

# Deer Control Survey

Avon Lake, Ohio - 2022



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As part of the A Deer Management Plan for the City of Avon Lake, adopted May 9, 2016, in Section 5 “Desired Goals”, the following was stated:

“Based on results of the annual Deer Control Survey (“DCS”), develop changes to the City Ordinances that will allow residents to construct effective deer exclosures to prevent damage to landscaping and gardens. A copy of the Survey is Appendix 14.1 & 14.2.”

It is intended for the 2016 DCS to serve as a baseline of general public opinion regarding the issue of white-tailed deer in the City of Avon Lake and methods and techniques utilized to reduce the amount of deer/human conflicts in the most acceptable, yet effective, way(s).

This DCS was available online and in hard copy, starting May 1, 2022 and was open until June 30, 2022. During that time, 106 were completed online, and 21 were completed with pen or pencil and then, those hard copy surveys were entered individually, as if they were done online. The results of those 127 surveys follow on pages 5 - 17.



## Deer Control Survey

Based on results of this Annual Residential Survey, changes will be developed to the City Ordinances allowing residents to construct effective deer exclosures to prevent damage to landscaping and gardens. Please take a few minutes to answer these questions. Place completed surveys in the provided container, or drop off or mail to the Public Works Department, Avon Lake City Hall, 150 Avon Belden Road, Avon Lake OH 44012. Deadline is June 30<sup>th</sup>.

1) In order to identify specific areas where deer are an issue, what is your address?

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2) How long have you lived in the City of Avon Lake?

☐ Less than 1 year    ☐ 1 - 5 years    ☐ 6 - 10 years    ☐ 11 - 20 years    ☐ More than 20 years

3) How would you describe the deer population in the City of Avon Lake over the last 5 years?

☐ Increasing    ☐ Decreasing    ☐ Stable    ☐ N/A

4) How would you describe the deer population in the City of Avon Lake over the last year?

☐ Increasing    ☐ Decreasing    ☐ Stable    ☐ N/A

5) How would you describe the deer population in your neighborhood over the last 5 years?

☐ Increasing    ☐ Decreasing    ☐ Stable    ☐ N/A

6) How would you describe the deer population in your neighborhood over the last year?

☐ Increasing    ☐ Decreasing    ☐ Stable    ☐ N/A

7) What would you like to see the deer population in the City of Avon Lake do?

☐ Increase    ☐ Decrease    ☐ Remain Stable

8) Over the last month, how many total deer have you seen on your property? \_\_\_\_\_  
(turn over)

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9) What types of deer issues have you experienced on your property over the last year?

(Check all that apply)

- ☐ None   ☐ Garden Damage   ☐ Perennial Plants   ☐ Annual Plants   ☐ Evergreens  
☐ Agricultural Product for Sale   ☐ Aggressiveness to Humans   ☐ Aggressiveness to Pets  
☐ Hit a Deer with my Car   ☐ Almost Hit a Deer with My Car  
☐ Other \_\_\_\_\_

10) If you experienced damage last year, what is the estimated cost of last year's damage?

\$\_\_\_\_\_

11) What measures have you taken to "deer proof" your property? (Check all that apply)

- ☐ None   ☐ Fencing   ☐ Electric Fence   ☐ Plant Deer Resistant Plants   ☐ Taste Repellants  
☐ Smell Repellants   ☐ Visual Repellants   ☐ Other \_\_\_\_\_

12) In the past, who have you contacted regarding deer issues on your property? (Check all that apply)

- ☐ Mayor   ☐ Public Works Dept.   ☐ Councilperson   ☐ Division of Wildlife  
☐ Other \_\_\_\_\_

13) How concerned are you about deer-vehicle accidents in the City of Avon Lake?

- ☐ No Concern   ☐ Slightly Concerned   ☐ Moderately Concerned   ☐ Pretty Concerned  
☐ Something Needs to be Done

14) What types of lethal control do you feel should be allowed in the City of Avon Lake? (Check all that apply)

- ☐ None (no lethal control should be used)   ☐ Open Bow Hunting (no registration with city needed)  
☐ Controlled Bow Hunting (must register with the city)   ☐ Gun Hunting   ☐ Sharpshooting  
☐ Trap and Kill   ☐ Use of Division of Wildlife Deer Damage Permits  
☐ Other \_\_\_\_\_

If you are interested in assisting the City in conduction of surveys about deer within the city, please provide you contact information below:

Name \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_



In order to identify specific areas where deer are an issue, what is your address?

2022: Respondents gave their address on 104 of the 127 surveys (81.9%)

2021: Respondents gave their address on 235 of the 289 surveys (81.3%)

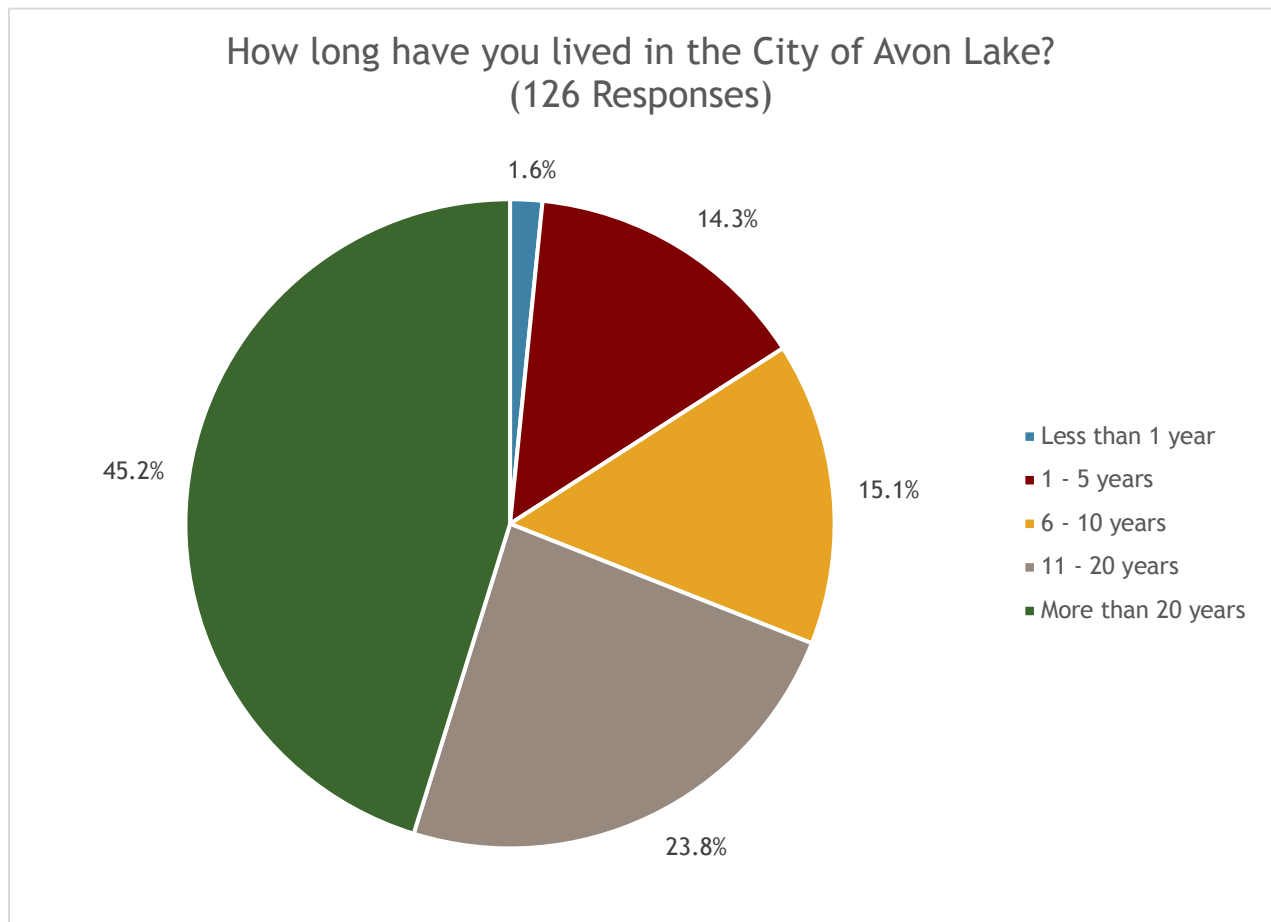
2020: Respondents gave their address on 204 of the 257 surveys (79.4%)

2019: Respondents gave their address on 152 of the 228 surveys (66.7%)

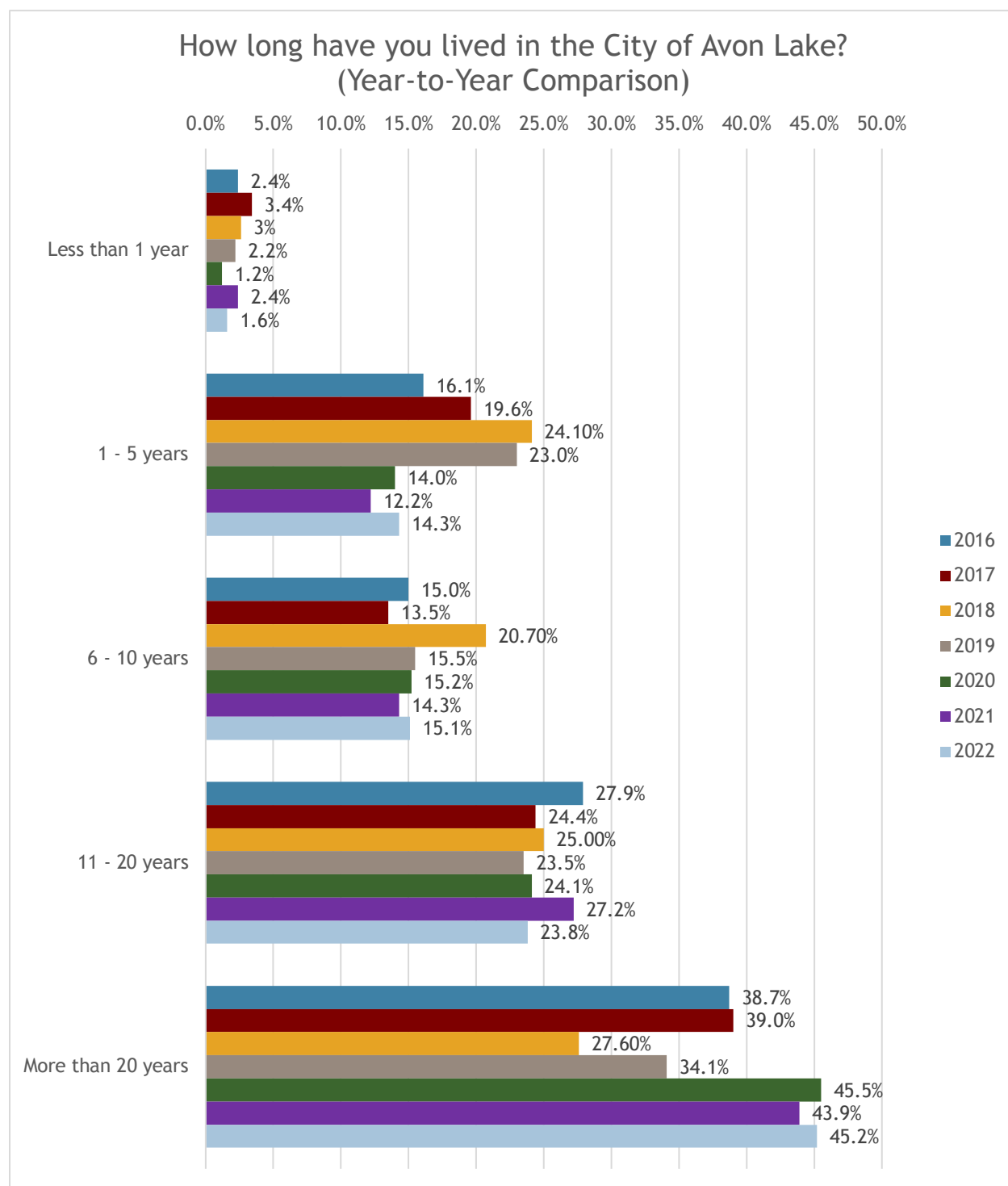
2018: Respondents gave their address on 68 of the 116 surveys (58.6%)

