

ystation



**2022 Cosmetic Pesticide Research
Presentation**

March 13, 2023





Study Background & Methodology

Study Background

The City of Leduc contracted Y Station to engage with their residents regarding cosmetic pesticide use in the City. As part of the research, Y Station conducted the following:

- A general population survey with n=400 interviews with City of Leduc residents 18+, conducted via telephone (n=207) and social media (n=193). The final data set was weighted to ensure proper demographic representation.
- An open link survey provided on the City of Leduc website and social media received n=37 responses.
- A version of the survey was emailed out to commercial property owners. This version of the survey captured n=96 responses.
- 10 in-depth interviews were conducted (5 with representatives from environmental groups and 5 with pesticide applicators within the City).

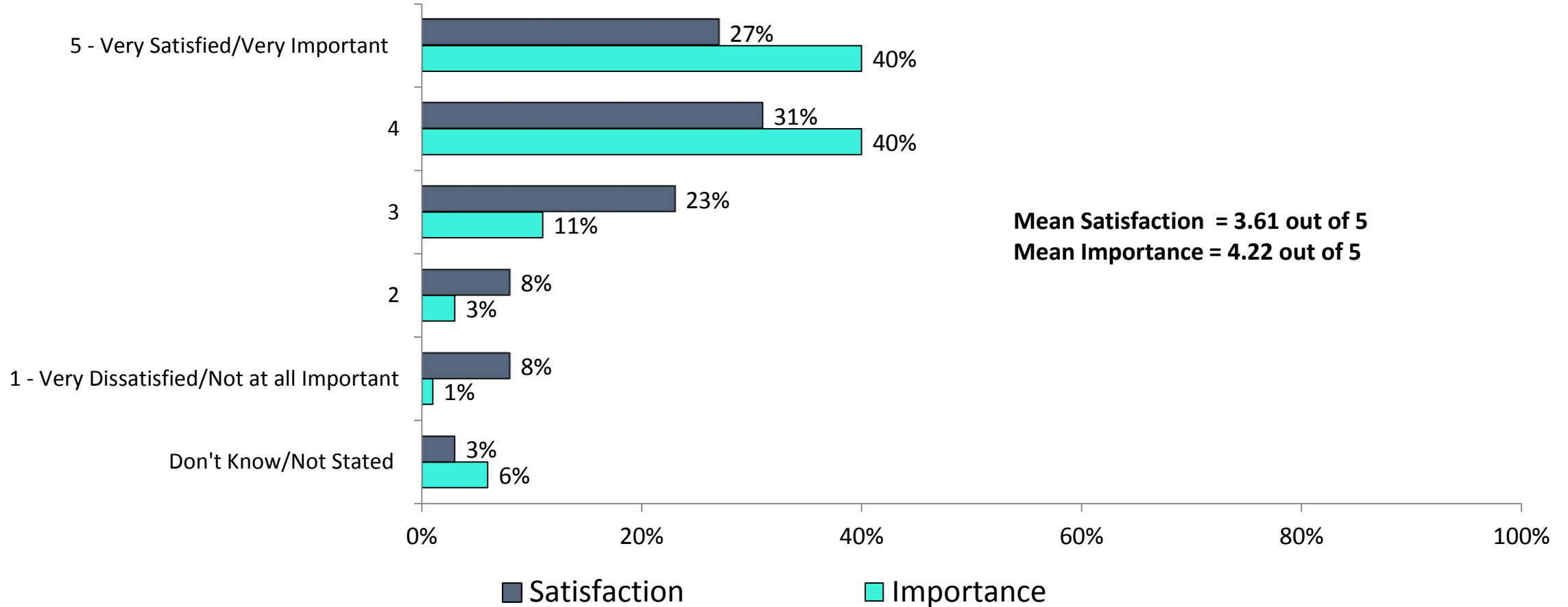
Study Completion Dates

Data collection was carried out from October 16 to November 17, 2022.

Please note a comprehensive final report including results from all aforementioned surveys can be made available to anyone interested in reviewing them. Today's presentation will be focusing on key findings from the **General Population Survey** as this version was weighted to ensure proper demographic representation of the City.

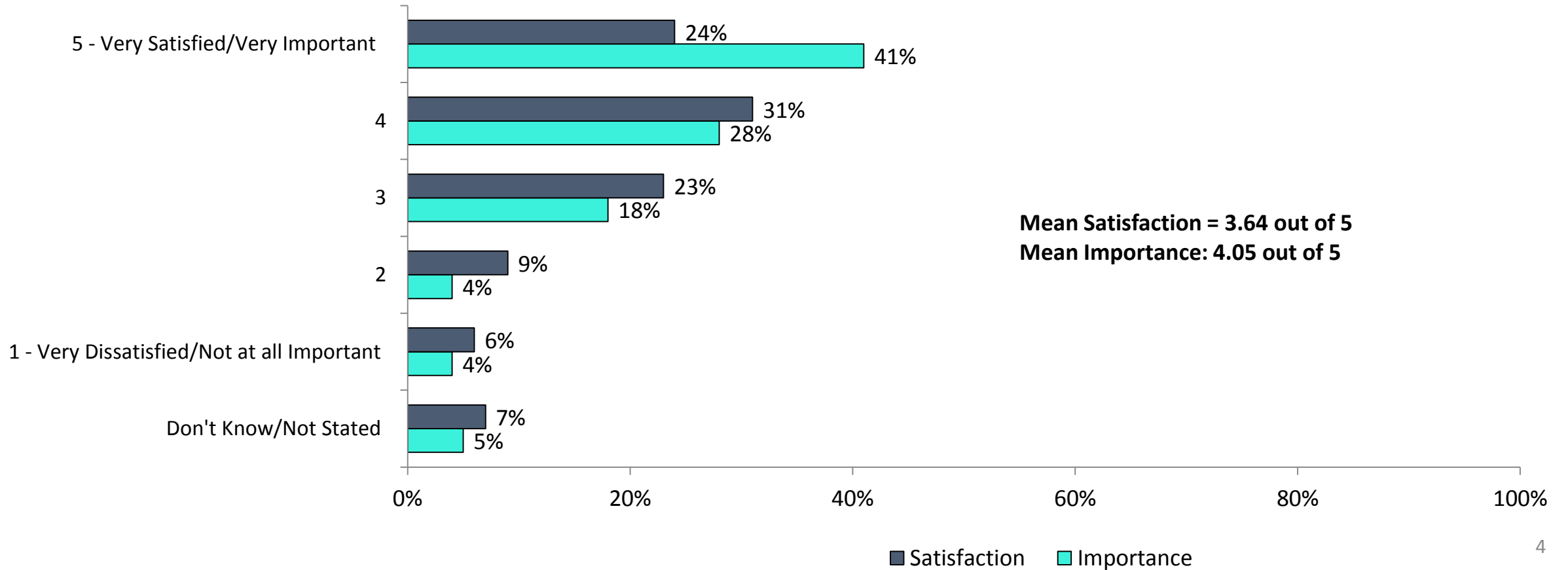
Beautification: Satisfaction and Importance

Please rate your level of satisfaction with the **beautification** of parks and green spaces in the City of Leduc and how important this is to you:



Naturalization: Satisfaction and Importance

Please rate your level of satisfaction with naturalization efforts and the conservation of environmentally sensitive areas in the City of Leduc and how important this is to you:



Definition of “Pest” and “Pesticide” (Top Responses)

How would you define the term “pest”?

