unable to live independently (either temporarily or permanently), having care options available could mean the difference between remaining in or leaving the community. Only 3 in 10 of DRCOG’s older residents rated the availability of long-term care options favorably and slightly fewer felt positive about the availability of daytime care options. As for hospitalizations, 28% of respondents reported spending time in a hospital, although 34% had fallen and injured themselves in the 12 months prior to the survey.

Overall, one-third of older adults reported at least “minor” problems with aspects of independent living. Notably, 31% reported having problems with performing regular activities, including walking, eating and preparing meals. Problems with aspects of independent living were similar to national averages (see *Appendix C: Benchmark Comparisons* for details).

**Figure 15: Independent Living in the Denver Metro Region**



Percent rating positively (e.g. excellent or good)

\*Percent rating as at least a minor problem



## Community Design and Land Use

---

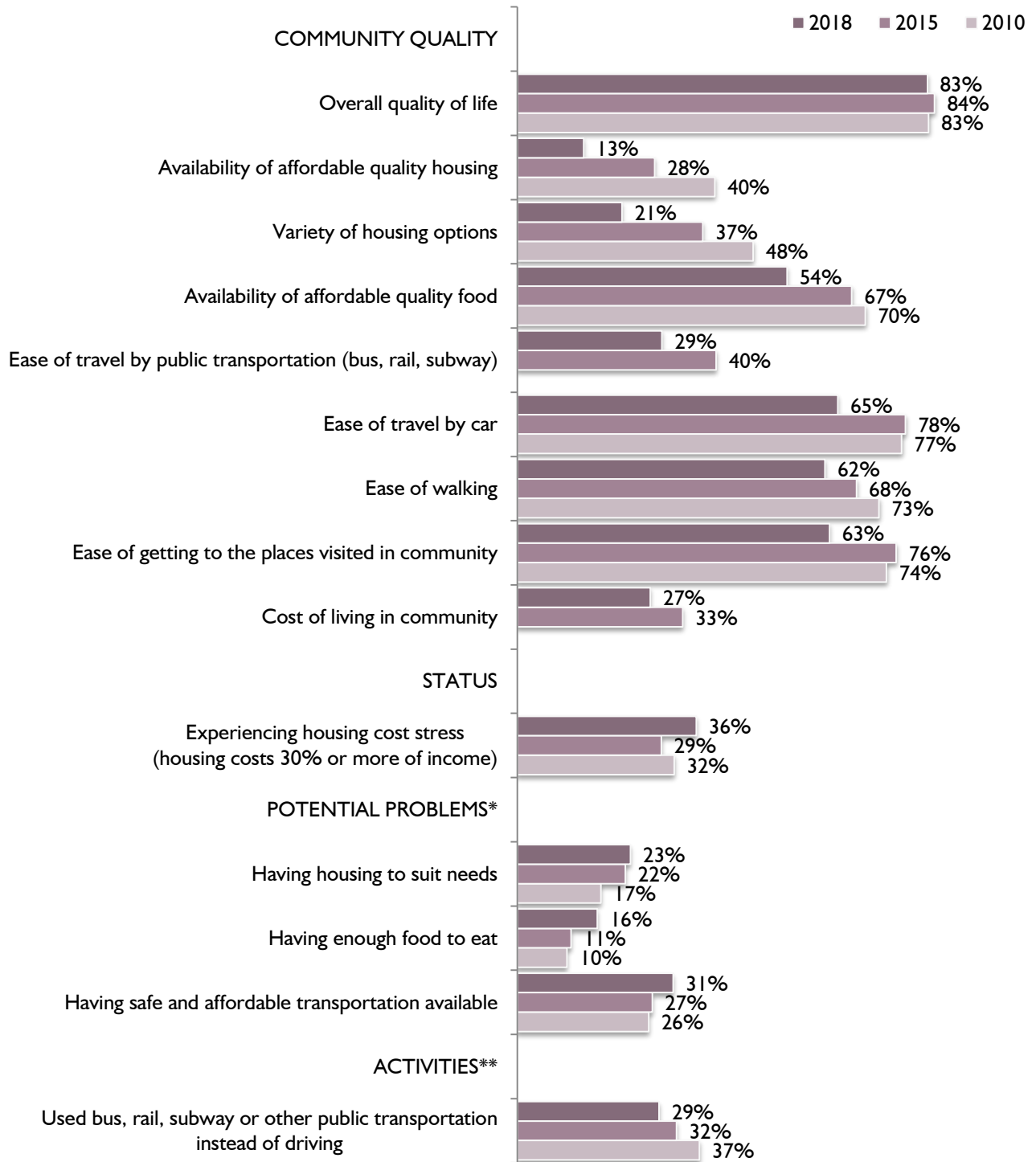
The movement in America towards designing more “livable” communities – those with mixed-use neighborhoods, higher-density development, increased connections, shared community spaces and more human-scale design – will become a necessity for communities to age successfully. Generally, communities that have planned for older adults tend to emphasize access and to facilitate movement and participation by locating services in or close to residences, providing convenient transportation alternatives and making walking routes attractive.

Ultimately, a community that has planned well by promoting mobility, independence and meaningful engagement of its older residents provides a high quality of life for residents of all ages. In the Denver Metro Region, 8 in 10 older residents rated their overall quality of life as “excellent” or “good” (see Figure 16). DRCOG’s elders’ quality of life was rated similar to other communities in the U.S. (see *Appendix C: Benchmark Comparisons* for details).

Few older residents felt they had good access to a variety of affordable quality housing which, ratings that were in steep decline from 2010 to 2018. Only 27% felt positively about the cost of living in the community. Generally, aspects of transportation (ease of car travel and ease of walking) in the Denver Metro Region received ratings similar to communities across the U.S., while aspects of housing (affordable quality and variety) were less favorable. About 3 in 10 survey respondents reported having used bus, rail, subway or other public transportation instead of driving.

One-third or fewer older adults experienced problems related to basic necessities of daily living including having safe and affordable transportation, having housing to suit their needs or having enough food to eat. Daily living problems in the Denver Metro Region were on par with national averages.

Figure 16: Community Design and Land Use in the Denver Metro Region



Percent rating positively (e.g. excellent or good)

\*Percent rating as at least a minor problem

\*\*Percent at least once or ever

## Community Readiness

Communities that assist older adults to remain or become active community participants provide the requisite opportunities for recreation, transportation, culture, education, communication, social connection, spiritual enrichment and health care. It is not a package mix, so each community must identify what its older adults seek and what the community provides. The judgments of the residents for whom community planning takes place provide the elements of an equation that describes overall community quality in the Denver Metro Region (Figure 17).

The following section of this report summarizes how older residents view the Denver Metro Region as a community that creates a thriving environment for its older adults within the six community dimensions of Overall Community Quality, Community and Belonging, Community Information, Productive Activities, Health and Wellness and Community Design and Land Use.

Further, older adults, more than others, face difficulties with aspects of everyday life. For many older adults these difficulties vastly exceed the minor physical pains or small losses of function that characterize almost everyone's circumstances after a certain age. When individual problems are added together, a group picture emerges that provides a useful description of the entire community. Nationally, areas where older adults face the largest share of life's challenges include caregiving, health and mental health, in-home support, nutrition and food security and transportation. This study also explored specific problems or stressors encountered by older adults in DRCOG's service area, such as physical and emotional difficulties and injuries that have compromised their independence. Within the five community dimensions of Community and Belonging, Community Information, Productive Activities, Health and Wellness and Community Design and Land Use, the magnitude of these individual-level needs is presented (Figure 20), culminating in an exploration of high-risk populations (Figure 21).

## Opportunities and Challenges

Survey respondents were asked to rate a number of aspects of the community which were converted to an average scale of 0 (the lowest rating, e.g., “poor”) to 100 (the highest rating, e.g., “excellent”) and then combined to provide one overall rating (index<sup>1</sup>) for each of the six dimensions of Community Readiness. (For more information on how the summary scores were calculated see *Appendix B: Survey Methodology*.)

Summary scores provide a broad picture of the perceived fit between what DRCOG offered to older adults and what older residents needed:

- Older residents felt their needs were best met in the areas of Overall Community Quality and Productive Activities
- Community Information and Community Design and Land Use were rated less favorably and received the lowest average ratings
- Most ratings of the dimensions of Community Readiness declined between 2015 and 2018 (see Figure 18)

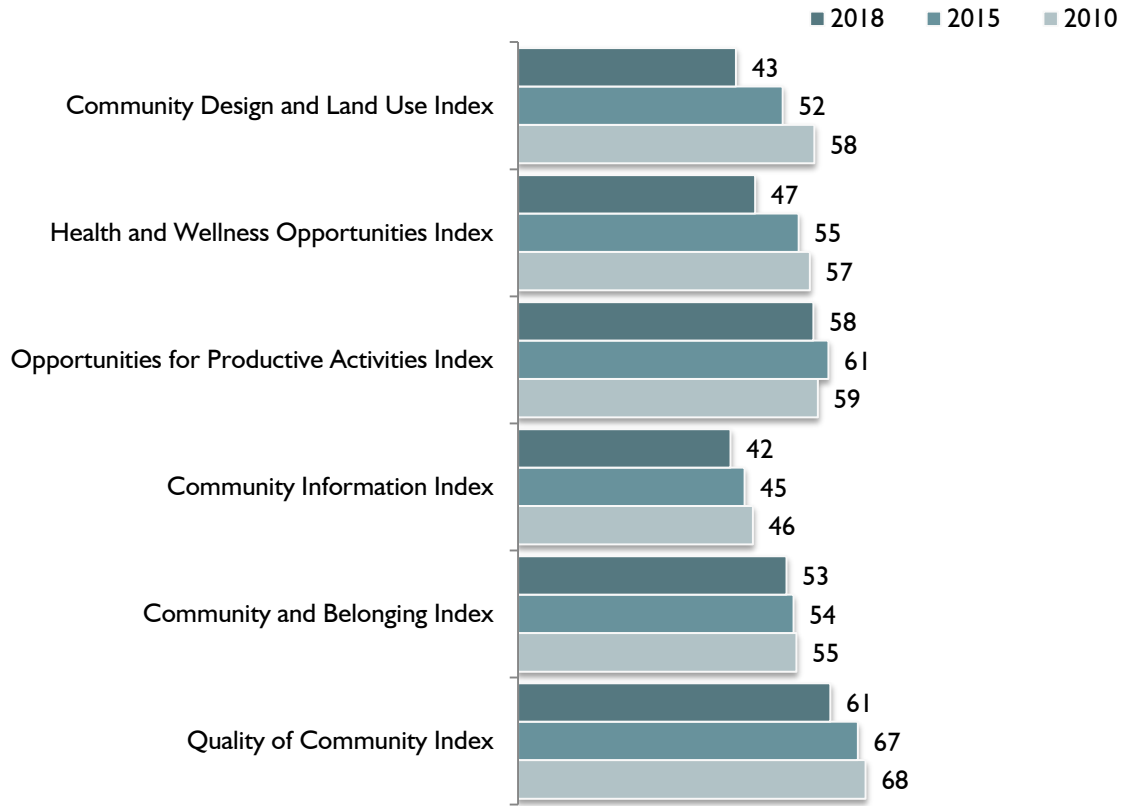
**Figure 17: Denver Metro Region Community Readiness Chart**



Scale: 0=Lowest/most negative, 100=Highest/most positive

<sup>1</sup> These ratings are not to be understood like ratings from school tests. Because they are summaries of several questions that range from 0 as “poor,” 33 as “fair,” 66 as “good” and 100 as “excellent”, a score of 58, as one example, should be interpreted as closer to “good” than “fair” (with the midpoint of the scale, 50, representing equidistance between “good” and “fair”).

Figure 18: Denver Metro Region Community Readiness by Year



Scale: 0=Lowest/most negative, 100=Highest/most positive

## Older Resident Needs in the Denver Metro Region

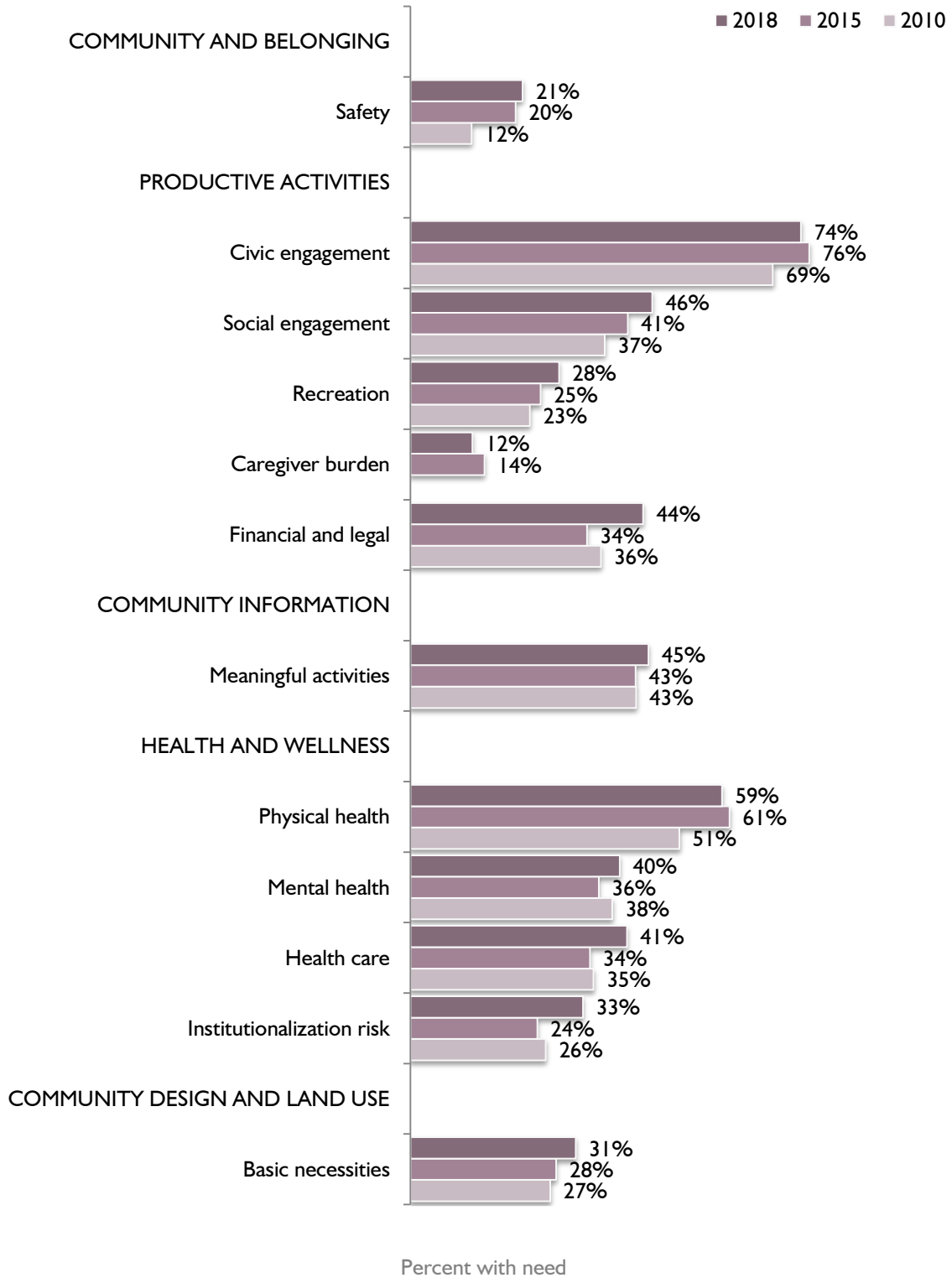
---

Over 40 individual survey questions about specific problems faced by older community members, as well as participation levels and community engagement were summarized into 12 larger areas to provide a broad picture of older resident needs in the Denver Metro Region. (*Appendix B: Survey Methodology* provides detailed information on the criteria used to identify respondents as having a need in a specific area.) These 12 areas have been organized into the five community dimensions of Community and Belonging, Community Information, Productive Activities, Health and Wellness and Community Design and Land Use (no needs areas have been defined for the community dimension of Overall Community Quality).

Typically, it is understood that the self-reported needs of older adults represent a minimum level, a conservative estimate attenuated by respondents' strong desire to feel and appear self-reliant and further reduced by the silent voice of some older adults who, no matter how sensitive the attempt, are too frail to participate in any survey enterprise. Nonetheless, clear patterns of needs and strengths emerged from this assessment:

- Older residents had the largest needs in the areas of civic engagement and physical health
- Few reported needs in the areas of caregiver burden and safety
- Compared to 2015, needs in the areas of financial and legal, health care and institutionalization risk increased in 2018 (see Figure 19)

Figure 19: Older Adult Needs in the Denver Metro Region by Community Dimension by Year



While older residents reported the lowest prevalence of need in the areas of safety and caregiver burden, needs can be quite serious for those affected. Some needs, however rare, can have a particularly devastating impact on residents’ quality of life (e.g., needing help transferring from bed to wheelchair or feeling unsafe), so it is important to consider both the prevalence of the need and its centrality to residents’ sustained independence.