2017: Respondents gave their address on 250 of the 377 surveys (66.3%)

2016: Respondents gave their address on 474 of the 922 surveys (51.4%)

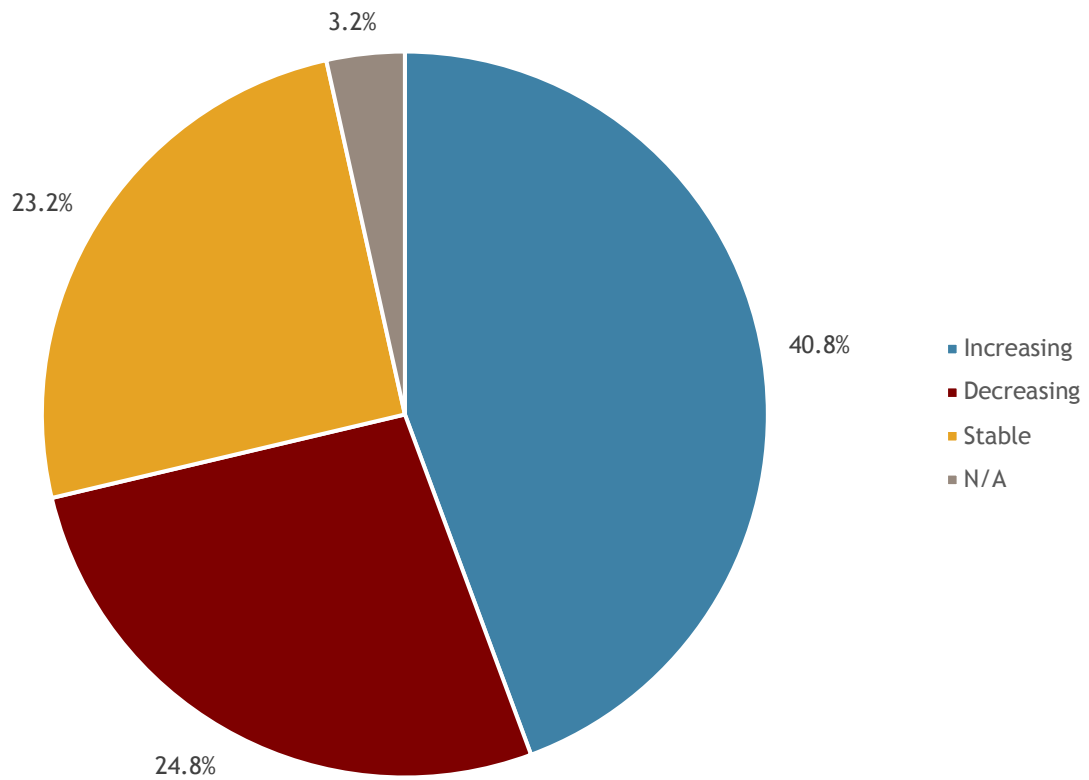


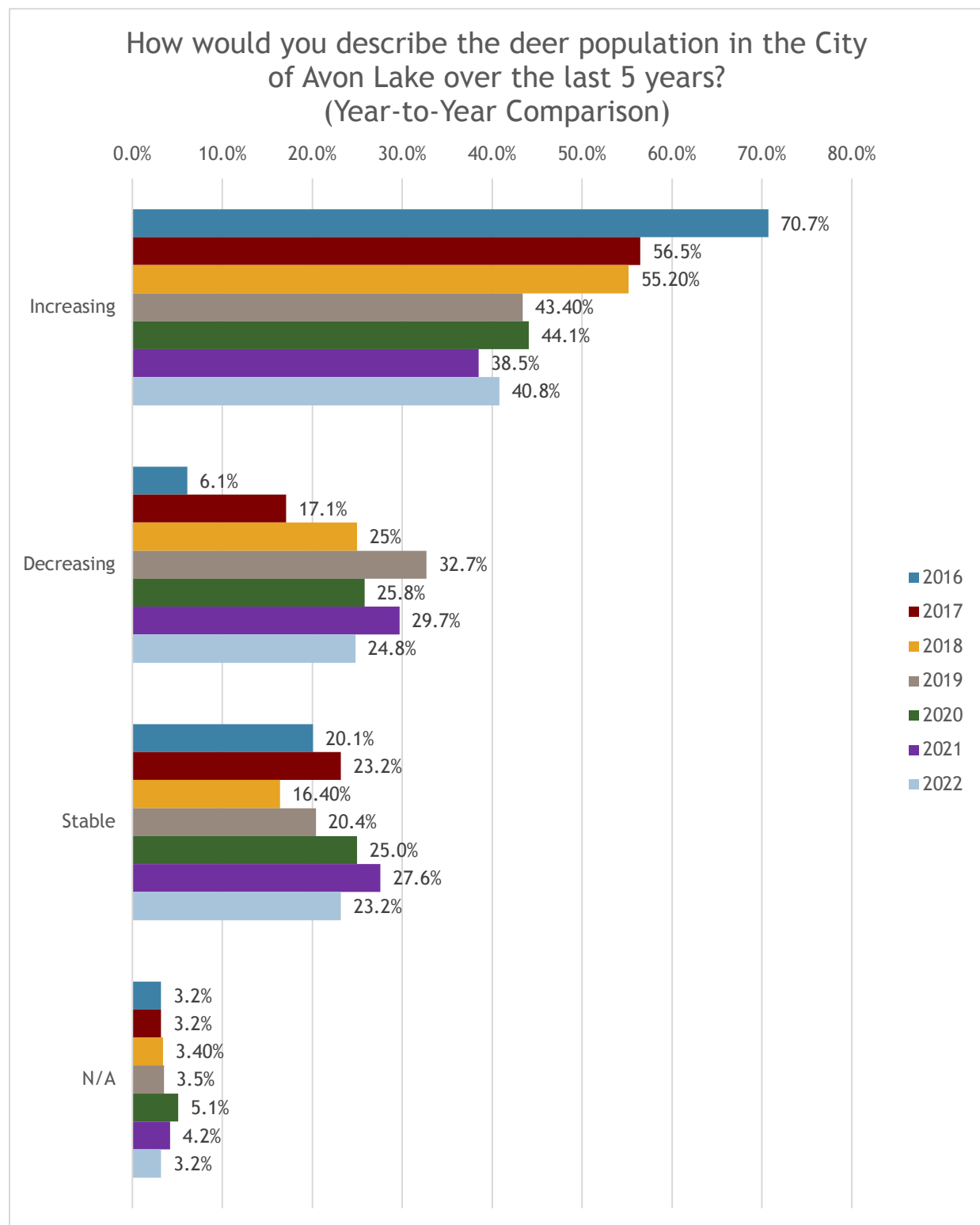




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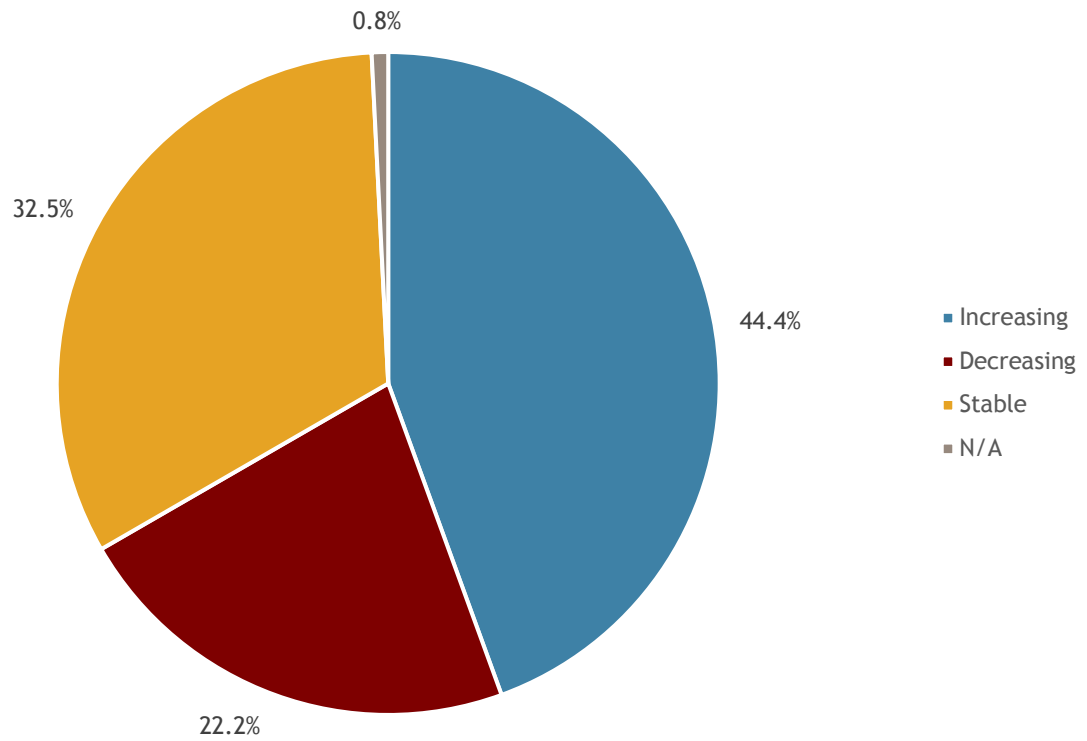
How would you describe the deer population in the City of Avon Lake over the last 5 years?  
(125 responses)