Types of plant and animal life (weeds, insects, rodents, etc.) (54%)

Bothersome/nuisance/unwanted/undesirable/irritant (27%)

Harmful/damaging/destructive to the land/environment (23%)

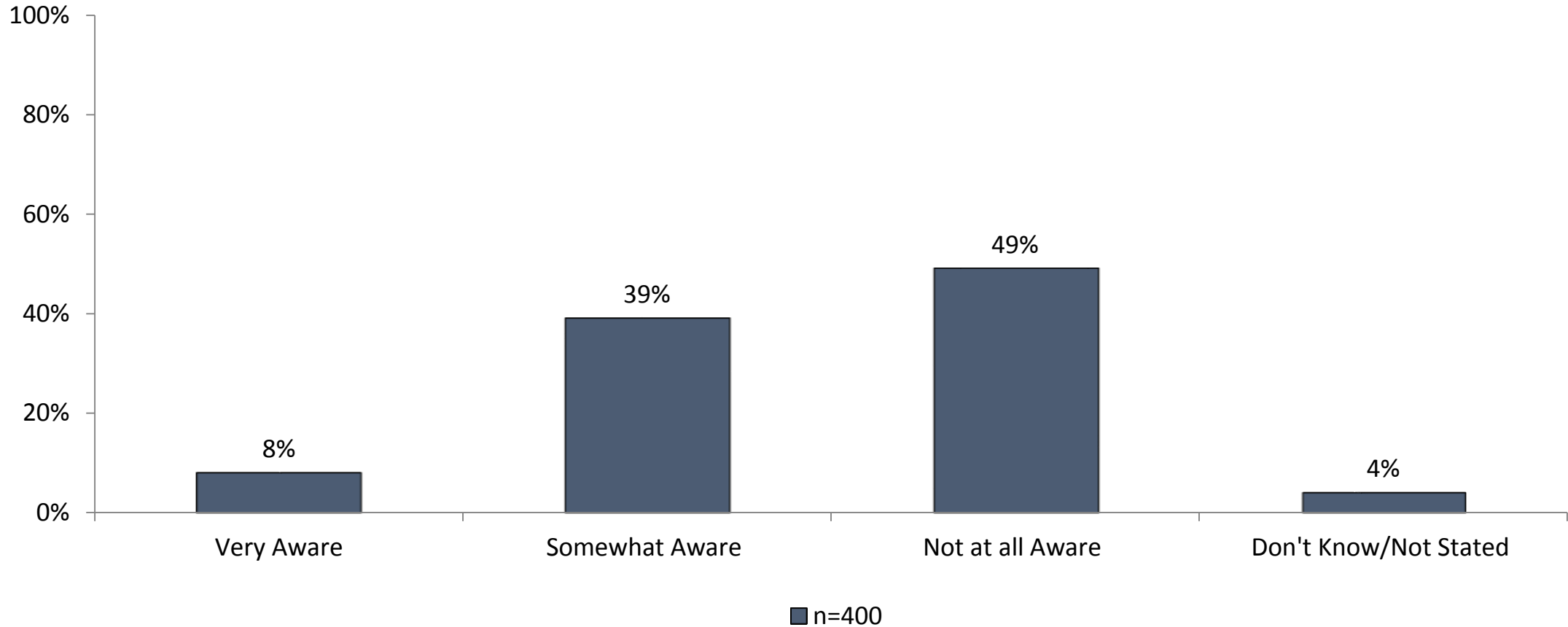
How would you define the term “pesticide”?

Used to control/kill/deter pests (weeds, rodents, insects, etc.) (85%)

A type of chemical/chemical agent/compound/substance (47%)

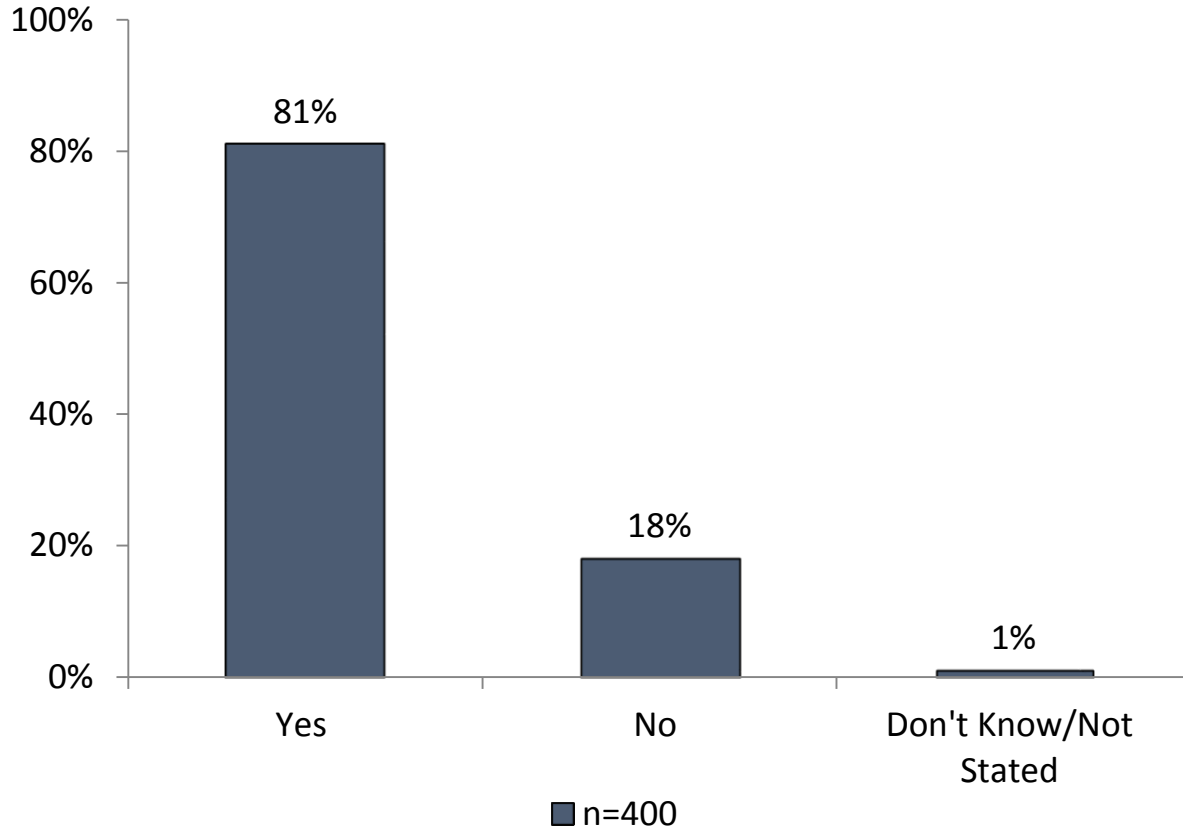
Integrated Pest Management Plan Awareness

How would you rate your awareness of the City of Leduc's current Integrated Pest Management Plan?