**Figure 20: Older Resident Needs in the Denver Metro Region**

	Percent with need	Number affected in 2018 (N=542,439)*
<b>COMMUNITY AND BELONGING</b>		
Safety	21%	115,348
<b>PRODUCTIVE ACTIVITIES</b>		
Civic engagement	74%	401,950
Social engagement	46%	248,888
Recreation	28%	153,010
Caregiver burden	12%	63,709
Financial and legal	44%	239,525
<b>COMMUNITY INFORMATION</b>		
Meaningful activities	45%	244,918
<b>HEALTH AND WELLNESS</b>		
Physical health	59%	320,632
Mental health	40%	215,392
Health care	41%	222,846
Institutionalization risk	28%	151,859
<b>COMMUNITY DESIGN AND LAND USE</b>		
Basic necessities	31%	170,193

\* Estimated, based on Colorado State Demography Office, Single Year of Age Data 1990-2050



## Populations at High Risk

As people age, many learn to take better care of themselves, to plan for retirement and, generally, to move more deliberately. Aging builds wisdom but can sap resources — physical, emotional and financial. Even those blessed by good luck or those prescient enough to plan comprehensively for the best future may find themselves with unanticipated needs or with physical, emotional or financial strengths that could endure only with help. Some people age better than others and aging well requires certain strengths that are inherent and others that can be supported by assistance from the private sector and government. For older adults in the Denver Metro Region, although needs were spread across the board, residents reporting the largest percent of unresolved needs were more likely to be age 60 to 64, report a lower income, rent their homes or live alone.

**Figure 21: Needs of Older Population by Sociodemographic Characteristics, Percent and Number affected in 2018 (N=542,439)\***

	Community and Belonging		Productive Activities		Community Information		Health and Wellness		Community Design and Land Use	
Female	22%	59,147	41%	119,348	41%	115,016	43%	122,755	35%	100,446
Male	20%	46,167	42%	107,815	50%	125,620	41%	103,894	27%	67,237
60 to 64 years	27%	46,016	48%	91,409	52%	97,260	45%	86,169	34%	65,323
65 to 74 years	17%	35,756	41%	92,520	44%	97,277	38%	85,162	31%	67,901
75 or over	19%	22,864	34%	43,726	38%	47,359	45%	56,780	28%	35,826
White	19%	84,931	41%	195,403	45%	210,449	41%	192,381	30%	142,079
Not white	33%	18,870	45%	31,709	44%	28,959	47%	33,108	41%	28,057
Hispanic	25%	14,096	43%	29,065	41%	27,404	47%	31,638	44%	29,273
Not Hispanic	20%	90,106	42%	197,492	45%	211,815	41%	194,811	29%	139,137
Less than \$25,000	36%	46,910	56%	85,912	58%	85,904	54%	82,626	52%	78,740
\$25,000 to \$74,999	22%	45,346	42%	91,010	47%	100,677	45%	97,976	34%	73,917
\$75,000 or more	10%	16,494	30%	52,023	37%	62,802	28%	48,653	10%	16,825
Own	15%	60,176	38%	159,729	42%	173,737	36%	153,362	23%	97,985
Rent	43%	46,035	56%	67,222	57%	66,132	60%	73,065	59%	70,595
Lives alone	31%	59,337	46%	95,678	49%	98,797	50%	102,515	44%	90,405
Lives with others	15%	46,280	39%	131,472	43%	142,364	37%	123,757	23%	78,127
Overall	21%	115,348	42%	227,102	45%	244,918	42%	227,760	31%	170,193

\* Estimated, based on Colorado State Demography Office, Single Year of Age Data 1990-2050

## Responses to Custom Questions

In addition to the uniform questions on CASOA, DRCOG included its own unique questions on the survey to aid in planning, resource allocation and policy analysis. “Don’t know” responses have been removed from the analysis for the following questions, when applicable.

**Table 1: Question 2 Custom Items**

Please rate each of the following characteristics as they relate to adults age 60 or older in your community	Percent rating as excellent or good
Availability of services at the senior center	53%
Quality of senior nutrition programs	43%
Accessibility of long term care options that are open and accepting toward people of diverse backgrounds	25%
Accessibility of daytime care options that are open and accepting toward people of diverse backgrounds	25%

**Table 2: Question 4 Custom Items**

In general, how informed or uninformed do you feel about the following?	Percent rating as very or somewhat informed
Long term care options (i.e. nursing homes, home care)	35%
Information on planning for the future	42%

**Table 3: Question 6 Custom Items**

Please rate each of the following characteristics as they relate to adults age 60 or older in your community	Percent rating as at least a minor problem
Having tooth or mouth problems	38%
Feeling overwhelmed and/or exhausted when caring for another person	27%

**Table 4: Question 15**

How frequently, if ever, do you do each of the following things on the Internet (using a computer, tablet, cell phone, etc.)?	Percent rating as at least monthly
Use email, texting or video to communicate	88%
Get the news or weather	87%
Research or study a topic of interest	80%
If you have a question, use Internet to find the answer	80%
Shop, search for products and services	77%
Find directions or look up a map	71%
Banking online (paying bills, investing, etc.)	64%
Look up health and medical information	55%
Use social media (Facebook, Twitter, LinkedIn)	49%
Find info on community resources and events	47%
Share opinions, post to a blog, review a product or service	27%
Work from home	23%
Engage in civic activities (participate in a discussion about community and government issues; research information about an issue or a candidate)	23%
Communicate with government (seek services, get a license, discuss a problem)	13%
Attend an online class or training	10%
Sell goods and services online, advertise	6%

**Table 5: Question 16**

How comfortable, if at all, are you at each of the following?	Percent rating as very or somewhat comfortable
Using a computer laptop/desktop	91%
Using smartphone or tablet computer	87%
Accessing the Internet	91%
Using email	93%
Locating information online (bus schedules, weather, news, etc.)	89%
Using social networking sites (Facebook, Twitter, etc.)	72%

**Table 6: Question D15**

Are you a grandparent raising a grandchild?	Percent of respondents
Yes	6%
No	94%
Total	100%

# Appendix A: Complete Set of Survey Responses

The following pages contain a complete set of responses to each question on the survey. The percent of respondents giving a particular response is shown followed by the number of respondents (denoted with “N=”). When respondents had the option to select “don’t know” on a question, two tables are presented. The first shows the frequency of responses excluding “don’t know” and the second shows the frequency including “don’t know.”

**Table 7: Question 1 (excluding "don't know")**

Please circle the number that comes closest to your opinion for each of the following questions.	Excellent		Good		Fair		Poor		Total	
How do you rate your community as a place to live?	34%	N=412	51%	N=622	12%	N=140	3%	N=40	100%	N=1214
How do you rate your community as a place to retire?	21%	N=244	41%	N=475	25%	N=287	13%	N=146	100%	N=1152

**Table 8: Question 1 (including "don't know")**

Please circle the number that comes closest to your opinion for each of the following questions.	Excellent		Good		Fair		Poor		Don't know		Total	
How do you rate your community as a place to live?	34%	N=412	51%	N=622	11%	N=140	3%	N=40	0%	N=3	100%	N=1217
How do you rate your community as a place to retire?	21%	N=244	40%	N=475	24%	N=287	12%	N=146	3%	N=35	100%	N=1187

**Table 9: Question 2 (excluding "don't know")**

Please rate each of the following characteristics as they relate to adults age 60 or older in your community:	Excellent		Good		Fair		Poor		Total	
Opportunities to volunteer	28%	N=277	47%	N=464	17%	N=172	8%	N=76	100%	N=990
Employment opportunities	6%	N=54	31%	N=268	33%	N=292	30%	N=262	100%	N=876
Opportunities to enroll in skill-building or personal enrichment classes	13%	N=122	38%	N=341	32%	N=293	17%	N=153	100%	N=909
Recreation opportunities (including games, arts, and library services, etc.)	31%	N=354	45%	N=516	17%	N=198	6%	N=68	100%	N=1135
Fitness opportunities (including exercise classes and paths or trails, etc.)	36%	N=421	43%	N=503	14%	N=167	6%	N=71	100%	N=1162
Opportunities to attend social events or activities	21%	N=229	42%	N=455	28%	N=300	8%	N=90	100%	N=1075
Opportunities to attend religious or spiritual activities	30%	N=314	48%	N=500	17%	N=175	5%	N=47	100%	N=1036
Opportunities to attend or participate in meetings about local	19%	N=205	49%	N=530	22%	N=232	10%	N=108	100%	N=1075

CASOA™ Report of Results

Please rate each of the following characteristics as they relate to adults age 60 or older in your community:	Excellent		Good		Fair		Poor		Total	
government or community matters										
Availability of affordable quality housing	3%	N=30	11%	N=110	30%	N=314	57%	N=593	100%	N=1046
Variety of housing options	4%	N=42	17%	N=178	36%	N=380	43%	N=446	100%	N=1045
Availability of long-term care options	5%	N=37	23%	N=187	33%	N=269	39%	N=320	100%	N=813
Availability of daytime care options for adults age 60 and older	5%	N=36	19%	N=130	34%	N=227	41%	N=276	100%	N=669
Availability of information about resources for adults age 60 and older	8%	N=74	32%	N=286	38%	N=333	22%	N=195	100%	N=887
Availability of financial or legal planning services	5%	N=38	34%	N=260	32%	N=247	29%	N=218	100%	N=763
Availability of affordable quality physical health care	9%	N=93	30%	N=297	31%	N=308	30%	N=296	100%	N=994
Availability of affordable quality mental health care	7%	N=50	21%	N=155	34%	N=256	39%	N=296	100%	N=756
Availability of preventive health services (e.g., health screenings, flu shots, educational workshops)	16%	N=174	39%	N=425	27%	N=293	18%	N=202	100%	N=1094
Availability of affordable quality food	14%	N=158	40%	N=460	25%	N=285	21%	N=235	100%	N=1139
Sense of community	14%	N=150	38%	N=423	32%	N=351	16%	N=180	100%	N=1103
Openness and acceptance of the community towards residents age 60 and older of diverse backgrounds	13%	N=122	43%	N=406	32%	N=307	12%	N=116	100%	N=951
Ease of travel by public transportation in your community	7%	N=71	23%	N=242	27%	N=290	44%	N=471	100%	N=1074
Ease of travel by car in your community	22%	N=263	42%	N=501	26%	N=310	9%	N=109	100%	N=1183
Ease of walking in your community	20%	N=241	42%	N=503	25%	N=297	13%	N=159	100%	N=1200
Ease of getting to the places you usually have to visit	16%	N=192	47%	N=568	26%	N=313	11%	N=135	100%	N=1208
Overall feeling of safety in your community	23%	N=273	48%	N=575	21%	N=252	8%	N=97	100%	N=1197
Valuing residents age 60 and older in your community	12%	N=122	40%	N=396	37%	N=369	11%	N=113	100%	N=1001
Neighborliness of your community	15%	N=178	36%	N=427	33%	N=388	16%	N=193	100%	N=1184
Cost of living in your community	4%	N=52	22%	N=255	43%	N=498	30%	N=342	100%	N=1147
Availability of services at the senior center	13%	N=96	40%	N=304	28%	N=213	18%	N=138	100%	N=751
Quality of senior nutrition programs	9%	N=47	35%	N=189	30%	N=163	27%	N=146	100%	N=545
Accessibility of long term care options that are open and accepting toward people of diverse backgrounds	4%	N=20	21%	N=106	37%	N=189	38%	N=190	100%	N=505
Accessibility of daytime care options that are open and accepting toward people of diverse backgrounds	4%	N=20	20%	N=96	35%	N=165	40%	N=188	100%	N=470

Table 10: Question 2 (including "don't know")

Please rate each of the following characteristics as they relate to adults age 60 or older in your community:	Excellent		Good		Fair		Poor		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Opportunities to volunteer	23%	N=277	38%	N=464	14%	N=172	6%	N=76	19%	N=232	100%	N=1222
Employment opportunities	4%	N=54	22%	N=268	24%	N=292	22%	N=262	28%	N=337	100%	N=1213
Opportunities to enroll in skill-building or personal enrichment classes	10%	N=122	28%	N=341	24%	N=293	13%	N=153	25%	N=301	100%	N=1210
Recreation opportunities (including games, arts, and library services, etc.)	29%	N=354	42%	N=516	16%	N=198	6%	N=68	7%	N=80	100%	N=1215
Fitness opportunities (including exercise classes and paths or trails, etc.)	34%	N=421	41%	N=503	14%	N=167	6%	N=71	5%	N=62	100%	N=1225
Opportunities to attend social events or activities	19%	N=229	37%	N=455	25%	N=300	7%	N=90	12%	N=144	100%	N=1219
Opportunities to attend religious or spiritual activities	26%	N=314	41%	N=500	14%	N=175	4%	N=47	15%	N=185	100%	N=1221
Opportunities to attend or participate in meetings about local government or community matters	17%	N=205	44%	N=530	19%	N=232	9%	N=108	12%	N=142	100%	N=1217
Availability of affordable quality housing	2%	N=30	9%	N=110	26%	N=314	49%	N=593	13%	N=161	100%	N=1207
Variety of housing options	3%	N=42	15%	N=178	31%	N=380	37%	N=446	13%	N=162	100%	N=1208
Availability of long-term care options	3%	N=37	16%	N=187	22%	N=269	27%	N=320	33%	N=395	100%	N=1208
Availability of daytime care options for adults age 60 and older	3%	N=36	11%	N=130	19%	N=227	23%	N=276	45%	N=541	100%	N=1210
Availability of information about resources for adults age 60 and older	6%	N=74	24%	N=286	27%	N=333	16%	N=195	27%	N=325	100%	N=1212
Availability of financial or legal planning services	3%	N=38	21%	N=260	20%	N=247	18%	N=218	37%	N=445	100%	N=1208
Availability of affordable quality physical health care	8%	N=93	24%	N=297	25%	N=308	24%	N=296	18%	N=224	100%	N=1217
Availability of affordable quality mental health care	4%	N=50	13%	N=155	21%	N=256	24%	N=296	38%	N=460	100%	N=1216
Availability of preventive health services (e.g., health screenings, flu shots, educational workshops)	14%	N=174	35%	N=425	24%	N=293	17%	N=202	10%	N=122	100%	N=1216
Availability of affordable quality food	13%	N=158	38%	N=460	24%	N=285	19%	N=235	6%	N=71	100%	N=1209
Sense of community	12%	N=150	35%	N=423	29%	N=351	15%	N=180	8%	N=95	100%	N=1198
Openness and acceptance of the community towards residents age 60 and older of diverse backgrounds	10%	N=122	34%	N=406	25%	N=307	10%	N=116	21%	N=260	100%	N=1212
Ease of travel by public transportation in your community	6%	N=71	20%	N=242	24%	N=290	39%	N=471	11%	N=136	100%	N=1211
Ease of travel by car in your community	22%	N=263	41%	N=501	26%	N=310	9%	N=109	2%	N=28	100%	N=1211
Ease of walking in your community	20%	N=241	41%	N=503	24%	N=297	13%	N=159	2%	N=20	100%	N=1220
Ease of getting to the places you usually have to visit	16%	N=192	47%	N=568	26%	N=313	11%	N=135	1%	N=13	100%	N=1220

CASOA™ Report of Results

Please rate each of the following characteristics as they relate to adults age 60 or older in your community:	Excellent		Good		Fair		Poor		Don't know		Total	
Overall feeling of safety in your community	22%	N=273	47%	N=575	21%	N=252	8%	N=97	2%	N=19	100%	N=1216
Valuing residents age 60 and older in your community	10%	N=122	33%	N=396	30%	N=369	9%	N=113	18%	N=213	100%	N=1214
Neighborliness of your community	15%	N=178	35%	N=427	32%	N=388	16%	N=193	3%	N=35	100%	N=1220
Cost of living in your community	4%	N=52	21%	N=255	41%	N=498	28%	N=342	5%	N=63	100%	N=1210
Availability of services at the senior center	8%	N=96	25%	N=304	17%	N=213	11%	N=138	38%	N=468	100%	N=1219
Quality of senior nutrition programs	4%	N=47	16%	N=189	14%	N=163	12%	N=146	54%	N=652	100%	N=1196
Accessibility of long term care options that are open and accepting toward people of diverse backgrounds	2%	N=20	9%	N=106	16%	N=189	16%	N=190	58%	N=712	100%	N=1218
Accessibility of daytime care options that are open and accepting toward people of diverse backgrounds	2%	N=20	8%	N=96	14%	N=165	16%	N=188	61%	N=740	100%	N=1210

