



Vision 2020

Vision 2020 Town Survey 2014 Summary Report

**HELP SHAPE THE FUTURE: *ARLINGTON'S
LIBRARY, OPEN SPACES, AND HOUSEHOLD
WASTE PROGRAMS***

FALL 2014

Vision 2020 Town Survey 2014 Summary Report

Vision 2020's Town Census-Insert Survey 2014 – "Help Shape the Future: Arlington's Library, Open Spaces, and Household Waste Programs" – was designed to support the long-range planning efforts of three town organizations. The 6,536 surveys returned to Vision 2020 by the March deadline represent 34% of Arlington's households, a record return for the survey.

A new, highly collaborative survey development and reporting process provided data and comments to the three participating organizations within weeks of the initial survey returns. The process made it possible for the organizations to use the data early in their planning efforts and to take actions in response to incoming comments from survey respondents.

This summary report outlines the new survey process and presents survey findings and observations separately for each organization. Survey results helped each group enhance planning, validate their responses to community needs, and take action where needed. Examples of the early applications of the 2014 survey findings appear in the *2014-15 Recycling and Trash Guide*, in the minutes of the Library's presentation at the 2014 Town Meeting, and in Open Space articles in [The Arlington Advocate](#).

How Was the Survey Different This Year?

The 2014 Census Survey differed from previous surveys in format, question development, and feedback to participating groups. Outcomes from these changes were highly beneficial to the survey participants and the town.

Format Changes

The 2014 survey was four pages long, in contrast with the six-page editions of previous years. The longer surveys included a full page introduction to the year's topic, four pages of survey questions, and a page about Vision 2020. The Vision 2020 information included a list of Task Groups and their current projects, and provided sign-up space for potential volunteers.

Tighter funding limits for printing the 2014 survey and distributing its findings led to the four-page format. The new first page consisted of a brief introduction to the survey goals, specific survey instructions, and a description of Vision 2020. It included links to Vision 2020 on the town website, an email address, and an invitation to join any of the listed Task Groups. Survey questions began on the bottom of the first page.

In recent years, the survey was offered in both paper form and online. Two factors prompted the decision to offer the 2014 survey in paper form only. First, the number of online survey responses had decreased significantly and accounted for only 10% of responses in 2013. Second, integration of data from online and paper surveys had become excessively time consuming, given that the survey is produced and analyzed by volunteers.

Topic Identification, Question Development, and Feedback

With the Town Planning Department's guidance, Vision 2020 identified and contacted three town organizations that were either developing long-range plans or fulfilling a State-mandated planning requirement. The groups were Arlington Library, including Robbins Library and the Fox Branch Library; the Open Space Committee, and the Department of Public Works-Household Waste Program. A highly

collaborative, interactive process between Vision 2020 and each of these organizations resulted in clearly defined goals for their participation in the survey. Each group drafted questions to obtain the information they wanted. Then, Vision 2020 and each participating group worked closely in a back-and-forth process to refine the questions. This approach was intended to generate information of immediate use to each town organization, and was targeted at helping each group accomplish specific goals.

Within the first four weeks after the survey was sent to Arlington households, Vision 2020 received over 5,000 completed surveys, a new record. Vision 2020 established a protocol for providing each participant organization with respondent comments from their section of the survey as surveys continued to come in. This flow of preliminary data during the survey return period allowed the participant groups to make the earliest possible use of their new data and incorporate the information in their planning endeavors.

Survey Data – Respondent Demographics

Each year Vision 2020 collects demographic data to help shed more light on responses to survey questions. Town groups that will benefit from the survey are asked to identify demographic information that would best enhance interpretation of their data. This year, for example, household size was added to support analysis of the DPW data.

The response to demographic questions was very good, as 92% to 98% of survey respondents answered these questions. The majority of respondents, 52% (3,353), have lived in Arlington for less than 16 years. Thirty percent (1,900) have lived in town for 16 to 40 years, and 18% (1,180) for over 40 years.

Seventy-four percent (4,654) own their own dwelling, and 26% (1,650) rent. Fifty-four percent (3,347) live in a single family home, 29% (1,806) in a 2-family, 6% (351) in a 3-8 unit building, and 11% (715) in a 9+ unit building.

The majority, 57% (3,444) live in a 1-2 person household. Thirty-seven percent (2,213) live in a 3-4 person household, and 5% (321) in a 5-6 person household. Less than 1% (20) live in a household with 7+ people.

The survey asked the age groups of all members of the household. The largest age groups represented in respondents' households are 30-44 (32%, 2,119) and 65 to 75+ (32%, 2,115) followed by under 18 (30%, 1,933), 45-54 (26%, 1,708) and 55-64 (24%, 1,543).

All precincts were well represented, with a range from 3.6% to 5.3% and a median of 4.7%.

Arlington's Library -- Robbins Library and The Fox Branch Library

Arlington's Library is engaged in long-range planning with the goal of keeping pace with the most innovative libraries in the country. While the Library had engaged a consultant to assist with this process, it saw the opportunity to participate in the 2014 town survey and gather information from over 19,000 Arlington households as an important way to "listen" to a wide spectrum of residents. After receiving some data from the Vision 2020 survey, the Library developed and conducted a separate, brief online survey via Arlington Notices.

The Library questions in the Vision 2020 survey focused on respondents' likelihood of using various library services, frequency of library use, and factors that might increase use. The Library also sought to assess its community role as a place to stay warm or cool for people who might have that seasonal need. The response to all questions was very good -- generally over 90%.

The data suggest that respondents make good use of the Library, particularly traditional library services, in person and online; small percents of respondents have just started to use the Library. A small percent of respondents use the Library to stay cool or warm. Better parking, more hours – particularly hours sensitive to working people’s schedules – and summer weekend hours might increase use of the Library.

In feedback to Vision 2020, Library Director Ryan Livergood said, “In our new strategic plan, we have added action items that directly address the top three criteria identified in the Vision 2020 survey that would increase library usage (Better parking, Summer weekend hours, More hours).” Further, the survey data “validated that we were taking appropriate action to respond to the needs of the community.” Data also were cited during Mr. Livergood’s presentation of the Library budget to the May 2014 Town Meeting.

Library Services

Knowing what Library services are most likely to be used by residents can help the library focus its resources and efforts. A question presented a menu of 12 services ranging from *Check out books* to *Use a makerspace with 3-D printer*, and asked “How likely is it that your household would use these Library services?” For each item, respondents could answer “Likely,” “Very likely,” or “Not likely.”

Percents of response to this question ranged from 95% (6,229) of the 6,536 respondents for *Check out books* to 90% (5,873) for *Use a makerspace*. This is an excellent response rate. Combining the “Very likely” and “Likely” responses shows that traditional services are more likely to be used, e.g., *Check out books*, 80%; *Request an item from another library*, 67%; *Borrow museum passes*, 63%; and *Attend library sponsored events*, 61%. A few respondents commented that they did not know the library provided some of the more common services such as museum passes, study rooms, or downloading eBooks. This showed, once again, that simply asking a question can increase awareness of available services.

Likelihood of using technological services varied. At the upper end of the spectrum, 59% of respondents said they were “Very likely” (33%) or “Likely” (26%) to use *Downloadable eBooks and eAudioBooks*, and 56% were “Very likely” (35%) or “Likely” (21%) to use *Library databases*. By contrast, *Use of Library social media* appealed to 16%, and *Use a makerspace and 3-D printer* appealed to 25%. Several individuals commented that they did not know what a makerspace was. Noting such remarks, Vision 2020 published a February 13 [Arlington Advocate](#) article on makerspaces and 3-D printers.

Table 1. Likelihood of Use of Services

Very likely to use	
• Check out books	55% (3,454)
• Request item from another library	40% (2,414)
Likely to use	
• Attend library-sponsored programs	44% (2,635)
• Borrow museum passes	38% (2,294)
• Use library databases	35% (2,110)
• Download eBooks/eAudioBooks	33% (1,976)
Not likely to use	
• Library social media	84% (5,012)
• Attend technology/computer trainings	77% (4,578)
• Attend book discussion groups	76% (4,502)
• Use makerspace with 3-D printer	75% (4,403)

Frequency of Use of Library

The Library wanted to know how frequently residents use the Library in person and online. Ninety-seven percent (6,342) of respondents answered “How frequently do people in your household use the Library in person?” Of these, 84% use the library with some frequency, including those who have just started to use it; 16% (1,007) never use it. Thirty-seven percent (2,331) said they use it monthly, 24% (1,549) use it weekly, 1% (75) use the Library daily, and 3% (211) just started. Several older respondents, among them three who gave their ages as 89, 92, 99, indicated that they aren’t able to use the library; one suggested a mobile library that would serve the elderly and homebound.

As for those using the library online, of the 84% (5,513) who responded, 64% use it with some frequency; 36% (1,997) never use the library online. Twenty-seven percent (1,494) use online monthly, 18% (970) weekly, 2% (106) daily, and 4% (225) just started using it online.

A few comments written in next to this question indicated that respondents use other libraries such as Belmont and Tufts or Minuteman Network online.

What Would Increase Use?

The question “What would increase your use of the Library?” presented a menu of eight options and asked respondents to check all that apply. Seventy-five percent (4,885) of respondents checked one or more options. We looked at two aspects of the responses to this question: 1) What percent of all 6,536 survey respondents chose an option and 2) What percent is each option of the 11,364 responses to “What would increase use of the Library?”