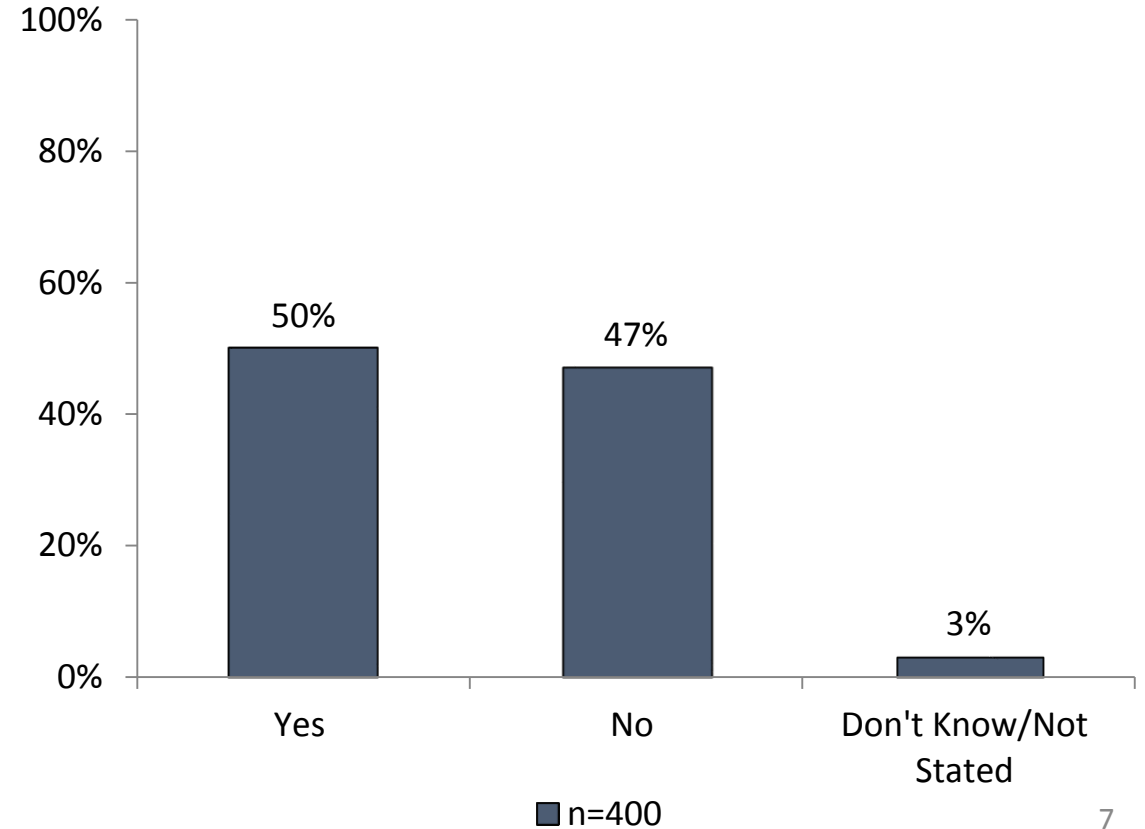


Property Pests

Do you experience pests on your property? (this could include plants/weeds, insects, larvae, rodents, fungi, algae, or bacteria)

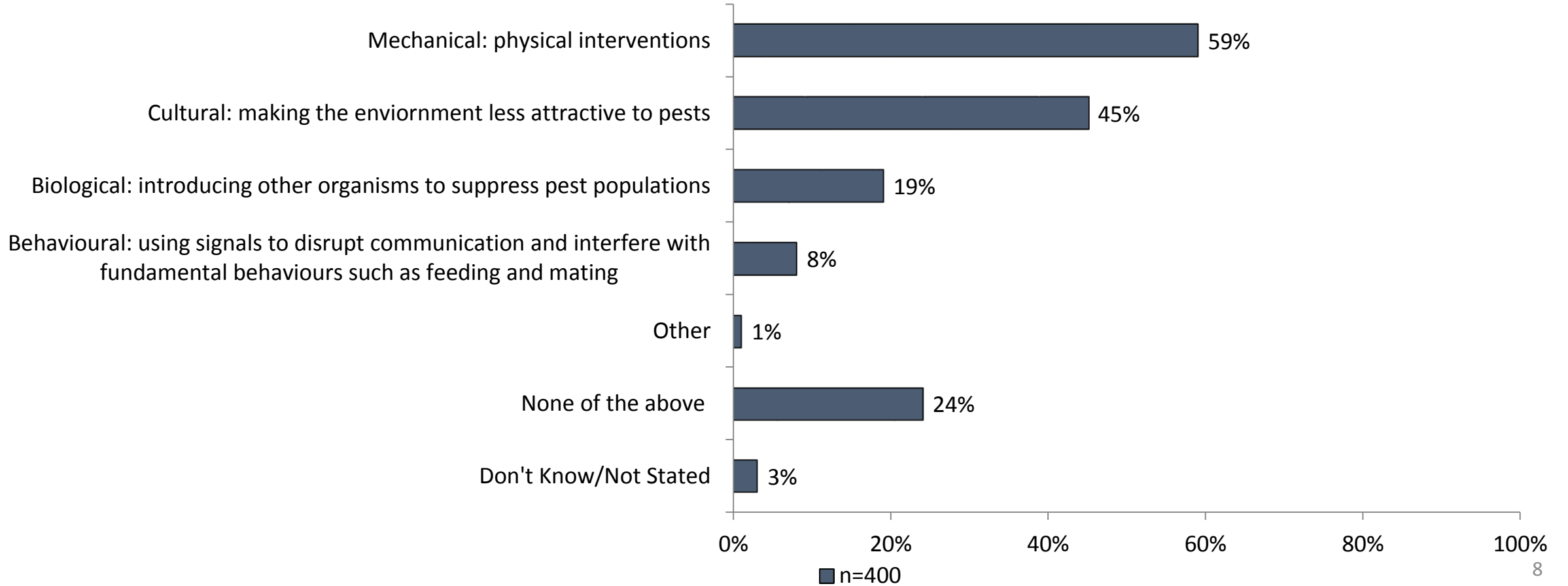


Do you use chemical pest controls (pesticides) to control pests on your property?



