

11.30.17



Bellevue Neighborhood Traffic Safety Project

Newport Heights & 119th Avenue Southeast Community Traffic Safety Survey Analysis

Survey Participants

The survey yielded 158 responses from participants who live near, travel by, and/or have children who attend Newport Heights Elementary School (NHES). The majority of survey participants live near NHES (84%) and/or travel near the school (59%). Of all survey participants, 47% have children attending a school in the area and 23% have children attending NHES.

Transportation Modes

Children's transportation modes to and from school differ from the overall transportation modes of the adult survey participants, with students incorporating more active travel (walking, biking, etc.) into their routines compared to adults in the area.

Student Transportation Modes

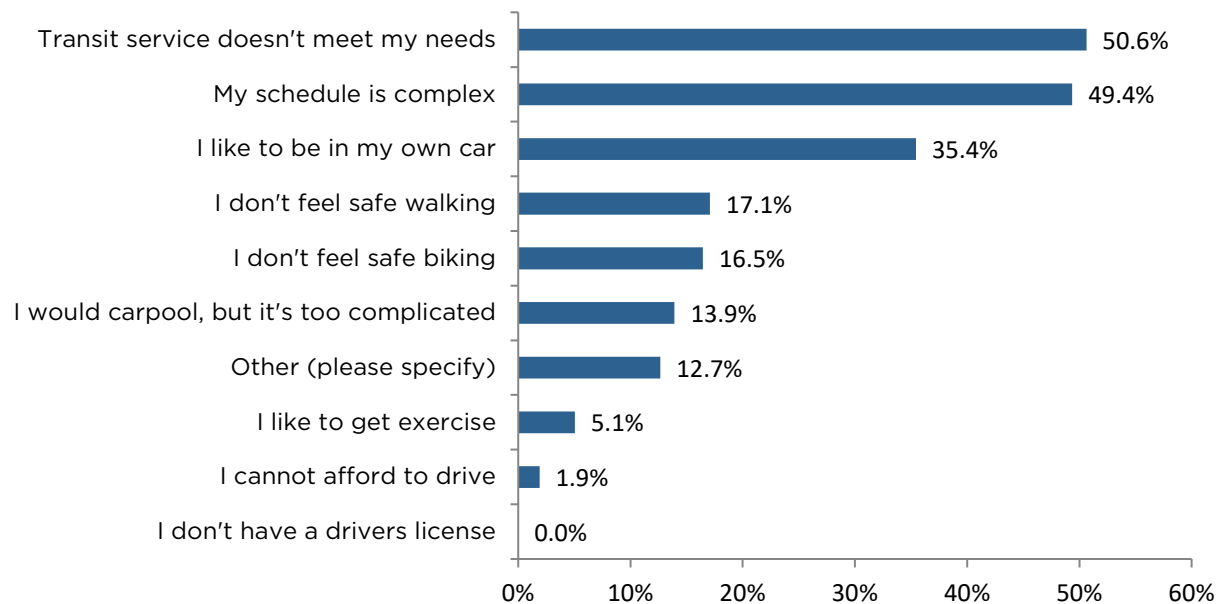
Half (51%) of survey participants who have children in school drive their children to school. Children who do not receive rides from their family instead walk (19%), take the school bus (11%), take public transit (5%), and bicycle (3%). Many children arrive at school via personal vehicle and walk or bus home in the afternoon.

Adult Transportation Modes

In comparison, 91% of adult survey participants rely on their single occupancy vehicle for the majority of their transportation trips, whereas 4% rely on public transit, 3% walk, 1% carpool and 1% bike. Of the adults who drop their children at school using their personal vehicle, 45% proceed to work, 34% return home, and 13% drop off another child at a different school.

The participants' primary reasons for relying heavily on single occupancy vehicles include feeling that transit service does not meet their needs (51%), having complex schedules (50%), liking being in their own car (35%), and not feeling safe walking (17%) or biking (17%). See Figure A for further details.

Figure A Mode Choice Rationale: Why is your response to Question 4 the most common for you? (Select your top three reasons)