Better parking, chosen by 40% (2,599) of all survey participants, represented 23% (2,599) of all the option selections. This choice was frequently highlighted with comments, underlines, and exclamation points. *Summer weekend hours*, chosen by 32% (2,084) of all survey respondents, garnered 18% (2,084) of the selections. *More hours*, chosen by 25% (1,625) of all survey respondents, represented 14% (1,625) of the selections. Again these options were highlighted with comments that in several cases pointed to the wish to use the library when the respondents’ working hours permitted. Some respondents suggested “more efficient” hours rather than simply adding hours; efficient pertained to accommodating working people who might work on shifts. Finally, *More downloadable content*, selected by 22% (1,441) of all respondents, represented 13% (1,441) of all choices.

While *Increased locations* was least selected – 4% (413) -- it did receive comments that suggested a site in Arlington Heights.

Distance from Home to Library

Noting the response to *Better parking*, we wondered if distance from home to Library affected in-person use of the Library. We also asked if distance affected choice of *Better parking* as an option that might increase use. In some cases, distance to the Library appears to make a difference, primarily for locations on the west side of town (see precinct map in Appendix).

Looking at the range of percents for monthly use of the Library in person, we see that 44% (134) of Precinct 19 respondents use the Library monthly. Precinct 8 at 42% (143) and Precincts 11 and 12 at 41% (124 and 136 respectively) are the next highest monthly users. In contrast, 27% (76) of Precinct 17 respondents use the Library monthly.

For respondents who never use the library in person, the range is 9% (29) for Precinct 10 which is closer to the Library, to 21% (59 and 60 respectively) for Precincts 13 and 18, which are distant on the northwest and west edges of town. Precinct 17 is the next highest nonuser at 20% (56).

Looking at responses to *Better parking* as an option that would increase use of the library, we see a range from 16% (91) for Precinct 8 which includes the Library, to 29% (140) for Precinct 13 at the northwest edge of town. For Precincts 16 and 18, both on the west end of town, 28% (140 and 139 respectively) chose *Better parking*. It appears that Precincts 13 and 18 are the highest nonusers of the library and also more likely to cite a need for better parking. Further, for nine precincts – Precincts 10, 11, 12, 13, 15, 16, 18, 19, and 20 – 25% to 29% of respondents from each of these precincts cited a desire for better parking.

Ages of Household Members and Length of Residence in Town

We asked if ages of household members or length of residence in town might affect the selection of options that would increase use of the library. The data do not clearly point to effects of these two factors.

Still, when we look at the ranges of percents of response within each of the length of residence groupings, we note that there are wide ranges of percents for three groups: 40+ years, <5, and 6-15 years. For those living in town for 40+ years, the range in percents of selected menu items is 12 points, from 8% for More downloadable content to 20% for Better parking. Nineteen percent chose Additional locations. This suggests preferences for the latter two items by respondents living in town for 40+ years.

The range of percents for those in town <5 years is 11 points, from 21% for Better parking to 32% for each of More downloadable content and Additional popular materials. But the outlier in this range is 21%, and the other items tend to cluster. So parking seems less important than other choices for this group. For those in town 6-15 years, the range of percents is 10 points, from 23% for Additional locations to 33% for each of More hours and Summer weekend hours. The outliers in this group are 23% and 25% (Variety of useful programs), as the other items tend to cluster; so these two items seem less important than other choices for them.

Use of Library to Stay Warm or Cool

The final Library questions “Has your household used the Library as a place to stay warm? or cool?” grew out of community discussions about where residents could find cooling centers during the very hot 2013 summer. Respondents were more likely to use the Library to stay cool – 16% (861) than warm 4% (213). There was a 90% (5,941) response to the question about staying warm and an 81% (5,267) response for the question about staying cool. Often respondents who checked “No” to stay warm did not respond to stay cool. Very few respondents use the Library to stay warm and to stay cool.

Recommendations

The data suggest that respondents make good use of the Library in person and online. Better parking, more hours – particularly hours sensitive to working people’s schedules – and summer weekend hours might increase use of the Library. Parking is part of a town concern, particularly in the Arlington Center area, and is exacerbated by the limited space close to the Library. Increasing hours involves budget issues. However, as some respondents suggested, hours might be shifted rather than increased. And some summer weekend hours might offer the possibility of a weekend cooling location on excessively hot days when there are few free local options for many residents to stay cool.

The Library is already using a wide variety of outreach strategies, among them information spots on ACMI Cable TV and participation at Town Day and the Farmers Market. Still there were respondents who were unaware of some traditional services and a number of the newer technology-based services.

We suggest that the Library expand outreach to residents about both traditional and new library services and about the rich variety of resources and programs offered.

Open Space Committee

Arlington's Open Space Committee is revising the Town's 2007 – 2014 Open Space Plan to provide more current information and to fulfill a requirement of the State Executive Office of Energy and Environmental Affairs. While many of the Town's recreational areas and large open spaces (such as the Minuteman Bikeway, Spy Pond, Menotomy Rocks Park, and Robbins Farm) are popular and well-used, a variety of smaller parks and natural areas are not as well known. The Committee wanted to know residents' level of awareness of these spaces and reasons why they do not know about or visit them.

The Open Space Committee designed its survey questions to create better awareness of and access to open spaces and recreational facilities. Questions addressed use of 12 lesser known town parks/open spaces areas, opinions about adequate numbers of specified town resources, preferred methods of learning about open space and recreational resources/programs, and reasons people might not use the parks or recreational facilities. The survey included a web address so respondents could find the locations of the parks.

Of the 12 selected locations, the most visited open space site is the new Alewife Greenway Path. The sites receiving the highest percents of "Don't Know About" responses are Cooke's Hollow, Window on the Mystic, Meadowbrook Park, and Hill's Hill. Respondents commented that they did not know some sites by the names in the survey and indicated they didn't know about some of the recreational resources in the town. The Open Space Committee took action on these findings even before Vision 2020 made its report to Town Meeting in May. The Committee is working with The Arlington Advocate to publish a "hidden gems" series about the town's open spaces.

Ann LeRoy, Chair of the committee said, "The survey is bearing immediate direct results in terms of community education, and it will be incorporated into the next Open Space Plan for posterity."

Visits to Open Space Sites

The survey provided a menu of 12 town parks/open spaces and asked "Have any household members visited any of these open spaces?" Respondents could check "Yes," "No," or "Don't Know About." The response rates for this question range from 92% for Great Meadows and Alewife Greenway to 88% for Cooke's Hollow, Ottoson Woods, and Window on the Mystic.

The most visited of the selected sites (answered "Yes") is Alewife Greenway Path at 60% (3,595) of the 6,536 respondents, followed by Arlington's Great Meadows, 46% (2,776), and Reservoir Path and Wildlife Habitat Garden, 44% (2,623). More survey respondents answered these items than other items on the menu of sites. The least visited sites (answered "No") are Turkey Hill, 40% (2,370) of 6,536 respondents; Ottoson Woods, 40% (2,306), and Mt. Gilboa, 38% (2,207).

The sites receiving the most "Don't Know About" responses are Cooke's Hollow, 56% (3,227) of 6,536 respondents and Window on the Mystic, 56% (3,225), followed by Meadowbrook Park, 49% (2,886), and Hill's Hill, 48% (2,818). The first two of these sites received the highest "No Response" percents at 12% each.

The Open Space section of the survey received significantly more comments than the Library or Department of Public Works sections. Written comments support the observation that if respondents don't know about a site, they don't use it. Further, volunteers who prepared the surveys for scanning observed that a number of respondents filled in both the No and Don't Know About columns for some or all sites. Some respondents noted that they didn't know the names of sites or didn't know them by that name, but might have visited them; others said they didn't know the location of the named site. For this question and the later Use of Open Space question, three respondents cited disabilities as a reason for nonuse, sometimes because of access issues; five cited their age as a reason for not visiting a site.

Does Town Have Sufficient Open Space and Recreation Resources?

To gather opinions about available resources, the survey offered a menu of 10 town open space/recreational amenities and asked, "Does the Town have an adequate number of these resources?" Respondents could check "Yes" or "No." Resources receiving the highest percents of response (items were checked rather than left blank) were *Walking/biking trails*, 85% of 6,536; *Neighborhood parks*, 83%; *Children's playgrounds*, *Natural areas/trails*, and *Outdoor/indoor swimming*, all 82%.

Over 50% of the 6,536 respondents found 7 of the 10 resources to be in adequate supply. Resources receiving the highest percents of "Yes" (adequate) responses, were *Children's playgrounds*, 74% (4,864) of 6,536; *Neighborhood parks*, 69% (4,526); *Walking/bike trails*, 68% (4,461) and *Indoor ice skating*, 63% (4,109).

Again illustrating a lack of awareness of some of the town's resources, a number of respondents wrote "Don't know" or "???" next to one -- or often more -- menu items.

We wondered if length of residence in town would make a difference in perceptions of adequacy of resources. In some cases, it does seem to make a difference. Respondents living in town for 26-40 years are most likely to say there is adequate indoor ice skating. The range for "Yes" is 75% for <5 years to 86% for 26-40 years. A quarter of respondents here for <5 years said there is not enough indoor ice skating.

Regarding *Walking/bike trails*, respondents in town for 40+ years are most likely to say there are enough such trails, 87%. The range of "Yes" percents is 78% for both <5 and 16-25 years to 87% for 40+ years.

Resources receiving the highest percents of "No", not adequate, were *Outdoor/indoor swimming*, 54% (3,552) of 6,536; *Outdoor ice skating*, 42% (2,733); *Community gardens*, 41% (2,663). Considering length of residence, for *Outdoor/indoor swimming*, the range of "No" percents is wide -- 57% for those in town 40+ years to 70% for those here 6-15 years. Those in town <5 to 15 years were most likely to say there is not enough *Outdoor ice skating*, 55% and 56% respectively. There is a wide range of percents for respondents saying there are not enough *Community gardens*. While 57% of those in town 16-25 years said "No", 41% of those here 40+ years say "No", i.e. the longest term residents are more likely to be satisfied with the existing gardens.

