

Johnsonville intersection survey

November 2021

Background

- We are wanting to make it safer for all road users (including pedestrians, cyclists and vehicles) to use the intersection at Johnsonville and Moorefield Roads in Johnsonville.
- The current roundabout layout at this intersection has a high crash rate, predominantly due to a failure by drivers to give way.
- As part of this upgrade work we sought feedback from the community through an online survey to find out on how safe and accessible they believed the intersection was currently.

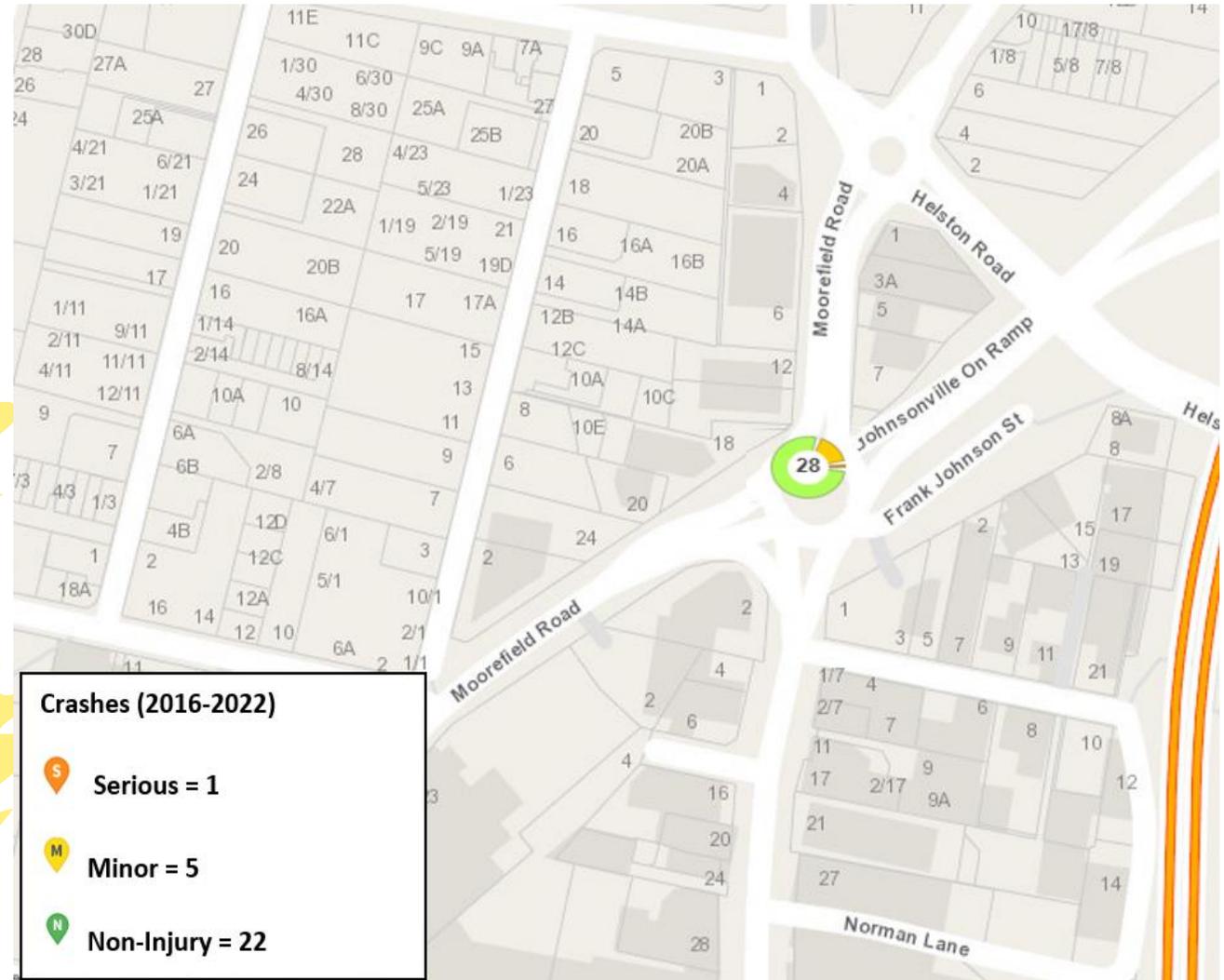
Methodology

- Links to complete the online survey were published through various Council channels over a period of a couple months (October-November). People were also able to do a paper version of the survey, these were distributed to community centres in the area.
- In total 917 responses were received for the survey.