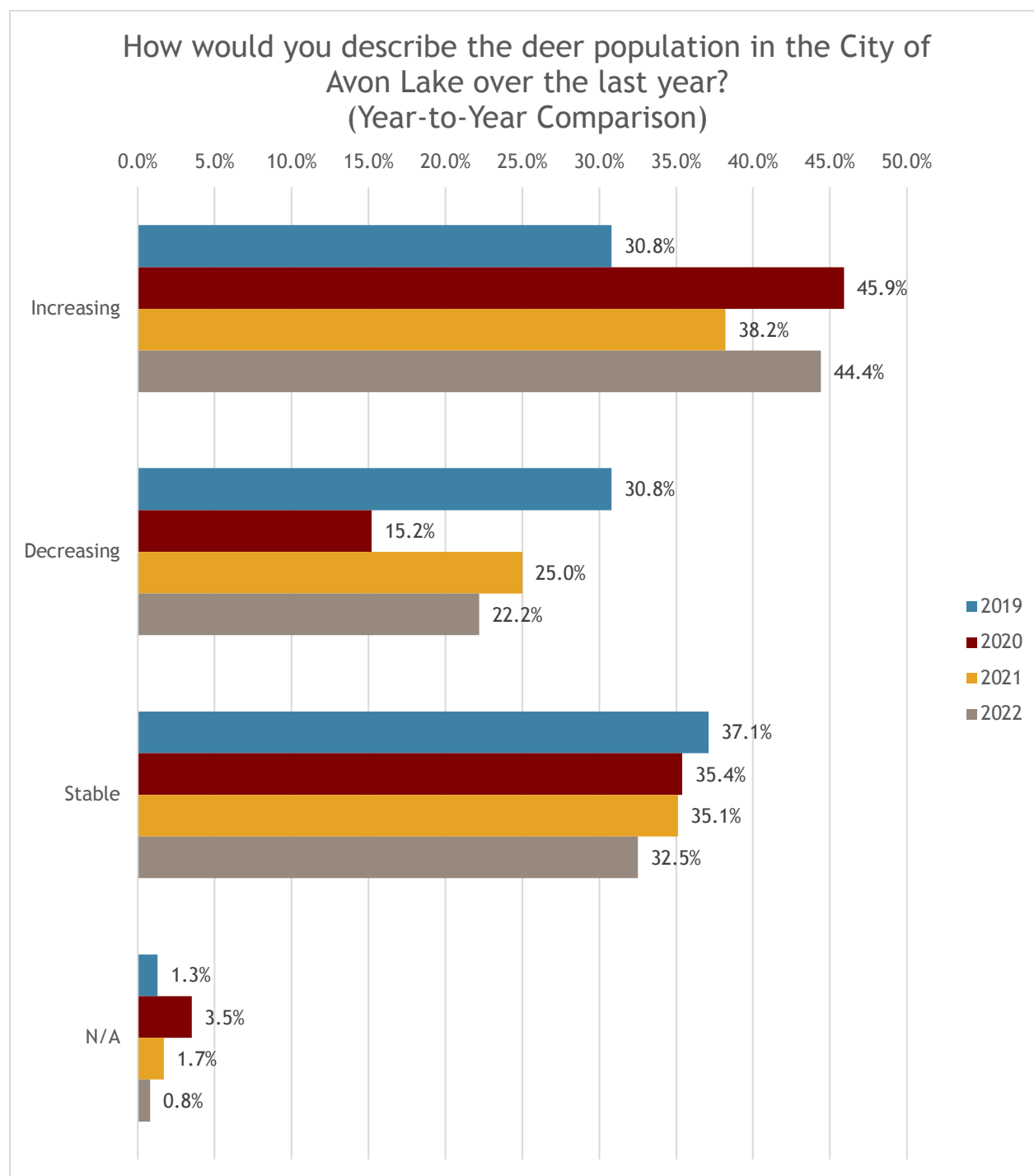




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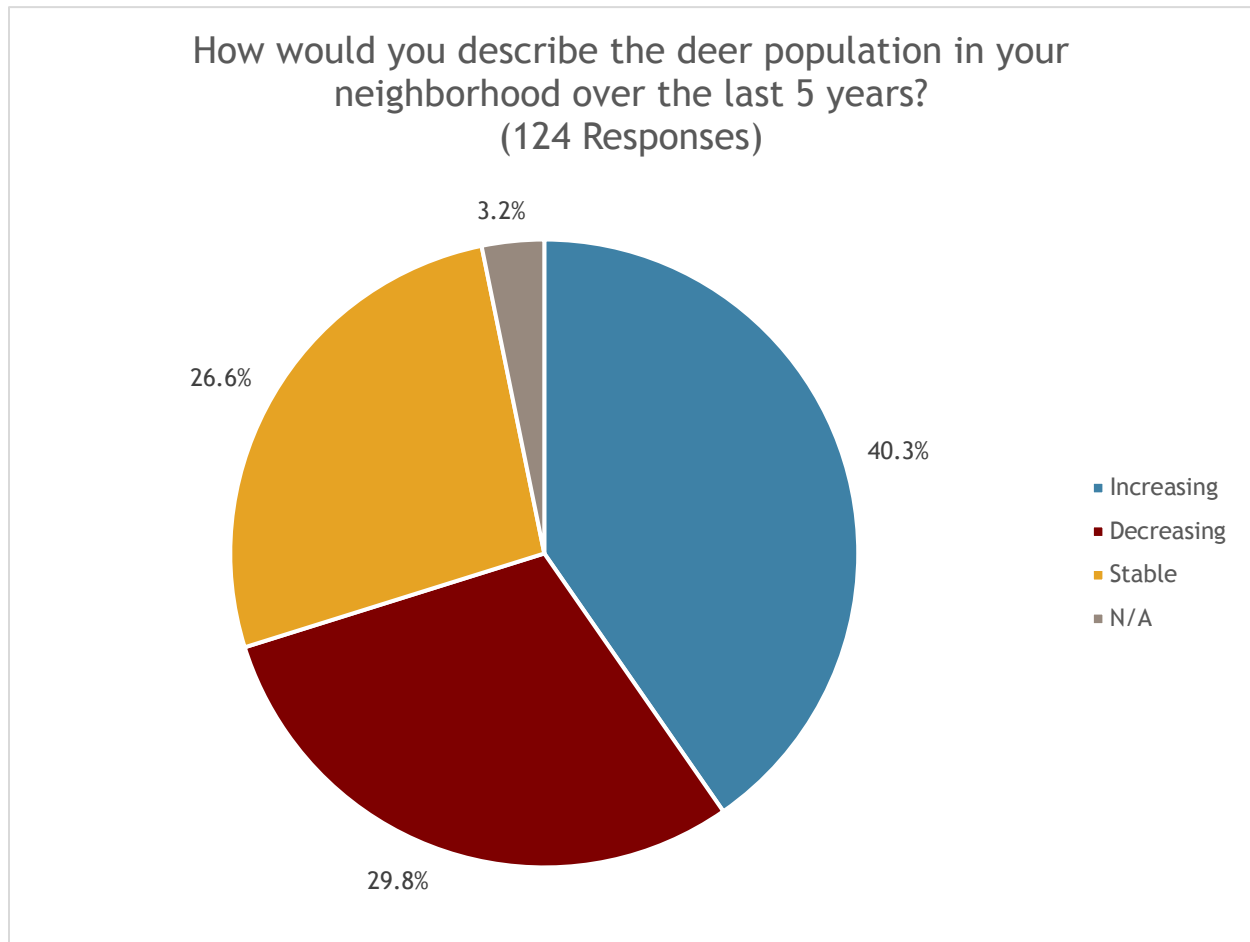
How would you describe the deer population in the City of Avon Lake over the last year?  
(126 Responses)