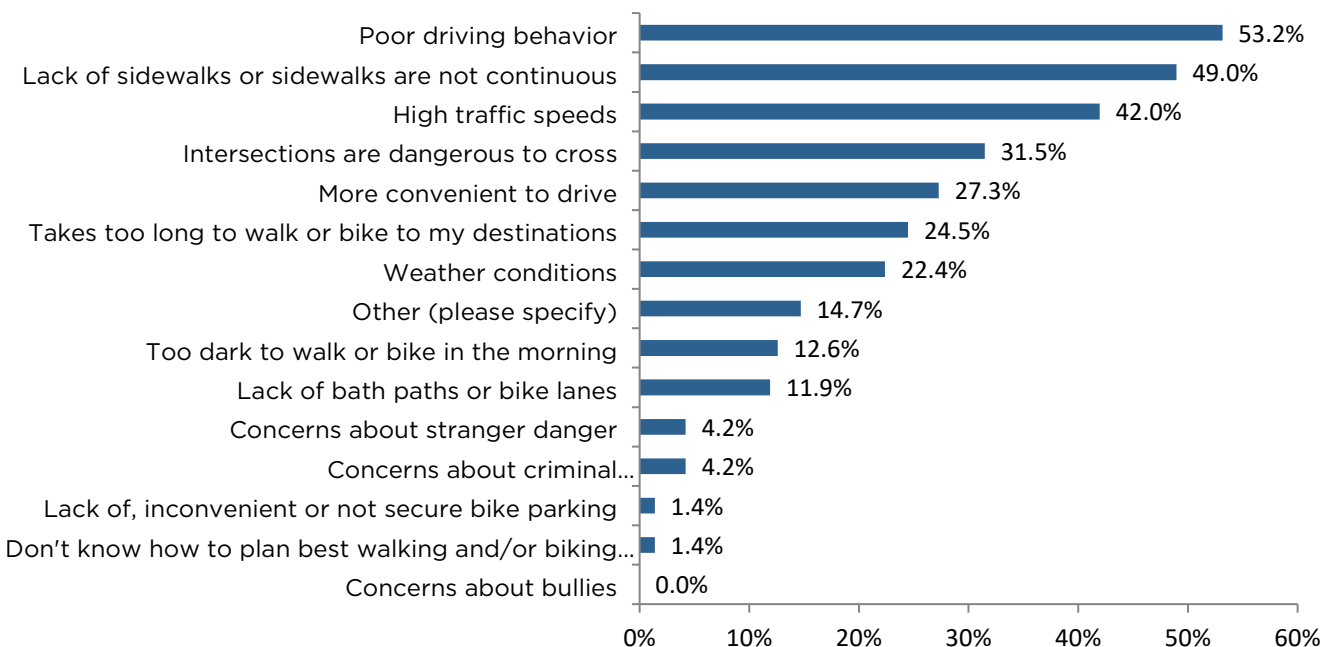


Areas of Concern

The survey asked participants to identify three main challenges to walking or biking in the Newport Heights neighborhood along and around 119th AVE SE. The five most commonly cited concerns include (Figure B):

- Poor driving behavior (53%)
- Lack of sidewalks or that sidewalks are not continuous (49%)
- High traffic speeds (42%)
- Intersections are dangerous to cross (31%)
- More convenient to drive (27%)

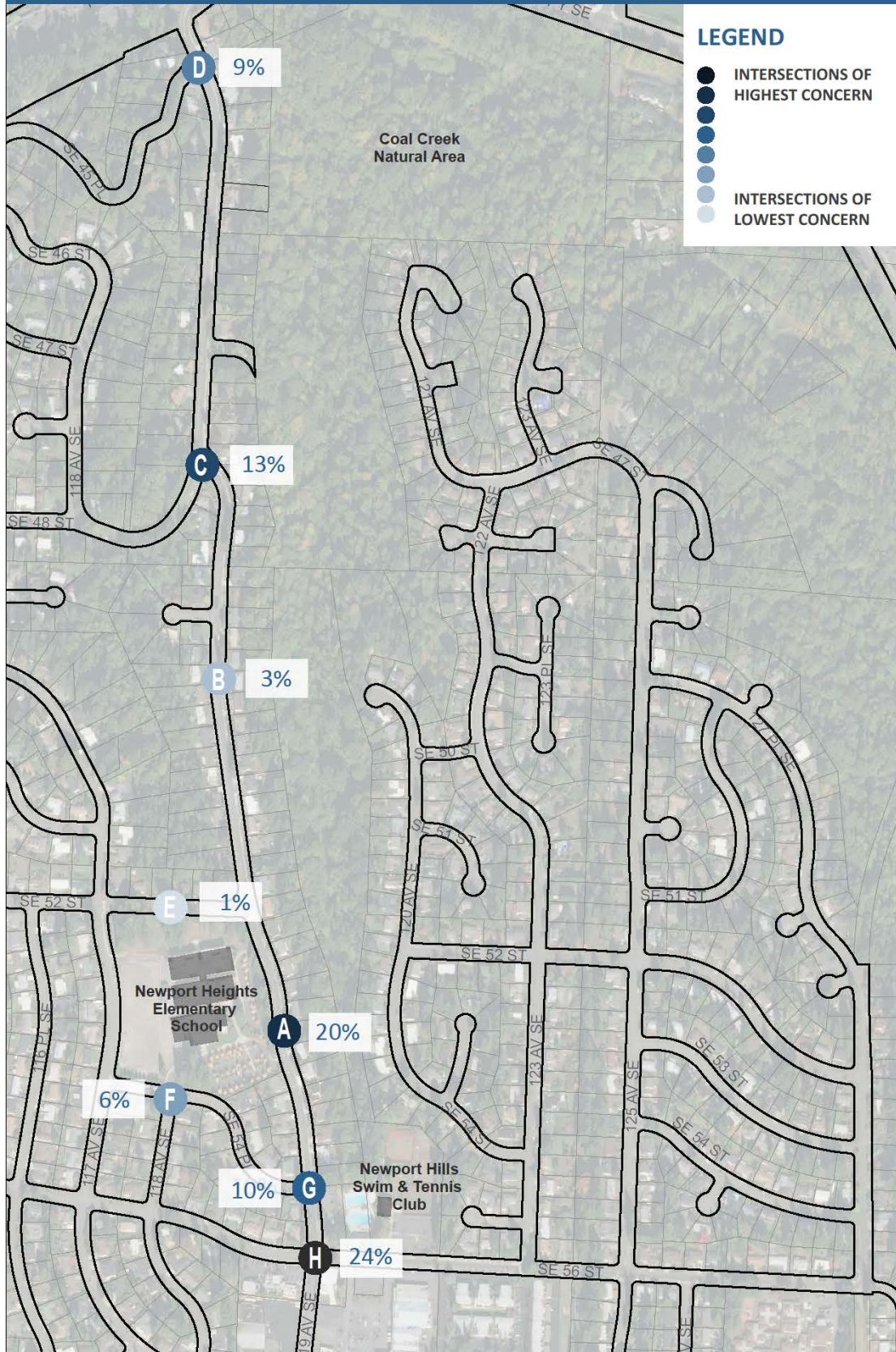
Figure B: What are the main challenges to walking or biking in your neighborhood? (Select your top three concerns)