Information Source Preferences

The Open Space Committee wanted to know the best ways to publicize the town's resources and events. They offered a menu of six sources of information and asked "How do you learn about open

space and recreational resources/programs?” Respondents could check up to three sources. Ninety-one percent of the 6,536 survey respondents answered this question.

We looked at two aspects of responses to this question: 1) what percent of all 6,536 survey respondents chose an option and 2) what percent is each option of the 14,241 responses to “How do you learn about resource/programs?” Two town electronic sources received the highest response. *Arlington Recreation or Town websites*, chosen by 61% (3,605) of the 6,536 respondents, represented 25% (3,605) of the 14,241 sources selections. *Town Notices – email*, chosen by 50% (2,954) of all survey respondents, garnered 20% (2,954) of the selections. Least used is *Signage/announcement at a given site*, chosen by 19% (1,139) of respondents and representing 8% (1,139) of all selections. Comments included these suggestions for additional sources: Google maps, neighbors, seasonal brochures by mail, and Senior Notes at the main library.

Use of Open Spaces/Reasons for Nonuse

The survey asked, “Does your household use Arlington’s open spaces and recreational facilities?” and offered a “Yes” or “No” response. Ninety-four percent (6,132) of survey respondents answered this question. Seventy-one percent (4,631) of the 6,536 respondents said “Yes”, they use these resources; 23% (1,501) said “No”. A few respondents checked both Yes and No, and a few checked Yes but wrote in that they only use one or two sites.

Respondents who answered “No” were asked, “If no, why not?” and given a menu of seven reasons. They could check all that applied. Twenty-six percent (1,720) of the 6,536 respondents checked one or more items on this list. The top reason – *Don’t know locations/programs* -- represents 26% (907) of the total 3,425 responses to the list. This response seems reinforced by the percents of “Don’t Know About” answers to the visits to town open spaces question and by the number of write-in “Don’t knows” for the adequate resources question. Eighteen percent (600) *Don’t know about open spaces in their neighborhoods*, and 17% (569) are *Not aware of opportunities for casual recreational activities*.

Some respondents who said “Yes”, they do use open space/rec facilities, also checked items from the list.

General positive comments were written in by at least six respondents who cited good maintenance, nice job on tennis court lighting, great playgrounds, walking trails are awesome, love the area next to the Library, Arlington is great place to walk and enjoy open space.

Recommendations

In the responses to three Open Space questions, we find evidence that respondents do not know about some of Arlington’s open spaces and recreational sites. Looking at the length of residence data associated with the “Don’t Know About” comments, we note that it is as likely that respondents who have lived in town for <5 years do not know about open spaces and recreational sites as those here 26 to 40+ years.

An educational or publicity campaign can take advantage of well used open space sites to post information about other sites and events. However, to attract residents who may not yet engage with the town’s open spaces, publicity needs to reach out to a broader audience. Through its new series in [The Arlington Advocate](#), the Open Space Committee has already initiated a strategy for increasing awareness of town sites and resources. (See example in Appendix) We suggest the Open Space Committee develop additional outreach efforts as part of their plan.

Department of Public Works – Household Waste Program: Trash and Recycling

Trash is a problem. We all generate it. Getting rid of it is expensive. According to the Massachusetts Department of Environmental Protection:

Every year, even though Massachusetts boasts one of the highest recycling rates in the nation, the Commonwealth disposes of enough trash to fill 74 Fenway Parks [at] a large cost to the environment and the taxpayer wallet. By recycling and reusing more waste materials [our] cities and towns can save money and benefit the environment as they throw away less trash. ... As landfills close, municipalities and businesses seek innovative solutions to the problem of higher waste disposal costs, but state government has fewer resources to help. (1)

(1) Massachusetts 2010-2020 Solid Waste Master Plan, April 2013, Executive Summary

Arlington must comply with the Massachusetts 2010-2020 Solid Waste Master Plan goals and reduce its solid waste disposal from 2008 levels by 30% by 2020 and by 80% by 2050. Arlington's 2008 baseline is 16,232 tons of solid waste (i.e., trash sent to the North Andover incinerator). The projected 2014 level of 12,832 tons represents a 21% decline from 2008 and good progress toward the 2020 goal of 10,875 tons (or about 1,100 pounds per household).

The Vision 2020 Census Survey last included questions on recycling and composting in 2009. Since then, Arlington has signed a new solid waste contract with a different hauler, providing weekly recycling and yard waste collection and enforcing the mandatory recycling bylaw. The Department of Public Works (DPW) and the Arlington Recycling Committee felt new data were needed to see how residents have been affected by these changes. Speaking for the DPW, Charlotte Milan, Recycling Coordinator, said "We can use this information to inform how we improve outreach to residents and continue to build positive recycling habits while reducing solid waste costs for the town."

DPW's choice of questions to include in the 2014 Census Survey was shaped by the twin goals of managing solid waste disposal expenses and meeting statewide targets for reducing solid waste tonnage by 2020 and 2050. To this end, DPW asked questions about trash, recycling, yard waste, and food waste in order to update and improve the recovery of recyclable and reusable materials.

The level of response to the four questions was excellent, as about 97% of all 6,536 survey respondents answered. The survey found that 68% put out one or fewer barrels of trash per week; 60% put out more than two 16-gallon recycling bins or one or more 35-gallon bins. While 52% put yard waste at curbside, 22% composted or kept yard waste on the property. For disposal of food waste, 46% put such waste in the trash, and 38% used a disposal.

Upon reviewing survey data, the DPW stated, "The survey results confirm DPW observations that the amount of recycling generated is enough to overflow the once-common 16- gallon blue recycle bin. While a number of residents have already upgraded their recycling containers to accommodate the higher volume of recycling, still more households should consider using larger containers. Having a little extra room in a recycling container encourages more thorough recycling and prevents over-filled container contents from blowing away and becoming litter."

Household Waste Program – Trash

Volume of weekly trash put out by residents was measured in terms of 35-gallon equivalent bags or barrels. Of the 6,367 households that answered this question, 68% (4,322) put out one or fewer

per week, 24% (1,553) put out two, and 8% (492) put out more than two. The 2009 Census Survey did not gather this type of information, so the 2014 data will serve as a baseline for future comparisons.

Weekly volume of household trash was broken down separately by housing type, number of people in household, years lived in Arlington, and home owners versus renters.

The majority of respondents (57%) live in 1-2 person households; 37% live in 3-4 person households, and 6% in households of 5-6 or 7+. As might be expected, the majority of smaller households – 75% for 1-2 persons and 63% for 3-4 persons – put out one or fewer barrels per week. For the 7+ person households, 50% put out more than two barrels and 39% just two barrels. For all housing types – single family, 2-family, 3-8 unit buildings, and 9+ unit buildings – about 70% of respondents put out one or fewer waste barrels per week. Owning or renting made no difference to the number of barrels put out. Those living in town 40+ years were more likely to put out two or more barrels.

Household Waste Program – Recycling

Volume of weekly household recycling was measured in terms of 16-gallon bins (the common blue bins), 35-gallon barrels or equivalent, and for multi-unit buildings, large rolling recycling totes. Of the 6,330 households that reported their recycling, 30% (1,910) put out one 16-gallon bin each week, 28% (1,786) put out more than one 16-gallon bin, 17% (1,087) put out one 35-gallon barrel, 15% (935) put out more than one 35-gallon barrel, and 9% (564) used shared recycling toter. One percent (58) reported that recycling was not available.

Respondents living in 1-2 person households were most likely to put out one 16-gallon bin. Those in households of 5-6 or 7+ were more likely to put out more than one 16-gallon bin or more than one 35-gallon bin. Of respondents living in single family, 2-family, and 3-8 unit buildings, 30% to 35% put out one 16-gallon recycle bin per week; 31% to 33% of those in single family and 2-family dwellings put out more than one bin. Respondents living in 3-8 unit and 9+ unit buildings are most likely to use shared recycling totes or to indicate recycling is not available to them. While similar percents of owners and renters put out one 16-gallon bin, owners were slightly more likely to put out more or larger bins. Those living in town 40+ years were more likely to put out one 16-gallon bin, while those in town 6-15 years were more likely to put out more or larger bins.

The DPW asked survey staff to create data tables that display weekly numbers of trash barrels by precinct and number of recycle bins by precinct. Such data can help the DPW assess disposal town-wide and help plan public awareness outreach. These tables are not included in this report.

Household Waste Program – Yard Waste

Volume of yard waste was not measured. Instead, households were asked about methods of yard waste disposal. Did it stay on the property, composted or otherwise; get collected by the Town from April to November; get removed by a hired lawn service; or get handled by the condo association or apartment building management? Respondents could check all methods used, so the total number of choices (8,471) exceeded the total number of respondents. Curbside collection by the Town was by far the most frequently used method (52%), followed by composting on the property and removal by a hired lawn service (15% each), handled by condo association or apartment building (11%) and kept on property (7%). Looked at another way, composting and keeping on property accounted for 22% of yard waste disposal methods used, compared to 78% for the three removal from the property options. This may indicate significant potential for increasing yard waste management on site rather than trucking it elsewhere.

Household Food Waste Disposal Practices

While a few Massachusetts communities are beginning to offer town-wide, curbside food waste collection, Arlington has not yet chosen this option. However, because food waste is typically wet and therefore heavy, it is an important factor in solid waste disposal costs. DPW's fourth survey question asked how households handle food waste and offered five methods of disposal. Households were asked to indicate each method used. The two most frequently identified methods of food waste disposal were putting it in the trash (46%) and using a garbage disposal (38%). Composting accounted for the remainder: composting some or all food waste at home (14%), using a worm bin (.7%), and contracting with a private company to take food waste for composting (.4%). There appears to be substantial potential for reducing costs associated with food waste disposal.