Table 11: Question 3 (excluding "don't know")

How would you rate the overall services provided to adults age 60 and older in your community?	Percent	Number
Excellent	8%	N=80
Good	45%	N=437
Fair	32%	N=309
Poor	15%	N=148
Total	100%	N=975

Table 12: Question 3 (including "don't know")

How would you rate the overall services provided to adults age 60 and older in your community?	Percent	Number
Excellent	7%	N=80
Good	37%	N=437
Fair	26%	N=309
Poor	13%	N=148
Don't know	17%	N=197
Total	100%	N=1172

**Table 13: Question 4**

In general, how informed or uninformed do you feel about the following?	Very informed		Somewhat informed		Somewhat uninformed		Very uninformed		Total	
	%	N	%	N	%	N	%	N	%	N
Services and activities available to adults age 60 and older in your community?	12%	N=149	44%	N=527	23%	N=277	21%	N=253	100%	N=1207
Long term care options (i.e. nursing homes, home care)	8%	N=102	26%	N=313	30%	N=363	35%	N=424	100%	N=1202
Information on planning for the future	12%	N=144	30%	N=357	30%	N=361	28%	N=333	100%	N=1195

**Table 14: Question 5 (excluding "don't know")**

Please circle the number that comes closest to your opinion for each of the following questions.	Excellent		Good		Fair		Poor		Total	
	%	N	%	N	%	N	%	N	%	N
How do you rate your overall physical health?	20%	N=239	54%	N=661	21%	N=256	5%	N=61	100%	N=1217
How do you rate your overall mental health/emotional well-being?	32%	N=386	55%	N=674	11%	N=133	2%	N=21	100%	N=1214
How do you rate your overall quality of life?	29%	N=351	54%	N=651	15%	N=182	2%	N=29	100%	N=1212

**Table 15: Question 5 (including "don't know")**

Please circle the number that comes closest to your opinion for each of the following questions.	Excellent		Good		Fair		Poor		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
How do you rate your overall physical health?	20%	N=239	54%	N=661	21%	N=256	5%	N=61	0%	N=0	100%	N=1217
How do you rate your overall mental health/emotional well-being?	32%	N=386	55%	N=674	11%	N=133	2%	N=21	0%	N=3	100%	N=1217
How do you rate your overall quality of life?	29%	N=351	54%	N=651	15%	N=182	2%	N=29	0%	N=2	100%	N=1214

**Table 16: Question 6 (excluding "don't know")**

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Total	
	%	N	%	N	%	N	%	N	%	N
Having housing to suit your needs	77%	N=925	11%	N=133	7%	N=89	4%	N=51	100%	N=1198
Your physical health	43%	N=524	32%	N=393	19%	N=238	5%	N=66	100%	N=1220
Performing regular activities, including walking, eating and preparing meals	69%	N=842	17%	N=210	10%	N=125	3%	N=36	100%	N=1212
Having enough food to eat	84%	N=1021	9%	N=107	5%	N=62	2%	N=27	100%	N=1217
Doing heavy or intense housework	46%	N=559	29%	N=350	17%	N=201	9%	N=107	100%	N=1218



CASOA™ Report of Results

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Total	
Having safe and affordable transportation available	69%	N=804	15%	N=175	9%	N=104	8%	N=88	100%	N=1171
No longer being able to drive	83%	N=913	5%	N=60	5%	N=50	7%	N=75	100%	N=1099
Feeling depressed	60%	N=729	27%	N=322	10%	N=116	3%	N=42	100%	N=1208
Experiencing confusion or forgetfulness	72%	N=868	21%	N=249	6%	N=79	1%	N=16	100%	N=1212
Maintaining your home	59%	N=716	28%	N=335	10%	N=119	3%	N=34	100%	N=1204
Maintaining your yard	59%	N=663	24%	N=266	12%	N=130	6%	N=66	100%	N=1125
Finding productive or meaningful activities to do	67%	N=793	19%	N=224	10%	N=119	4%	N=49	100%	N=1185
Having friends or family you can rely on	67%	N=803	18%	N=212	9%	N=112	6%	N=71	100%	N=1197
Falling or injuring yourself in your home	72%	N=865	21%	N=250	5%	N=61	2%	N=25	100%	N=1200
Finding affordable health insurance	60%	N=717	17%	N=207	11%	N=134	12%	N=143	100%	N=1200
Getting the health care you need	67%	N=807	19%	N=226	8%	N=102	6%	N=78	100%	N=1213
Affording the medications you need	65%	N=784	19%	N=223	10%	N=125	6%	N=71	100%	N=1202
Figuring out which medications to take and when	90%	N=1080	7%	N=89	2%	N=24	1%	N=10	100%	N=1203
Getting the oral health care you need	69%	N=830	14%	N=165	9%	N=115	8%	N=97	100%	N=1207
Having tooth or mouth problems	62%	N=747	20%	N=244	9%	N=106	9%	N=109	100%	N=1205
Getting the vision care you need	72%	N=880	13%	N=163	10%	N=116	5%	N=57	100%	N=1216
Having enough money to meet daily expenses	56%	N=687	25%	N=303	11%	N=133	8%	N=94	100%	N=1218
Having enough money to pay your property taxes	76%	N=836	12%	N=134	8%	N=83	4%	N=43	100%	N=1096
Staying physically fit	47%	N=565	33%	N=398	15%	N=184	6%	N=67	100%	N=1214
Maintaining a healthy diet	56%	N=679	28%	N=337	12%	N=146	4%	N=51	100%	N=1213
Having interesting recreational or cultural activities to attend	58%	N=652	21%	N=242	15%	N=165	7%	N=74	100%	N=1132
Having interesting social events or activities to attend	53%	N=598	24%	N=267	16%	N=184	7%	N=78	100%	N=1126
Feeling bored	60%	N=723	24%	N=293	11%	N=131	5%	N=59	100%	N=1206
Feeling like your voice is heard in the community	44%	N=408	28%	N=260	15%	N=135	13%	N=117	100%	N=921
Finding meaningful volunteer work	66%	N=588	19%	N=169	8%	N=75	7%	N=59	100%	N=891
Feeling physically burdened by providing care for another person	77%	N=801	13%	N=139	7%	N=74	2%	N=26	100%	N=1041
Feeling emotionally burdened by providing care for another person	74%	N=775	16%	N=162	7%	N=74	3%	N=36	100%	N=1047
Feeling financially burdened by providing care for another person	78%	N=814	13%	N=140	6%	N=66	2%	N=20	100%	N=1040
Feeling overwhelmed and/or exhausted when caring for another person	73%	N=742	17%	N=176	7%	N=75	2%	N=25	100%	N=1018
Dealing with legal issues	64%	N=686	20%	N=213	10%	N=106	6%	N=65	100%	N=1069
Having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid	50%	N=555	26%	N=286	18%	N=196	7%	N=76	100%	N=1113
Finding work in retirement	65%	N=526	11%	N=87	14%	N=116	11%	N=87	100%	N=816

CASOA™ Report of Results

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Total	
	%	N	%	N	%	N	%	N	%	N
Building skills for paid or unpaid work	69%	N=561	9%	N=72	12%	N=100	10%	N=77	100%	N=811
Not knowing what services are available to adults age 60 and older in your community	40%	N=397	23%	N=230	19%	N=190	17%	N=164	100%	N=981
Feeling lonely or isolated	65%	N=742	21%	N=234	9%	N=107	5%	N=57	100%	N=1139
Dealing with the loss of a close family member or friend	59%	N=651	23%	N=249	10%	N=114	8%	N=83	100%	N=1098
Being a victim of crime	84%	N=906	10%	N=103	3%	N=32	4%	N=40	100%	N=1081
Being a victim of fraud or a scam	81%	N=877	10%	N=113	5%	N=53	4%	N=46	100%	N=1089
Being physically or emotionally abused	92%	N=992	6%	N=64	0%	N=3	2%	N=23	100%	N=1082
Dealing with financial planning issues	60%	N=668	22%	N=248	12%	N=133	6%	N=73	100%	N=1122
Being treated unfairly or discriminated against because of your age	70%	N=774	15%	N=164	10%	N=105	5%	N=59	100%	N=1101

Table 17: Question 6 (including "don't know")

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Having housing to suit your needs	76%	N=925	11%	N=133	7%	N=89	4%	N=51	2%	N=21	100%	N=1218
Your physical health	43%	N=524	32%	N=393	19%	N=238	5%	N=66	0%	N=0	100%	N=1220
Performing regular activities, including walking, eating and preparing meals	69%	N=842	17%	N=210	10%	N=125	3%	N=36	0%	N=3	100%	N=1215
Having enough food to eat	84%	N=1021	9%	N=107	5%	N=62	2%	N=27	0%	N=3	100%	N=1220
Doing heavy or intense housework	46%	N=559	29%	N=350	16%	N=201	9%	N=107	1%	N=7	100%	N=1225
Having safe and affordable transportation available	66%	N=804	14%	N=175	9%	N=104	7%	N=88	4%	N=50	100%	N=1221
No longer being able to drive	76%	N=913	5%	N=60	4%	N=50	6%	N=75	9%	N=107	100%	N=1205
Feeling depressed	60%	N=729	26%	N=322	10%	N=116	3%	N=42	1%	N=10	100%	N=1217
Experiencing confusion or forgetfulness	71%	N=868	20%	N=249	6%	N=79	1%	N=16	1%	N=8	100%	N=1220
Maintaining your home	59%	N=716	27%	N=335	10%	N=119	3%	N=34	2%	N=19	100%	N=1223
Maintaining your yard	56%	N=663	22%	N=266	11%	N=130	6%	N=66	6%	N=67	100%	N=1193
Finding productive or meaningful activities to do	65%	N=793	18%	N=224	10%	N=119	4%	N=49	3%	N=34	100%	N=1219
Having friends or family you can rely on	67%	N=803	18%	N=212	9%	N=112	6%	N=71	1%	N=7	100%	N=1204
Falling or injuring yourself in your home	71%	N=865	21%	N=250	5%	N=61	2%	N=25	1%	N=14	100%	N=1214
Finding affordable health insurance	59%	N=717	17%	N=207	11%	N=134	12%	N=143	1%	N=14	100%	N=1214

CASOA™ Report of Results

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Getting the health care you need	66%	N=807	19%	N=226	8%	N=102	6%	N=78	0%	N=3	100%	N=1215
Affording the medications you need	64%	N=784	18%	N=223	10%	N=125	6%	N=71	1%	N=18	100%	N=1220
Figuring out which medications to take and when	89%	N=1080	7%	N=89	2%	N=24	1%	N=10	1%	N=18	100%	N=1220
Getting the oral health care you need	68%	N=830	14%	N=165	9%	N=115	8%	N=97	1%	N=18	100%	N=1224
Having tooth or mouth problems	61%	N=747	20%	N=244	9%	N=106	9%	N=109	1%	N=13	100%	N=1218
Getting the vision care you need	72%	N=880	13%	N=163	10%	N=116	5%	N=57	0%	N=2	100%	N=1219
Having enough money to meet daily expenses	56%	N=687	25%	N=303	11%	N=133	8%	N=94	0%	N=3	100%	N=1221
Having enough money to pay your property taxes	69%	N=836	11%	N=134	7%	N=83	4%	N=43	9%	N=107	100%	N=1203
Staying physically fit	46%	N=565	33%	N=398	15%	N=184	6%	N=67	0%	N=4	100%	N=1218
Maintaining a healthy diet	56%	N=679	28%	N=337	12%	N=146	4%	N=51	0%	N=4	100%	N=1217
Having interesting recreational or cultural activities to attend	54%	N=652	20%	N=242	14%	N=165	6%	N=74	7%	N=79	100%	N=1211
Having interesting social events or activities to attend	49%	N=598	22%	N=267	15%	N=184	6%	N=78	7%	N=90	100%	N=1216
Feeling bored	59%	N=723	24%	N=293	11%	N=131	5%	N=59	1%	N=15	100%	N=1221
Feeling like your voice is heard in the community	34%	N=408	22%	N=260	11%	N=135	10%	N=117	24%	N=287	100%	N=1208
Finding meaningful volunteer work	49%	N=588	14%	N=169	6%	N=75	5%	N=59	26%	N=309	100%	N=1199
Feeling physically burdened by providing care for another person	66%	N=801	12%	N=139	6%	N=74	2%	N=26	14%	N=165	100%	N=1206
Feeling emotionally burdened by providing care for another person	64%	N=775	13%	N=162	6%	N=74	3%	N=36	14%	N=167	100%	N=1214
Feeling financially burdened by providing care for another person	67%	N=814	11%	N=140	5%	N=66	2%	N=20	14%	N=174	100%	N=1214
Feeling overwhelmed and/or exhausted when caring for another person	63%	N=742	15%	N=176	6%	N=75	2%	N=25	14%	N=165	100%	N=1184
Dealing with legal issues	58%	N=686	18%	N=213	9%	N=106	5%	N=65	9%	N=110	100%	N=1179
Having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid	46%	N=555	24%	N=286	16%	N=196	6%	N=76	7%	N=80	100%	N=1193
Finding work in retirement	46%	N=526	8%	N=87	10%	N=116	8%	N=87	29%	N=338	100%	N=1154
Building skills for paid or unpaid work	49%	N=561	6%	N=72	9%	N=100	7%	N=77	30%	N=344	100%	N=1154
Not knowing what services are available to adults age 60 and older in your community	34%	N=397	20%	N=230	16%	N=190	14%	N=164	16%	N=185	100%	N=1166

CASOA™ Report of Results

The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?	Not a problem		Minor problem		Moderate problem		Major problem		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Feeling lonely or isolated	63%	N=742	20%	N=234	9%	N=107	5%	N=57	4%	N=42	100%	N=1181
Dealing with the loss of a close family member or friend	55%	N=651	21%	N=249	10%	N=114	7%	N=83	7%	N=79	100%	N=1177
Being a victim of crime	76%	N=906	9%	N=103	3%	N=32	3%	N=40	9%	N=106	100%	N=1187
Being a victim of fraud or a scam	74%	N=877	10%	N=113	4%	N=53	4%	N=46	8%	N=95	100%	N=1183
Being physically or emotionally abused	84%	N=992	5%	N=64	0%	N=3	2%	N=23	8%	N=93	100%	N=1174
Dealing with financial planning issues	57%	N=668	21%	N=248	11%	N=133	6%	N=73	5%	N=56	100%	N=1178
Being treated unfairly or discriminated against because of your age	66%	N=774	14%	N=164	9%	N=105	5%	N=59	7%	N=79	100%	N=1180

Table 18: Question 7

Thinking back over the past 12 months, how many days did you spend in...	No days (zero)		One to two days		Three to five days		Six or more days		Total	
	%	N	%	N	%	N	%	N	%	N
A hospital	77%	N=896	10%	N=114	9%	N=103	4%	N=52	100%	N=1166
In a long-term care facility (including nursing home or in-patient rehabilitation)	96%	N=1107	0%	N=4	1%	N=7	3%	N=29	100%	N=1148

Table 19: Question 8 (excluding "don't know")

Thinking back over the past 12 months, how many times have you fallen and injured yourself? Was it...	Percent	Number
Never	66%	N=781
Once or twice	30%	N=354
3-5 times	3%	N=42
More than 5 times	1%	N=15
Total	100%	N=1191

**Table 20: Question 8 (including "don't know")**

Thinking back over the past 12 months, how many times have you fallen and injured yourself? Was it...	Percent	Number
Never	65%	N=781
Once or twice	30%	N=354
3-5 times	3%	N=42
More than 5 times	1%	N=15
Don't know	0%	N=2
Total	100%	N=1193

**Table 21: Question 9 (excluding "don't know")**

How likely or unlikely are you to recommend living in your community to adults age 60 and older?	Percent	Number
Very likely	29%	N=224
Somewhat likely	37%	N=289
Somewhat unlikely	18%	N=140
Very unlikely	16%	N=126
Total	100%	N=779

**Table 22: Question 9 (including "don't know")**

How likely or unlikely are you to recommend living in your community to adults age 60 and older?	Percent	Number
Very likely	27%	N=224
Somewhat likely	35%	N=289
Somewhat unlikely	17%	N=140
Very unlikely	15%	N=126
Don't know	7%	N=56
Total	100%	N=834

**Table 23: Question 10 (excluding "don't know")**

How likely or unlikely are you to remain in your community throughout your retirement?	Percent	Number
Very likely	50%	N=396
Somewhat likely	23%	N=187
Somewhat unlikely	10%	N=83
Very unlikely	17%	N=132
Total	100%	N=799

**Table 24: Question 10 (including "don't know")**

How likely or unlikely are you to remain in your community throughout your retirement?	Percent	Number
Very likely	47%	N=396
Somewhat likely	22%	N=187
Somewhat unlikely	10%	N=83
Very unlikely	16%	N=132
Don't know	4%	N=36
Total	100%	N=834