When asked to identify a location posing the highest safety concern along the 119th AVE SE corridor and areas around the elementary school, 24% cited the Intersection of SE 56th St and 119th Ave SE and 20% noted the area in front of the school on 119th AVE SE. The third most common answer was "Other" at 15% where participants selected multiple of the location options or cited areas outside of the scope, such as 119th AVE SE and SE 60th ST. Refer to Figure C for further prioritization of areas of concern.

FIGURE C: NEIGHBORHOOD TRAFFIC SAFETY CONCERNS

Question: Refer to the map below and select the location that pose the highest safety concern:



Community Suggestions

One-hundred and thirty-nine participants provided comments or suggestions about student transportation and safe walking and biking in their neighborhood. Speed was the most common concern. Twenty-one participants ask for sidewalks along 119th AVE SE at a minimum and/or widening existing sidewalks. Twelve participants suggested installing speed bumps, especially along the 119th AVE SE corridor between 48th and 60th on SE 54th PL. Others recommend more crosswalks, crossing guards at the busiest school intersection of 119th AVE SE and 56th, bike lanes along 119th AVE SE, parking restrictions along one side of the street near NHES, increased speed enforcement using police or cameras, and more street lamps. Figure D is a word cloud of the more frequently used words in the comments.

Figure D Word Cloud: Do you have any other comments or suggestions about student transportation or safe walking and biking in your neighborhood?