Crash Data

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- The current roundabout layout at this intersection has a high crash rate, predominantly due to a failure by drivers to give way.
- From 2016 to 2022 there have been 28 crashes at the intersection



Use of the intersection

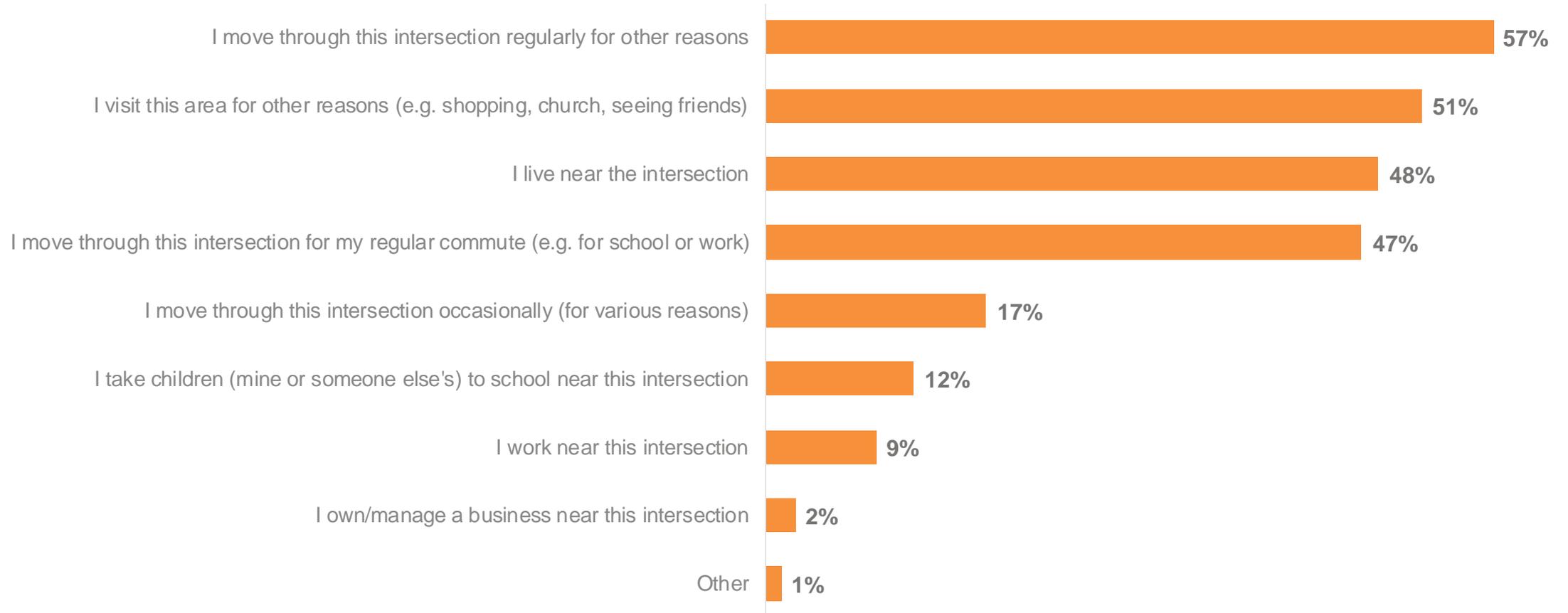
Use of the intersection

- About half of respondents said they moved through or visit the intersection regularly either as part of a commute, for shopping or for various other reasons – or said they live near the intersection.
- 34% of respondents used the intersection in a car on a daily basis, a further 48% went through in a car a few times a week and 16% occasionally.
- Other transport modes were less common relative to cars – pedestrian (64% at least occasionally), bus (43% at least occasionally), bike (15% at least occasionally). The vast majority of respondents did not use the remaining transport modes at all.
- The intersection did not perform particularly well on any of the attributes in the view of our respondents.
 - Only about a quarter agreed it managed traffic flow effectively and was safe to travel through
 - While less than 10% agreed it was cycle or pedestrian friendly