Eight respondents from 7 different precincts wrote comments stating they would like to have a community composting program. Several respondents commented on difficulties with composting, particularly in the winter.

Recommendations

As suggested above, there may be significant potential to increase yard waste management on site, and there may be potential to reduce costs of food disposal. Comments written on the surveys, while very few in number, show interest in town-wide composting and composting methodologies. Perhaps the DPW and Vision 2020 Task Groups might consider educational outreach on these waste disposal topics.

APPENDIX

- Copy of The Arlington Advocate article "Makerspaces, 3-D printers and worm bins"
- Town of Arlington precinct map
- Copy of The Arlington Advocate article "Hidden Gems"
- 2014 Town Survey
- Vision 2020's May Report to Town Meeting with updated and corrected data tables

VISION 2020

Makerspaces, 3-D printers and worm bins

What on earth do Makerspaces, 3-D printers, and worm bins have in common?

Well, Vision 2020's 2014 town survey "Help Shape the Future: Arlington's Library, Open Spaces, and Household Waste Programs" includes questions about these exotic-sounding items. Let's explore what they are and why they might be important to ask people about.

Robbins Library would like to know how likely it is that residents would use a makerspace or 3-D printer.

According to makezine.com: "The term 'makerspace' didn't really exist in the public sphere until 2005 or so, when 'MAKE' magazine was published for the first time. The term

didn't really become popular until early 2011, when 'MAKE' magazine registered makerspace.com and started using the term to refer to publicly-accessible places to design and create (often times in the context of creating spaces for children)." (<http://makezine.com/2013/05/22/the-difference-between-hackerspaces-makerspaces-techshops-and-fablabs/>)

A 3-D printer can print 3-D objects by building layer upon layer of plastic, as directed by a computer program. These programs are widely available thanks to free open source software.

With the right program you can create anything from a coffee cup to an obsolete part for a typewriter or car that's no longer being manufactured. Indeed, the February Smithsonian Magazine says over 20 objects from the Smithsonian's collections have been digitized and placed online; teachers can download and print replicas of Lincoln's life mask for their students to inspect.

"Robbins Library does not yet have a makerspace, but they are a growing trend in public libraries," said Robbins Library Assistant Director Andrea Nicolay. The library has always been a place to set your imagination free, and makerspaces support that spirit of exploration and creativity. In a makerspace, makers of all ages can take advantage of

tools like a 3-D printer and bring home something that is of value to them. At other libraries, makerspaces offer recording studios, robotics kits, and micro-controllers, as well as classes to support their use."

The Public Works Department would like to know how residents dispose of food waste – and the use of worm bins is one option people might use. Vermicomposting is the formal term for the use of worm bins. According to <http://www.wormladies.com/>, this method of composting uses red wiggler worms in containers that can be kept under one's kitchen sink, in the garage, or in a yard. There is no unpleasant odor because vermicomposting is an aerobic process that drastically speeds up decomposition so the end result is available sooner.

What are the benefits of worm bins? The decomposed matter can be used as a soil enhancer or fertilizer that is organic no matter what is fed to the worms. The wormladies site says worms can compost as much as 35 percent of waste created in the home and garden, thus reducing waste in landfills and saving money by paying less to dispose of waste.

"I've composted with worms for two years now and have learned a lot," said Charlotte Milan, DPW recycling coordinator. "They

are very low maintenance, and it really doesn't smell. Since it takes a little getting used to the idea of composting indoors, it helps if you have some level of comfort with biological processes. If you're really squeamish, this could be a hurdle. What I love most is the incredible transformation of peels and shells and old, dead, bottom-of-the-drawer produce into pure fertile material that I can add to my garden and house plants. What surprises me the most about worms is that they make a very small noise that if you put your ear near them sounds like 10,000 mouths chewing, it's pretty incredible."

Remember to submit town census, survey

Completed town census forms and town surveys should be returned to the Arlington Town Clerk's Office. Surveys received by March 17 will be included in Vision 2020's May report to Town Meeting.

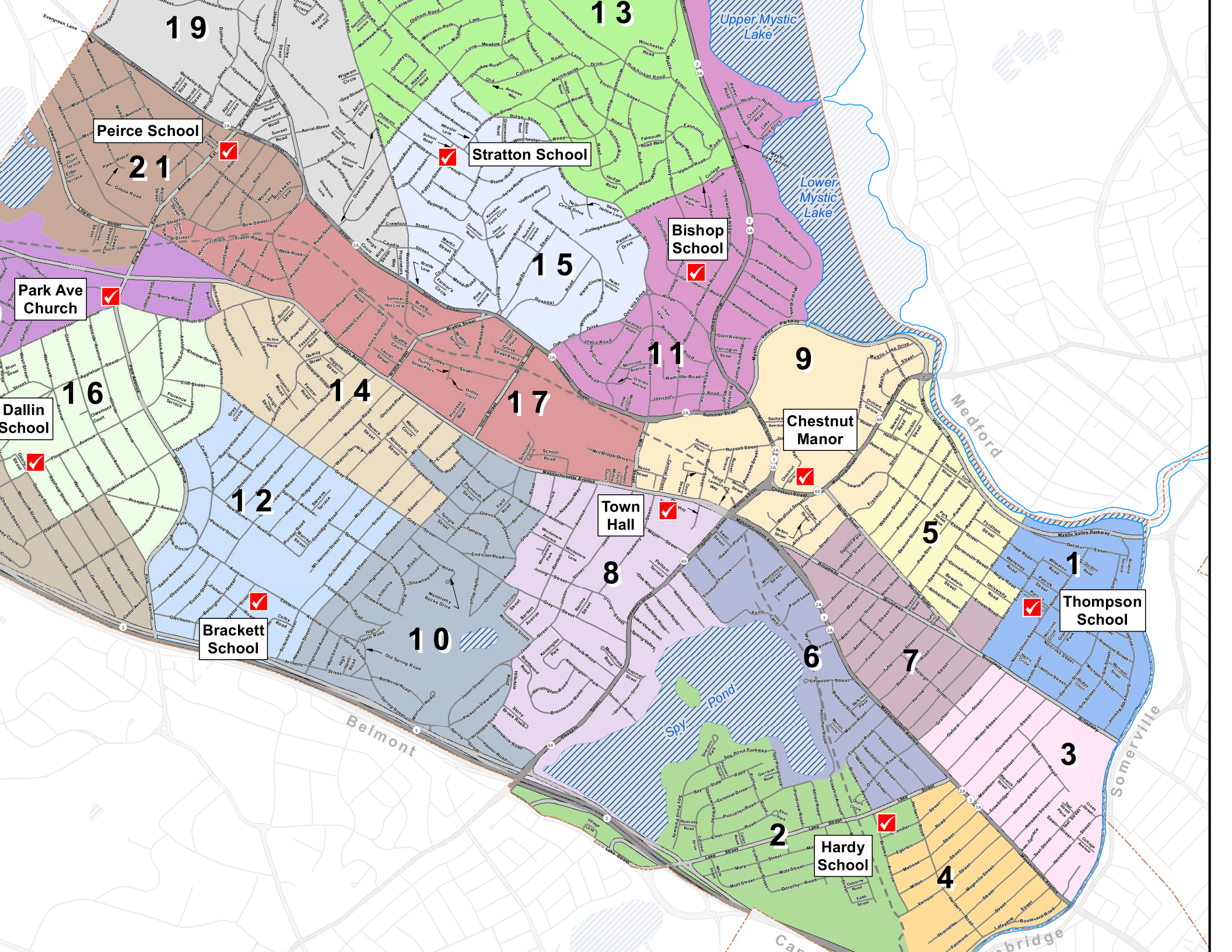
Volunteers who prepare the completed surveys are especially grateful to residents who follow survey instructions to use a ball point pen to fill in the answer bubbles and who include (no staples, please) their comments on a separate piece of paper. Comments are being forwarded to the participating survey organizations and to other town departments as appropriate.

GET ON THE
RIGHT COURSE TO
FIGHT CANCER™



SUPPORT THE JIMMY
FUND THROUGH GOLF

JimmyFundGolf.org
866-521-GOLF



19

13

Peirce School

Stratton School

Bishop School

21

15

Park Ave Church

9

16

11

Chestnut Manor

Dallin School

14

17

Town Hall

12

5

Thompson School

Brackett School

8

6

7

10

2

Hardy School

3

4

Belmont

Spy Pond

Upper Mystic Lake

Lower Mystic Lake

Medford

Somerville

Car

bridge

The Arlington Advocate

- **By Jack Adams**
jadams@wickedlocal.com
Posted Jun. 17, 2014 @ 6:30 pm

ARLINGTON

Name Crusher Lot/Ottoson Woods

Location Beside the Ottoson Middle School, just south of Mass. Ave. and off of Gray Street

How to get there Approach along Mass. Ave. and then turn onto Quincy Street. Parking can be found along any of the side streets. There are entrances on Benjamin Road and Gray Street.

Size 6 acres, including Ottoson Middle School

Owned by Parks and Recreation Commission of Arlington

Best for A quick walk to watch some wildlife

3 things to know

1 The area came to be known as Ottoson Woods after Junior High West became Ottoson Middle School.

2 It was called Crusher Lot because in the 1800s, that area — specifically where the middle school now stands — was used to excavate stone, which was then fed into the town's steam powered stone crusher to make gravel. The gravel was used to create roads in the rest of Arlington.

3 The excavation was likely stopped because the supply of stone became exhausted.

Why it's a hidden gem

Ottoson Woods is a great place to see some wildlife and get out of the sun on a walk around the neighborhood. Work up an appetite then refuel at one of the many restaurants along that stretch of Mass. Ave.

Share your photos

Did you visit one of Arlington's lesser known open spaces? Send a photo or a suggestion for a space to be featured to jadams@wickedlocal.com.