**Table 25: Question 11**

In the last 12 month, about how many times, if ever, have you participated in or done each of the following?	2 times a week or more		2-4 times a month		Once a month or less		Not at all		Total	
Used a senior center in your community	6%	N=66	5%	N=59	11%	N=125	79%	N=933	100%	N=1184
Used a recreation center in your community	15%	N=175	9%	N=110	18%	N=212	58%	N=686	100%	N=1183
Used a public library in your community	11%	N=128	16%	N=190	25%	N=292	48%	N=569	100%	N=1179
Used bus, rail, subway or other public transportation instead of driving	5%	N=60	6%	N=74	17%	N=203	71%	N=844	100%	N=1181
Visited a neighborhood park	16%	N=185	22%	N=253	30%	N=349	33%	N=386	100%	N=1172
Attended a local public meeting	2%	N=20	7%	N=80	24%	N=288	67%	N=792	100%	N=1181
Watched (online or on television) a local public meeting	2%	N=23	3%	N=35	14%	N=166	81%	N=964	100%	N=1189

**Table 26: Question 12 (excluding "don't know")**

During a typical week, how many hours do you spend providing care for one or more individuals with whom you have a significant relationship (such as spouse, other relative, partner, friend, neighbor or child), whether or not they live with you?	Never (no hours)		1 to 3 hours		4 to 5 hours		6 to 10 hours		11 to 20 hours		20 or more hours		Total	
One or more individuals age 60 or older	72%	N=811	12%	N=133	6%	N=67	4%	N=41	2%	N=22	5%	N=58	100%	N=1132
One or more individuals age 18 to 59	85%	N=936	7%	N=72	3%	N=33	3%	N=31	0%	N=3	2%	N=23	100%	N=1097
One or more individuals under age 18	84%	N=917	5%	N=59	1%	N=16	2%	N=27	2%	N=18	5%	N=50	100%	N=1087

**Table 27: Question 12 (including "don't know")**

During a typical week, how many hours do you spend providing care for one or more individuals with whom you have a significant relationship (such as spouse, other relative, partner, friend, neighbor or child), whether or not they live with you?	Never (no hours)		1 to 3 hours		4 to 5 hours		6 to 10 hours		11 to 20 hours		20 or more hours		Don't know		Total	
	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One or more individuals age 60 or older	70%	N=811	11%	N=133	6%	N=67	4%	N=41	2%	N=22	5%	N=58	2%	N=22	100%	N=1154
One or more individuals age 18 to 59	83%	N=936	6%	N=72	3%	N=33	3%	N=31	0%	N=3	2%	N=23	3%	N=36	100%	N=1132
One or more individuals under age 18	81%	N=917	5%	N=59	1%	N=16	2%	N=27	2%	N=18	4%	N=50	4%	N=47	100%	N=1134

**Table 28: Question 13 (excluding "don't know")**

During a typical week, how many hours, if any, do you spend doing the following?	Never (no hours)		1 to 3 hours		4 to 5 hours		6 to 10 hours		11 or more hours		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Participating in a club (including book, dance, game and other social)	69%	N=815	19%	N=221	6%	N=69	4%	N=43	3%	N=38	100%	N=1186
Participating in a civic group (including Elks, Kiwanis, Masons, etc.)	90%	N=1064	7%	N=83	1%	N=11	1%	N=16	1%	N=10	100%	N=1185
Communicating/visiting with friends and/or family	7%	N=78	36%	N=420	26%	N=307	13%	N=150	19%	N=226	100%	N=1181
Participating in religious or spiritual activities with others	54%	N=642	31%	N=368	6%	N=76	6%	N=66	3%	N=41	100%	N=1193
Participating in a recreation program or group activity	54%	N=635	25%	N=296	13%	N=148	5%	N=57	4%	N=48	100%	N=1183
Providing help to friends or relatives	20%	N=231	49%	N=575	17%	N=198	9%	N=104	6%	N=74	100%	N=1182
Volunteering your time to some group/activity in your community	63%	N=741	20%	N=229	9%	N=105	5%	N=56	3%	N=39	100%	N=1170

**Table 29: Question 13 (including "don't know")**

During a typical week, how many hours, if any, do you spend doing the following?	Never (no hours)		1 to 3 hours		4 to 5 hours		6 to 10 hours		11 or more hours		Don't know		Total	
Participating in a club (including book, dance, game and other social)	67%	N=815	18%	N=221	6%	N=69	4%	N=43	3%	N=38	2%	N=24	100%	N=1210
Participating in a civic group (including Elks, Kiwanis, Masons, etc.)	88%	N=1064	7%	N=83	1%	N=11	1%	N=16	1%	N=10	2%	N=29	100%	N=1214
Communicating/visiting with friends and/or family	7%	N=78	35%	N=420	26%	N=307	12%	N=150	19%	N=226	1%	N=17	100%	N=1197
Participating in religious or spiritual activities with others	53%	N=642	30%	N=368	6%	N=76	5%	N=66	3%	N=41	1%	N=17	100%	N=1210
Participating in a recreation program or group activity	52%	N=635	24%	N=296	12%	N=148	5%	N=57	4%	N=48	2%	N=26	100%	N=1209
Providing help to friends or relatives	19%	N=231	47%	N=575	16%	N=198	9%	N=104	6%	N=74	3%	N=36	100%	N=1217
Volunteering your time to some group/activity in your community	61%	N=741	19%	N=229	9%	N=105	5%	N=56	3%	N=39	4%	N=46	100%	N=1216

**Table 30: Question 14**

How often, if at all, do you do each of the following, considering all of the times you could?	Never		Rarely		Sometimes		Usually		Always		Total	
Eat at least 5 portions of fruits and vegetables a day	8%	N=96	25%	N=313	32%	N=392	26%	N=322	9%	N=105	100%	N=1228
Participate in moderate or vigorous physical activity	6%	N=76	18%	N=215	26%	N=316	35%	N=432	15%	N=189	100%	N=1229
Receive assistance from someone almost every day	75%	N=917	17%	N=207	4%	N=49	3%	N=32	2%	N=26	100%	N=1231
Vote in local elections	5%	N=66	2%	N=28	4%	N=54	16%	N=197	72%	N=885	100%	N=1231



Table 31: Question 15

How frequently, if ever, do you do each of the following things on the Internet (using a computer, tablet, cell phone, etc.)?	Daily		Weekly		Monthly		Less than once per month		Never/Not applicable		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Use email, texting or video to communicate	79%	N=967	8%	N=96	2%	N=21	3%	N=32	9%	N=113	100%	N=1229
Use social media (Facebook, Twitter, LinkedIn)	34%	N=420	11%	N=135	3%	N=40	9%	N=111	42%	N=515	100%	N=1221
Get the news or weather	79%	N=962	7%	N=87	1%	N=13	3%	N=38	10%	N=121	100%	N=1221
Shop, search for products and services	25%	N=306	38%	N=459	14%	N=171	12%	N=142	12%	N=141	100%	N=1219
Research or study a topic of interest	35%	N=422	31%	N=379	15%	N=177	9%	N=115	10%	N=126	100%	N=1219
Share opinions, post to a blog, review a product or service	9%	N=111	9%	N=113	9%	N=110	21%	N=256	52%	N=631	100%	N=1221
Attend an online class or training	2%	N=19	3%	N=38	5%	N=67	20%	N=243	70%	N=858	100%	N=1225
Work from home	11%	N=137	7%	N=88	4%	N=48	5%	N=63	72%	N=867	100%	N=1203
Banking online (paying bills, investing, etc.)	17%	N=202	29%	N=356	18%	N=221	5%	N=55	32%	N=387	100%	N=1221
Find info on community resources and events	8%	N=95	20%	N=240	19%	N=225	25%	N=302	28%	N=335	100%	N=1197
If you have a question, use Internet to find the answer	40%	N=489	29%	N=349	10%	N=126	8%	N=100	12%	N=148	100%	N=1212
Engage in civic activities (participate in a discussion about community and government issues; research information about an issue or a candidate)	4%	N=50	8%	N=101	11%	N=128	24%	N=286	53%	N=639	100%	N=1204
Look up health and medical information	6%	N=67	22%	N=261	28%	N=342	30%	N=360	15%	N=182	100%	N=1212
Communicate with government (seek services, get a license, discuss a problem)	1%	N=17	3%	N=34	9%	N=112	48%	N=582	38%	N=465	100%	N=1210
Sell goods and services online, advertise	2%	N=21	2%	N=21	3%	N=36	13%	N=157	81%	N=976	100%	N=1211
Find directions or look up a map	9%	N=109	35%	N=431	27%	N=323	18%	N=224	11%	N=131	100%	N=1218

Table 32: Question 16 (excluding "don't know" and "not applicable")

How comfortable, if at all, are you at each of the following?	Very comfortable		Somewhat comfortable		Not at all comfortable		Total	
	%	N	%	N	%	N	%	N
Using a computer laptop/desktop	63%	N=717	29%	N=324	8%	N=95	100%	N=1136
Using smartphone or tablet computer	56%	N=574	33%	N=341	11%	N=108	100%	N=1023
Accessing the Internet	71%	N=803	21%	N=234	8%	N=87	100%	N=1124
Using email	78%	N=856	16%	N=179	6%	N=67	100%	N=1102
Locating information online (bus schedules, weather, news, etc.)	69%	N=733	22%	N=233	9%	N=93	100%	N=1059
Using social networking sites (Facebook, Twitter, etc.)	48%	N=375	28%	N=219	24%	N=188	100%	N=782

**Table 33: Question 16 (including "don't know" and "not applicable")**

How comfortable, if at all, are you at each of the following?	Very comfortable		Somewhat comfortable		Not at all comfortable		Don't know		Not applicable		Total	
	%	N	%	N	%	N	%	N	%	N	%	N
Using a computer laptop/desktop	58%	N=717	26%	N=324	8%	N=95	1%	N=14	7%	N=80	100%	N=1230
Using smartphone or tablet computer	47%	N=574	28%	N=341	9%	N=108	2%	N=27	14%	N=174	100%	N=1224
Accessing the Internet	65%	N=803	19%	N=234	7%	N=87	1%	N=12	7%	N=92	100%	N=1227
Using email	70%	N=856	15%	N=179	5%	N=67	1%	N=17	9%	N=107	100%	N=1226
Locating information online (bus schedules, weather, news, etc.)	60%	N=733	19%	N=233	8%	N=93	2%	N=30	11%	N=137	100%	N=1226
Using social networking sites (Facebook, Twitter, etc.)	31%	N=375	18%	N=219	15%	N=188	3%	N=38	33%	N=405	100%	N=1225

**Table 34: Question D1**

How many years have you lived in your community?	Percent	Number
Less than 1 year	3%	N=31
1-5 years	15%	N=184
6-10 years	13%	N=163
11-20 years	16%	N=198
More than 20 years	53%	N=657
Total	100%	N=1233

**Table 35: Question D2**

Which best describes the building you live in?	Percent	Number
Single family home	74%	N=916
Townhouse, condominium, duplex or apartment	19%	N=238
Mobile home	3%	N=33
Assisted living residence	1%	N=17
Nursing home	0%	N=0
Other	2%	N=27
Total	100%	N=1230

**Table 36: Question D3**

Do you currently rent or own your home?	Percent	Number
Rent	22%	N=271
Own (with a mortgage payment)	36%	N=433
Own (free and clear; no mortgage)	42%	N=512
Total	100%	N=1216

**Table 37: Question D4**

About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance and homeowners' association (HOA) fees)?	Percent	Number
Less than \$300 per month	18%	N=208
\$300 to \$599 per month	21%	N=244
\$600 to \$999 per month	17%	N=206
\$1,000 to \$1,499 per month	19%	N=227
\$1,500 to \$2,499 per month	20%	N=231
\$2,500 or more per month	6%	N=66
Total	100%	N=1182

**Table 38: Question D5**

How many people, including yourself, live in your household?	Percent	Number
1 person (live alone)	38%	N=464
2 people	48%	N=587
3 people	9%	N=105
4 or more people	5%	N=61
Total	100%	N=1216
Average number of household members	2.4	N=1216

**Table 39: Question D6**

How many of these people, including yourself, are...	1 person		2 people		3 people		4 or more people		Total		Average number of household members
60 or older	100%	N=644	100%	N=476	100%	N=9	100%	N=4	100%	N=1133	1.5
17 or younger	100%	N=28	100%	N=11	100%	N=9	0%	N=0	100%	N=47	.3
18-59 years old	100%	N=205	100%	N=52	100%	N=27	100%	N=15	100%	N=299	1.6

**Table 40: Question D7**

What is your employment status?	Percent	Number
Fully retired	62%	N=742
Working full time for pay	22%	N=262
Working part time for pay	13%	N=154
Unemployed, looking for paid work	3%	N=35
Total	100%	N=1193

**Table 41: Question D8**

[If not yet fully retired] At what age do you expect to retire completely and not work for pay at all?	Percent	Number
60 to 64	9%	N=35
65 to 69	36%	N=136
70 to 74	32%	N=121
75 or older	23%	N=86
Total	100%	N=379
Average age of expected retirement	71.4	N=380

**Table 42: Question D9**

How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)	Percent	Number
Less than \$15,000	14%	N=162
\$15,000 to \$24,999	14%	N=167
\$25,000 to \$49,999	21%	N=249
\$50,000 to \$74,999	18%	N=215
\$75,000 to \$99,999	13%	N=155
\$100,000 or more	18%	N=215
Total	100%	N=1162

**Table 43: Question D10**

Are you Spanish, Hispanic or Latino?	Percent	Number
Yes	12%	N= 149
No	88%	N= 1060
Total	100%	N= 1209

**Table 44: Question D11**

What is your race?	Percent	Number
American Indian or Alaskan Native	3%	N=35
Asian, Asian Indian or Pacific Islander	1%	N= 17
Black or African American	2%	N=28
White	90%	N= 1075
Other	7%	N=79

Total may exceed 100% as respondents could select more than one option.

**Table 45: Question D12**

In which category is your age?	Percent	Number
60-64 years	35%	N=430
65-69 years	24%	N=291
70-74 years	17%	N=208
75-79 years	12%	N= 143
80-84 years	6%	N=72
85-89 years	4%	N=47
90-94 years	1%	N= 16
95 years or older	0%	N=6
Total	100%	N= 1212

**Table 46: Question D13**

What is your sex?	Percent	Number
Female	53%	N=648
Male	47%	N=571
Other/non-conforming	0%	N=0
Total	100%	N=1219

**Table 47: Question D14**

What is your sexual orientation?	Percent	Number
Heterosexual	96%	N=1083
Lesbian	1%	N=13
Gay	2%	N=23
Bisexual	1%	N=12
Total	100%	N=1131

**Table 48: Question D15**

Are you a grandparent raising a grandchild?	Percent	Number
Yes	6%	N=73
No	94%	N=1143
Total	100%	N=1217

## Appendix B: Survey Methodology

### Data Collection Methods

The Community Assessment Survey for Older Adults (CASOA)™, conducted by National Research Center, Inc., was developed to provide an accurate, affordable and easy way to assess and interpret the experience of older adults in the community. The CASOA™ survey instrument and its administration are standardized to assure high quality survey methods and comparable results across CASOA™ communities. The CASOA™ was customized for Denver Regional Council of Governments Area Agency on Aging (DRCOG) to reflect the correct local age definition of older adults and so that the mailing materials used official DRCOG graphics, contact information and signatures. DRCOG, in association with the Colorado Association of Area Agencies on Aging (C4A) and with funding from NextFifty Initiative, sponsored this research. Please contact Jayla Sanchez-Warren of Denver Regional Council of Governments Area Agency on Aging at 303-445-1000 if you have any questions about the survey.

### Survey Development

The CASOA™ questionnaire contains many questions related to the life of older residents in the community. The instrument includes questions related to overall quality of life, characteristics of the community, perceptions of safety in the community and of 40 different needs common to older adults.

The questionnaire grew from a synthesis of a number of data collection processes including a national search of needs assessments conducted by communities across the United States, a review of the literature on aging and the conduct of numerous surveys and large scale needs assessments by NRC. A blue-ribbon panel of national experts contributed to the concept and content of CASOA™.

The items in the questionnaire were pilot tested on senior residents using a “think-aloud” method in which older adults were asked to complete the survey and describe their thought processes related to specific questions and question sets. The results of the pilot test were used to alter the questionnaire for better understanding by senior participants. The final questionnaire was tested in a set of diverse U.S. communities and modifications again were made as necessary. A copy of the survey materials can be found in *Appendix E: Survey Materials*.