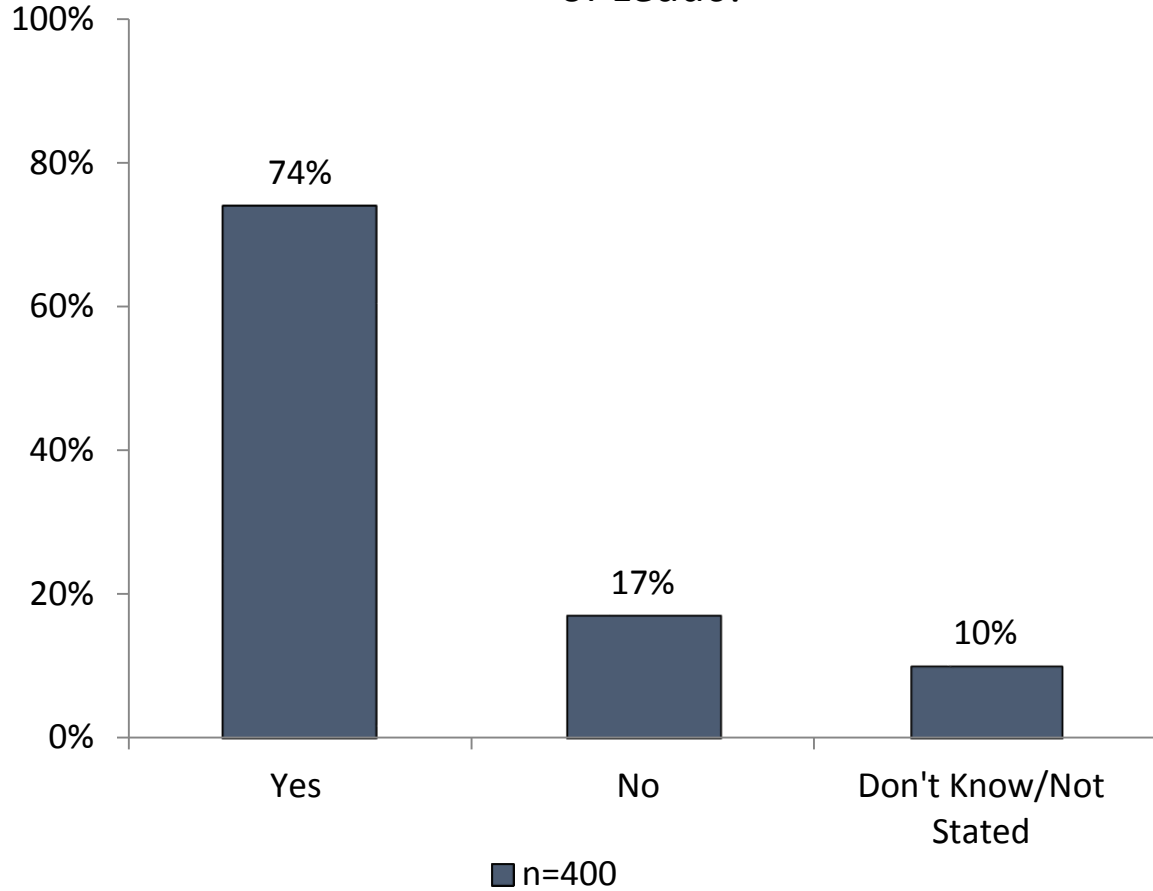
Pesticide Alternatives

Do you use any of the following alternative pest control methods to manage pests as an alternative to or in addition to chemical pest controls (pesticides)?



Pesticides: Benefits

Are there benefits to using pesticides in the City of Leduc?



The most frequently mentioned benefit to using pesticides in the City of Leduc was pest prevention/control (62%) followed by beautification, aesthetics, appearance or cleanliness of property (21%).