**Help Shape the Future:
Arlington's Library, Open Spaces,
and Household Waste Programs**

2014



Dear Arlington Residents,

Since 1991, Vision 2020, a collaboration of Town leadership and townspeople, has used an insert to the Town's Annual Census Mailing to inform you about Arlington and to ask your opinions on aspects of life in our town. Since the survey reaches about 18,500 Arlington households, it offers Vision 2020 and the Town an important opportunity to seek information that can be used to develop plans that serve all who live, work in, or visit the Town.

Town departments and organizations regularly take time to assess their goals, services, operation, and strategies and to develop new plans. Their planning may be required by state or other mandates or by normal planning cycles. The 2014 survey focuses on three town groups that are engaged in long range planning: the Arlington Library, the Open Space Committee, and the Department of Public Works-Household Waste Programs.

Each section of the survey includes a brief explanation of how your responses will help the town department or committee asking the questions. Your answers will provide valuable input to these organizations as they plan how best to serve Arlington.

COMPLETING THE SURVEY (paper only, no on-line version)

Use ONLY a ball point pen to fill bubbles completely ●. Do not write comments on the survey. Instead, email your comments to vision2020@town.arlington.ma.us or submit them on a separate paper with your survey. All responses received **by March 17, 2014** will be included in the report to Town leadership, Town Meeting, and the public, as well as in the Town's Annual Report.

Return your completed survey in the same envelope as your Census form, OR hand deliver to the Town Clerk's Office, Town Hall 2nd floor, OR mail to:

Vision 2020 Census Survey 2014
Town Hall, 730 Massachusetts Avenue, Arlington, MA 02476

What is Vision 2020?

Vision 2020 is a Committee of the Town of Arlington, established by Town Meeting in the early 1990's. Its mission is to foster collaboration between residents and the Town to further the nine Town Goals enacted in 1993 and to create, implement, and review methods for open, town-wide participation. Vision 2020's Task Groups and Committees support and advance accomplishment of the goals: **Community and Citizen Service, Diversity, Education, The Environment (Reservoir, Spy Pond, Sustainable Arlington), Culture and Recreation (Public Art), Communication, Fiscal Resources, Governance, Business.** A volunteer organization, Vision 2020 welcomes participation.

To learn about Vision 2020, read about us in the Town's Annual Report on the Town website arlingtonma.gov or visit our section of the website at arlingtonma.gov/vision2020 to see a list of Task Group meeting times. To join one of our Task Groups or Committees as a volunteer, email us at vision2020@town.arlington.ma.us or call 781-316-3093 and leave your name, address and phone contact.

Vision 2020 Standing Committee and Task Group Co-Chairs

Adria Arch, Brad Barber, Kathleen Bodie, Claire Carswell, Adam Chapdelaine, Joe Connelly, Dan Dunn, Andrew Fischer, Bruce Fitzsimmons, Joey Glushko, David Garbarino, David Haas, Mary Harrison, Leba Heigham, Jane Howard, Gordon Jamieson, Elizabeth Karpati, John Leone, Josh Lobel, Gail McCormick, Cheryl Miller, Brucie Moulton, Angela Olszewski, Stephen Ricci, David White

I. Demographic Questions

What is your precinct number? (**See left side of your Census form above Resident Data.**)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please tell us about yourself and individuals in your household:

What age groups are represented by members of your household:

under 18	18 – 29	30 – 44	45 – 54	55 – 64	65 --74	75+
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Number of years lived in Arlington < 5 6 - 15 16 - 25 26 - 40 40+

Best description for your housing Single family 2-family 3 – 8 units bldg 9+ units bldg

Do you own or rent? Own Rent

How many people are in your household? 1 – 2 3 – 4 5 -- 6 7+

2. Arlington’s Libraries – Robbins Library and The Fox Branch Library

The Library is developing a long-range plan to improve services to the community and to anticipate changing needs.

A. How likely is it that your household would use these Library services? **Fill in one bubble for each service:**

Library Resources/Services	Very Likely	Likely	Not Likely
Check out books	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend technology/computer trainings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use study/meeting rooms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download eBooks/eAudiobooks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use Arlington/regional history resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Borrow museum passes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend library-sponsored events/programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend book discussion groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use a makerspace with a 3D printer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use Library databases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use Library social media (Facebook, blog)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Request an item from another library	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

B. How frequently do people in your household use the Library?

	Just started	Daily	Weekly	Monthly	Yearly	Never
In person	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On-line	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

C. What would increase your use of the Library? **Fill in a bubble for ALL answers that apply.**

More hours	<input type="radio"/>	Variety of useful programs	<input type="radio"/>
Summer weekend hours	<input type="radio"/>	More downloadable content	<input type="radio"/>
Additional popular materials	<input type="radio"/>	Better parking	<input type="radio"/>
More entertaining programs	<input type="radio"/>	Additional locations	<input type="radio"/>

D. Has your household used the Library as a place to **stay warm?** Yes No or **cool?** Yes No

3. Open Space Committee

Arlington’s Open Space Committee is revising the Town’s 2007-2014 Open Space and Recreation Plan to provide more current information and to fulfill a requirement of the State Executive Office of Energy and Environmental Affairs. Many of the Town’s recreational areas and large open spaces (such as the Minuteman Bikeway, Spy Pond, Menotomy Rocks Park, and Robbins Farm) are popular and well-used, but a variety of smaller parks and natural areas are not as well known. To find the location of these parks, go to arlingtonma.gov/maps and click “Vision 2020 Map of Arlington”.

The following questions are designed to create better awareness of and access to all open spaces and recreational facilities.

A. Have any household members visited any of these open spaces? **Fill in one bubble for each open space.**

Open Spaces	Yes	No	Don't Know About
Arlington's Great Meadows (in East Lexington)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meadowbrook Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mill Brook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cooke's Hollow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mt. Gilboa	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turkey Hill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ottoson Woods/Crusher Lot	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summer St. Multigenerational Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hill's Hill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Window on the Mystic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alewife Greenway Path	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reservoir Path and Wildlife Habitat Garden	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

B. Does the Town have an adequate number of these resources? **Fill in one bubble for each resource.**

	Yes	No		Yes	No
Children's playgrounds	<input type="radio"/>	<input type="radio"/>	Off leash dog recreation areas	<input type="radio"/>	<input type="radio"/>
Neighborhood parks	<input type="radio"/>	<input type="radio"/>	Outdoor ice skating	<input type="radio"/>	<input type="radio"/>
Natural areas/nature trails	<input type="radio"/>	<input type="radio"/>	Indoor ice skating	<input type="radio"/>	<input type="radio"/>
Community gardens	<input type="radio"/>	<input type="radio"/>	Tennis courts	<input type="radio"/>	<input type="radio"/>
Outdoor/indoor swimming	<input type="radio"/>	<input type="radio"/>	Walking/bike trails	<input type="radio"/>	<input type="radio"/>

C. How do you prefer to learn about open space and recreational resources/programs? **Fill in UP TO THREE bubbles.**

Arlington Recreation or Town websites	<input type="radio"/>	Signage/announcement at a given site	<input type="radio"/>
Town of Arlington Notices (email)	<input type="radio"/>	Seasonal Arlington Rec brochures	<input type="radio"/>
On-line sources (Arlington List, Patch, Wicked Local, Your Arlington)	<input type="radio"/>	Arlington Advocate (print media)	<input type="radio"/>

D. Does your household use Arlington's open spaces and recreational facilities? **Yes** **No**

If no, why not? Fill in bubbles for all answers that apply.

- Don't know about locations and programs
- Don't know about open spaces in our neighborhood
- Not interested in open spaces, in general
- Not interested in outdoor recreation and competitive sports
- Not aware of opportunities for casual, non-competitive recreational activities
- Can't access due to disability barriers
- Not convenient to travel to and park at some locations

4. Public Works – Household Waste Program

The Town would like to know more about your residential trash, recycling, and yard waste practices in order to continue to update and improve the recovery of **recyclable and reusable** materials.

- A. How many 35-gallon equivalent bags or barrels of **TRASH** – not including recycling -- does your household put out on the curb or in your building's dumpster each week, on average?

Fill in ONLY ONE bubble.

One or fewer Two More than two

- B. How many recycling containers does your household put out on the curb each week, on average?

Fill in ONLY ONE bubble.

- One 16-gallon bin (common-size) or less
More than one 16-gallon bin
One recycling barrel (approximately 35 gallons)
More than one recycling barrel or equivalent
Our building has large rolling recycling totes that tenants share
Our buildings does not offer recycling for tenants

- C. What does your household do with yard waste? Yard waste is: *Fill in ALL answers that apply.*

- Kept on the property
Composted on the property
Put on curb for Town collection, April - November
Removed by a hired lawn service
Handled by condo association/apartment building

- D. What does your household do to dispose of food waste? *Fill in ALL answers that apply.*

- Include food waste with trash
Compost some or all food waste at home
Contract with a private company to take food waste for composting
Use a garbage disposal
Use a worm bin

Thank you for completing your Survey and Town Census Form!

Please return your completed Survey in the envelope provided with your Town Census Form or see directions on Page 1 of this survey.