### Selecting Survey Recipients

One of the first steps taken to ensure survey results are representative of the target population is to use a source from which you select survey recipients that provides adequate to good “coverage” of the target population. This source is referred to as the “sampling frame” in survey research lingo.

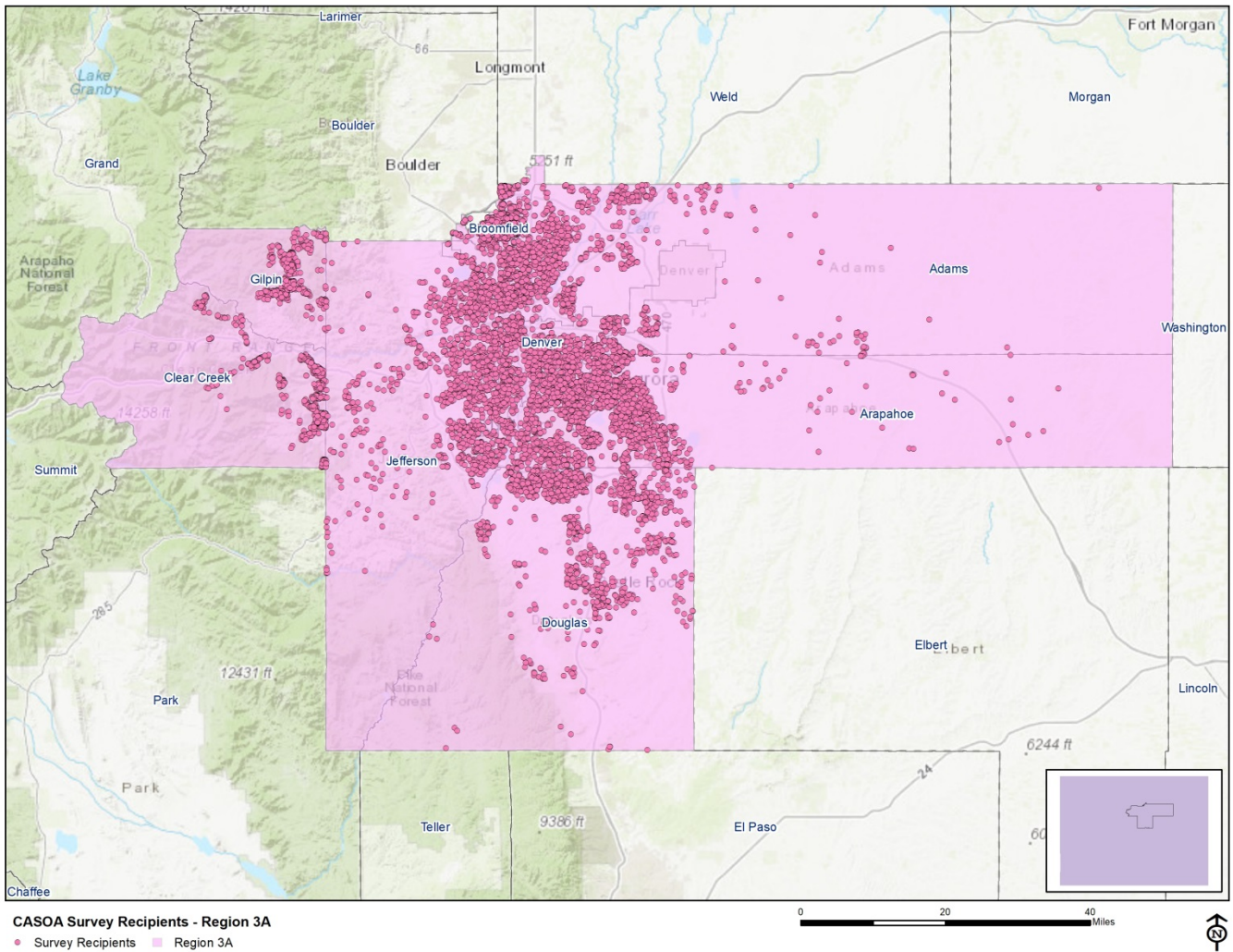
The target population for this survey was residents in households age 60 years or older within DRCOG’s service area. Since it is cost prohibitive to survey every person age 60 years or older in the Denver Metro Region, a random selection of records from the sampling frame was made. An example that may be familiar from a math or statistics class is the jar or bowl of marbles of various colors. If the jar has two-thirds red marbles and one-third blue marbles, a random selection of marbles from that jars should result in a similar proportion (although perhaps not identical) of red and blue marbles as in the original jar.

The sampling frame used for this survey was a list of households with a high likelihood of having a resident age 60 years or older within DRCOG’s service area from Go-Dog Direct. These lists do not provide complete coverage of all members of the target population, but do provide a fairly complete coverage. The lists provided by Go-Dog Direct cannot be mapped directly to political boundaries such as municipalities or counties, but to United States Postal Service (USPS) boundaries such as zip codes or carrier routes. To ensure all eligible households are included, they randomly selected households from their entire list for the target population for all the zip codes that contain even a part of the study

boundaries. They provided a greater number of households than needed so that a process referred to as “geocoding” could be used to eliminate addresses from the list that were outside the study boundaries. Geocoding is a computerized process in which addresses are compared to electronically mapped boundaries and coded as inside or outside desired boundaries. All addresses determined to be outside the study boundaries were eliminated from the list. A stratified, systematic sampling method was used with the remaining addresses to create a mailing list of older adult households with a surveys being sent to each county within the agency’s service area (see Figure 22 and Table 49). Systematic sampling is a procedure whereby a complete list of all possible households is culled, selecting every Nth one, giving each eligible household a known probability of selection, until the appropriate number of households is selected.

Although the purchased list of known senior households contained names of the residents 60 years and older, no name was printed on the survey envelope; instead, the survey was addressed to “Resident.” In order to select a random individual 60 years of age and older within the household, the cover letter requested that the questionnaire be given to the person 60 years of age and older who most recently celebrated their birthday (regardless of year of birth) to complete. The underlying assumption in this method is that day of birth has no relationship to the way people respond to surveys. This instruction was contained in the cover letter accompanying the questionnaire.

**Figure 22: Location of Survey Recipients**





## Survey Administration and Response

Each sampled household received three mailings, about one week apart, beginning May 7, 2018. The first mailing was a prenotification postcard announcing the upcoming survey. The next mailing contained a letter from the AAA director inviting the household to participate, a questionnaire and a postage-paid return envelope. The final mailing contained a reminder letter, another survey and a postage-paid return envelope. The second cover letter asked those who had not completed the survey to do so and those who had already done so to refrain from turning in another survey. The cover letter included URL, which allowed respondents to complete the survey online if they preferred. The survey was available in English and Spanish (online only). Completed surveys were collected over the following six weeks.

About 3% of the 10,400 surveys mailed were returned because the housing unit was vacant or the postal service was unable to deliver the survey as addressed. Of the remaining households that received the survey, 1,246 completed the survey, providing an overall response rate of 12%. Of the 1,246 completed surveys, 65 were completed online and zero were completed in Spanish. Additionally, responses were tracked by county and are displayed in the table below.

The response rates were calculated using AAPOR's response rate #2<sup>2</sup> for mailed surveys of unnamed persons.

**Table 49: Survey Response Rates**

	Adams County	Arapahoe County	City and County of Broomfield	Clear Creek County	City and County of Denver	Douglas County	Gilpin County	Jefferson County	AAA Overall
Total sample used	1,525	1,665	1,200	1,200	1,200	1,210	1,200	1,200	10,400
I=Complete Interviews	157	158	158	188	138	126	176	133	1,234
P=Partial Interviews	1	2	1	1	2	2	2	1	12
R=Refusal and break off	0	0	0	0	0	0	0	1	1
NC=Non Contact	0	0	0	0	0	0	0	0	0
O=Other	0	0	0	0	0	0	0	0	0
UH=Unknown household	0	0	0	0	0	0	0	0	0
UO=Unknown other	1,337	1,471	1,009	934	1,025	1,063	947	1,041	8,827
Response rate: (I+P)/(I+P) + (R+NC+O) + (UH+UO)	11%	10%	14%	17%	12%	11%	16%	11%	12%

<sup>2</sup> See AAPOR's Standard Definitions here: [http://www.aapor.org/Standards-Ethics/Standard-Definitions-\(1\).aspx](http://www.aapor.org/Standards-Ethics/Standard-Definitions-(1).aspx) for more information

## Confidence Intervals

It is customary to describe the precision of estimates made from surveys by a “level of confidence” and accompanying “confidence interval” (or margin of error). A traditional level of confidence, and the one used here, is 95%. The 95% confidence interval can be any size and quantifies the sampling error or imprecision of the survey results because some residents’ opinions are relied on to estimate all residents’ opinions.<sup>3</sup>

The margin of error for the DRCOG survey is no greater than plus or minus 3% around any given percent and two points around any given average rating reported for all respondents (1,246 completed surveys).

For subgroups of responses, the margin of error increases because the number of respondents for the subgroup is smaller. For subgroups of approximately 100 respondents, the margin of error is plus or minus 10 percentage points.

## Survey Processing (Data Entry)

Upon receipt, completed surveys were assigned a unique identification number. Additionally, each survey was reviewed and “cleaned” as necessary. For example, a question may have asked a respondent to pick two items out of a list of five, but the respondent checked three; in this case, NRC would use protocols to randomly choose two of the three selected items for inclusion in the dataset.

All surveys were entered twice into an electronic dataset; any discrepancies were resolved in comparison to the original survey form. Range checks as well as other forms of quality control were also performed.

NRC used Qualtrics, a web-based survey and analytics platform, to collect the online survey data. Use of an online system means all collected data are entered into the dataset when the respondents submit the surveys. Skip patterns are programmed into system so respondents are automatically “skipped” to the appropriate question based on the individual responses being given. Online programming also allows for more rigid control of the data format, making extensive data cleaning unnecessary.

A series of quality control checks were also performed in order to ensure the integrity of the web data. Steps may include and not be limited to reviewing the data for clusters of repeat IP addresses and time stamps (indicating duplicate responses) and removing empty submissions (questionnaires submitted with no questions answered).

## Survey Data Weighting

The primary objective of weighting survey data is to make the survey sample reflective of the larger population of the study area. This is done by: 1) reviewing the sample demographics and comparing them to the population norms from the most recent Census or other sources and 2) comparing the responses to different questions for demographic subgroups. The demographic characteristics that are least similar to the Census and yield the most different results are the best candidates for data weighting. Several different weighting “schemes” are tested to ensure the best fit for the data. The characteristics used for weighting were tenure, housing unit, race, ethnicity, sex, age and area. No adjustments were made for design effects. The results of the weighting scheme are presented in the following table.

---

<sup>3</sup> A 95% confidence interval indicates that for every 100 random samples of this many residents, 95 of the confidence intervals created will include the “true” population response. This theory is applied in practice to mean that the “true” perspective of the target population lies within the confidence interval created for a single survey. For example, if 75% of residents rate a service as “excellent” or “good,” then the 4% margin of error (for the 95% confidence interval) indicates that the range of likely responses for the entire community is between 71% and 79%. This source of uncertainty is called sampling error. In addition to sampling error, other sources of error may affect any survey, including the non-response of residents with opinions different from survey responders. Though standardized on CASOA, on other surveys, differences in question wording, order, translation and data entry, as examples, can lead to somewhat varying results.

**Table 50: Weighting Scheme**

	Population norm*	Unweighted	Weighted
<b>Housing**</b>			
Own	77%	90%	78%
Rent	23%	10%	22%
Attached	25%	19%	23%
Detached	75%	81%	77%
<b>Race and ethnicity**</b>			
White	89%	92%	87%
Not white	11%	8%	13%
Hispanic	11%	5%	12%
Not Hispanic	89%	95%	88%
<b>Sex and Age</b>			
Female	55%	58%	53%
Male	45%	42%	47%
60 to 64 years	33%	25%	35%
65 to 74 years	40%	48%	41%
75 or over	27%	27%	23%
Female 60 to 64	17%	15%	19%
Female 65 to 74	21%	28%	21%
Female 75+	16%	15%	13%
Male 60 to 64 years	16%	10%	17%
Male 65 to 74 years	19%	21%	20%
Male 75+	11%	11%	10%
<b>Area</b>			
Adams County	15%	13%	15%
Arapahoe County	23%	13%	23%
City and County of Broomfield	2%	13%	2%
Clear Creek County	0.5%	15%	0.5%
City and County of Denver	23%	11%	23%
Douglas County	0.3%	10%	0.3%
Gilpin County	26%	14%	26%
Jefferson County	10%	11%	10%

\* Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

\*\* Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates, householder age 65 and over

## Survey Data Analysis and Reporting

The survey dataset was analyzed using the Statistical Package for the Social Sciences (SPSS). For the most part, the percentages presented in the reports represent the “percent positive.” The percent positive is the combination of the top two most positive response options (i.e., “excellent” and “good,” “very safe” and “somewhat safe,” “essential” and “very important,” etc.), or, in the case of resident behaviors/participation, the percent positive represents the proportion of respondents indicating “yes” or participating in an activity at least once a month.

On many of the questions in the survey respondents may answer “don’t know.” The proportion of respondents giving this reply is shown in the full set of responses included in *Appendix B: Complete Set of Survey Frequencies*. However, these responses have been removed from the analyses presented in the reports. In other words, the tables and graphs display the responses from respondents who had an opinion about a specific item.

A variety of analyses were presented in the body of the report. The following sections summarize how these analyses were conducted or scores calculated.

Estimates of the Contribution of Older Adults to the Economy

The calculations of the economic contributions of older adults in DRCOG’s service area were rough estimates using data from the U.S. Department of Labor Bureau of Labor Statistics (Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates).

**Table 51: Contribution of Older Adults to the Economy**

	Percent of older adults	Number of older adults <sup>1</sup>	Average number of hours*	Average hourly rate**	Annual total
Providing care to older adult(s)	28%	154,076	9.3	\$12.26	\$829,617,688
Providing care to adult(s)	15%	79,723	7.8	\$12.26	\$350,300,325
Providing care to child(ren)	16%	84,986	12.9	\$13.43	\$667,481,744
Providing help to family and friends	80%	436,558	4.1	\$14.10	\$1,242,446,289
Volunteering	37%	198,926	4.5	\$19.71	\$853,731,044
<b>Subtotal unpaid</b>					<b>\$3,943,577,091</b>
Working part time	13%	69,831	15.0	\$27.60	\$1,439,430,331
Working full time	22%	119,104	32.0	\$27.60	\$5,237,519,241
<b>Subtotal paid</b>					<b>\$6,676,949,573</b>
<b>Total contribution</b>					<b>\$10,620,526,663</b>

<sup>1</sup> Based on Colorado State Demography Office, Single Year of Age Data 1990-2050.

\* Respondents were asked to select a range of hours. The average number of hours was calculated from the mid-point of the response scale. For example, a response of "1 to 3 hours" equated to 2 hours and a response of "never" was assumed to be zero hours. In cases where the respondent chose a response that indicated "11 or more hours" or "20 or more hours", the number of hours was calculated as 125% of 11 and 125% of 20 (i.e., 13.75 and 25 respectively). Working full time was assumed to be 32 hours per week and working part time was assumed to be 15 hours per week.

\*\*The economic value of an hour worked was assumed to be the same as the average hourly wage as calculated by the Bureau of Labor statistics for similar types of work in the Denver-Aurora-Lakewood, CO MSA. Providing care for older adults and adults was assumed to be the equivalent of "Personal and Home Care Aides." Providing care for children was assumed to be the equivalent of "Child Care Workers." Providing help to family and friends was assumed to be the equivalent of "Personal Care and Service Occupations." Volunteering was assumed to be the equivalent of "Office Clerks, General." Working full time and part time was assumed to be the equivalent of "All Occupations."

The proportion of older adults who work was estimated by examining the responses to question D7 from the survey (“What is your employment status?”). Those working full-time were assumed to work 32 hours per week and those working part-time were assumed to work 15 hours per week. The proportion of survey respondents was multiplied by the number of adults 60 and over in the community to ascertain the number of employed older adults. To determine the average paid wage, information from the Bureau of Labor Statistics for the Denver-Aurora-Lakewood, CO MSA was examined. Working full-time and part-time was assumed to be the equivalent of “All Occupations” (occupation code 00-0000).

The proportion of older adults doing volunteer work and providing help to friends and neighbors was determined by looking at the responses to question 12 (“During a typical week, how many hours, if any, do you spend doing the following?”), items f (“providing help to family and friends”) and g (“volunteering your time to some group/activity”). Those responding “1 to 3 hours” were assumed to spend two hours, “4 to 5 hours” were assumed to spend 4.5 hours, those responding “6 to 10 hours” were assumed to spend eight hours, and those responding “11 or more hours” were assumed to spend 13.75 hours (125% of 11). To determine the average hourly wage, “providing help to family and friends” was assumed to be the equivalent of “Personal Care and Service Workers, All Other” (occupation code 39-9099) and volunteering was assumed to be the equivalent of “Office Clerks, General” (occupation code 43-9061).