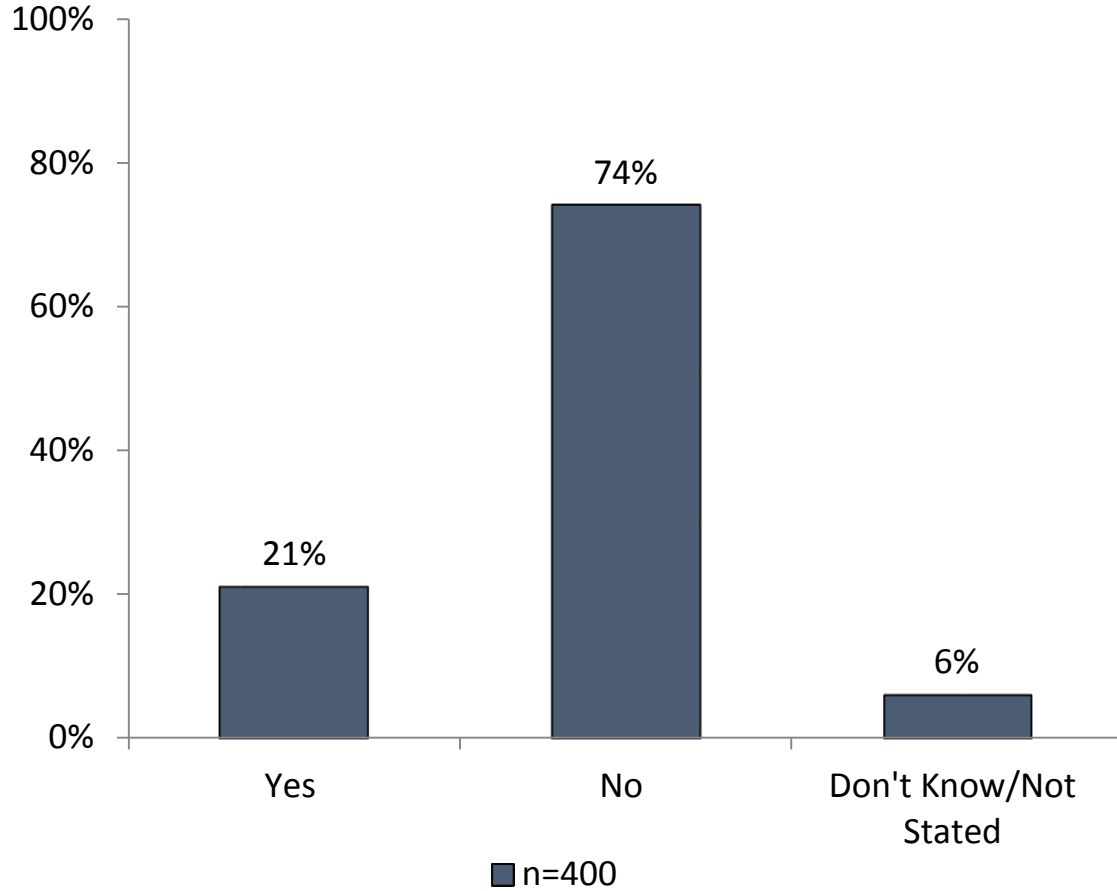
n=294

Multiple Responses Permitted

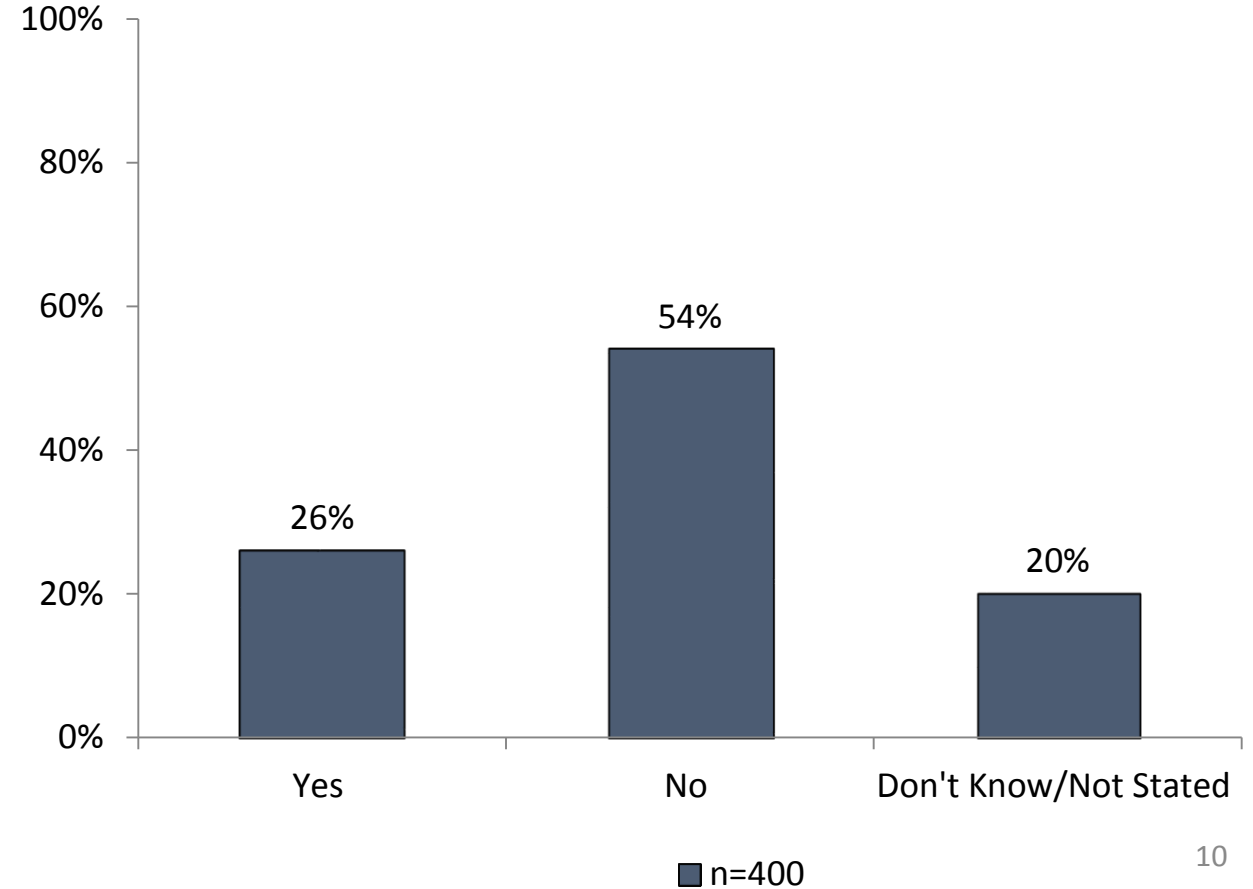
Base: Those who indicated benefits to using pesticides in the City of Leduc

Pesticides: Concerns

Do you have any concerns within your neighbourhood regarding private pesticide application/usage?

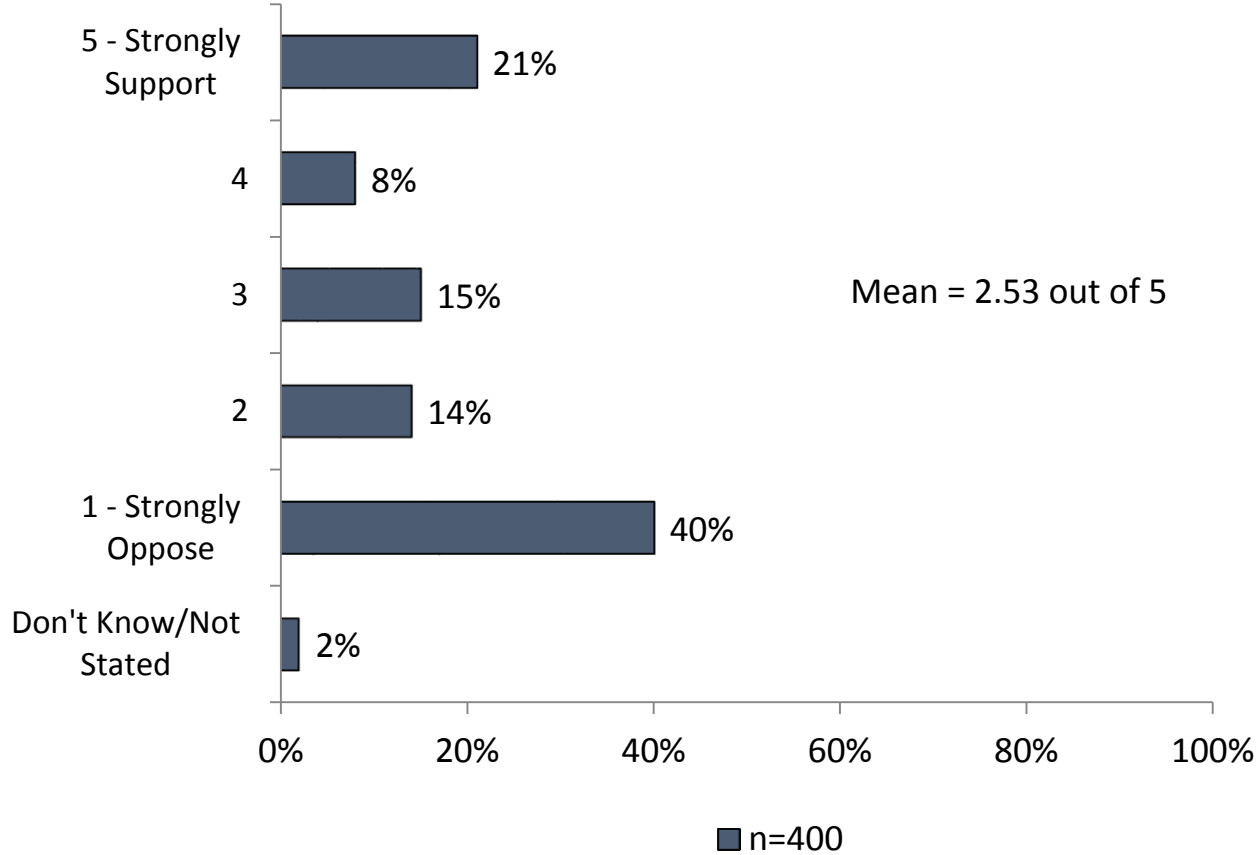


Do you have any concerns regarding the City's current pest control practices on City property?