Vision 2020

Report to Town Meeting

May 7, 2014



To: Town Meeting Members and Town Officials

From: Vision 2020 Standing Committee and Task Groups
Co-Chairs: Brucie Moulton and Mary Harrison
Adria Arch, Brad Barber, Kathleen Bodie, Claire Carswell, Adam Chapdelaine, Joe Connelly, Dan Dunn, Andrew Fischer, Bruce Fitzsimmons, Danuta Forbes, David Garbarino, Joey Glushko, Leba Heigham, Jane Howard, Gordon Jamieson, Elizabeth Karpati, John Leone, Josh Lobel, Gail McCormick, Cheryl Miller, Angela Olszewski, Stephen Ricci, Michael Stern, David White, Bonie Williamson

Date: May 7, 2014

Subject: Vision 2020 Report to the 2014 Annual Town Meeting

The Vision 2020 Standing Committee and its Task Groups are pleased to present this report on their projects and activities for 2013, Warrant Article 39, and the 2014 Annual Survey, "Help Shape the Future: Arlington's Library, Open Spaces, and Household Waste Programs." Complete survey results and analysis will be available on the Town website this summer. Initial data tables follow this introduction.

Details of the work Vision 2020 has performed on behalf of the Town of Arlington during 2013 appear in:

- The Town's 2014 Annual Report, pages 96-105, which briefly reviews Vision 2020's history, describes specific Standing Committee and Task Group accomplishments in 2013, and includes results of the 2013 Vision 2020 Annual Survey, "Collaborative Arlington: Exchanging Information, Working Together." Findings from that survey have been cited in recent online discussions about pre-Town Meeting Community meetings.
- The Finance Committee's Report to the 2014 Annual Town Meeting, which shows their recommended vote for Warrant Article 39 (Water Bodies Fund) and the inclusion of Vision 2020 in Warrant Article 35 (Appropriation/ Committees and Commissions).

Vision 2020 is in transition as an organization. Its reexamination of its purposes, processes, and leadership structures continues during 2014. The 2014 town survey is a successful example of a new Vision 2020 process. The survey focused on three town organizations -- the Library, Open Space Committee, and the DPW -- that are engaged in long range planning. Vision 2020 collaborated with these organizations to develop survey questions and a process for sharing survey findings on a biweekly to monthly basis as surveys came in. Since January, Vision 2020 has been providing comments from the surveys and initial trend data to these organizations.

Underlining the benefits of this approach, Library Director Ryan Livergood said, "The Library is implementing data received from the Vision 2020 survey into our new Strategic Plan. We believe the information we gathered from the Vision 2020 survey will help us to improve the library experience for everyone in our community." Speaking for the Department of Public Works, Charlotte Milan, Recycling Coordinator, said "We can use this information to inform how we improve outreach to residents and continue to build positive recycling habits while reducing solid waste costs for the town." The Open Space Committee has already initiated a series of Arlington Advocate articles which will feature open space sites, starting with those the survey identified as having high percents of "Don't Know About" responses. Ann LeRoyer, Chair of the Open Space Committee, said, "The survey is bearing immediate direct results in terms of community education, and it will be incorporated into the next Open Space Plan for posterity." In addition to providing timely data to the town, this year's survey also achieved a 34% return rate, a Vision 2020 record. Of the 19,383 surveys mailed out with the census, 6,536 completed surveys were returned by the March 17 deadline. We deeply appreciate residents' participation.

As part of its revisioning and revitalization efforts, Vision 2020 has conducted an internal survey, developed a leadership team job description, and initiated a search for new leaders.

Vision 2020 Annual Survey Results for 2014



Demographics

Total Responses:
6,536

Precinct

	#	%
Pct. 1	235	3.6%
Pct. 2	310	4.7%
Pct. 3	304	4.7%
Pct. 4	308	4.7%
Pct. 5	272	4.2%
Pct. 6	317	4.9%
Pct. 7	304	4.7%
Pct. 8	347	5.3%
Pct. 9	315	4.8%
Pct.10	318	4.9%
Pct.11	311	4.8%
Pct.12	344	5.3%
Pct.13	290	4.4%
Pct.14	295	4.5%
Pct.15	296	4.5%
Pct.16	286	4.4%
Pct.17	286	4.4%
Pct.18	297	4.5%
Pct.19	317	4.9%
Pct.20	296	4.5%
Pct.21	320	4.9%
No Response	168	2.6%

Household includes children < 18

	#	%
Under 18 yrs	1,933	29.6%

Household includes 18-29 year olds

	#	%
18-29 yrs	1,009	15.4%

Household includes 30-44 year olds

	#	%
30-44 yrs	2,119	32.4%

Household includes 45-54 year olds

	#	%
45-54 yrs	1,708	26.1%

Household includes 55-64 year olds

	#	%
55-64 yrs	1,543	23.6%

Household includes 65-74 year olds

	#	%
65-74 yrs	1,122	17.2%

Household includes 75+ year olds

	#	%
75+ yrs	993	15.2%

Years in Arlington¹

	#	%
<5	1,605	24.6%
6-15 yrs	1,748	26.7%
16-25 yrs	1,028	15.7%
26-40 yrs	872	13.3%
40+ yrs	1,180	18.1%
No Response	103	1.6%

Housing Type

	#	%
Single family	3,347	51.2%
2-family	1,806	27.6%
3-8 unit bldg	351	5.4%
9+ unit bldg	715	10.9%
No Response	317	4.9%

Own/Rent

	#	%
Rent	1,650	25.2%
Own	4,654	71.2%
No Response	232	3.5%

How many people are in your household?

	#	%
1-2 people	3,444	52.7%
3-4 people	2,213	33.9%
5-6 people	321	4.9%
7+people	20	0.3%
No Response	538	8.2%

¹There are two age ranges that overlap, 26-40 yrs and 40+ yrs. This is how the choices were presented in the paper survey.

*Note: Because of rounding, some choices add to 99 or 101%.

Vision 2020 Annual Survey Results for 2014

Arlington's Libraries - Robbins Library and the Fox Branch Library

The Library is developing a long-range plan to improve services to the community and to anticipate changing needs.

The %'s shown on this page represent the % of total responses for each question.

How does the survey information benefit the Library?

According to Andrea Nicolay, Assistant Director of the Library, "The timing of the 2014 survey couldn't have been better for the Library because we were in the process of developing our new Strategic Plan just as the valuable Census survey results were rolling in." Director Ryan Livergood said, "The Library is implementing data received from the Vision 2020 survey into our new Strategic Plan. We believe the information we gathered from the Vision 2020 survey will help us to improve the library experience for everyone in our community."

How likely is it that your household would use these Library services?

	#			%		
	likely	very likely	not likely	likely	very likely	not likely
Check out books	1,512	3,454	1,263	24%	55%	20%
Attend technology/computer trainings	1,049	338	4,578	18%	6%	77%
Use study/meeting rooms	1,509	568	3,888	25%	10%	65%
Download eBooks/eAudioBooks	1,976	1,545	2,447	33%	26%	41%
Use Arlington/regional history resources	1,686	440	3,835	28%	7%	64%
Borrow museum passes	2,294	1,523	2,243	38%	25%	37%
Attend library-sponsored events/programs	2,635	1,015	2,378	44%	17%	39%
Attend book discussion groups	1,165	284	4,502	20%	5%	76%
Use a makerspace with a 3D printer	1,057	413	4,403	18%	7%	75%
Use Library databases	2,110	1,234	2,648	35%	21%	44%
Use Library social media (Facebook, blog)	698	222	5,012	12%	4%	84%
Request an item from another library	1,663	2,414	2,029	27%	40%	33%

How frequently do people in your household use the Library?

		Daily	Weekly	Monthly	Yearly	Never	Just started
In Person:	#	75	1,549	2,331	1,169	1,007	211
	%	1%	24%	37%	18%	16%	3%
Online:	#	106	970	1,494	721	1,997	225
	%	2%	18%	27%	13%	36%	4%

What would increase your use of the library

	#	%
More hours	1,625	100%
Summer weekend hours	2,084	100%
Add. popular materials	949	100%
More entertaining programs	975	100%
Variety of useful programs	1,278	100%
More downloadable content	1,441	100%
Better parking	2,599	100%
Additional locations	413	100%

Has your household used the Library as a place to stay:

	No		Yes	
	#	%	#	%
Warm:	5,728	96%	213	4%
Cool:	4,406	84%	861	16%

Vision 2020 Annual Survey Results for 2014



Open Space Committee

Arlington's Open Space Committee is revising the Town's 2007-2014 Open Space and Recreation Plan to provide more current information and to fulfill a requirement of the State Executive Office of Energy and Environmental Affairs. Many of the Town's recreational areas and large open spaces (such as the Minuteman Bikeway, Spy Pond, Menotomy Rocks Park and Robbins Farm) are popular and well used, but a variety of smaller parks and natural areas are not as well known. To find the location of these parks, go to <http://arlingtonma.gov/maps> and click "Vision 2020 Map of Arlington".

How does the survey benefit the Open Space Committee?

A review of Open Space data showed low use of some sites and high percents of "Don't Know About" responses. To address this, Open Space Committee has initiated a series of Arlington Advocate articles which will feature open space sites, starting with the least known sites. According to Ann LeRoy, Chair of the Open Space Committee, "The survey is immediately bearing direct results in terms of community education, and it will be incorporated into the next Open Space Plan for posterity!"

The following questions are designed to create better awareness of and access to all open spaces and recreational facilities.

Have any household members visited any of these open spaces?

	#			%		
	No	Yes	Don't know about	No	Yes	Don't know about
Arlington's Great Meadows (in East Lexington)	1,832	2,776	1,434	30%	46%	24%
Meadowbrook Park	2,110	837	2,866	36%	14%	49%
Mill Brook	2,026	1,775	2,044	35%	30%	35%
Cooke's Hollow	1,983	548	3,227	34%	10%	56%
Mt. Gilboa	2,207	901	2,679	38%	16%	46%
Turkey Hill	2,370	1,577	1,926	40%	27%	33%
Ottoson Woods/Crusher Lot	2,306	930	2,539	40%	16%	44%
Summer St. Multigenerational Park	1,912	1,708	2,266	32%	29%	38%
Hill's Hill	1,878	1,117	2,818	32%	19%	48%
Window on the Mystic	1,879	624	3,225	33%	11%	56%
Alewife Greenway Path	1,575	3,595	861	26%	60%	14%
Reservoir Path and Wildlife Habitat Garden	1,598	2,623	1,730	27%	44%	29%

Does the Town have an adequate # of these resources?