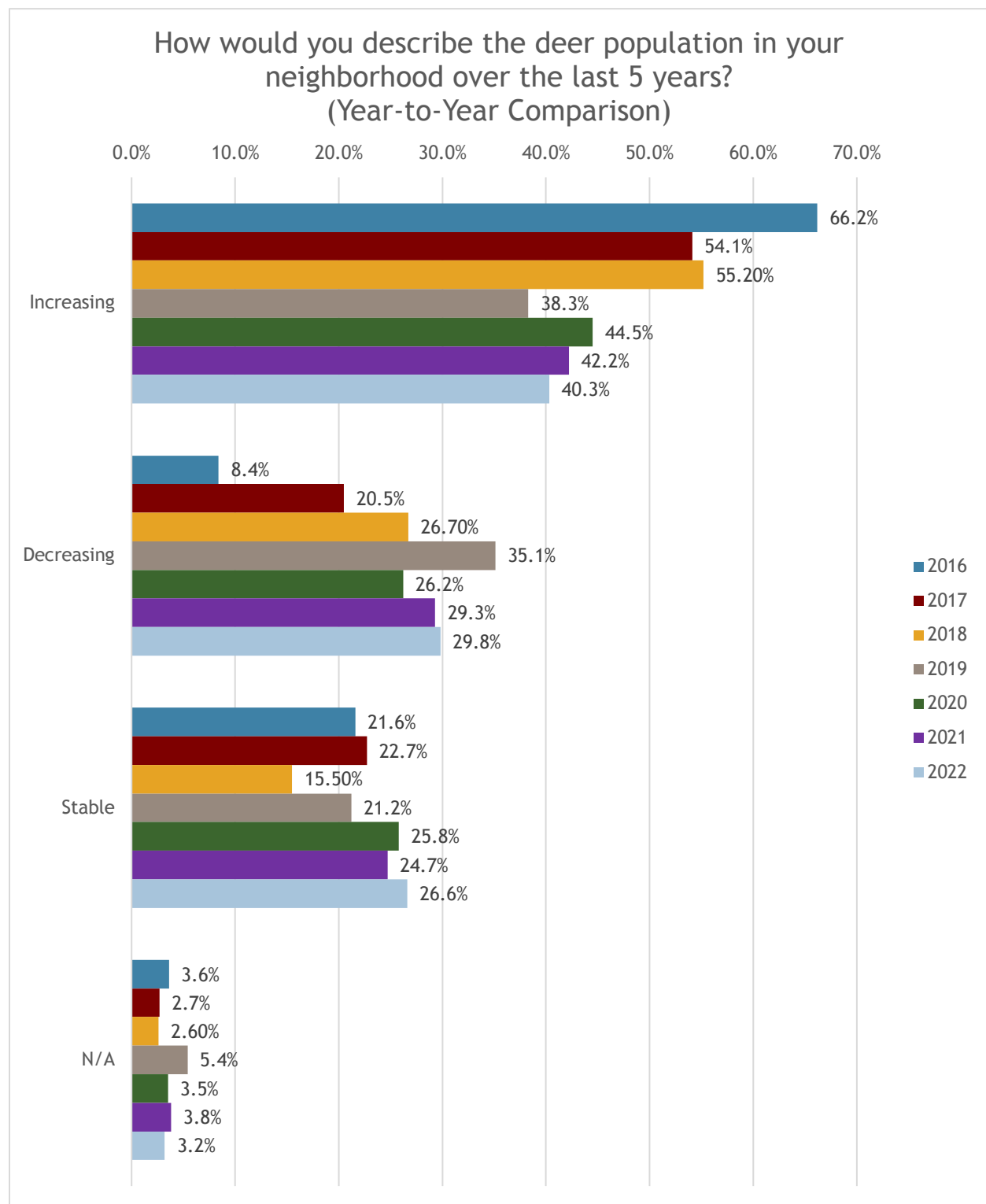




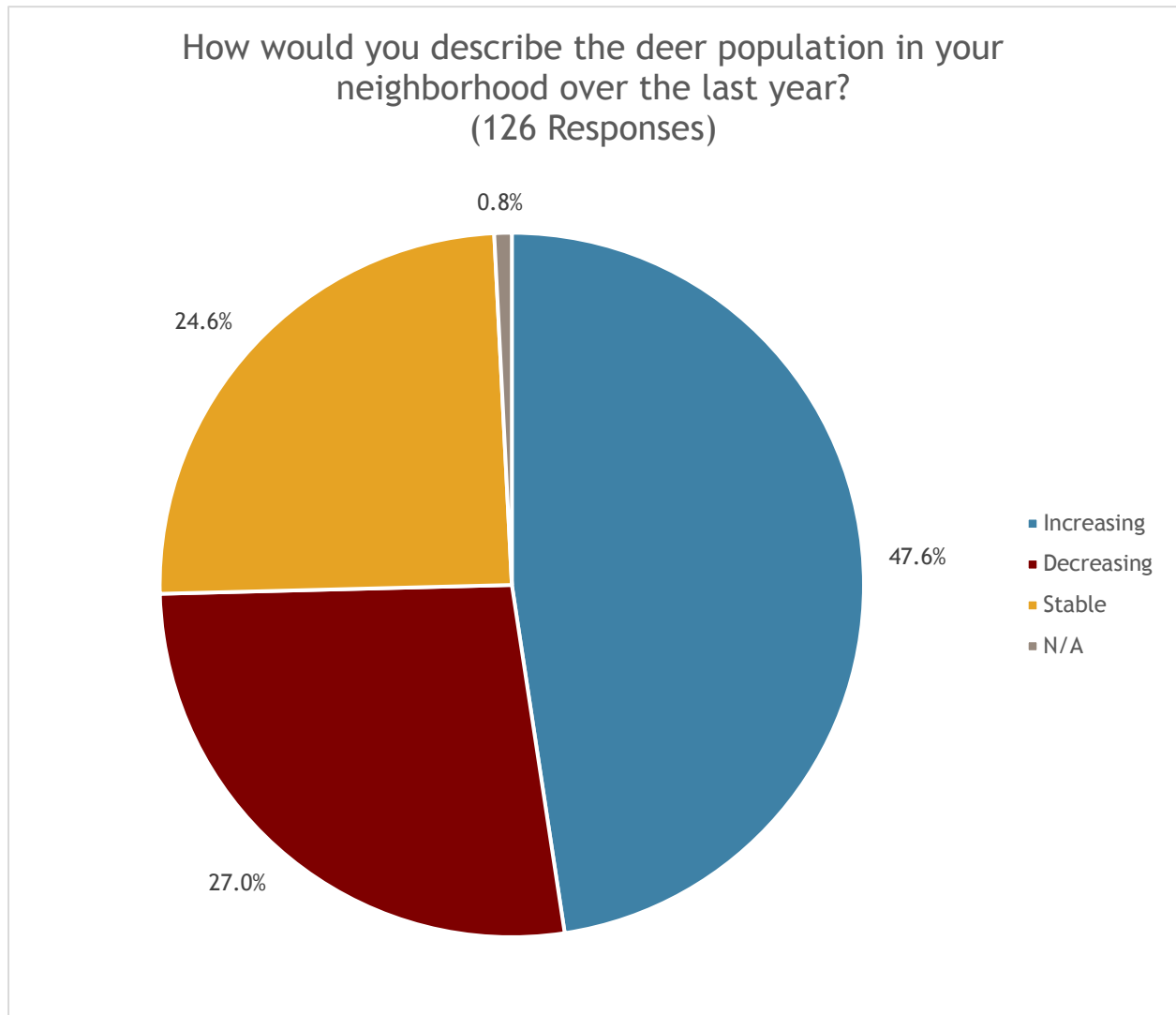
\*This question was added in 2019. The year-to-year comparison will only show data from 2019 onward.

Avon Lake Deer Control Survey - 2022

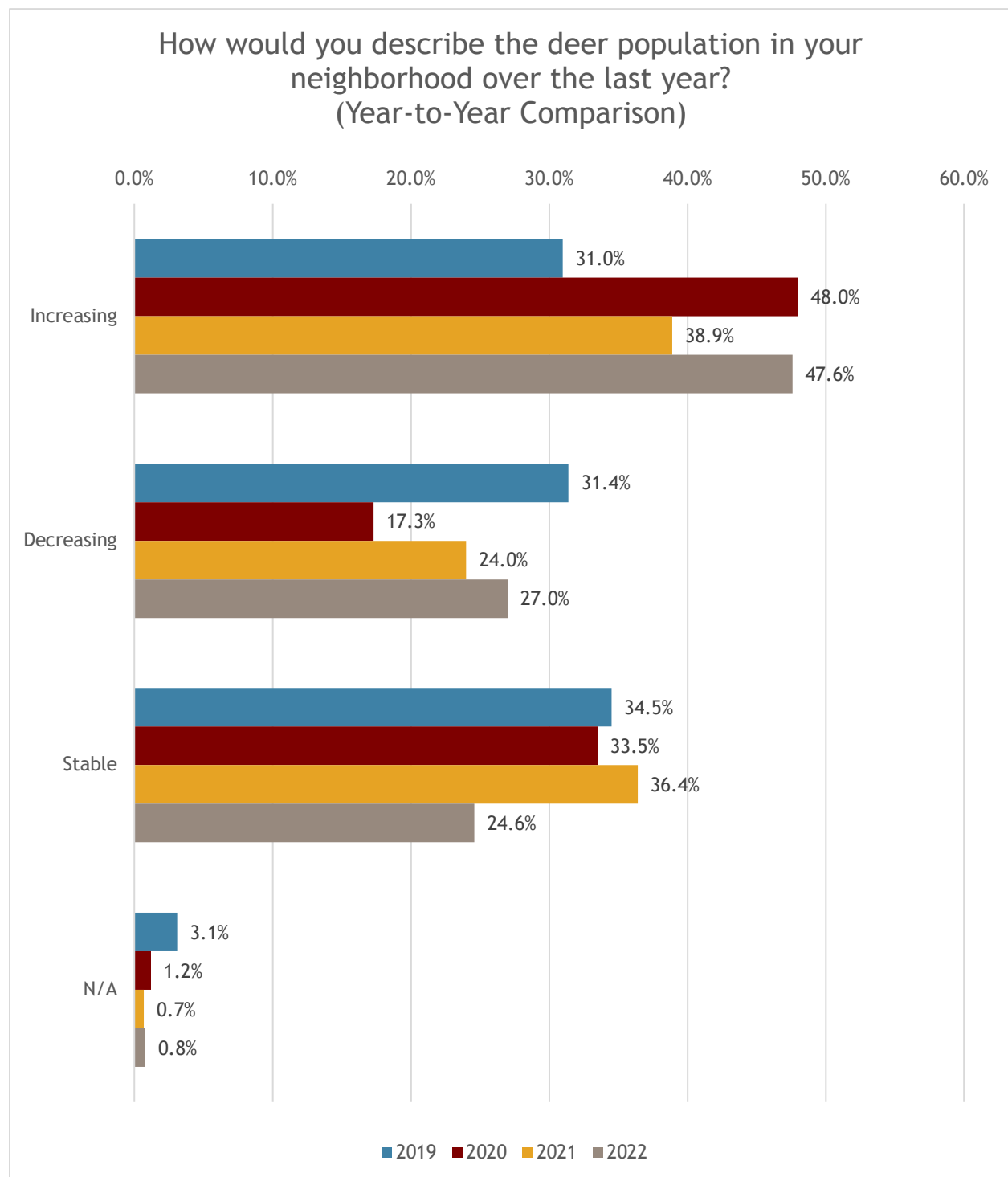




Avon Lake Deer Control Survey - 2022



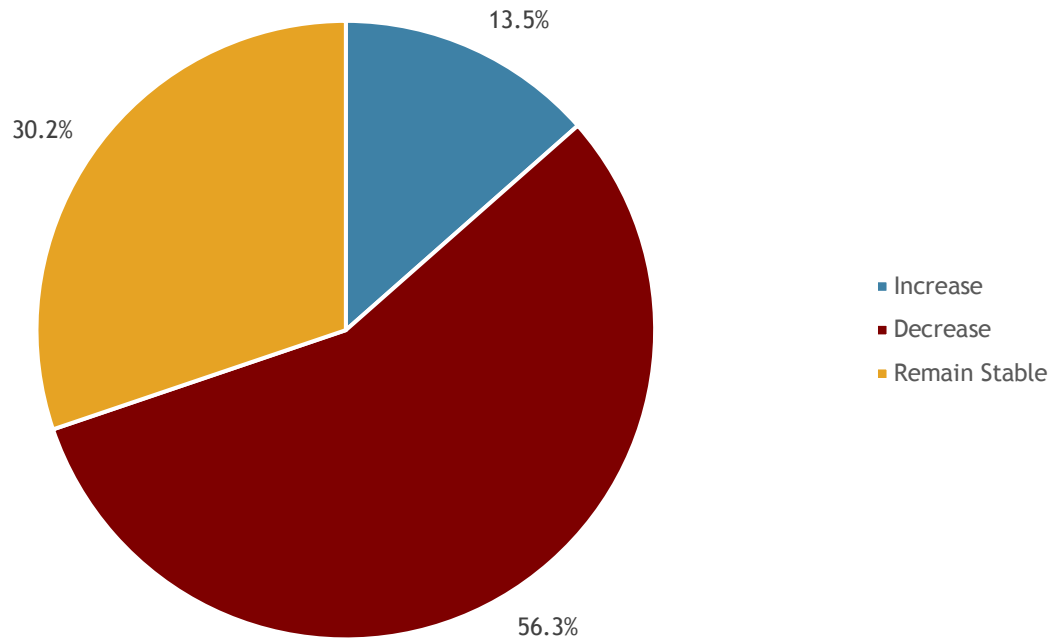


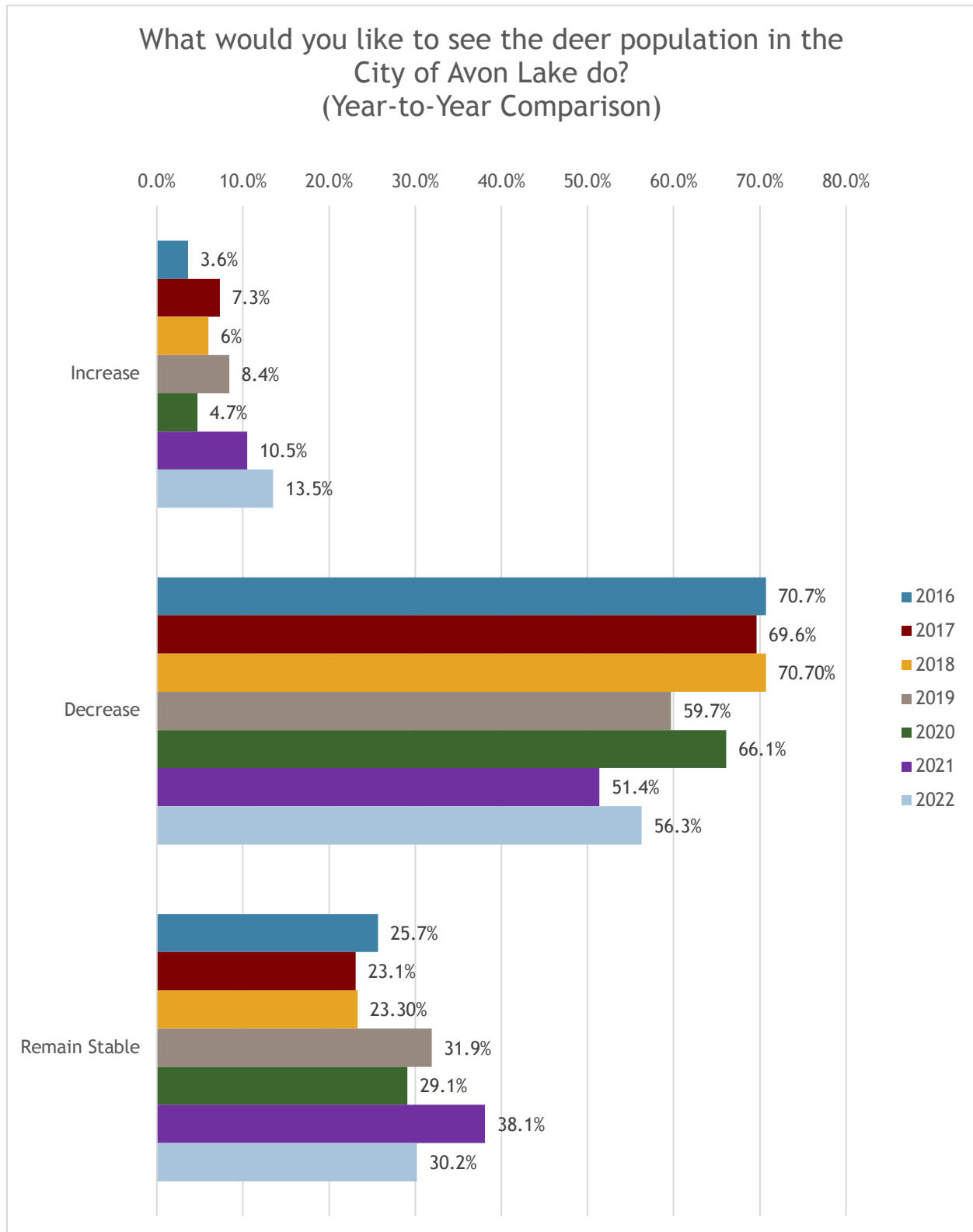


\*This question was added in 2019. The year-to-year comparison will only show data from 2019 onward.