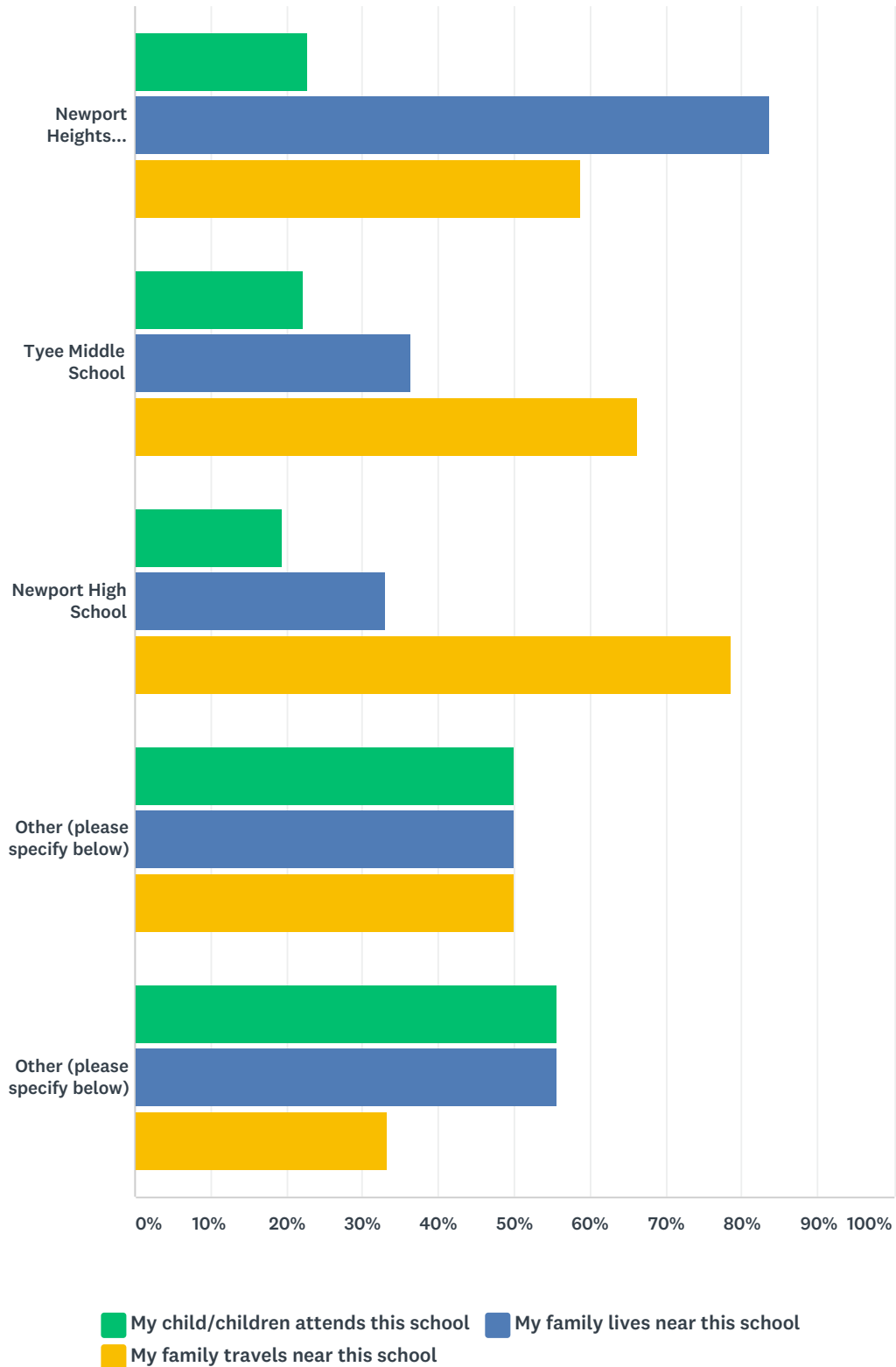


Appendix: Survey Results

Survey results listed by question starting on page 6.

Q1 Which school(s) do you travel to, live nearby, or travel close by? (Select all that apply)

Answered: 158 Skipped: 0

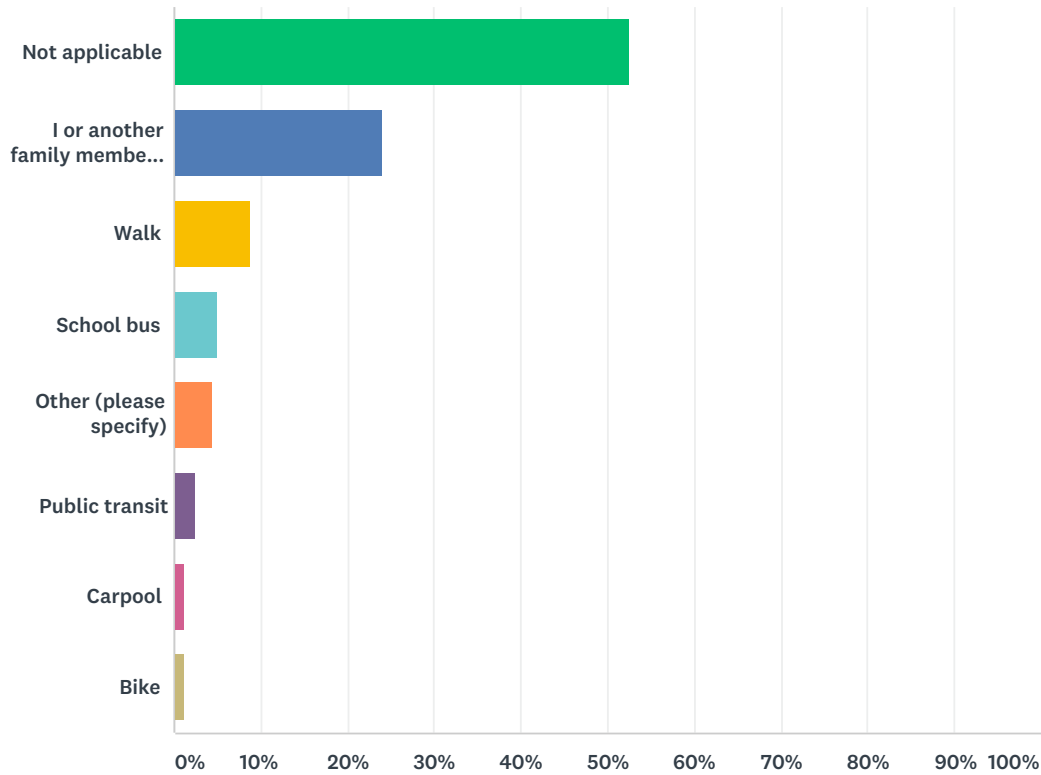


Newport Heights & 119th Ave SE Community Traffic Safety Survey

	MY CHILD/CHILDREN ATTENDS THIS SCHOOL	MY FAMILY LIVES NEAR THIS SCHOOL	MY FAMILY TRAVELS NEAR THIS SCHOOL	TOTAL RESPONDENTS
Newport Heights Elementary	22.88% 35	83.66% 128	58.82% 90	153
Tyee Middle School	22.08% 17	36.36% 28	66.23% 51	77
Newport High School	19.42% 20	33.01% 34	78.64% 81	103
Other (please specify below)	50.00% 13	50.00% 13	50.00% 13	26
Other (please specify below)	55.56% 5	55.56% 5	33.33% 3	9

Q2 If you have a child attending one or more schools listed in Question 1, how does your child most commonly get to and from school?