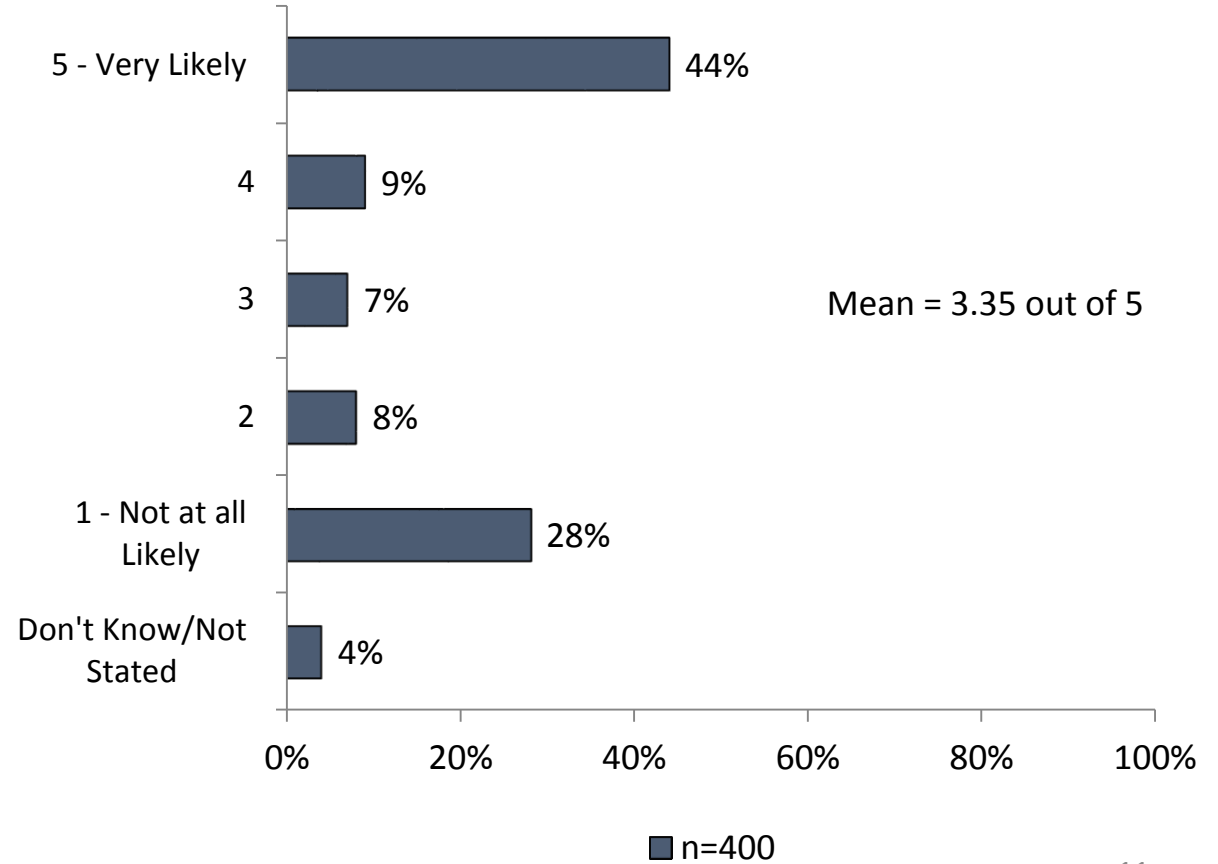


Potential Ban on Cosmetic/Non-Essential Pesticide Use

Level of opposition/support for a potential ban on cosmetic/non-essential pesticide use on residential and commercial property in the City of Leduc

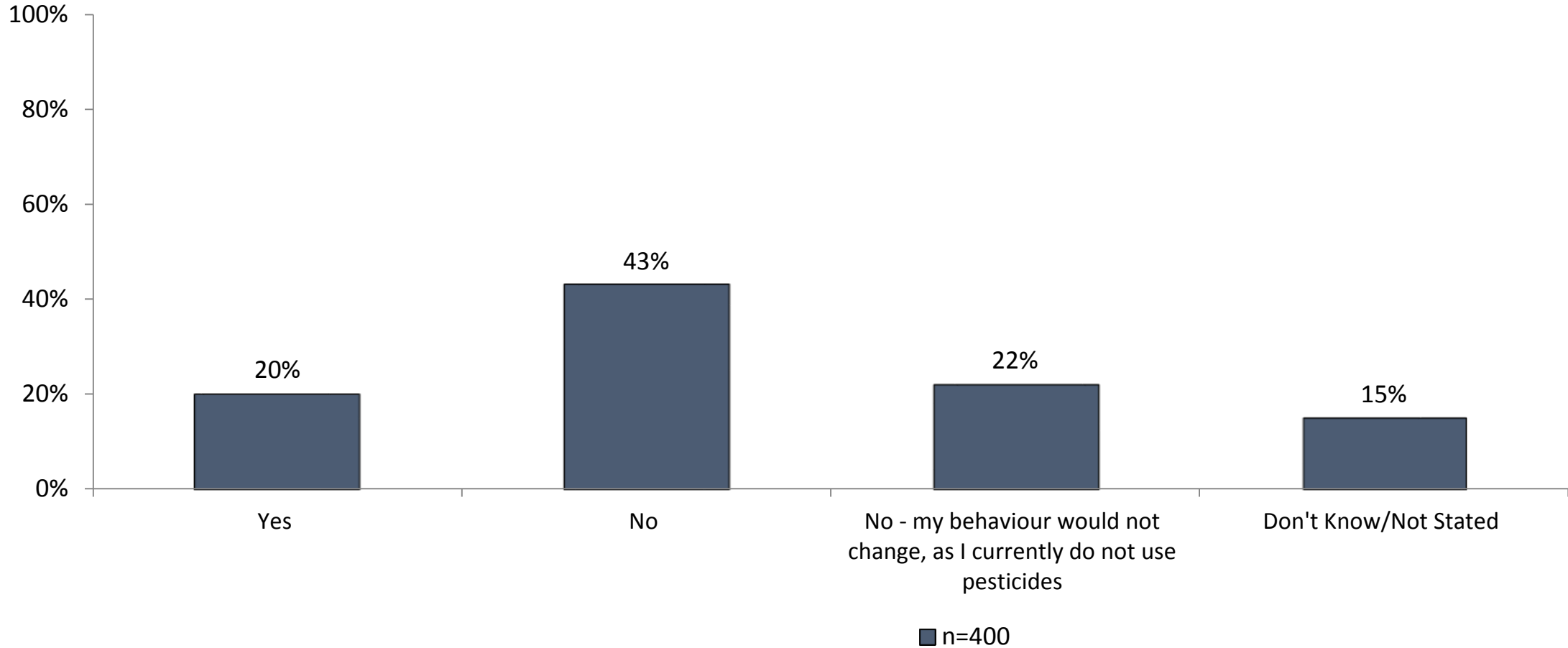


If cosmetic pesticides were banned in the City of Leduc, how likely are you to comply with this ban?