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What would you like to see the deer population in the  
City of Avon Lake do?  
(126 Responses)





Over the last month, how many total deer have you seen on your property?

2022: An estimate was given by 125 of the 127 respondents (98.4%)

- The average of the estimates was 19.86 or 0.66 per day.
- The range of the estimates was 0 - 210.

2021: An estimate was given by 285 of the 289 respondents (98.6%)

- The average of the estimates was 17.24 or 0.57 per day.
- The range of the estimates was 0 - 300.

2020: An estimate was given by 244 of the 257 respondents (94.9%)

- The average of the estimates was 26.44 or 0.88 per day.
- The range of the estimates was 0 - 450.

2019: An estimate was given by 219 of the 228 respondents (96.1%)

- The average of the estimates was 21.92 or 0.73 per day.
- The range of the estimates was 0 - 725.

2018: An estimate was given by 114 of the 116 respondents (98.3%).

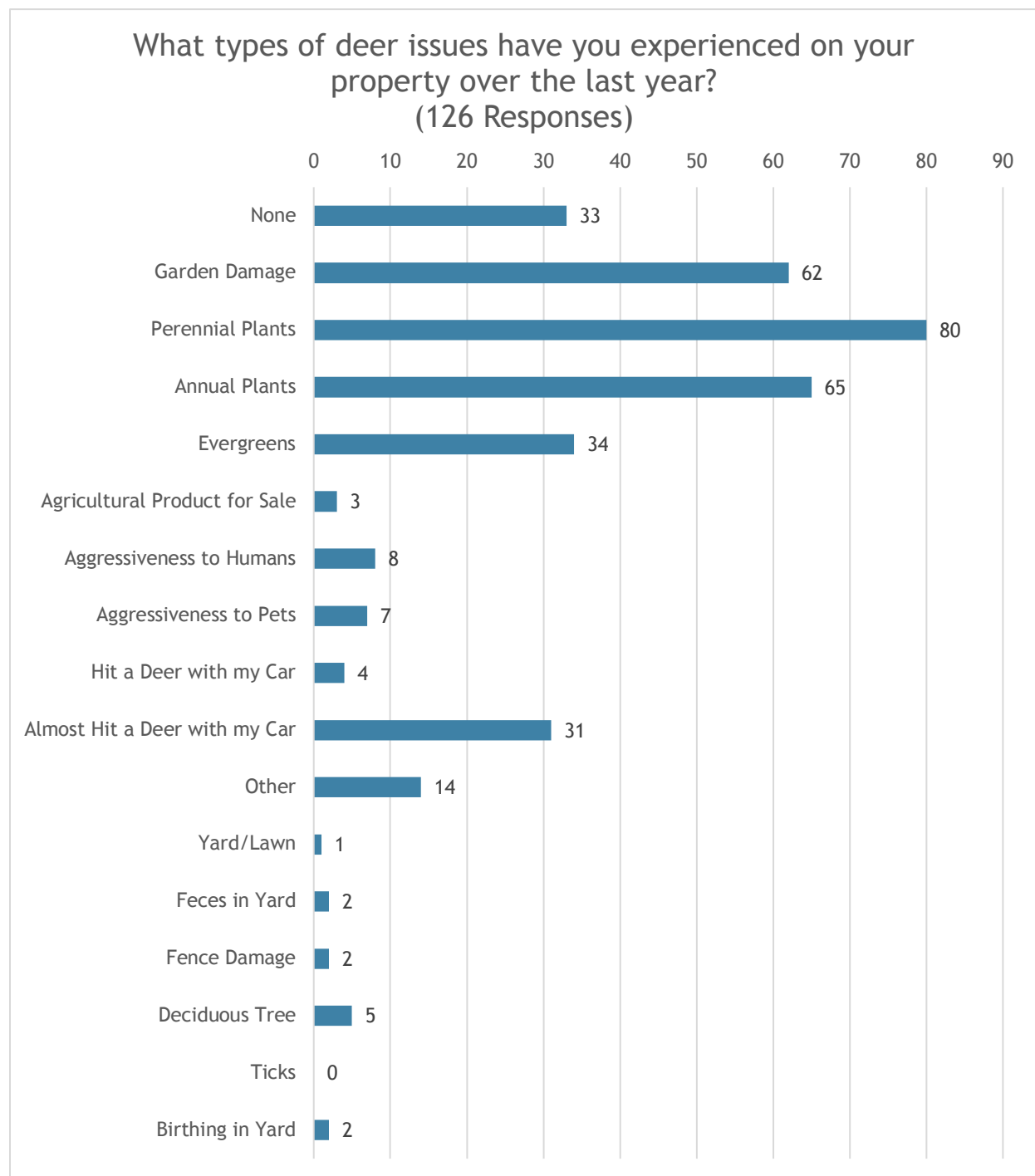
- The average of the estimates was 19.87 or 0.66 per day.
- The range of the estimates was 0 - 200.

2017: An estimate was given by 356 of the 377 respondents (94.4%).

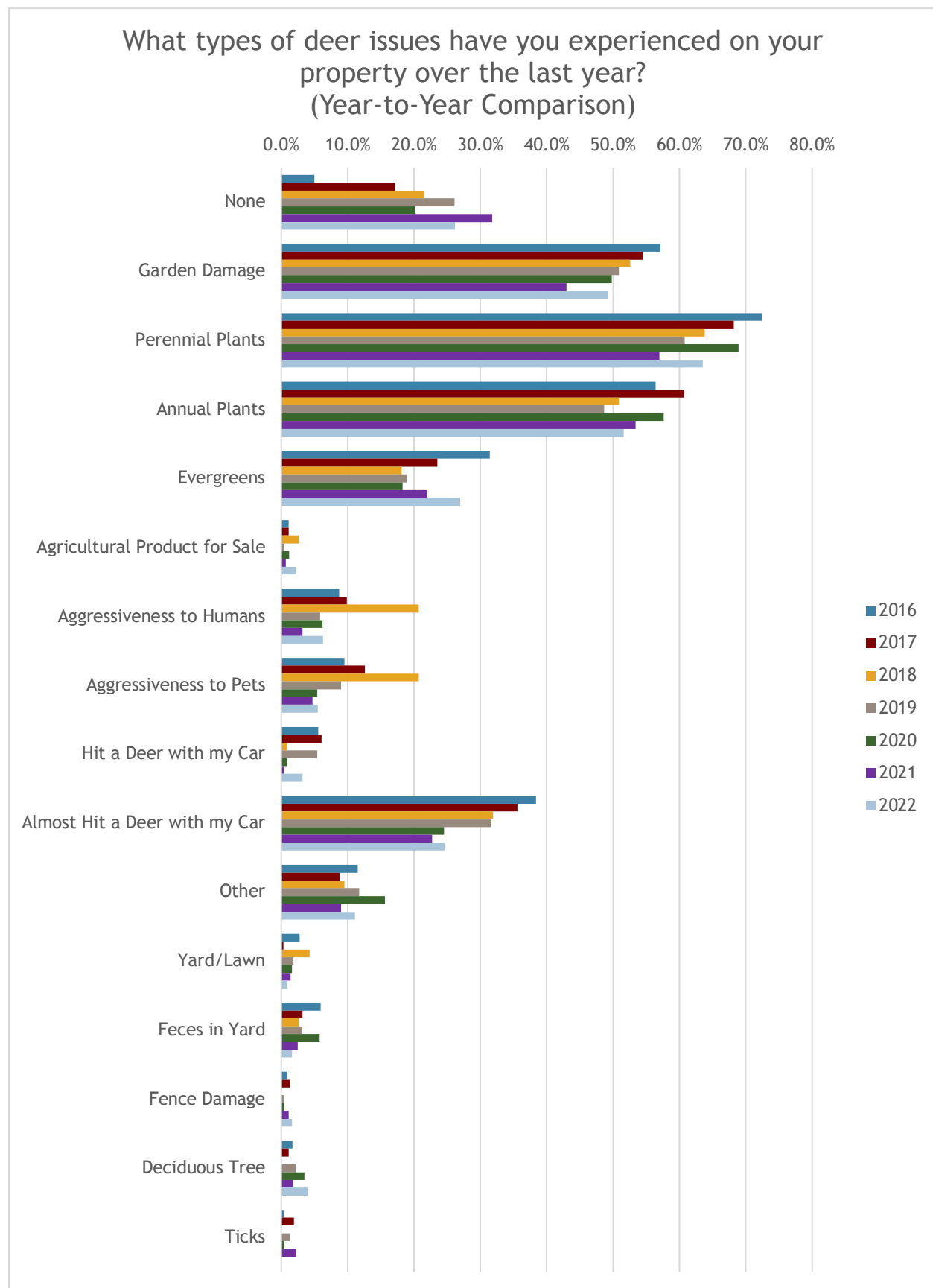
- The average of the estimates was 29.7 or 0.99 per day.
- The range of the estimates was 0 - 450.

2016: An estimate was given by 757 of the 922 respondents (82.1%).

- The average of the estimates was 41.39 or 1.38 per day.
- The range of the estimates was 0 - 2,250.



## Avon Lake Deer Control Survey - 2022



If you experienced damage last year, what is the estimated cost of the damage last year?

2022: There were 77 of the 127 respondents (60.6%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$25,790.
- The average damage cost to the 77 respondents is \$334.94.
- The amounts of reported damage ranged from \$0.00 to \$3,500.00.

2021: There were 165 of the 289 respondents (57.1%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$32,952.50.
- The average damage cost to the 165 respondents is \$199.71.
- The amounts of reported damage ranged from \$0.00 to \$3,500.00.

2020: There were 159 of the 257 respondents (61.9%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$45,230.00.
- The average damage cost to the 159 respondents is \$284.47.
- The amounts of reported damage ranged from \$0.00 to \$10,000.00.

2019: There were 113 of the 228 respondents (49.6%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$42,470.
- The average damage cost to the 113 respondents is \$375.84.
- The amounts of reported damage ranged from \$0.00 to \$7000.00.

2018: There were 56 of the 116 respondents (48.3%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$27,000.00.
- The average damage cost to the 56 respondents is \$482.14.
- The amounts of reported damage ranged from \$0.00 to \$6,800.00.