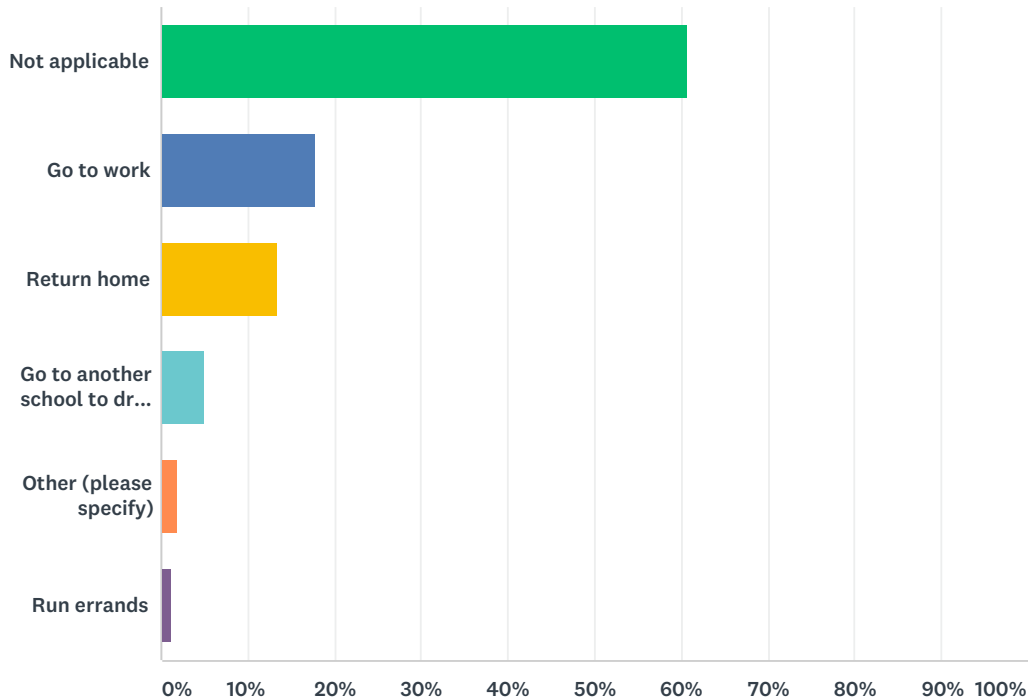
Answered: 158 Skipped: 0



ANSWER CHOICES	RESPONSES	
Not applicable	52.53%	83
I or another family member drives my child to school	24.05%	38
Walk	8.86%	14
School bus	5.06%	8
Other (please specify)	4.43%	7
Public transit	2.53%	4
Carpool	1.27%	2
Bike	1.27%	2
TOTAL		158

Q3 If you or a family member drives your child to school, what do you/family member do after the morning drop-off?

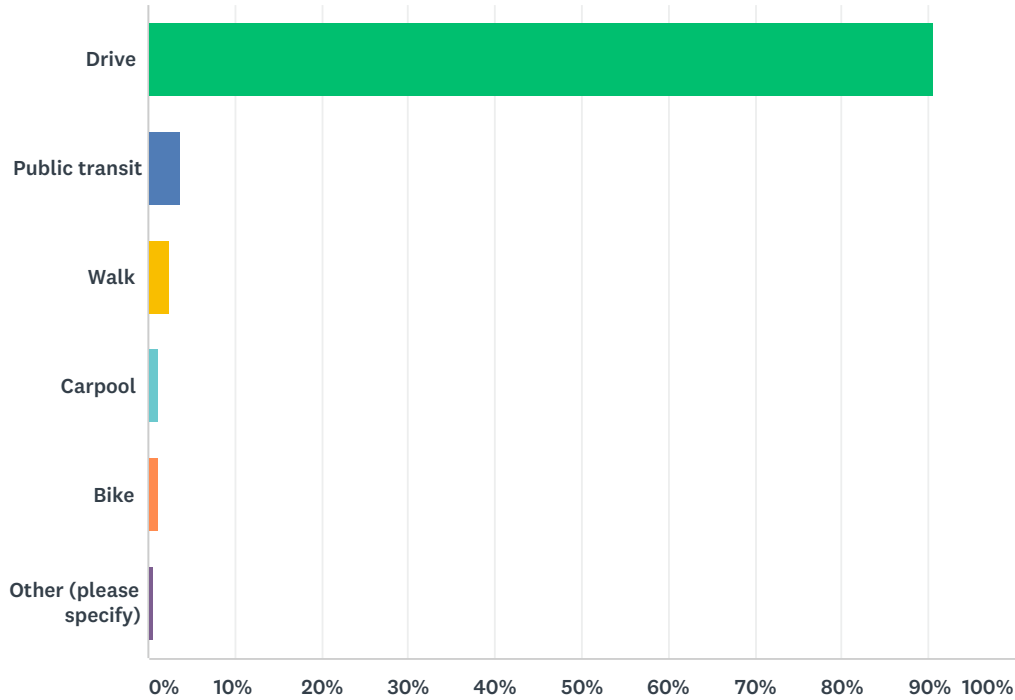
Answered: 158 Skipped: 0



ANSWER CHOICES	RESPONSES	
Not applicable	60.76%	96
Go to work	17.72%	28
Return home	13.29%	21
Go to another school to drop off another child	5.06%	8
Other (please specify)	1.90%	3
Run errands	1.27%	2
TOTAL		158

Q4 For the majority of your other transportation trips, what mode do you most commonly use?