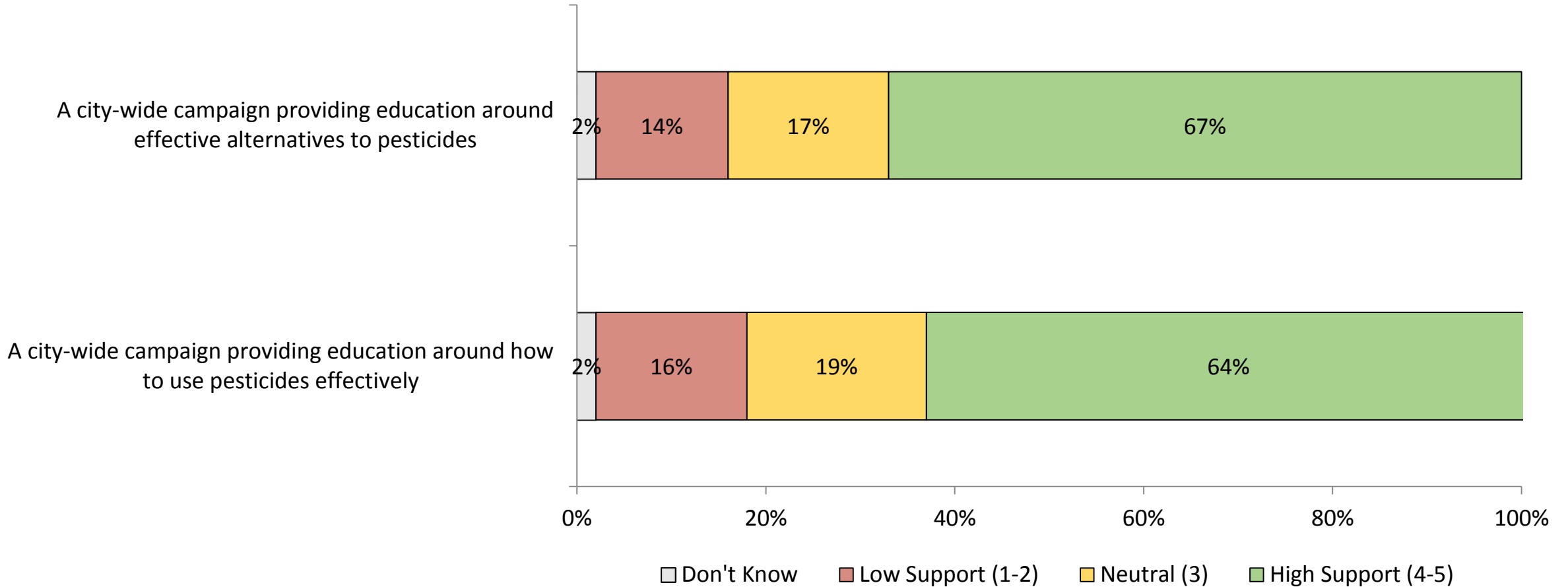
Potential Ban on Cosmetic/Non-Essential Pesticide Use

If cosmetic pesticides were banned in the City of Leduc, would your behaviour change with regards to pest control?



Support for City Campaigns

Please indicate your level of opposition/support with the following:



Final Comments Top Responses

Do you have any final comments regarding pesticide use in the City of Leduc?

Need to increase/improve City weed control/pest management services (12%)

I do not support/am against the banning of cosmetic pesticides (12%)

Ensure that pesticides are not used excessively/only used when needed/in moderation (5%)

Provide more detailed information about pesticide use/more public awareness/education (4%)

“If we had to pivot, the costs for alternative are five times more and less than half as effective. Our sole intention is making a healthy lawn. Healthy lawn reduces weeds. If you have a healthy lawn, you probably don’t need to spray.”

- Pesticide Applicator

“We protect pollinators - we don’t use any neonicotinoids.”

- Pesticide Applicator

“Make sure the decision is based on the science. Edmonton just considered this and defeated this. Manitoba repealed it after it not working for a few years.”

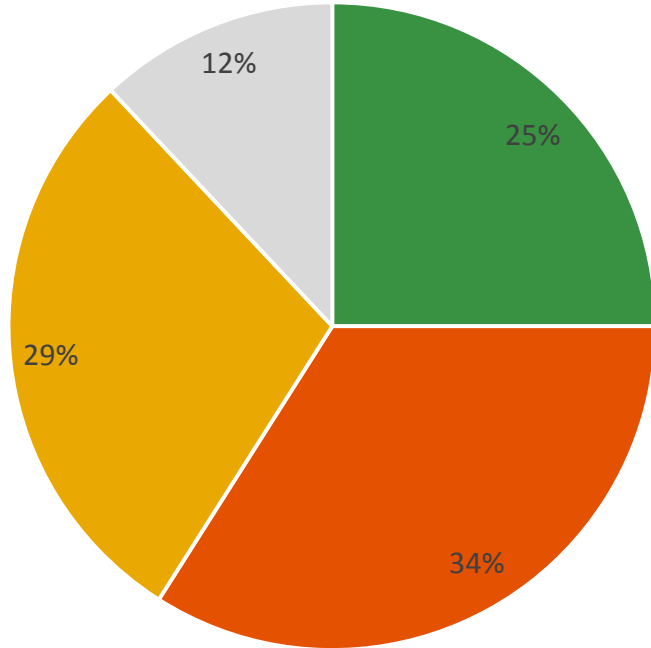
- Environmental Group Participant

“Don’t make a law if you can’t enforce it. If they can go to the store and buy it, how can you monitor and enforce that?”