The proportion of older adults providing care to family and friends was determined by examining the responses to question 12. Those responding “1 to 3 hours” were assumed to spend two hours, “4 to 5 hours” were assumed to spend 4.5 hours, those responding “6 to 10 hours” were assumed to spend eight

hours, and those responding “11 to 19 hours” were assumed to spend 15 hours and those responding “20 or more hours” were assumed to spend 25 hours (125% of 20). To determine the average hourly wage, “providing care for older adults and adults” (items a and b) were assumed to be the equivalent of “Personal and Home Care Aides” (occupation code 39-9021) and “providing care for children” (item c) was assumed to be the equivalent of “Child Care Workers” (occupation code 39-9011).

### Community Summary Scores

The community score presented in the body of the report represents the average of the questions included in the index. Although the evaluative or frequency questions were made on 4- or 5- point scales with 1 representing the best rating, the scales had different labels (e.g., “excellent,” “not a problem,” “very likely”). To calculate these average scores, the questions used in the index were converted to a common scale where 0 is the worst possible rating and 100 is the best possible rating. If everyone reported “excellent,” then the result would be 100 on the 0-100 scale. If the average rating for quality of life was right in the middle of the scale (half way between “good” and “fair”), then the result would be 50. The new scale can be thought of like the thermometer used to represent total giving to United Way. The higher the thermometer reading, the closer to the goal of 100 – in this case, the most positive response possible. The table below shows the individual questions comprising each summary score.

Index	Individual Variables Used in Index
Quality of Community	How do you rate your community as a place to live?
	How do you rate your community as a place to retire?
	How would you rate the overall services provided to older adults in your community?
	Recommend living in your community to older adults
	Remain in your community throughout your retirement
Community and Belonging	Sense of community
	Openness and acceptance of the community towards older residents of diverse backgrounds
	Overall feeling of safety in your community
	Valuing older residents in your community
	Neighborliness of your community
Community Information	Availability of information about resources for older adults
	Availability of financial and legal planning services
	In general, how informed or uninformed do you feel about services and activities available to older adults in your community?
Opportunities for Productive Activities	Opportunities to volunteer
	Employment opportunities
	Opportunities to enroll in skill-building or personal enrichment classes
	Recreation opportunities (including games, arts and library services, etc.)
	Opportunities to attend social events or activities
	Opportunities to attend religious or spiritual activities
	Opportunities to attend or participate in meetings about local government or community matters
Health and Wellness Opportunities	Fitness opportunities (including exercise classes and paths or trails, etc.)
	Availability of long-term care options
	Availability of daytime care options for older adults
	Availability of affordable quality physical health care
	Availability of affordable quality mental health care
Community Design and Land Use	Availability of preventive health services (e.g., health screenings, flu shots, educational workshops)
	Availability of affordable quality housing
	Variety of housing options
	Availability of affordable quality food

Index	Individual Variables Used in Index
	Ease of travel by public transportation in your community
	Ease of car travel in your community
	Ease of walking in your community
	Ease of getting to the places you usually have to visit
	Cost of living in your community

### Needs Summary Scores

The needs summary scores (indices) are based on the response patterns of older adults in the community. The table below contains each question included in the index and the required response to that question. So, for example, if a respondent indicated that her overall physical health (q5a) was “fair,” she would be counted as having a physical health issue along with other respondents who may have noted that they had a moderate or major problem with falling or maintaining a healthy diet, etc. Respondents with many physical health problems are counted only once in this category so that the total percent shown in the report graph represents the percent of older adults with at least one physical problem.

Index	Individual Variables Used in Index	Required Rating
Safety	Must have at least one of the following:	
	- Being a victim of crime	Moderate or major problem
	- Being a victim of fraud or a scam	Moderate or major problem
	- Being physically or emotionally abused	Moderate or major problem
Civic engagement	- Being treated unfairly or discriminated against because of your age	Moderate or major problem
	Must	
	- Vote in local elections	Never or rarely
	Or	
Social engagement	- Participating in a civic group (including Elks, Kiwanis, Masons, etc.) and Volunteering your time to some group/activity in your community	Never (no hours)
	Or	
	- Attended local public meeting and Watched (online or on television) a local public meeting	Not at all
	Must have:	
Recreation	- Having interesting social events or activities to attend	Moderate or major problem
	Or all of the following:	
	- Used a senior center in your community	Not at all
	- Participating in a club (including book, dance, game and other social)	Never (no hours)
Caregiver burden	- Participating in religious or spiritual activities with others	Never (no hours)
	Must have q6(b)c:	
	- Having interesting recreational or cultural activities to attend	Moderate or major problem
	Or all of the following:	
Financial and legal	- Used a recreation center in your community	Not at all
	- Used a public library in your community	Not at all
	- Visited a neighborhood park	Not at all
	- Participating in a recreation program or group activity	Never (no hours)
Caregiver burden	Must have:	
	- Feeling physically burdened by providing care for another person	Moderate or major problem
	- Feeling emotionally burdened by providing care for another person	Moderate or major problem
Financial and legal	- Feeling financially burdened by providing care for another person	Moderate or major problem
Financial and legal	Must have at least one of the following:	

CASOA™ Report of Results

Index	Individual Variables Used in Index	Required Rating
	- [Ratio] How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.) / How many people, including yourself, live in your household?	Income was at or below the income limits set by HUD for Section 8 programs
	- Having enough money to meet daily expenses	Moderate or major problem
	- Having enough money to pay your property taxes	Moderate or major problem
	- Dealing with legal issues	Moderate or major problem
	- Finding work in retirement	Moderate or major problem
	- Building skills for paid or unpaid work	Moderate or major problem
	- Dealing with financial planning issues	Moderate or major problem
Meaningful activities	Must have at least one of the following:	
	- Finding productive or meaningful activities to do	Moderate or major problem
	- Feeling like your voice is heard in the community	Moderate or major problem
	- Finding meaningful volunteer work	Moderate or major problem
Physical health	- Not knowing what services are available to older adults in your community	Moderate or major problem
	Must have at least one of the following:	
	- How do you rate your overall physical health?	Fair or poor
	- Your physical health	Moderate or major problem
	- Doing heavy or intense housework	Moderate or major problem
	- Maintaining your home	Moderate or major problem
	- Maintaining your yard	Moderate or major problem
	- Staying physically fit	Moderate or major problem
	- Maintaining a healthy diet	Moderate or major problem
- Eat at least 5 portions of fruits and vegetables a day	Never or rarely	
- Participate in moderate or vigorous physical activity	Never or rarely	
Mental health	Must have at least one of the following:	
	- How do you rate your overall mental health/emotional wellbeing?	Fair or poor
	- Feeling depressed	Moderate or major problem
	- Experiencing confusion or forgetfulness	Moderate or major problem
	- Having friends or family you can rely on	Moderate or major problem
	- Figuring out which medications to take and when	Moderate or major problem
	- Feeling bored	Moderate or major problem
	- Feeling lonely or isolated	Moderate or major problem
- Dealing with the loss of a close family member or friend	Moderate or major problem	
Health care	Must have at least one of the following:	
	- Finding affordable health insurance	Moderate or major problem
	- Getting the health care you need	Moderate or major problem
	- Affording the medications you need	Moderate or major problem
	- Getting the oral health care you need	Moderate or major problem
	- Getting the vision care you need	Moderate or major problem
Institutionalization risk	- Having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid	Moderate or major problem
	Must have at least one of the following:	
	- Performing regular activities, including walking, eating and preparing meals	Moderate or major problem
	- No longer being able to drive	Moderate or major problem
	- Falling or injuring yourself in your home	Moderate or major problem
- A hospital	Spent 3 or more days in past 12 months	

CASOA™ Report of Results

Index	Individual Variables Used in Index	Required Rating
	- In a long-term care facility (including nursing home or in-patient rehabilitation)	Spent 3 or more days in past 12 months
	- Thinking back over the past 12 months, how many times have you fallen and injured yourself? Was it...	Fell 3 or more times in past 12 months
	- Receive assistance from someone almost every day	Sometimes, usually or always
Basic necessities	Must have at least one of the following:	
	- How do you rate your overall quality of life?	Fair or poor
	- Having housing to suit your needs	Moderate or major problem
	- Having enough food to eat	Moderate or major problem
	- Having safe and affordable transportation available	Moderate or major problem



## Appendix C: Benchmark Comparisons

NRC has developed a database that collates responses to CASOA and related surveys administered in other communities, which allows the results from Denver Regional Council of Governments Area Agency on Aging to be compared against a set of national benchmarks. This benchmarking database includes responses from more than 35,000 older adults (age 55 and over) in 175+ communities across the nation. The demographics of NRC’s database match the demographics in the nation, based on the U.S. Census 2010 estimates.

### Interpreting the Results

Ratings are compared when similar questions are included in NRC’s database and there are at least five communities in which the question was asked. Where comparisons are available, three numbers are provided in the table. The first column is DRCOG’s proportion of the population responding in a particular way (e.g., percent “likely” to recommend living in the community). The second column is the rank assigned to this rating among communities where a similar question was asked. The third column is the number of communities that asked a similar question. The fourth column shows the comparison of DRCOG’s rating (column one) to the benchmark.

Where comparisons for ratings were available, DRCOG’s results were generally noted as being “higher” than the benchmark, “lower” than the benchmark or “similar” to the benchmark. In instances where ratings are considerably higher or lower than the benchmark, these ratings have been further demarcated by the attribute of “much,” (for example, “much higher” or “much lower”). These labels come from a statistical comparison of DRCOG’s rating to the benchmark where a rating is considered “similar” if it is within than the margin of error; “higher” or “lower” if the difference between your community’s rating and the benchmark is greater the margin of error; and “much higher” or “much lower” if the difference between your community’s rating and the benchmark is more than twice the margin of error.

**Table 52: Community as a Place for Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Community as an excellent or good place to live	85%	207	361	Similar
Community as an excellent or good place to retire	62%	268	359	Similar
Excellent or good overall services provided to older adults	53%	12	37	Similar

**Table 53: Recommendation of Community to Others Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Likely to recommend living to older adults	66%	271	283	Lower

**Table 54: Remaining in Community Throughout Retirement Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Likely to remain throughout retirement	73%	35	37	Lower

**Table 55: Older Adult Community and Belonging Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good sense of community	52%	289	360	Lower
Excellent or good openness and acceptance of the community towards older residents of diverse backgrounds	56%	231	344	Similar
Excellent or good overall feeling of safety	71%	118	170	Similar
Excellent or good valuing of older residents	52%	21	36	Similar
Excellent or good neighborliness	51%	132	167	Similar

**Table 56: Safety Problems Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with being a victim of crime	16%	8	37	Similar
Problems with being a victim of fraud or a scam	19%	19	36	Similar
Problems with being physically or emotionally abused	8%	16	36	Similar
Problems with being treated unfairly or discriminated against because of age	30%	6	34	Similar

**Table 57: Awareness of Older Adult Services and Activities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Informed about services and activities available to older adults	56%	15	37	Similar

**Table 58: Availability of Information About Older Adult Resource Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good availability of information about resources for older adults	41%	10	37	Similar
Excellent or good availability of financial and legal planning services	39%	13	36	Similar

**Table 59: Meaningful Activities Needs Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with finding productive or meaningful activities to do	33%	24	36	Similar
Problems with feeling like your voice is heard in the community	56%	25	37	Similar
Problems with finding meaningful volunteer work	34%	16	37	Similar
Problems with not knowing what services are available to older adults in your community	60%	31	37	Similar

**Table 60: Civic Engagement Opportunities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good opportunities to volunteer	75%	156	275	Similar
Excellent or good opportunities to attend or participate in meetings about local government or community matters	68%	6	37	Higher

**Table 61: Participation in Civic Activities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Attended a local public meeting at least once in past 12 months	33%	114	359	Similar
Watched (online or on television) a least once in past 12 months	19%	258	290	Much lower
Participating in a civic group (including Elks, Kiwanis, Masons, etc.) for one hour or more per week	10%	22	37	Similar
Volunteering your time to some group/activity for one hour or more per week	37%	17	37	Similar
Voted in the last local election	88%	110	358	Similar

**Table 62: Social Engagement Opportunities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good opportunities to attend social events or activities	64%	135	271	Similar
Excellent or good opportunities to attend religious or spiritual activities	79%	164	235	Similar

**Table 63: Participation in Social Activities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Used a senior center at least once in past 12 months	21%	11	37	Similar
Participating in a club (including book, dance, game and other social) for one hour or more per week	31%	10	37	Similar
Communicating/ visiting with friends and/or family for one hour or more per week	93%	26	167	Much higher
Participating in religious or spiritual activities with others for one hour or more per week	46%	230	234	Much lower
Providing help to friends or relatives for one hour or more per week	80%	43	162	Similar

**Table 64: Social Engagement Problems Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with having interesting social events or activities to attend	47%	26	37	Similar

**Table 65: Recreational and Personal Enrichment Opportunities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good opportunities to enroll in skill-building or personal enrichment classes	51%	14	37	Similar
Excellent or good recreation opportunities (including games, arts and library services, etc.)	77%	93	357	Higher

**Table 66: Participation in Recreational and Personal Enrichment Activities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Used a recreation center at least once in past 12 months	42%	217	309	Similar
Used a public library at least once in past 12 months	52%	273	318	Lower
Visited a neighborhood park at least once in past 12 months	67%	266	357	Similar
Participating in a recreation program or group activity for one hour or more per week	46%	4	37	Similar

**Table 67: Recreational Problems Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with having interesting recreational or cultural activities to attend	42%	29	37	Similar

**Table 68: Caregiver Burden Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with feeling physically burdened by providing care for another person	23%	20	34	Similar
Problems with feeling emotionally burdened by providing care for another person	26%	22	34	Similar
Problems with feeling financially burdened by providing care for another person	22%	16	34	Similar

**Table 69: Employment Opportunities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good employment opportunities	37%	129	344	Similar

**Table 70: Financial and Legal Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with having enough money to meet daily expenses	44%	6	37	Similar
Problems with having enough money to pay your property taxes	24%	22	37	Similar
Problems with dealing with legal issues	36%	7	36	Similar
Problems with finding work in retirement	35%	8	37	Similar
Problems with building skills for paid or unpaid work	31%	18	37	Similar
Problems with dealing with financial planning issues	40%	5	36	Similar

**Table 71: Physical Health Opportunities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good fitness opportunities (including exercise classes and paths or trails, etc.)	80%	51	169	Similar
Excellent or good availability of affordable quality physical health care	39%	272	315	Lower

**Table 72: Overall Physical Health of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good overall physical health	74%	12	170	Higher

**Table 73: Participation in Healthy Activities Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Always or usually eats at least 5 portions of fruits and vegetables a day	35%	137	165	Similar
Always or usually participates in moderate or vigorous physical activity	51%	59	166	Similar

**Table 74: Physical Health Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with your physical health	57%	29	37	Similar
Problems with problems with Doing heavy or intense housework	54%	28	36	Similar
Problems with maintaining your home	41%	21	37	Similar
Problems with maintaining your yard	41%	28	37	Similar
Problems with staying physically fit	53%	27	37	Similar
Problems with maintaining a healthy diet	44%	25	37	Similar

**Table 75: Availability of Mental Healthcare Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good availability of affordable quality mental health care	27%	127	153	Lower

**Table 76: Emotional Wellbeing of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good overall mental health/emotional well being	87%	11	37	Similar

**Table 77: Mental Health Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with feeling depressed	40%	20	36	Similar
Problems with experiencing confusion or forgetfulness	28%	33	36	Similar
Problems with having friends or family you can rely on	33%	8	37	Similar
Problems with figuring out which medications to take and when	10%	22	34	Similar
Problems with feeling bored	40%	28	36	Similar
Problems with feeling lonely or isolated	35%	19	36	Similar
Problems with dealing with the loss of a close family member or friend	41%	12	37	Similar

**Table 78: Availability of Preventative Health Care Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good availability of preventative health services (e.g., health screenings, flu shots, educational workshops)	55%	186	253	Similar

**Table 79: Health Care Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with finding affordable health insurance	40%	20	37	Similar
Problems with getting the health care you need	33%	17	37	Similar
Problems with affording the medications you need	35%	15	36	Similar
Problems with getting the oral health care you need	31%	14	35	Similar
Problems with getting the vision care you need	28%	18	34	Similar
Problems with having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid	50%	7	37	Similar

**Table 80: Care Options for Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good availability of long-term care options	28%	29	35	Similar
Excellent or good availability of daytime care options for older adults	25%	19	34	Similar