	#		%	
	No	Yes	No	Yes
Children's playgrounds	495	4,864	9%	91%
Tennis courts	1,334	3,685	27%	73%
Neighborhood parks	922	4,526	17%	83%
Natural areas/nature trails	1,645	3,715	31%	69%
Community gardens	2,663	2,414	52%	48%
Outdoor/indoor swimming	3,552	1,817	66%	34%
Off leash dog recreation areas	1,583	3,452	31%	69%
Outdoor ice skating	2,733	2,302	54%	46%
Indoor ice skating	998	4,109	20%	80%
Walking/bike trails	1,108	4,461	20%	80%

Does your household use Arlington's open spaces and recreational facilities?

	#	%
No	1,501	23%
Yes	4,631	71%
No Response	404	6%

If No, then why not?

	#	%
Don't know about locations and programs	907	26%
Don't know about open spaces in our neighborhood	600	18%
Not interested in outdoor recreation and competitive sports	407	12%
Not aware of opportunities for casual, non-competitive recreational activities	569	17%
Can't access due to disability barriers	208	6%
Not convenient to travel to and park at some locations	362	11%
Not interested open spaces, in general	372	11%

Vision 2020 Annual Survey Results for 2014



How do you prefer to learn about open space and recreational resources/programs? (Fill up to three bubbles)

	#	%
On-line sources (Arlington List, Patch, Wicked Local, Your Arlington)	2,272	16%
Arlington Recreation or Town websites	3,605	25%
Town of Arlington Notices (email)	2,954	21%
Signage/announcement at a given site	1,139	8%
Seasonal Arlington Rec brochures	2,330	16%
Arlington Advocate (print media)	1,941	14%

Vision 2020 Annual Survey Results for 2014

Public Works - Household Waste Program

The Town would like to know more about your residential trash, recycling, and yard waste practices in order to continue to update and improve the recovery of **recyclable and reusable** materials.

How does the survey benefit the Department of Public Works?

Speaking for the Department of Public Works, Charlotte Milan, Recycling Coordinator, said, "We can use this information to inform how we improve outreach to residents and continue to build positive recycling habits while reducing solid waste costs for the town."

The following questions are designed to create better understanding of waste disposal and recycling behavior.

How many 35-gallon equivalent bags or barrels of TRASH - not including recycling - does your household put out on the curb or in your building's dumpster each week, on average?

	#	%
One or fewer	4,322	68%
Two	1,553	24%
More than two	492	8%

How many RECYCLING CONTAINERS does your household put out on the curb each week, on average? (Fill in ONLY ONE bubble)

	#	%
One 16-gal bin	1,910	30%
More than one 16-gal bin	1,786	28%
One recycling barrel - 35 gal	1,087	17%
More than one 35-gal barrel	935	15%
Shared recycling totes	554	9%
Recycling not available	58	1%

What does your household do with YARD WASTE? (Fill in ALL answers that apply)

	#	%
Composted on the property	1,288	15%
Put on curb for Town collection, April - November	4,419	52%
Removed by a hired lawn service	1,230	15%
Handled by condo association/apartment building	900	11%
Kept on property	634	7%

What does your household do to dispose of FOOD WASTE? (Fill in ALL answers that apply)

	#	%
Include food waste with trash	4,477	46%
Compost some or all food waste at home	1,359	14%
Contract with a private company to take food waste for composting	43	0%
Use a garbage disposal	3,708	38%
Use a worm bin	69	1%

Vision 2020 Annual Survey Results for 2014



Public Works - Household Waste Program - TRASH

The Town would like to know more about your residential trash, recycling, and yard waste practices in order to continue to update and improve the recovery of **recyclable and reusable** materials.

Explanation of tables

These tables show how waste disposal and recycling practices vary for different demographic segments among survey respondents.

The percentages displayed indicate the % of that segment that provided a specific response. For instance 1,166 or 74% of households that have lived in Arlington <5 years put out one or fewer waste barrels per week. Percentages in most categories add to 100%.*

How many waste barrels per week?

Housing type	One or fewer		Two		More than two	
	#	%	#	%	#	%
Single family	2,291	69%	815	25%	202	6%
2-family	1,151	65%	479	27%	151	8%
3-8 unit bldg	242	71%	71	21%	27	8%
9+ unit bldg	456	70%	100	15%	91	14%

Number of people in household	One or fewer		Two		More than two	
	#	%	#	%	#	%
1-2 people	2,494	75%	611	18%	231	7%
3-4 people	1,374	63%	664	30%	155	7%
5-6 people	147	46%	117	37%	54	17%
7+people	2	11%	7	39%	9	50%

Years in Arlington	One or fewer		Two		More than two	
	#	%	#	%	#	%
<5	1,166	74%	338	21%	82	5%
6-15 yrs	1,200	70%	404	24%	102	6%
16-25 yrs	696	69%	239	24%	68	7%
26-40 yrs	558	65%	215	25%	84	10%
40+ yrs	640	57%	332	30%	152	14%

Own/rent	One or fewer		Two		More than two	
	#	%	#	%	#	%
Rent	1,072	68%	377	24%	135	9%
Own	3,112	68%	1,115	24%	344	8%

*Note: Because of rounding, some choices add to 99 or 101%.

Vision 2020 Annual Survey Results for 2014

Public Works - Household Waste Program - RECYCLING

The Town would like to know more about your residential trash, recycling, and yard waste practices in order to continue to update and improve the recovery of **recyclable and reusable** materials.

Explanation of tables

These tables show how waste disposal and recycling practices vary for different demographic segments among survey respondents.

The percentages displayed indicate the % of that segment that provided a specific response. For instance 1,015 or 31% of households who are in Single family homes put out One 16-gal recycling bin/week. Percentages in most categories add to 100%.*

How many recycling containers does your household put out on the curb each week, on average?

Housing type	One 16-gal bin		More than one 16-gal bin		One recycling barrel - 35 gal		More than one 35-gal barrel		Shared recycling toters		Recycling not available	
	#	%	#	%	#	%	#	%	#	%	#	%
Single family	1,015	31%	1,013	31%	645	20%	563	17%	32	1%	8	0%
2-family	529	30%	584	33%	344	19%	291	16%	17	1%	6	0%
3-8 unit bldg	119	35%	93	28%	41	12%	23	7%	54	16%	6	2%
9+ unit bldg	133	20%	38	6%	18	3%	17	3%	422	64%	34	5%

Number of people in household	One 16-gal bin		More than one 16-gal bin		One recycling barrel - 35 gal		More than one 35-gal barrel		Shared recycling toters		Recycling not available	
	#	%	#	%	#	%	#	%	#	%	#	%
1-2 people	1,336	40%	778	23%	418	13%	269	8%	467	14%	45	1%
3-4 people	378	17%	768	35%	511	23%	481	22%	47	2%	3	0%
5-6 people	17	5%	110	35%	73	23%	117	37%				
7+people	4	24%	7	41%			5	29%	1	6%		

Own/rent	One 16-gal bin		More than one 16-gal bin		One recycling barrel - 35 gal		More than one 35-gal barrel		Shared recycling toters		Recycling not available	
	#	%	#	%	#	%	#	%	#	%	#	%
Rent	494	31%	372	24%	181	12%	133	8%	343	22%	47	3%
Own	1,348	30%	1,352	30%	872	19%	777	17%	190	4%	5	0%

Years in Arlington	One 16-gal bin		More than one 16-gal bin		One recycling barrel - 35 gal		More than one 35-gal barrel		Shared recycling toters		Recycling not available	
	#	%	#	%	#	%	#	%	#	%	#	%
<5	412	26%	417	26%	339	21%	229	14%	175	11%	14	1%
6-15 yrs	399	24%	520	31%	306	18%	309	18%	142	8%	16	1%
16-25 yrs	287	29%	311	31%	164	16%	150	15%	81	8%	10	1%
26-40 yrs	291	34%	254	30%	119	14%	107	13%	69	8%	5	1%
40+ yrs	477	43%	268	24%	146	13%	132	12%	79	7%	10	1%

Vision 2020 Annual Survey Results for 2014

Arlington's Libraries - Robbins Library and the Fox Branch Library

The Library is developing a long-range plan to improve services to the community and to anticipate changing needs. These tables show how Library responses vary for different demographic segments of the survey respondents.

Explanation of tables

The percentages displayed indicate the % of that segment that provided a specific response. For instance, 64 households or 28% of Precinct 1 respondents use the Library weekly. The options in the left hand table all add to 100%.* In the right hand table, in Pct 1, 98 households indicate that "Better parking" would increase their use of the Library. This represents 21% of all the respondents to this question from Pct 1.

How frequently do people in your household use the Library?

			Daily	Weekly	Monthly	Yearly	Never	Just started
Pct. 1	In Person:	#	3	64	71	46	39	8
		%	1%	28%	31%	20%	17%	3%
Pct. 2	In Person:	#	1	77	106	59	42	11
		%	0%	26%	36%	20%	14%	4%
Pct. 3	In Person:	#	4	67	114	57	44	15
		%	1%	22%	38%	19%	15%	5%
Pct. 4	In Person:	#	4	69	104	64	49	13
		%	1%	23%	34%	21%	16%	4%
Pct. 5	In Person:	#	3	62	98	53	39	9
		%	1%	23%	37%	20%	15%	3%
Pct. 6	In Person:	#	8	85	111	47	44	12
		%	3%	28%	36%	15%	14%	4%
Pct. 7	In Person:	#	4	79	110	45	44	9
		%	1%	27%	38%	15%	15%	3%
Pct. 8	In Person:	#	4	97	143	60	34	5
		%	1%	28%	42%	17%	10%	1%
Pct. 9	In Person:	#	10	80	102	43	53	13
		%	3%	27%	34%	14%	18%	4%
Pct. 10	In Person:	#	4	102	119	48	29	6
		%	1%	33%	39%	16%	9%	2%
Pct. 11	In Person:	#	3	67	124	52	45	8
		%	1%	22%	41%	17%	15%	3%
Pct. 12	In Person:	#	1	82	136	64	42	7
		%	0%	25%	41%	19%	13%	2%

What would increase your use of the Library?