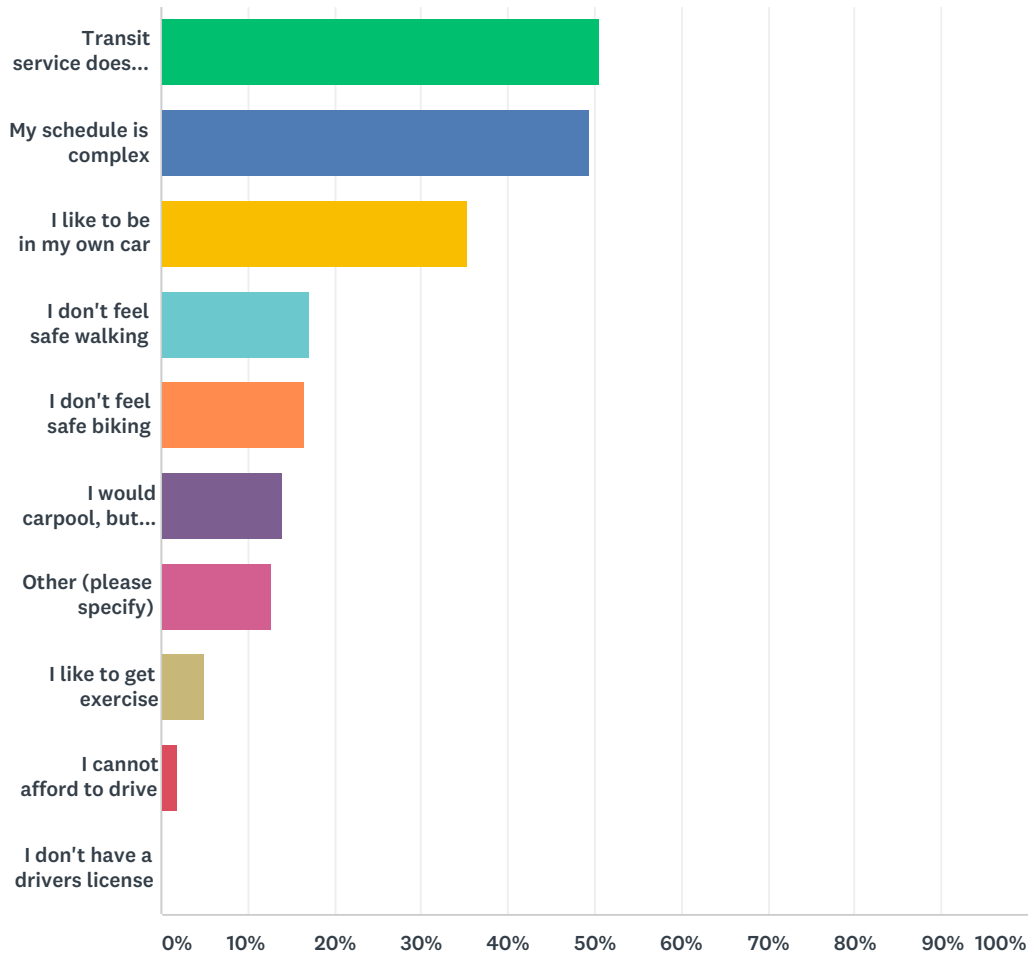
Answered: 158 Skipped: 0



ANSWER CHOICES	RESPONSES	
Drive	90.51%	143
Public transit	3.80%	6
Walk	2.53%	4
Carpool	1.27%	2
Bike	1.27%	2
Other (please specify)	0.63%	1
TOTAL		158

Q5 Why is your response to Question 4 the most common for you? (Select your top three reasons)