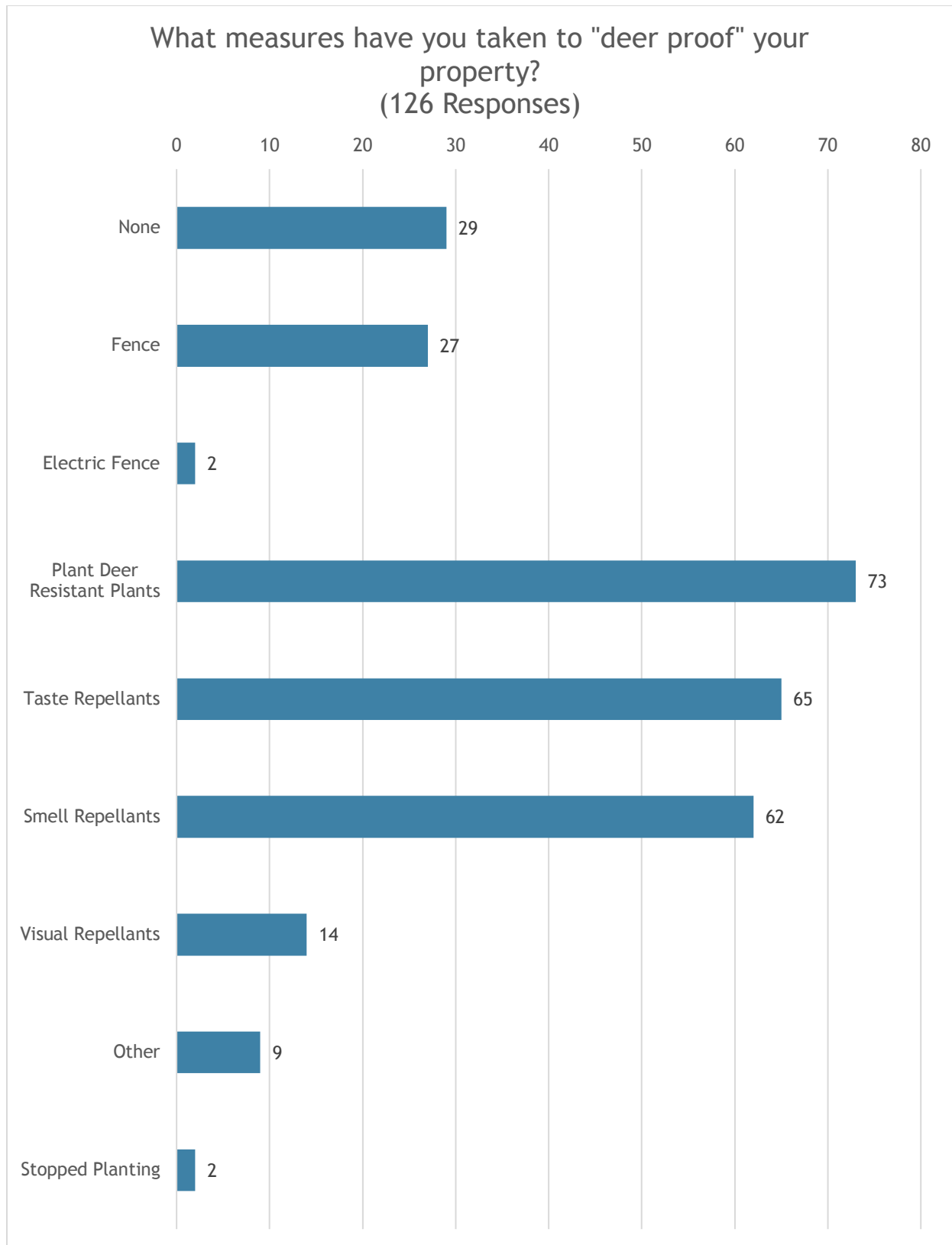
2017: There were 269 of the 377 respondents (71.4%) that provided estimates of the annual cost of the damage caused by deer.

- The total estimated damage was \$124,245.00.
- The average damage cost to the 269 respondents is \$461.88.
- The amounts of reported damage ranged from \$0.00 to \$25,000.00.

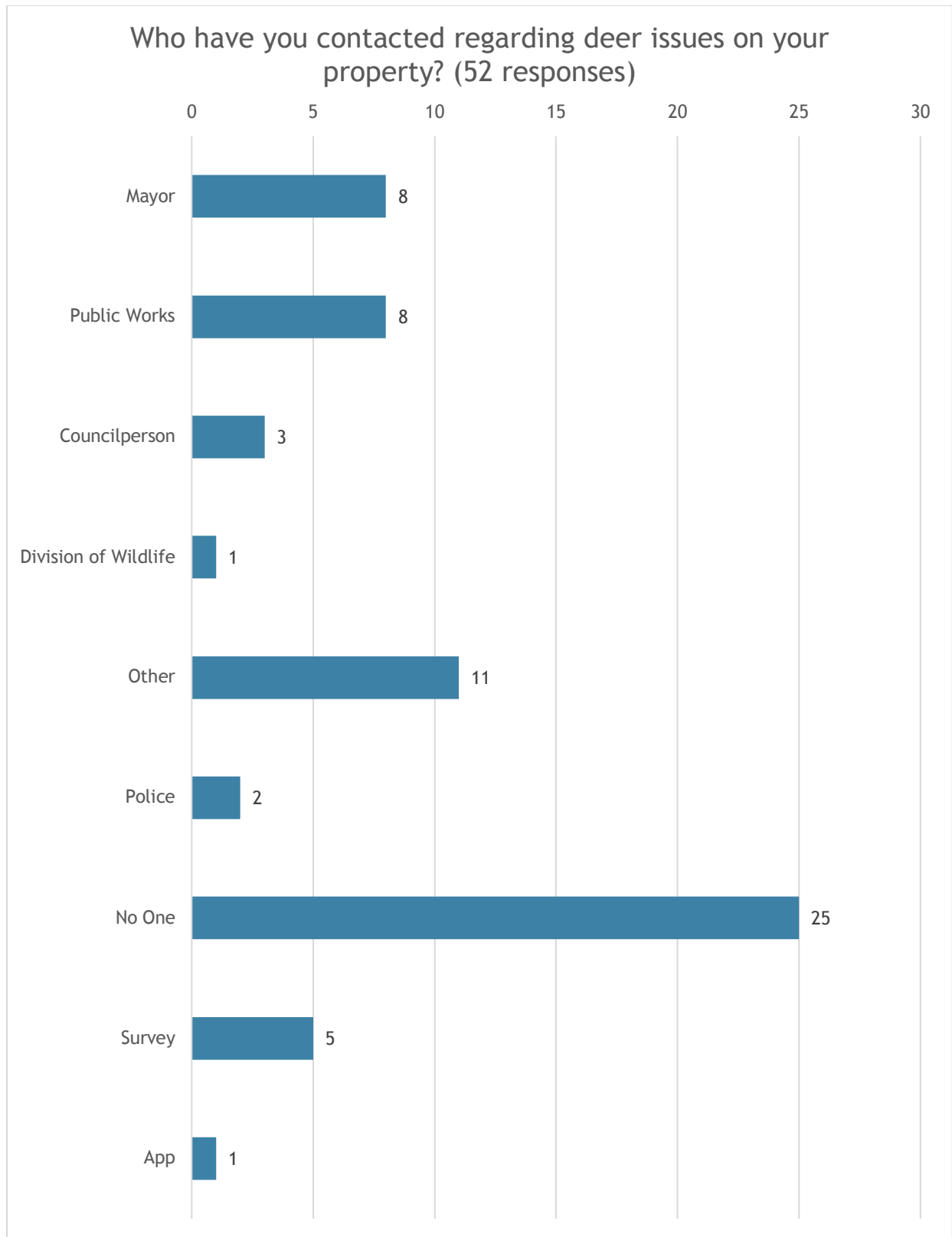
2016: There were 378 of the 922 respondents (41.0%) that provided estimates of the annual cost of the damage caused by deer.

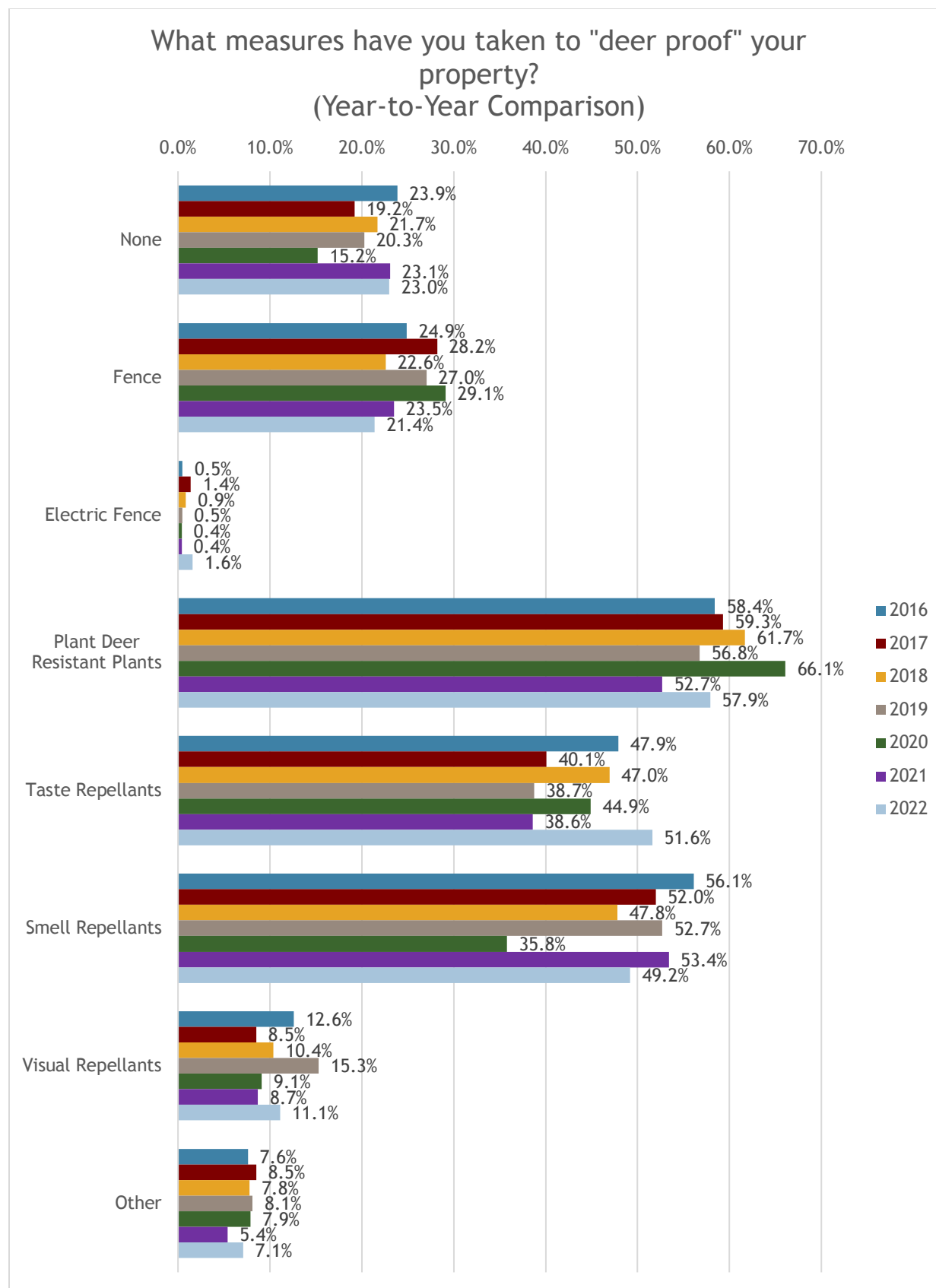
- The total estimated damage was \$152,989.00.
- The average damage cost to the 378 respondents is \$404.73.
- The amounts of reported damage ranged from \$0.00 to \$33,000.00.