**Table 81: Falls, Hospitalizations and Institutionalizations of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Spent at least 1 day in a hospital in past 12 months	23%	18	36	Similar
Spent at least 1 day in a nursing home or in-patient rehabilitation facility	4%	17	36	Similar
Had at least 1 fall in the past 12 months	34%	22	36	Similar

**Table 82: Independent Living Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with performing regular activities, including walking, eating and preparing meals	31%	29	37	Similar
Problems with no longer being able to drive	17%	13	37	Similar
Problems with falling or injuring yourself in your home	28%	16	36	Similar

**Table 83: Aspects of Design and Land Use Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good availability of affordable quality housing	13%	334	351	Much lower
Excellent or good variety of housing options	21%	263	277	Much lower
Excellent or good availability of affordable quality food	54%	230	279	Lower
Excellent or good ease of bus, rail, subway or other public transit	29%	119	173	Lower
Excellent or good ease of car travel	65%	176	345	Similar
Excellent or good ease of walking	62%	186	342	Similar
Excellent or good ease of getting to the places usually visited	63%	145	170	Lower
Excellent or good cost of living	27%	139	167	Lower

**Table 84: Public Transportation Use by Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Used bus, rail, subway or other public transportation instead of driving at least once	29%	35	145	Similar

**Table 85: Basic Needs Problems of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Problems with having housing to suit your needs	23%	9	36	Similar
Problems with having enough food to eat	16%	8	36	Similar
Problems with having safe and affordable transportation available	31%	5	37	Similar

**Table 86: Overall Quality of Life of Older Residents Benchmarks**

	AAA percent	Rank	Number of Jurisdictions for Comparison	Comparison to benchmark
Excellent or good overall quality of life	83%	13	37	Similar

**Jurisdictions Included in Benchmark Comparisons**

- Fort Smith, AR
- Siloam Springs, AR
- Apache Junction, AZ
- Casa Grande, AZ
- Dewey-Humboldt, AZ
- Gilbert, AZ
- Goodyear, AZ
- Mesa, AZ
- Peoria, AZ
- Prescott Valley, AZ
- Safford, AZ
- Sahuarita, AZ
- Scottsdale, AZ
- Sedona, AZ
- Surprise, AZ
- Tucson, AZ
- Yuma, AZ
- American Canyon, CA
- Benicia, CA
- Burlingame, CA
- Chula Vista, CA
- Clovis, CA
- Coronado, CA
- Dublin, CA



- El Cerrito, CA
- Elk Grove, CA
- Galt, CA
- Laguna Beach, CA
- Livermore, CA
- Lodi, CA
- Martinez, CA
- Menlo Park, CA
- Monterey, CA
- Oceanside, CA
- Palm Springs, CA
- Palo Alto, CA
- Richmond, CA
- Ridgecrest, CA
- San Jose, CA
- San Luis Obispo County, CA
- San Ramon, CA
- Santa Barbara County, CA
- Saratoga, CA
- Seaside, CA
- South Lake Tahoe, CA
- Stockton, CA
- Tracy, CA
- Walnut Creek, CA
- Archuleta County, CO
- Associated Governments of Northwest Colorado (Reg. 11), CO
- Boulder County Area Agency on Aging (Reg. 3b), CO
- Boulder County, CO
- Brighton, CO
- Craig, CO
- Crested Butte, CO
- Denver, CO
- DRCOG Area Agency on Aging (Reg. 3a), CO
- East Central Council of Governments (Reg. 5), CO
- Englewood, CO
- Erie, CO
- Estes Park, CO
- Gunnison County, CO
- Jefferson County, CO
- Lafayette, CO
- Larimer County Office on Aging (Reg. 2a), CO
- Lower Arkansas Valley AAA (Reg. 6), CO
- Montrose County, CO
- Northeastern Colorado Association of Local Governments (Reg. 1), CO
- Northwest Colorado Council of Governments (NWCOG) (Reg. 12), CO
- Pikes Peak Area Agency on Aging (Reg. 4), CO
- Pueblo AAA Southern Region (Reg. 7), CO
- Region 10 AAA, CO
- Rout County, CO
- San Juan Basin AAA (Reg. 9), CO
- South Central Council of Governments AAA (Reg. 14), CO
- South-Central Colorado Seniors, Inc. (Reg. 8), CO
- Thornton, CO
- Upper Arkansas AAA (Reg. 13), CO
- Weld County Area Agency on Aging (Reg. 2b), CO
- Windsor, CO
- Coventry, CT
- Dover, DE
- Bonita Springs, FL
- Brevard County, FL
- Cape Coral, FL
- Charlotte County, FL
- Clearwater, FL
- Cooper City, FL
- Dania Beach, FL
- Daytona Beach, FL
- Delray Beach, FL
- Destin, FL
- Gainesville, FL
- Jupiter, FL
- Key West, FL
- Lee County, FL
- Melbourne, FL
- Miami, FL
- Oakland Park, FL
- Ocoee, FL
- Oldsmar, FL
- Oviedo, FL
- Palm Bay, FL
- Palm Coast, FL
- Pasco County, FL
- Pinellas County, FL
- Port St. Lucie, FL
- Sanford, FL
- Sarasota, FL
- South Daytona, FL
- Titusville, FL
- Walton County, FL
- Winter Garden, FL
- Albany, GA
- Cartersville, GA
- Conyers, GA
- Decatur, GA
- McDonough, GA
- Milton, GA
- Sandy Springs, GA
- Smyrna, GA
- Snellville, GA
- Suwanee, GA
- Honolulu, HI
- Ankeny, IA
- Bettendorf, IA
- Clive, IA
- Iowa City, IA
- Muscatine, IA
- Newton, IA
- Polk County, IA
- Urbandale, IA
- Pocatello, ID
- Post Falls, ID
- Twin Falls, ID
- Collinsville, IL
- Crystal Lake, IL
- DeKalb, IL
- Evanston, IL
- Highland Park, IL
- Homewood, IL
- Lake Zurich, IL
- Libertyville, IL
- Lincolnwood, IL
- Oak Park, IL
- O'Fallon, IL
- Orland Park, IL
- Palatine, IL
- Park Ridge, IL
- Peoria County, IL
- Peoria, IL
- Riverside, IL
- Schaumburg, IL
- Shorewood, IL
- Skokie, IL
- St. Charles, IL
- Sugar Grove, IL
- Western Springs, IL
- Wilmington, IL

- Aging and In-Home Services of Northeast Indiana, IN
- Area 10 Agency on Aging, IN
- Area 7 Agency on Aging and Disabled/WCIEDD, IN
- Area Five Agency, IN
- Area IV Agency on Aging & Community Action Programs, Inc., IN
- Brownsburg, IN
- CICOA Aging and In-Home Solutions, IN
- East Chicago, IN
- Fishers, IN
- Generations, IN
- Hoosier Uplands/Area 15 Area Agency on Aging, IN
- Lifespan Resources, IN
- LifeStream Services - Area 6, IN
- LifeStream Services - Area 9, IN
- LifeTime Resources, IN
- Munster, IN
- Noblesville, IN
- Northwest Indiana Community Action, IN
- REAL Services, Inc., IN
- SWIRCA & More, IN
- Thrive Alliance, IN
- Yorktown, IN
- Arkansas City, KS
- Lindsborg, KS
- Salina, KS
- Wichita, KS
- Ashland, KY
- Bowling Green, KY
- Danville, KY
- Daviess County, KY
- Paducah, KY
- Bedford, MA
- Brookline, MA
- Hopkinton, MA
- Needham, MA
- Weston, MA
- Annapolis, MD
- Gaithersburg, MD
- La Plata, MD
- Ocean City, MD
- Ann Arbor, MI
- Battle Creek, MI
- Delhi Township, MI
- Farmington Hills, MI
- Howell, MI
- Jackson County, MI
- Kalamazoo County, MI
- Meridian Charter Township, MI
- Midland, MI
- Novi, MI
- Oakland Township, MI
- Petoskey, MI
- Rochester, MI
- South Haven, MI
- Troy, MI
- Albert Lea, MN
- Bloomington, MN
- Chanhassen, MN
- Duluth, MN
- Hutchinson, MN
- Inver Grove Heights, MN
- Lakeville, MN
- Maplewood, MN
- Ramsey, MN
- Victoria, MN
- Maryville, MO
- Richmond Heights, MO
- Billings, MT
- Bozeman, MT
- Asheville, NC
- Charlotte, NC
- Davidson, NC
- Mooresville, NC
- Morrisville, NC
- Winston-Salem, NC
- Grand Island, NE
- La Vista, NE
- Papillion, NE
- Dover, NH
- Hooksett, NH
- Lebanon, NH
- Summit, NJ
- Willingboro Township, NJ
- Alamogordo, NM
- Bloomfield, NM
- Farmington, NM
- Las Cruces, NM
- Rio Rancho, NM
- San Juan County, NM
- Santa Fe County, NM
- Taos, NM
- North Las Vegas, NV
- Geneva, NY
- Hanau, Germany
- Rye, NY
- Watertown, NY
- Delaware, OH
- Hamilton, OH
- Hudson, OH
- Piqua, OH
- Sandusky, OH
- Broken Arrow, OK
- Stillwater, OK
- Ashland, OR
- Corvallis, OR
- Gresham, OR
- Hermiston, OR
- Lane County, OR
- McMinnville, OR
- Tualatin, OR
- Wilsonville, OR
- Chambersburg, PA
- Cranberry Township, PA
- Cumberland County, PA
- Ephrata Borough, PA
- Kennett Square, PA
- Kutztown Borough, PA
- Lower Providence Township, PA
- Peters Township, PA
- State College, PA
- West Chester, PA
- East Providence, RI
- Clinton, SC
- Columbia, SC
- Greer, SC
- Horry County, SC
- Mauldin, SC
- Rock Hill, SC
- Canton, SD
- Rapid City, SD
- Sioux Falls, SD
- Bristol, TN
- Johnson City, TN
- Morristown, TN
- Sevierville, TN
- White House, TN
- Benbrook, TX
- Burleson, TX
- Denison, TX
- Denton, TX
- Duncanville, TX
- Flower Mound, TX
- Galveston, TX
- Grand Prairie, TX
- La Porte, TX
- League City, TX
- McAllen, TX
- Missouri City, TX

- New Braunfels, TX
- Pasadena, TX
- Pearland, TX
- Plano, TX
- Rosenberg, TX
- Temple, TX
- Watauga, TX
- Farmington, UT
- Park City, UT
- Washington City, UT
- Albemarle County, VA
- Ashland, VA
- Blacksburg, VA
- Charlottesville, VA
- Chesterfield County, VA
- Fredericksburg, VA
- Hampton, VA
- Hanover County, VA
- Harrisonburg, VA
- Hopewell, VA
- Lexington, VA
- Lynchburg, VA
- Montgomery County, VA
- Norfolk, VA
- Northampton County, VA
- Radford, VA
- Williamsburg, VA
- Montpelier, VT
- Airway Heights, WA
- Bainbridge Island, WA
- Federal Way, WA
- Gig Harbor, WA
- Issaquah, WA
- Kenmore, WA
- Lakewood, WA
- Lynnwood, WA
- Marysville, WA
- Mountlake Terrace, WA
- Pasco, WA
- Renton, WA
- Spokane Valley, WA
- Tacoma, WA
- Yakima, WA
- Appleton, WI
- Eau Claire, WI
- Merrill, WI
- Milton, WI
- River Falls, WI
- Wauwatosa, WI
- Whitewater, WI
- Morgantown, WV
- Casper, WY
- Cheyenne, WY
- Teton County, WY

## Appendix D: References

1. McMillan DW. Sense of community. *Journal of Community Psychology*. 1996;24(1):315-325.
2. Rowe JW, Kahn RL. *Successful Aging*. New York: Pantheon Books; 1998.
3. Namkee GC, Burr A, Mutchler JE, Caro FG. Formal and informal volunteer activity and spousal caregiving among older adults. *Research on Aging*. 2007;29:99-124.
4. Klinenberg E. *Heat Wave: A Social Autopsy of Disaster in Chicago*: University of Chicago Press; 2003.
5. Greene LV. New Directions in Work and Family Policy. *APA Briefing Paper on Work and Family Policy 2004*; <http://www.apa.org/ppo/issues/workandfam.html>. Accessed February 5, 2008.
6. Gibson MJ, Houser AN. *Valuing the Invaluable: A New Look at the Economic Value of Family Caregiving*. Washington, DC: AARP Public Policy Institute; June 2007.
7. Roper ASW & AARP. *Baby Boomers Envision Retirement II: Survey of Baby Boomers' Expectations for Retirement*: AARP; May 2004.

## Appendix E: Survey Materials

Dear Resident,

Estimado Residente,

It won't take much of your time to make a big difference!

¡No le tomará mucho de su tiempo para marcar una gran diferencia!

Your household has been randomly selected to participate in a survey about your community. Your survey will arrive in a few days.

Su hogar ha sido elegido al azar para participar en una encuesta sobre su comunidad. Su encuesta le llegará dentro de pocos días.

Thank you for helping us with this important study!

¡Gracias por ayudarnos con este importante estudio!

Sincerely,

Atentamente,



Jayla Sanchez-Warren  
Director/Directora

Dear Resident,

Estimado Residente,

It won't take much of your time to make a big difference!

¡No le tomará mucho de su tiempo para marcar una gran diferencia!

Your household has been randomly selected to participate in a survey about your community. Your survey will arrive in a few days.

Su hogar ha sido elegido al azar para participar en una encuesta sobre su comunidad. Su encuesta le llegará dentro de pocos días.

Thank you for helping us with this important study!

¡Gracias por ayudarnos con este importante estudio!

Sincerely,

Atentamente,



Jayla Sanchez-Warren  
Director/Directora

Dear Resident,

Estimado Residente,

It won't take much of your time to make a big difference!

¡No le tomará mucho de su tiempo para marcar una gran diferencia!

Your household has been randomly selected to participate in a survey about your community. Your survey will arrive in a few days.

Su hogar ha sido elegido al azar para participar en una encuesta sobre su comunidad. Su encuesta le llegará dentro de pocos días.

Thank you for helping us with this important study!

¡Gracias por ayudarnos con este importante estudio!

Sincerely,

Atentamente,



Jayla Sanchez-Warren  
Director/Directora

Dear Resident,

Estimado Residente,

It won't take much of your time to make a big difference!

¡No le tomará mucho de su tiempo para marcar una gran diferencia!

Your household has been randomly selected to participate in a survey about your community. Your survey will arrive in a few days.

Su hogar ha sido elegido al azar para participar en una encuesta sobre su comunidad. Su encuesta le llegará dentro de pocos días.

Thank you for helping us with this important study!

¡Gracias por ayudarnos con este importante estudio!

Sincerely,

Atentamente,



Jayla Sanchez-Warren  
Director/Directora



1290 Broadway Suite 100  
Denver, CO 80203-5606

Presorted  
First Class Mail  
US Postage  
PAID  
Boulder, CO  
Permit NO. 94



1290 Broadway Suite 100  
Denver, CO 80203-5606

Presorted  
First Class Mail  
US Postage  
PAID  
Boulder, CO  
Permit NO. 94



1290 Broadway Suite 100  
Denver, CO 80203-5606

Presorted  
First Class Mail  
US Postage  
PAID  
Boulder, CO  
Permit NO. 94



1290 Broadway Suite 100  
Denver, CO 80203-5606

Presorted  
First Class Mail  
US Postage  
PAID  
Boulder, CO  
Permit NO. 94

May 2018

Dear Resident:

The Denver Regional Council of Governments, in association with the Colorado Association of Area Agencies on Aging (C4A) and with funding from NextFifty Initiative, is conducting a survey to learn about the current and future needs of older adults living in Adams, Arapahoe, Clear Creek, Douglas, Gilpin, and Jefferson Counties, as well as the City and County of Broomfield and the City and County of Denver.

El Consejo Regional de Denver de la Agencia de Área de Gobiernos Locales sobre el Envejecimiento está llevando a cabo una encuesta en su comunidad para enterarse de sus necesidades actuales y futuras. Usted ha sido elegido al azar para participar en la encuesta. Si usted prefiere completar la encuesta en Español, puede hacerlo en el sitio de red escrito abajo. Por favor escriba el vínculo exactamente como aparece. ¡Gracias por participar!

Please take a few minutes to complete the enclosed survey. Your participation in this survey is very important – especially since your household is one of only a small number of households being surveyed. Your feedback will help us to better understand and plan for the needs of older adults in our community.

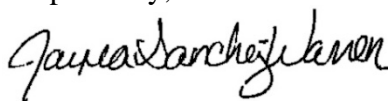
**A few things to remember:**

- **Your responses are completely anonymous.**
- In order to hear from a diverse group of older residents, the **adult 60 years or older** in your household who most recently had a birthday should complete this survey.
- **Please return the survey by mail in the enclosed postage-paid envelope, or you can complete the survey online at:**

If you have any questions or need assistance with this survey, please call Mindy Patton at 303-480-6723.