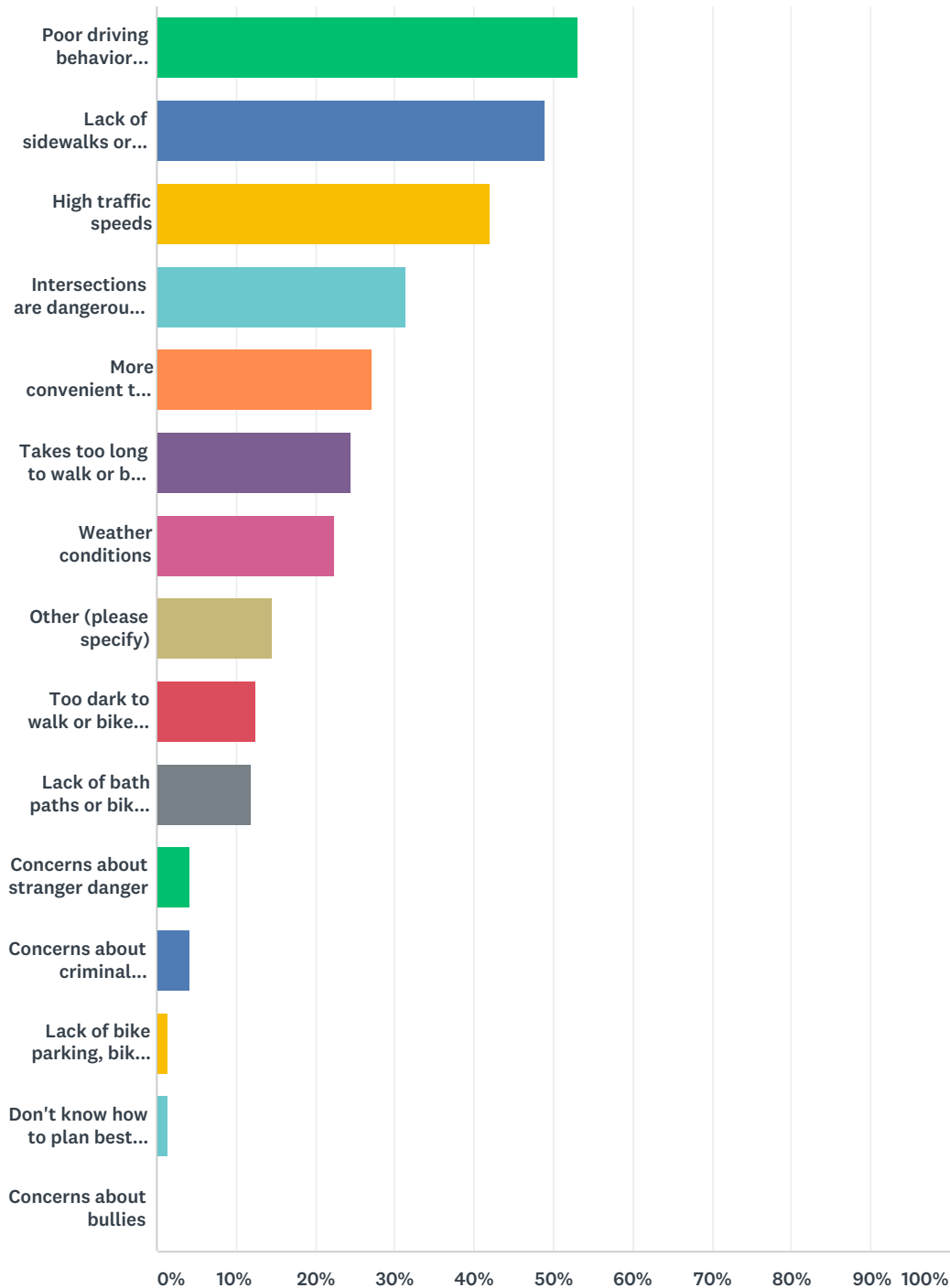
Answered: 158 Skipped: 0



ANSWER CHOICES	RESPONSES	
Transit service doesn't meet my needs	50.63%	80
My schedule is complex	49.37%	78
I like to be in my own car	35.44%	56
I don't feel safe walking	17.09%	27
I don't feel safe biking	16.46%	26
I would carpool, but it's too complicated	13.92%	22
Other (please specify)	12.66%	20
I like to get exercise	5.06%	8
I cannot afford to drive	1.90%	3
I don't have a drivers license	0.00%	0

Q6 What are the main challenges to walking or biking in your neighborhood? (Select your top three concerns)

Answered: 143 Skipped: 15



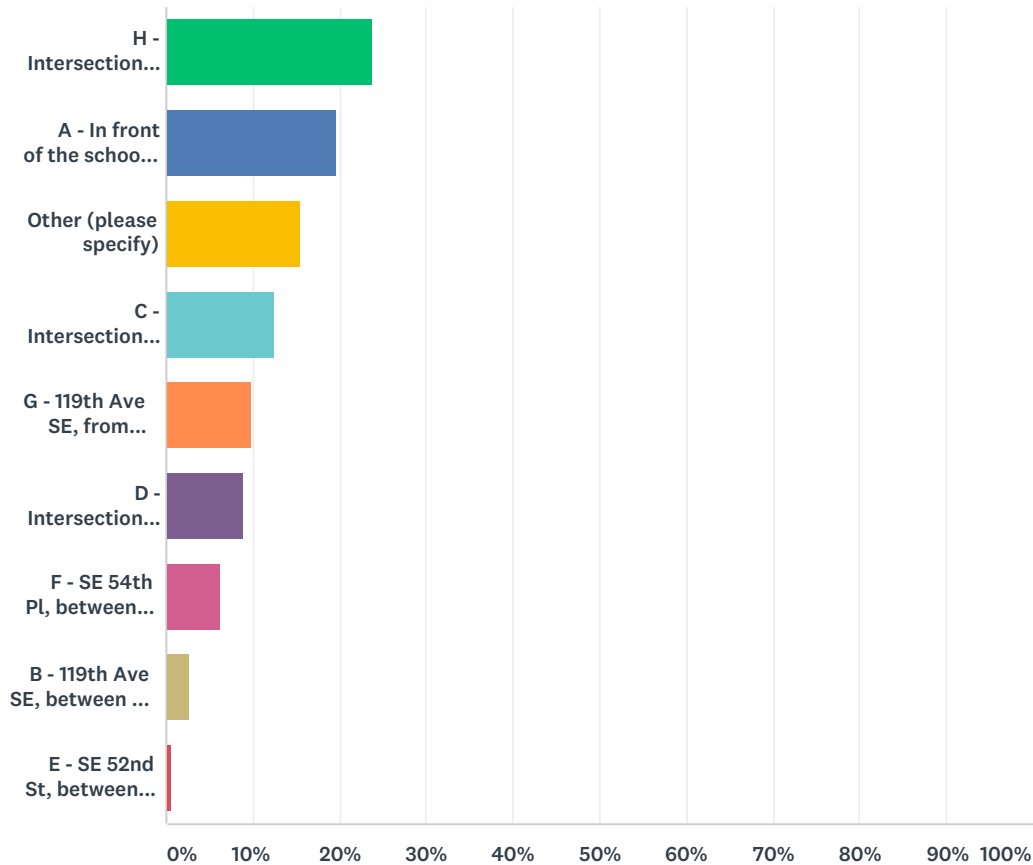
ANSWER CHOICES	RESPONSES	
Poor driving behavior (distracted driving, speeding, not yielding at crosswalks)	53.15%	76
Lack of sidewalks or sidewalks are not continuous	48.95%	70