- Environmental Group Participant

Demographics

Age

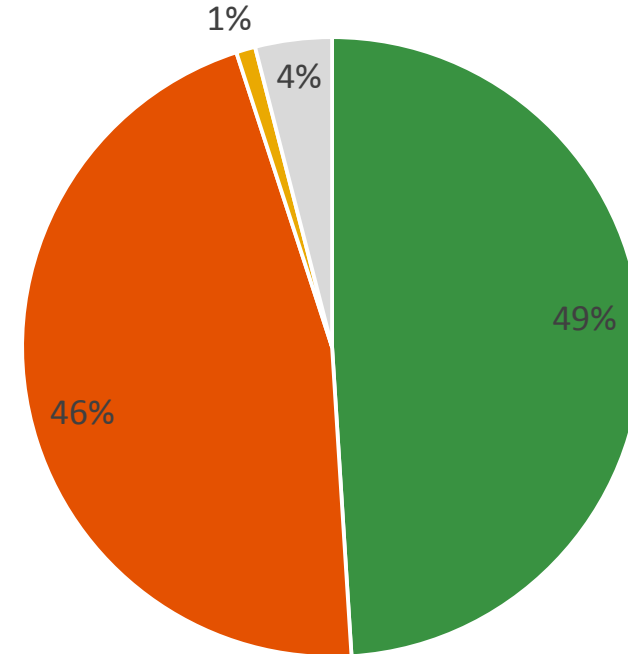


Mean Age: 48.8 years old

■ 18 to 34 ■ 35 to 54 ■ 55 or Older ■ Prefer not to say

n=400

Gender

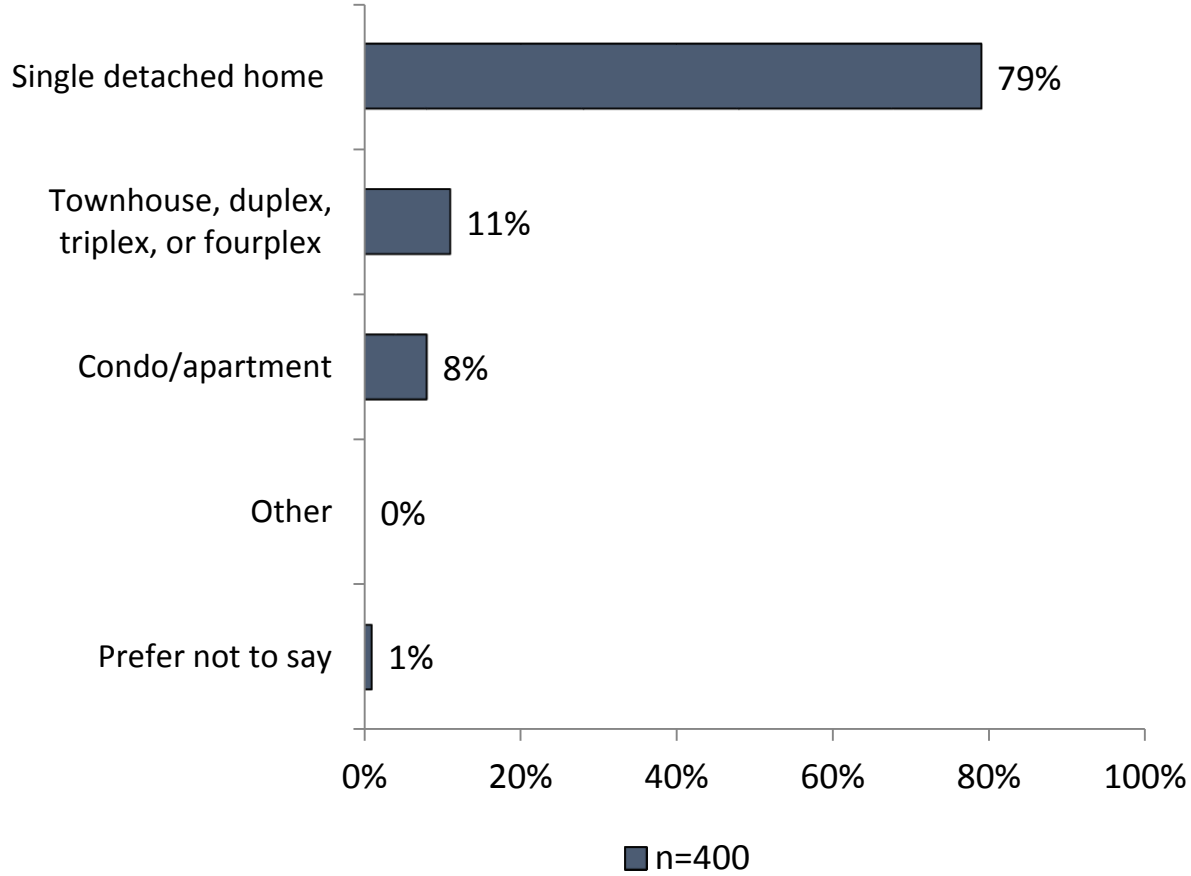


■ Female (Woman/Girl) ■ Male (Man/Boy)
■ Non-Binary ■ Prefer not to say

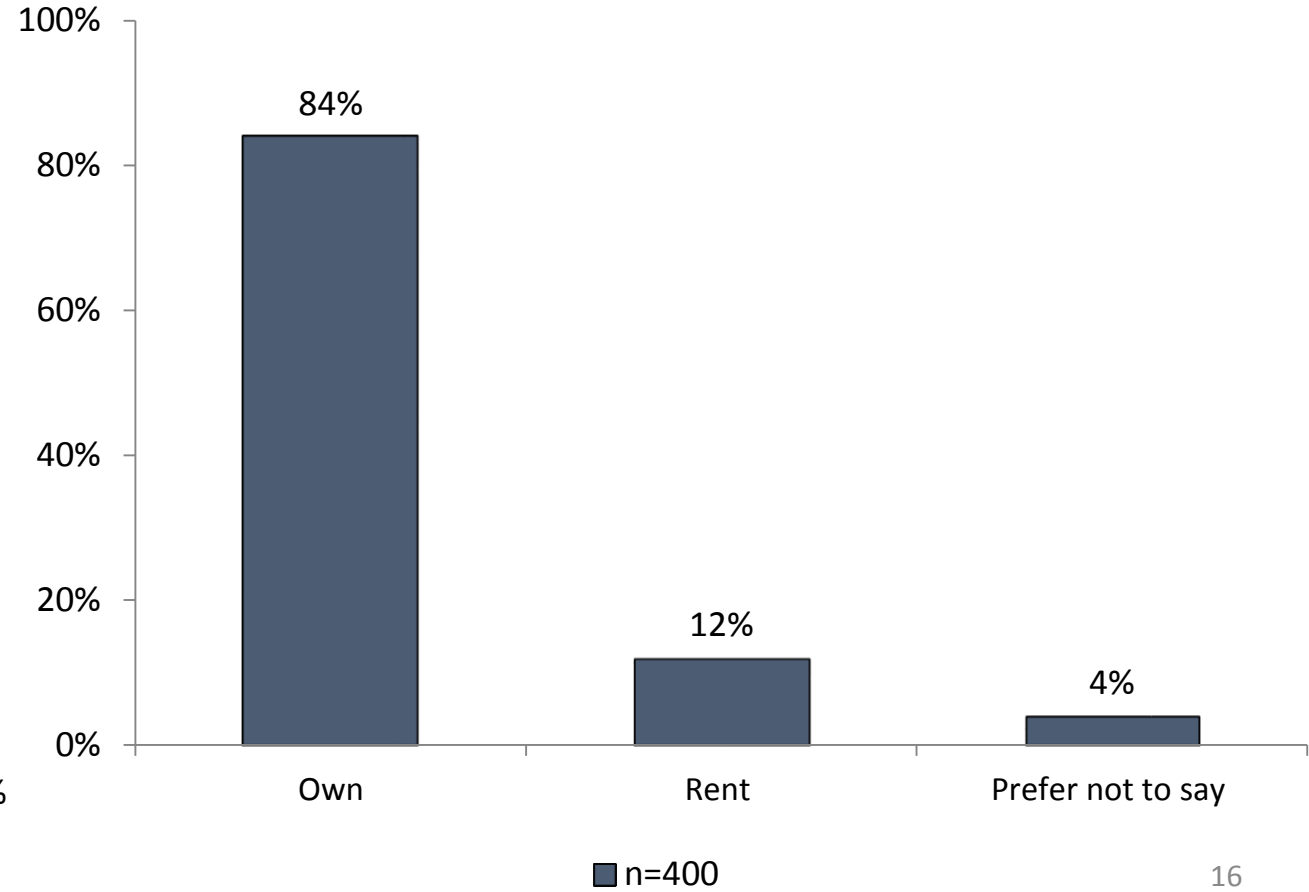
n=400

Demographics

What type of dwelling do you live in?



Do you own or rent your home in the City of Leduc?



Demographics

Neighbourhood	
Windrose	9%
Bridgeport	9%
South Park	8%
Corinthia Park	8%
Meadowview Park	7%
Southfork	6%
Caledonia	6%
Suntree	6%
West Haven Estates	5%
Leduc Estates	5%
Lakeside Estates	5%
Willow Park	5%
Linsford Park	3%
Deer Valley	3%
Central Business District	3%
Robinson	2%
Tribute	2%
South Telford	1%
North Telford	1%
Other	2%
Prefer not to say	4%