		#	%
Better parking	Pct. 1	98	100%
	Pct. 2	110	100%
	Pct. 3	87	100%
	Pct. 4	108	100%
	Pct. 5	112	100%
	Pct. 6	101	100%
	Pct. 7	111	100%
	Pct. 8	91	100%
	Pct. 9	90	100%
	Pct. 10	149	100%
	Pct. 11	125	100%
	Pct. 12	160	100%

Precincts continued on next page.

Vision 2020 Annual Survey Results for 2014

Arlington's Libraries - Robbins Library and the Fox Branch Library

Continued from previous page

How frequently do people in your household use the Library?

			Daily	Weekly	Monthly	Yearly	Never	Just started
Pct.13	In Person:	#	4	58	100	54	59	8
		%	1%	20%	35%	19%	21%	3%
Pct.14	In Person:	#	5	80	102	47	41	15
		%	2%	28%	35%	16%	14%	5%
Pct.15	In Person:	#	2	66	111	50	51	6
		%	1%	23%	39%	17%	18%	2%
Pct.16	In Person:	#	1	74	103	61	39	6
		%	0%	26%	36%	21%	14%	2%
Pct.17	In Person:	#	6	62	76	60	56	19
		%	2%	22%	27%	22%	20%	7%
Pct.18	In Person:	#	2	66	100	54	60	6
		%	1%	23%	35%	19%	21%	2%
Pct.19	In Person:	#	1	58	134	61	47	6
		%	0%	19%	44%	20%	15%	2%
Pct.20	In Person:	#		58	105	58	53	12
		%		20%	37%	20%	19%	4%
Pct.21	In Person:	#	4	68	107	68	54	11
		%	1%	22%	34%	22%	17%	4%

What would increase your use of the Library?

		#	%
Better parking	Pct.13	140	100%
	Pct.14	126	100%
	Pct.15	139	100%
	Pct.16	140	100%
	Pct.17	110	100%
	Pct.18	139	100%
	Pct.19	150	100%
	Pct.20	129	100%
	Pct.21	132	100%

Vision 2020 Annual Survey Results for 2014



Arlington's Libraries - Robbins Library and the Fox Branch Library

The Library is developing a long-range plan to improve services to the community and to anticipate changing needs.

These tables show how Library responses vary for different demographic segments of the survey respondents.

Explanation of tables

The percentages displayed indicate the % of that segment that provided a specific response. For instance 878 households that include members "Under 18 years" indicated that "Summer weekend hours" would increase their use of the Library. This represents 21% of all households with members Under 18 years old. Percentages in most categories add to 100%.* Note that in the case of the Age Groupings, a Household may include multiple groupings, so the total count is in excess of the actual total.

What would increase your use of the Library?	Age of household members														
	Total #	Under 18 yrs		18-29 yrs		30-44 yrs		45-54 yrs		55-64 yrs		65-74 yrs		75+ yrs	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
More hours	2,788	648	23%	262	9%	672	24%	488	18%	391	14%	211	8%	116	4%
Summer weekend hours	3,622	878	24%	316	9%	854	24%	633	17%	498	14%	271	7%	172	5%
Add. popular materials	1,566	356	23%	167	11%	416	27%	285	18%	167	11%	108	7%	67	4%
More entertaining programs	1,613	386	24%	137	8%	414	26%	274	17%	176	11%	131	8%	95	6%
Variety of useful programs	2,042	405	20%	172	8%	446	22%	345	17%	313	15%	221	11%	140	7%
More downloadable content	2,387	520	22%	278	12%	632	26%	425	18%	311	13%	176	7%	45	2%
Better parking	4,275	826	19%	388	9%	817	19%	676	16%	632	15%	532	12%	404	9%
Additional locations	640	111	17%	56	9%	140	22%	111	17%	74	12%	74	12%	74	12%

What would increase your use of the Library?	# Years in Arlington											
	<5		6-15 yrs		16-25 yrs		26-40 yrs		40+ yrs		No Response	
	#	%	#	%	#	%	#	%	#	%	#	%
More hours	471	29%	531	33%	277	17%	175	11%	157	10%	14	1%
Summer weekend hours	615	30%	690	33%	340	16%	234	11%	182	9%	23	1%
Add. popular materials	304	32%	287	30%	138	15%	96	10%	118	12%	6	1%
More entertaining programs	294	30%	298	31%	129	13%	119	12%	130	13%	5	1%
Variety of useful programs	373	29%	320	25%	213	17%	171	13%	187	15%	14	1%
More downloadable content	468	32%	456	32%	221	15%	175	12%	111	8%	10	1%
Better parking	547	21%	694	27%	416	16%	384	15%	527	20%	31	1%
Additional locations	117	28%	94	23%	58	14%	59	14%	80	19%	5	1%

*Note: Because of rounding, some choices add to 99 or 101%.

Vision 2020 Annual Survey Results for 2014

Open Space Committee

Arlington's Open Space Committee is revising the Town's 2007-2014 Open Space and Recreation Plan to provide more current information and to fulfill a requirement of the State Executive Office of Energy and Environmental Affairs. Many of the Town's recreational areas and large open spaces (such as the Minuteman Bikeway, Spy Pond, Menotomy Rocks Park and Robbins Farm) are popular and well used, but a variety of smaller parks and natural areas are not as well known. To find the location of these parks, go to <http://arlingtonma.gov/maps> and click "Vision 2020 Map of Arlington".

The following questions are designed to create better awareness of and access to all open spaces and recreational facilities.

Explanation of tables

These tables show how answers for Open Space responses vary for different demographic segments of the survey respondents.

The percentages displayed indicate the % of that segment that provided a specific response. For instance 148 or 11% of households in Arlington <5 years responded No to the question of whether there are an adequate number of Children's playgrounds. Percentages in most categories add to 100%.*

Does the town have an adequate number of these resources?

Years in Arlington	Children's playgrounds				Tennis courts				Neighborhood parks				Natural areas/nature trails			
	#		%		#		%		#		%		#		%	
	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
<5	148	1,216	11%	89%	385	843	31%	69%	226	1,170	16%	84%	384	1,002	28%	72%
6-15 yrs	112	1,391	7%	93%	376	1,049	26%	74%	268	1,256	18%	82%	473	1,034	31%	69%
16-25 yrs	66	793	8%	92%	215	601	26%	74%	160	705	18%	82%	305	558	35%	65%
26-40 yrs	71	626	10%	90%	167	495	25%	75%	131	585	18%	82%	254	445	36%	64%
40+ yrs	88	790	10%	90%	175	660	21%	79%	124	764	14%	86%	211	635	25%	75%

Years in Arlington	Community gardens				Outdoor/indoor swimming				Off leash dog recreation areas			
	#		%		#		%		#		%	
	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
<5	713	585	55%	45%	938	415	69%	31%	387	873	31%	69%
6-15 yrs	791	645	55%	45%	1,054	457	70%	30%	446	952	32%	68%
16-25 yrs	466	355	57%	43%	593	279	68%	32%	299	539	36%	64%
26-40 yrs	337	319	51%	49%	433	271	62%	38%	206	448	31%	69%
40+ yrs	331	478	41%	59%	495	376	57%	43%	235	599	28%	72%

Years in Arlington	Outdoor ice skating				Indoor ice skating				Walking/bike trails			
	#		%		#		%		#		%	
	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
<5	684	555	55%	45%	307	934	25%	75%	306	1,107	22%	78%
6-15 yrs	806	625	56%	44%	252	1,187	18%	82%	320	1,218	21%	79%
16-25 yrs	423	393	52%	48%	147	688	18%	82%	200	697	22%	78%
26-40 yrs	336	317	51%	49%	97	579	14%	86%	148	590	20%	80%
40+ yrs	448	393	53%	47%	180	684	21%	79%	117	803	13%	87%

Vision 2020 Annual Survey Results for 2014

Open Space Committee

Explanation of tables

These tables show how answers for Open Space responses vary for different demographic segments of the survey respondents.

The percentages displayed indicate the % of that segment that provided a specific response. For instance 337 or 21% of households who have lived in Arlington <5 years responded No to the question of whether they use Arlington's open spaces and recreational facilities. Percentages in most categories add to 100%.*

Does your household use Arlington's open spaces and recreational facilities?

Years in Arlington	No		Yes		No Response	
	#	%	#	%	#	%
<5	337	21%	1,217	76%	51	3%
6-15 yrs	274	16%	1,400	80%	74	4%
16-25 yrs	192	19%	790	77%	46	4%
26-40 yrs	212	24%	605	69%	55	6%
40+ yrs	457	39%	565	48%	158	13%

Ages of household members	No		Yes		No Response	
	#	%	#	%	#	%
Under 18 yrs	145	8%	1,751	91%	37	2%
18-29 yrs	223	22%	736	73%	50	5%
30-44 yrs	276	13%	1,784	84%	59	3%
45-54 yrs	270	16%	1,382	81%	56	3%
55-64 yrs	358	23%	1,103	71%	82	5%
65-74 yrs	339	30%	697	62%	86	8%
75+ yrs	445	45%	391	39%	157	16%