Thank you for your time and participation.

Respectfully,



Jayla Sanchez-Warren  
Director, Area Agency on Aging



May 2018

Dear Resident:

Here's a second chance if you haven't already responded to our 2018 community survey! **(If you completed it and sent it back, we thank you for your time and ask you to recycle this survey. Please do not respond twice.)**

The Denver Regional Council of Governments, in association with the Colorado Association of Area Agencies on Aging (C4A) and with funding from NextFifty Initiative, is conducting a survey to learn about the current and future needs of older adults living in Adams, Arapahoe, Clear Creek, Douglas, Gilpin, and Jefferson Counties, as well as the City and County of Broomfield and the City and County of Denver.

El Consejo Regional de Denver de la Agencia de Área de Gobiernos Locales sobre el Envejecimiento está llevando a cabo una encuesta en su comunidad para enterarse de sus necesidades actuales y futuras. Usted ha sido elegido al azar para participar en la encuesta. Si usted prefiere completar la encuesta en Español, puede hacerlo en el sitio de red escrito abajo. Por favor escriba el vínculo exactamente como aparece. ¡Gracias por participar!

Please take a few minutes to complete the enclosed survey. Your participation in this survey is very important – especially since your household is one of only a small number of households being surveyed. Your feedback will help us to better understand and plan for the needs of older adults in our community.

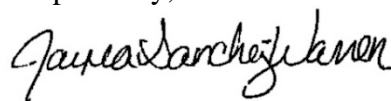
**A few things to remember:**

- **Your responses are completely anonymous.**
- In order to hear from a diverse group of older residents, the **adult 60 years or older** in your household who most recently had a birthday should complete this survey.
- **Please return the survey by mail in the enclosed postage-paid envelope, or you can complete the survey online at:**

If you have any questions or need assistance with this survey, please call Mindy Patton at 303-480-6723.

Thank you for your time and participation.

Respectfully,



Jayla Sanchez-Warren  
Director, Area Agency on Aging

**Please complete this questionnaire if you are the adult (age 60 or older) in the household who most recently had a birthday. The adult's year of birth does not matter. Please circle the response that most closely represents your opinion for each question. Your responses are anonymous and will be reported in group form only.**

**1. Please circle the number that comes closest to your opinion for each of the following questions:**

	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Poor</i>	<i>Don't know</i>
How do you rate your community as a place to live? .....	1	2	3	4	5
How do you rate your community as a place to retire? .....	1	2	3	4	5

**2. Please rate each of the following characteristics as they relate to adults age 60 or older in your community:**

	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Poor</i>	<i>Don't know</i>
Opportunities to volunteer.....	1	2	3	4	5
Employment opportunities.....	1	2	3	4	5
Opportunities to enroll in skill-building or personal enrichment classes.....	1	2	3	4	5
Recreation opportunities (including games, arts, and library services, etc.).....	1	2	3	4	5
Fitness opportunities (including exercise classes and paths or trails, etc.) .....	1	2	3	4	5
Opportunities to attend social events or activities.....	1	2	3	4	5
Opportunities to attend religious or spiritual activities .....	1	2	3	4	5
Opportunities to attend or participate in meetings about local government or community matters .....	1	2	3	4	5
Availability of affordable quality housing.....	1	2	3	4	5
Variety of housing options .....	1	2	3	4	5
Availability of long-term care options .....	1	2	3	4	5
Availability of daytime care options for older adults.....	1	2	3	4	5
Availability of information about resources for older adults .....	1	2	3	4	5
Availability of financial or legal planning services.....	1	2	3	4	5
Availability of affordable quality physical health care.....	1	2	3	4	5
Availability of affordable quality mental health care .....	1	2	3	4	5
Availability of preventive health services (e.g., health screenings, flu shots, educational workshops) .....	1	2	3	4	5
Availability of affordable quality food.....	1	2	3	4	5
Sense of community .....	1	2	3	4	5
Openness and acceptance of the community towards older residents of diverse backgrounds .....	1	2	3	4	5
Ease of travel by public transportation in your community.....	1	2	3	4	5
Ease of travel by car in your community .....	1	2	3	4	5
Ease of walking in your community .....	1	2	3	4	5
Ease of getting to the places you usually have to visit .....	1	2	3	4	5
Overall feeling of safety in your community .....	1	2	3	4	5
Valuing older residents in your community.....	1	2	3	4	5
Neighborliness of your community .....	1	2	3	4	5
Cost of living in your community.....	1	2	3	4	5
Availability of services at the senior center.....	1	2	3	4	5
Quality of senior nutrition programs .....	1	2	3	4	5
Accessibility of long term care options that are open and accepting toward people of diverse backgrounds.....	1	2	3	4	5
Accessibility of daytime care options that are open and accepting toward people of diverse backgrounds.....	1	2	3	4	5

**3. How would you rate the overall services provided to adults age 60 or older in your community?**

- Excellent
- Good
- Fair
- Poor
- Don't know

**4. In general, how informed or uninformed do you feel about the following?**

	<i>Very informed</i>	<i>Somewhat informed</i>	<i>Somewhat uninformed</i>	<i>Very uninformed</i>
Services and activities available to older adults in your community .....	1	2	3	4
Long term care options (i.e. nursing homes, home care) .....	1	2	3	4
Information on planning for the future .....	1	2	3	4

**5. Please circle the number that comes closest to your opinion for each of the following questions:**

	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Poor</i>	<i>Don't know</i>
How do you rate your overall physical health? .....	1	2	3	4	5
How do you rate your overall mental health/emotional well being? .....	1	2	3	4	5
How do you rate your overall quality of life? .....	1	2	3	4	5

**6a. The following questions list a number of problems that older adults may or may not face. Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?**

	<i>Not a problem</i>	<i>Minor problem</i>	<i>Moderate problem</i>	<i>Major problem</i>	<i>Don't know</i>
Having housing to suit your needs .....	1	2	3	4	5
Your physical health.....	1	2	3	4	5
Performing regular activities, including walking, eating and preparing meals .....	1	2	3	4	5
Having enough food to eat.....	1	2	3	4	5
Doing heavy or intense housework .....	1	2	3	4	5
Having safe and affordable transportation available.....	1	2	3	4	5
No longer being able to drive.....	1	2	3	4	5
Feeling depressed .....	1	2	3	4	5
Experiencing confusion or forgetfulness.....	1	2	3	4	5
Maintaining your home .....	1	2	3	4	5
Maintaining your yard .....	1	2	3	4	5
Finding productive or meaningful activities to do.....	1	2	3	4	5
Having friends or family you can rely on.....	1	2	3	4	5
Falling or injuring yourself in your home.....	1	2	3	4	5
Finding affordable health insurance.....	1	2	3	4	5
Getting the health care you need .....	1	2	3	4	5
Affording the medications you need .....	1	2	3	4	5
Figuring out which medications to take and when .....	1	2	3	4	5
Getting the oral health care you need.....	1	2	3	4	5
Having tooth or mouth problems .....	1	2	3	4	5
Getting the vision care you need.....	1	2	3	4	5
Having enough money to meet daily expenses .....	1	2	3	4	5
Having enough money to pay your property taxes.....	1	2	3	4	5
Staying physically fit.....	1	2	3	4	5
Maintaining a healthy diet .....	1	2	3	4	5
Having interesting recreational or cultural activities to attend .....	1	2	3	4	5
Having interesting social events or activities to attend.....	1	2	3	4	5
Feeling bored.....	1	2	3	4	5
Feeling like your voice is heard in the community.....	1	2	3	4	5
Finding meaningful volunteer work .....	1	2	3	4	5
Feeling physically burdened by providing care for another person.....	1	2	3	4	5
Feeling emotionally burdened by providing care for another person.....	1	2	3	4	5
Feeling financially burdened by providing care for another person .....	1	2	3	4	5

**6b. The following questions list a number of other problems that older adults may or may not face.**

**Thinking back over the last 12 months, how much of a problem, if at all, has each of the following been for you?**

	<i>Not a problem</i>	<i>Minor problem</i>	<i>Moderate problem</i>	<i>Major problem</i>	<i>Don't know</i>
Feeling overwhelmed and/or exhausted when caring for another person.	1	2	3	4	5
Dealing with legal issues	1	2	3	4	5
Having adequate information or dealing with public programs such as Social Security, Medicare and Medicaid	1	2	3	4	5
Finding work in retirement	1	2	3	4	5
Building skills for paid or unpaid work	1	2	3	4	5
Not knowing what services are available to older adults in your community	1	2	3	4	5
Feeling lonely or isolated	1	2	3	4	5
Dealing with the loss of a close family member or friend	1	2	3	4	5
Being a victim of crime	1	2	3	4	5
Being a victim of fraud or a scam	1	2	3	4	5
Being physically or emotionally abused	1	2	3	4	5
Dealing with financial planning issues	1	2	3	4	5
Being treated unfairly or discriminated against because of your age	1	2	3	4	5

**7. Thinking back over the past 12 months, how many days did you spend...**

As a patient in a hospital?..... \_\_\_\_\_ number of days

In a long-term care facility (including nursing home or in-patient rehabilitation)?..... \_\_\_\_\_ number of days

**8. Thinking back over the past 12 months, how many times have you fallen and injured yourself? Was it...**

- Never
- Once or twice
- 3-5 times
- More than 5 times
- Don't know

**9. How likely or unlikely are you to recommend living in your community to older adults?**

- Very likely
- Somewhat likely
- Somewhat unlikely
- Very unlikely
- Don't know

**10. How likely or unlikely are you to remain in your community throughout your retirement?**

- Very likely
- Somewhat likely
- Somewhat unlikely
- Very unlikely
- Don't know

**11. In the last 12 months, about how many times, if ever, have you participated in or done each of the following?**

	<i>2 times a week or more</i>	<i>2-4 times a month</i>	<i>Once a month or less</i>	<i>Not at all</i>
Used a senior center in your community	1	2	3	4
Used a recreation center in your community	1	2	3	4
Used a public library in your community	1	2	3	4
Used bus, rail, subway or other public transportation instead of driving	1	2	3	4
Visited a neighborhood park	1	2	3	4
Attended a local public meeting	1	2	3	4
Watched (online or on television) a local public meeting	1	2	3	4

**12. During a typical week, how many hours do you spend providing care for one or more individuals with whom you have a significant personal relationship (such as a spouse, other relative, partner, friend, neighbor or child), whether or not they live with you?**

	<i>Never (no hours)</i>	<i>1 to 3 hours</i>	<i>4 to 5 hours</i>	<i>6 to 10 hours</i>	<i>11 to 19 hours</i>	<i>20 or more hours</i>	<i>Don't know</i>
One or more individuals age 60 or older	1	2	3	4	5	6	7
One or more individuals age 18 to 59	1	2	3	4	5	6	7
One or more individuals under age 18	1	2	3	4	5	6	7

**13. During a typical week, how many hours, if any, do you spend doing the following?**

	<i>Never (no hours)</i>	<i>1 to 3 hours</i>	<i>4 to 5 hours</i>	<i>6 to 10 hours</i>	<i>11 or more hours</i>	<i>Don't know</i>
Participating in a club (including book, dance, game and other social).....	1	2	3	4	5	6
Participating in a civic group (including Elks, Kiwanis, Masons, etc.).....	1	2	3	4	5	6
Communicating/visiting with friends and/or family.....	1	2	3	4	5	6
Participating in religious or spiritual activities with others.....	1	2	3	4	5	6
Participating in a recreation program or group activity .....	1	2	3	4	5	6
Providing help to friends or relatives.....	1	2	3	4	5	6
Volunteering time to some group/activity in the community .....	1	2	3	4	5	6

**14. How often, if at all, do you do each of the following, considering all of the times you could?**

	<i>Never</i>	<i>Rarely</i>	<i>Sometimes</i>	<i>Usually</i>	<i>Always</i>
Eat at least 5 portions of fruits and vegetables a day.....	1	2	3	4	5
Participate in moderate or vigorous physical activity.....	1	2	3	4	5
Receive assistance from someone almost every day.....	1	2	3	4	5
Vote in local elections .....	1	2	3	4	5

**15. How frequently, if ever, do you do each of the following things on the Internet (using a computer, tablet, cell phone, etc.)?**

	<i>Daily</i>	<i>Weekly</i>	<i>Monthly</i>	<i>Less than once per month</i>	<i>Never/Not applicable</i>
Use email, texting or video to communicate.....	1	2	3	4	5
Use social media (Facebook, Twitter, LinkedIn) .....	1	2	3	4	5
Get the news or weather .....	1	2	3	4	5
Shop, search for products and services .....	1	2	3	4	5
Research or study a topic of interest .....	1	2	3	4	5
Share opinions, post to a blog, review a product or service .....	1	2	3	4	5
Attend an online class or training.....	1	2	3	4	5
Work from home.....	1	2	3	4	5
Banking online (paying bills, investing, etc.) .....	1	2	3	4	5
Find info on community resources and events.....	1	2	3	4	5
If you have a question, use Internet to find the answer.....	1	2	3	4	5
Engage in civic activities (participate in a discussion about community and government issues; research information about an issue or a candidate) .....	1	2	3	4	5
Look up health and medical information.....	1	2	3	4	5
Communicate with government (seek services, get a license, discuss a problem) .....	1	2	3	4	5
Sell goods and services online, advertise .....	1	2	3	4	5
Find directions or look up a map .....	1	2	3	4	5

**16. How comfortable, if at all, are you at each of the following?**

	<i>Very comfortable</i>	<i>Somewhat comfortable</i>	<i>Not at all comfortable</i>	<i>Don't know</i>	<i>Not applicable</i>
Using a computer laptop/desktop .....	1	2	3	4	5
Using a smartphone or tablet computer.....	1	2	3	4	5
Accessing the Internet.....	1	2	3	4	5
Using email .....	1	2	3	4	5
Locating information online (bus schedules, weather, news, etc.) .....	1	2	3	4	5
Using social networking sites (Facebook, Twitter, etc.) .....	1	2	3	4	5

**Our last questions are about you and your household. Again, all of your responses to this survey are completely anonymous and will be reported in group form only.**

- D1. How many years have you lived in your community?**  
 Less than 1 year  
 1-5 years  
 6-10 years  
 11-20 years  
 More than 20 years
- D2. Which best describes the building you live in?**  
 Single family home  
 Townhouse, condominium, duplex or apartment  
 Mobile home  
 Assisted living residence  
 Nursing home  
 Other
- D3. Do you currently rent or own your home?**  
 Rent  
 Own (with a mortgage payment)  
 Own (free and clear; no mortgage)
- D4. About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance and homeowners' association (HOA) fees)?**  
 Less than \$300 per month  
 \$300 to \$599 per month  
 \$600 to \$999 per month  
 \$1,000 to \$1,499 per month  
 \$1,500 to \$2,499 per month  
 \$2,500 or more per month
- D5. How many people, including yourself, live in your household?** ..... \_\_\_\_\_ members
- D6. How many of these people, including yourself, are...**  
 60 or older..... \_\_\_\_\_ members  
 17 or younger..... \_\_\_\_\_ members  
 18-59 years old..... \_\_\_\_\_ members
- D7. What is your employment status?**  
 Fully retired → *Go to Question D9*  
 Working full time for pay  
 Working part time for pay  
 Unemployed, looking for paid work
- D8. [IF NOT YET FULLY RETIRED] At what age do you expect to retire completely and not work for pay at all?** ..... \_\_\_\_\_ years old

- D9. How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)**  
 Less than \$15,000  
 \$15,000 to \$24,999  
 \$25,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

**Please respond to both questions D10 and D11.**

- D10. Are you Spanish/Hispanic/Latino?**  
 Yes  
 No

- D11. What is your race? (Mark one or more races to indicate what race you consider yourself to be.)**  
 American Indian or Alaskan native  
 Asian or Pacific Islander  
 Black, African American  
 White/Caucasian  
 Other

- D12. In which category is your age?**
- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> 60-64 years | <input type="checkbox"/> 80-84 years       |
| <input type="checkbox"/> 65-69 years | <input type="checkbox"/> 85-89 years       |
| <input type="checkbox"/> 70-74 years | <input type="checkbox"/> 90-94 years       |
| <input type="checkbox"/> 75-79 years | <input type="checkbox"/> 95 years or older |

- D13. What is your sex?**  
 Female  
 Male  
 Other/non-conforming

- D14. What is your sexual orientation?**  
 Heterosexual  
 Lesbian  
 Gay  
 Bi-sexual

- D15. Are you a grandparent raising a grandchild?**  
 Yes  
 No

**Thank you for completing this survey. Please return the completed survey in the postage-paid envelope to:**  
**National Research Center, Inc. Data Entry**  
**P.O. Box 549, Belle Mead NJ 08502-9922**