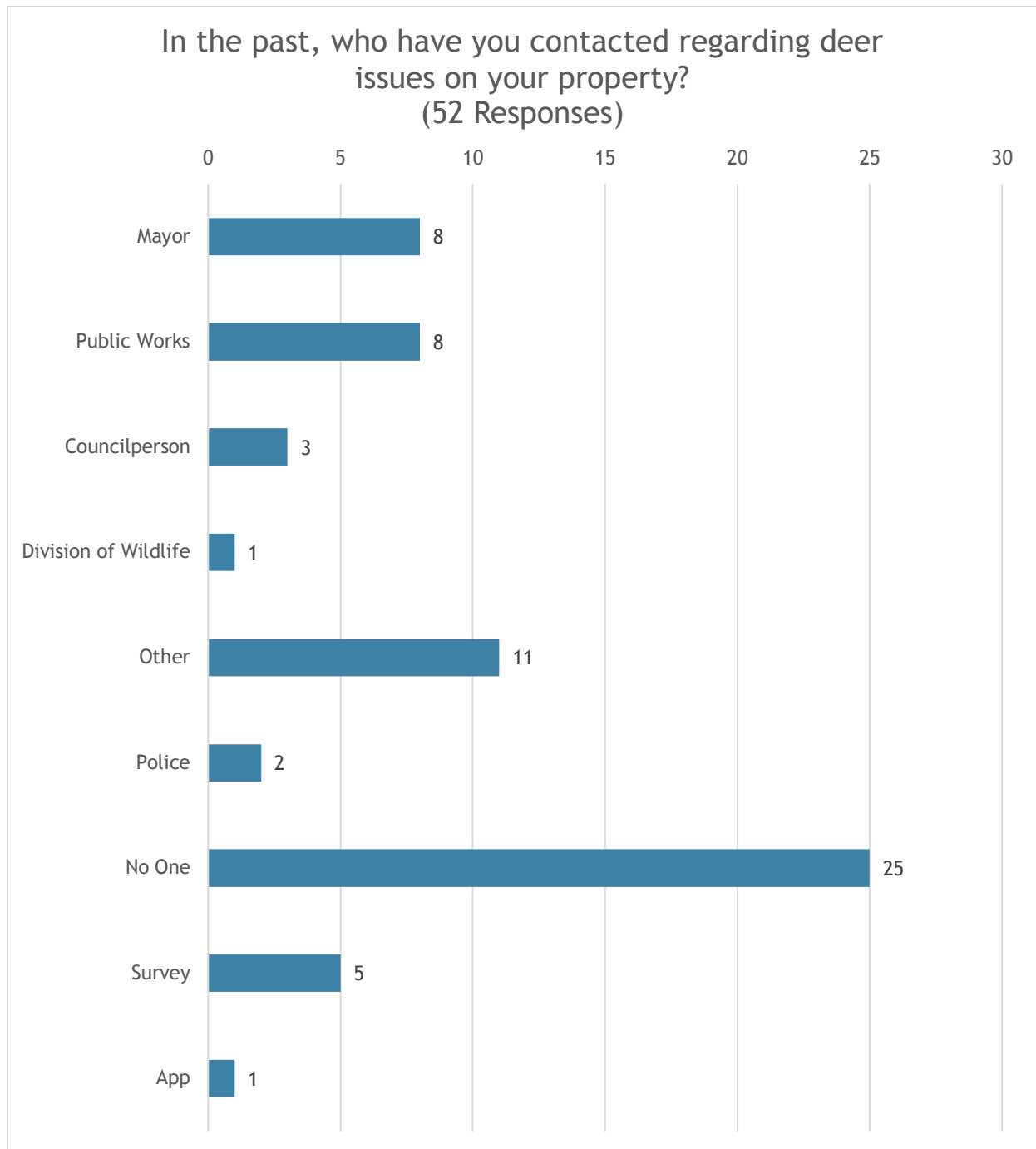


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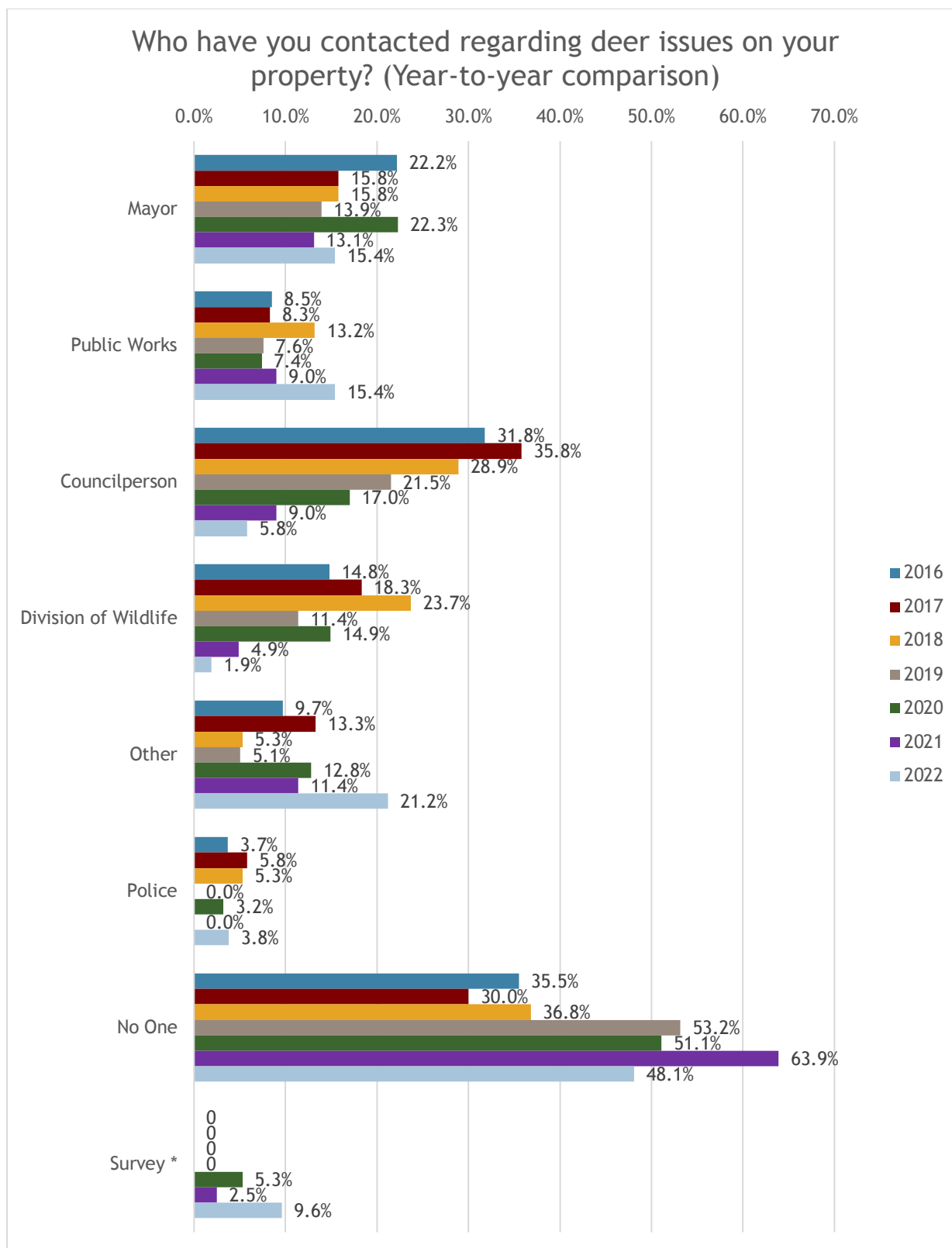




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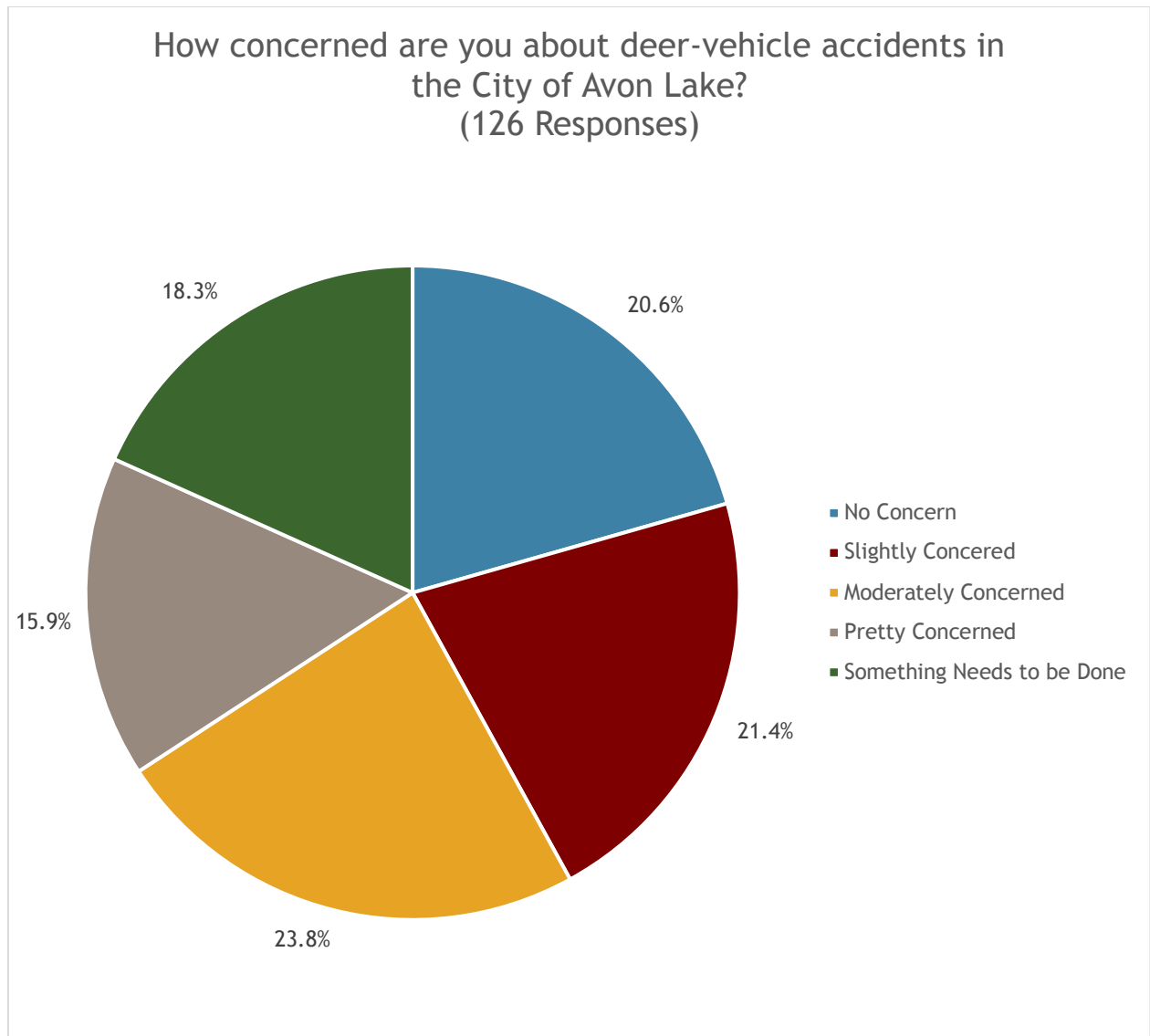