Newport Heights & 119th Ave SE Community Traffic Safety Survey

High traffic speeds	41.96%	60
Intersections are dangerous to cross	31.47%	45
More convenient to drive	27.27%	39
Takes too long to walk or bike to my destinations	24.48%	35
Weather conditions	22.38%	32
Other (please specify)	14.69%	21
Too dark to walk or bike in the morning	12.59%	18
Lack of bath paths or bike lanes	11.89%	17
Concerns about stranger danger	4.20%	6
Concerns about criminal activity/gangs/violence/dogs	4.20%	6
Lack of bike parking, bike parking is not secure, or bike parking is not in a convenient location	1.40%	2
Don't know how to plan best walking and/or biking routes	1.40%	2
Concerns about bullies	0.00%	0
Total Respondents: 143		

Q7 From the locations in the map below select the location that you think poses the highest safety concern.

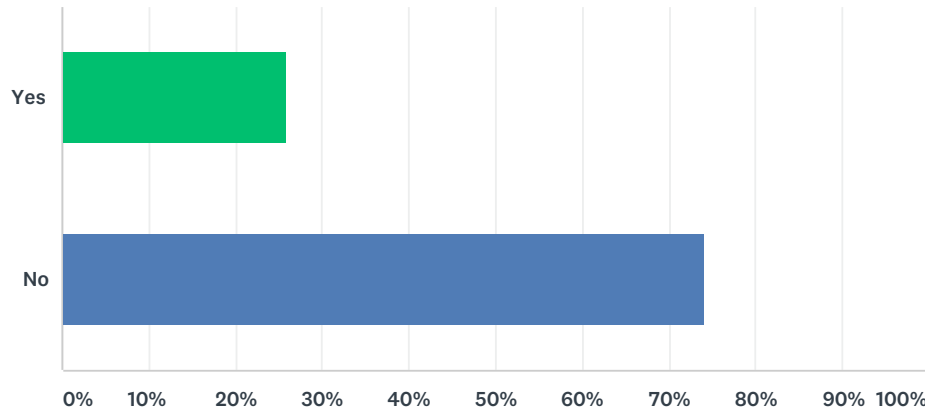
Answered: 143 Skipped: 15



ANSWER CHOICES	RESPONSES	
H - Intersection of SE 56th St and 119th Ave SE	23.78%	34
A - In front of the school on 119th Ave SE	19.58%	28
Other (please specify)	15.38%	22
C - Intersection of 119th Ave SE and SE 48th St	12.59%	18
G - 119th Ave SE, from southern end of school property to SE 56th St	9.79%	14
D - Intersection of 119th Ave SE and Lake Heights St	9.09%	13
F - SE 54th Pl, between 117th Ave SE and 119th Ave SE	6.29%	9
B - 119th Ave SE, between SE 52nd St and SE 48th St	2.80%	4
E - SE 52nd St, between 117th Ave SE and 119th Ave SE	0.70%	1
TOTAL		143

Q9 Are you familiar with Bellevue's Neighborhood Traffic Calming program?

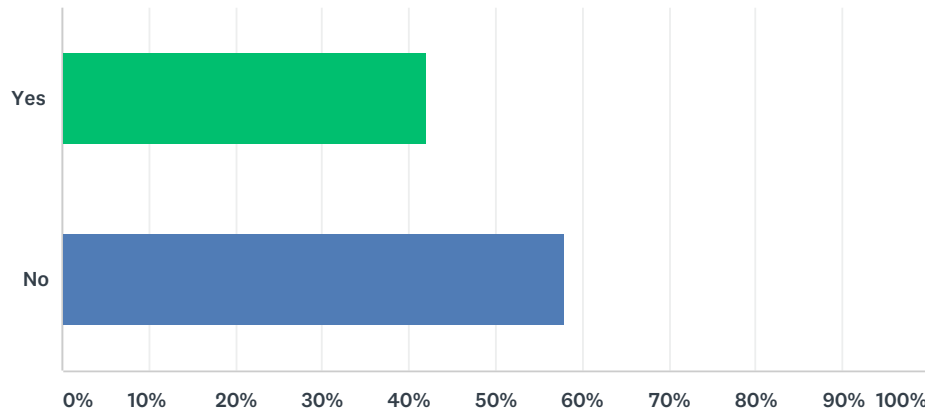
Answered: 143 Skipped: 15



ANSWER CHOICES	RESPONSES	
Yes	25.87%	37
No	74.13%	106
TOTAL		143

Q10 Are you interested in learning more about Newport Heights and 119th Ave SE Traffic Improvements & Strategic Outreach project and potentially volunteering to help with events or activities?

Answered: 143 Skipped: 15



ANSWER CHOICES	RESPONSES	
Yes	41.96%	60
No	58.04%	83
TOTAL		143