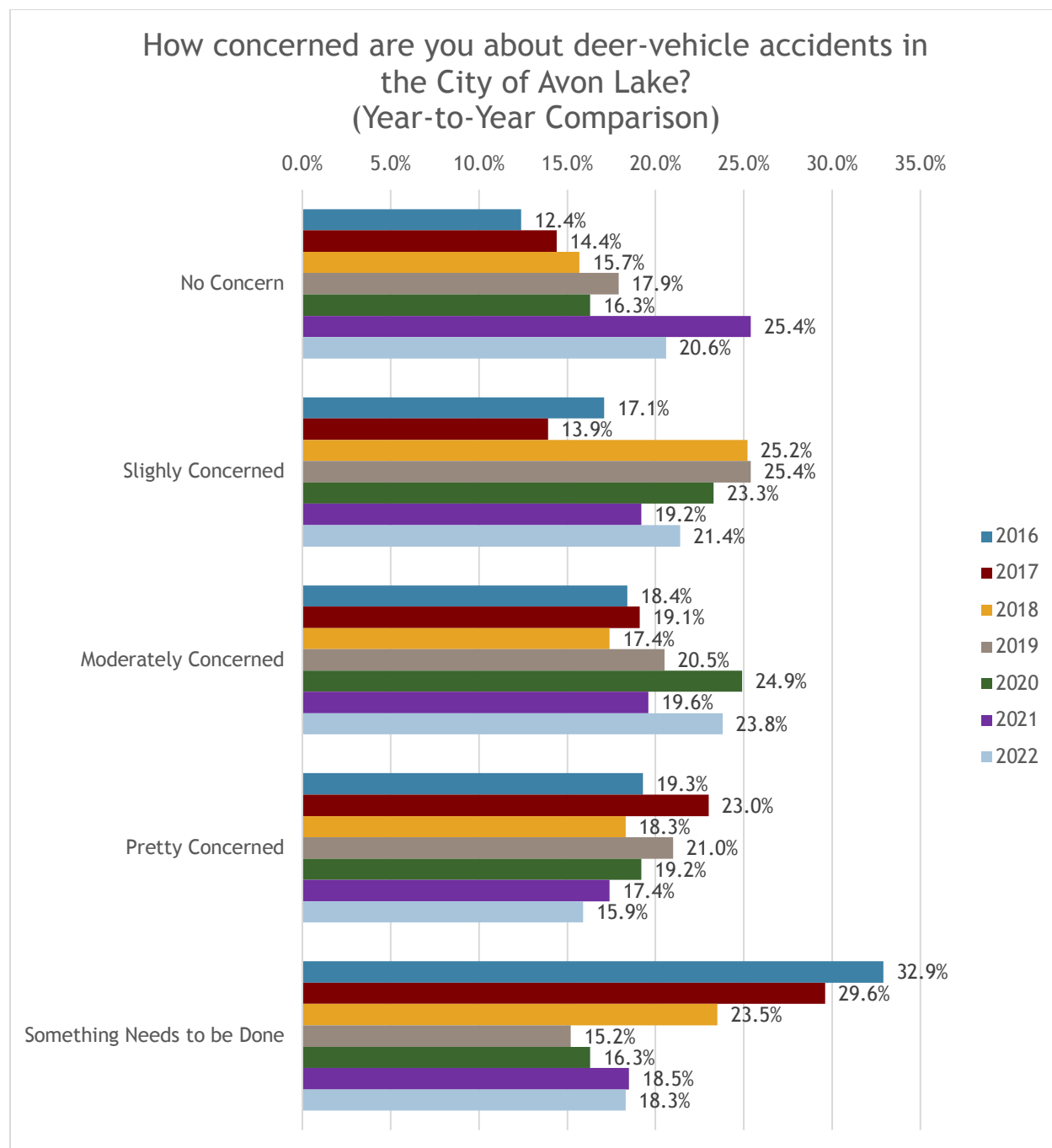
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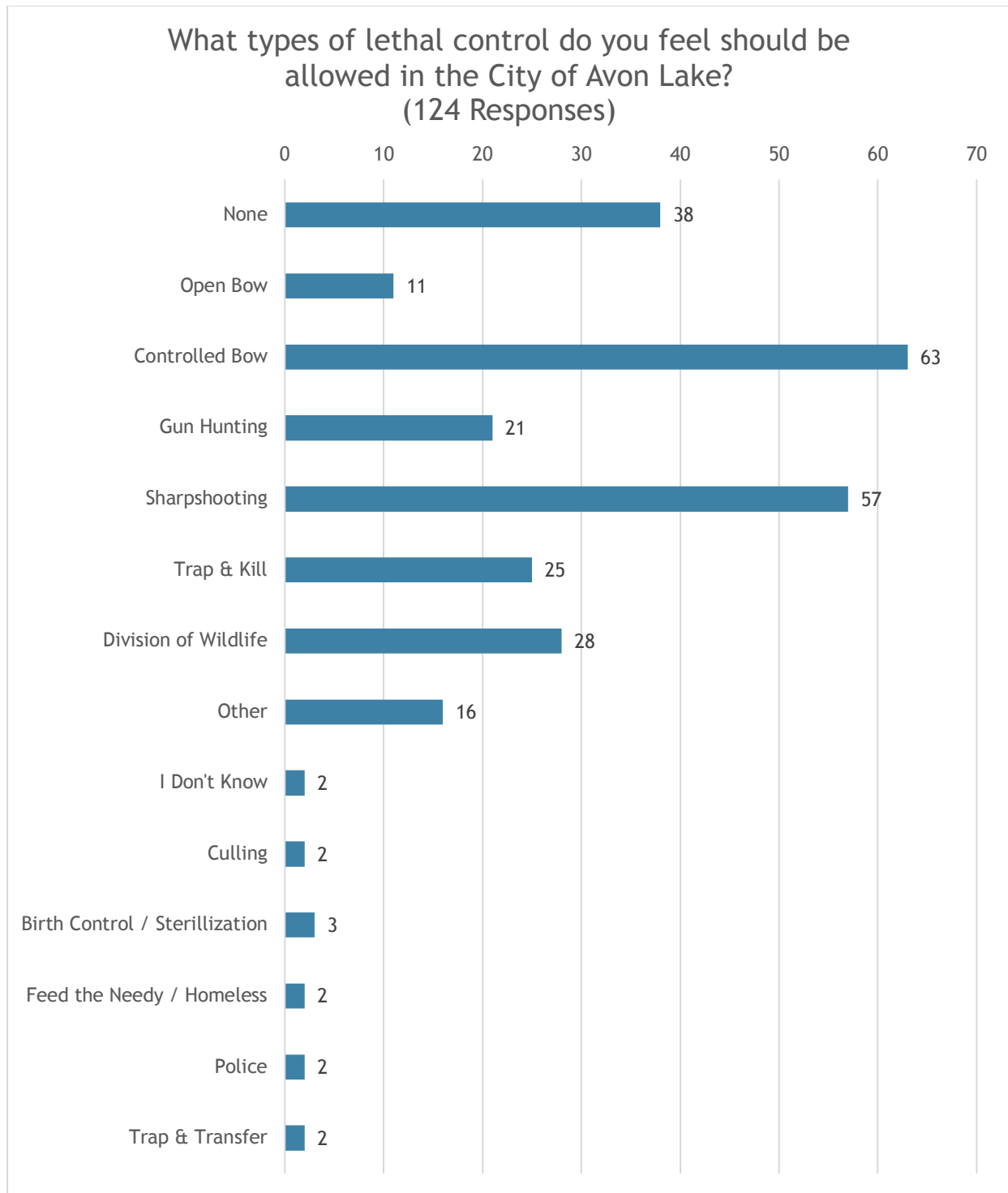
\*This response became regularly statistically significant in 2020. The year-to-year comparison will only show data from 2020 onward.

## Avon Lake Deer Control Survey - 2022

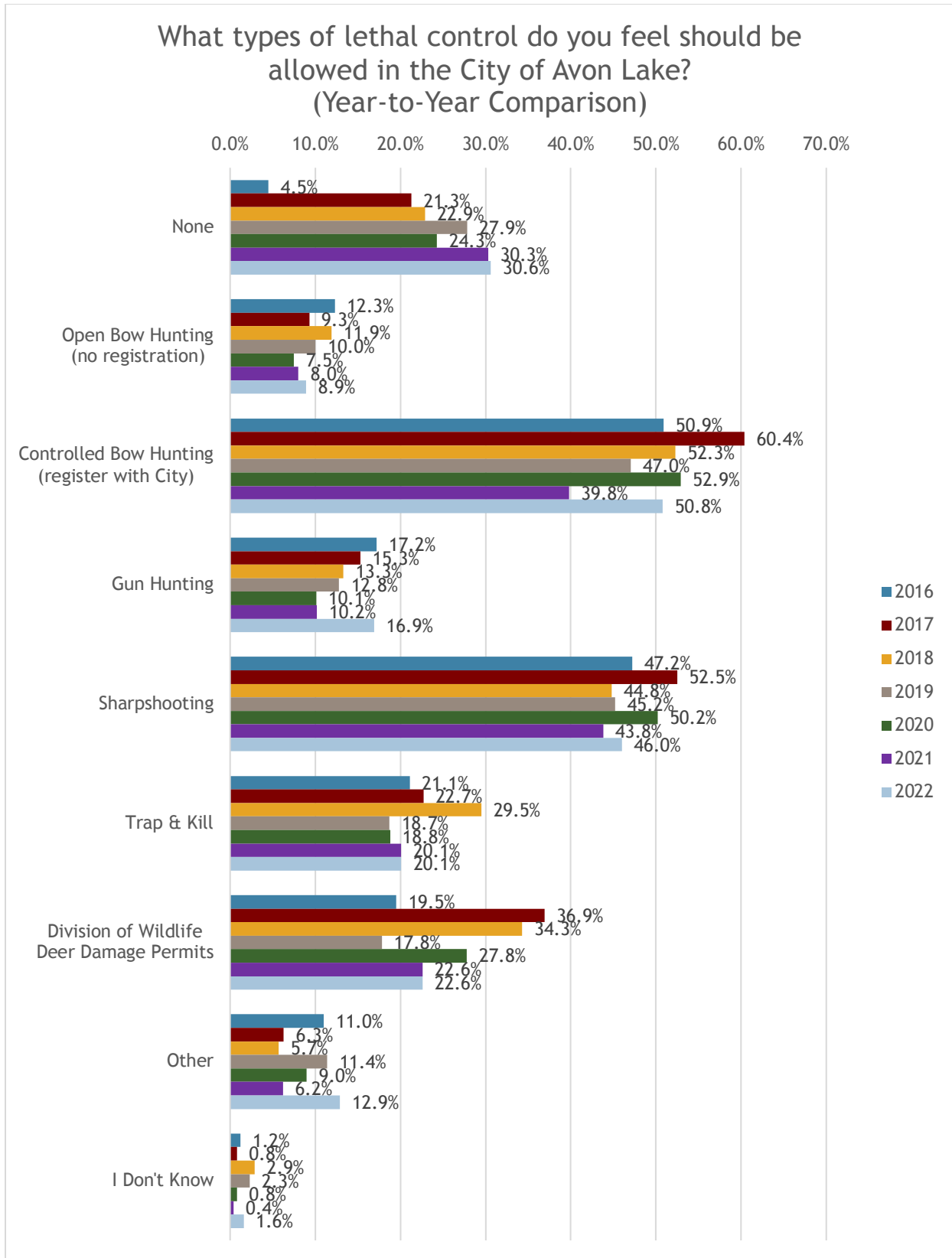




## Avon Lake Deer Control Survey - 2022







If you are interested in assisting the City in conducting surveys about deer within the City, please provide your name, phone number, and email address below.

2022: 19 of the 127 respondents (15.0%) offered to help, and gave their name, phone number, and/or email address.

2021: 25 of the 289 respondents (8.7%) offered to help, and gave their name, phone number, and/or email address.

2020: 25 of the 257 respondents (9.7%) offered to help, and gave their name, phone number, and/or email address.

2019: 26 of the 228 respondents (11.4%) offered to help, and gave their name, phone number, and/or email address.

2018: 9 of the 116 respondents (7.8%) offered to help, and gave their name, phone number, and/or email address.

2017: 33 of the 377 respondents (8.8%) offered to help, and gave their name, phone number, and/or email address.

2016: 105 of the 922 respondents (11.4%) offered to help, and gave their name, phone number, and/or email address.