Connection to the intersection



Which of the following describes your connection to the Johnsonville and Moorefield Roads intersection? Please select all that apply

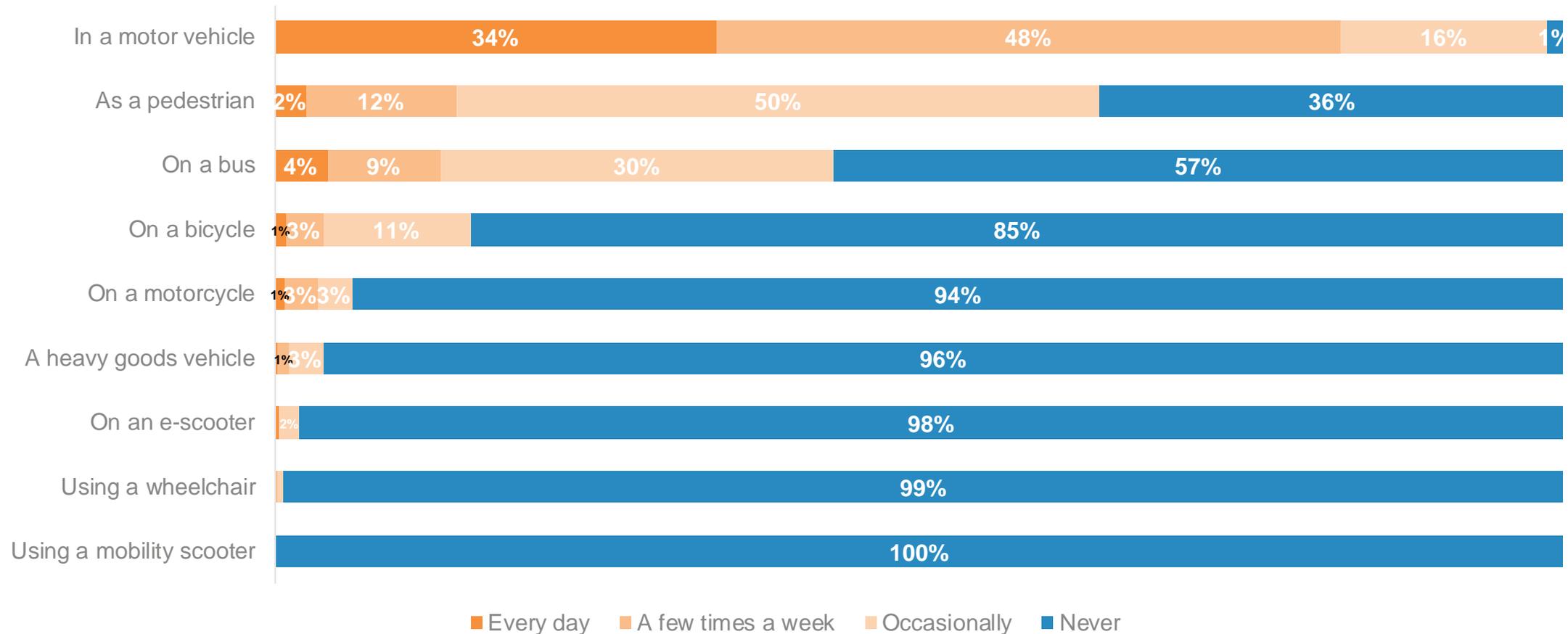


Base: all respondents (n=917); multiple response question, percentages add to more than 100%

Transport modes used



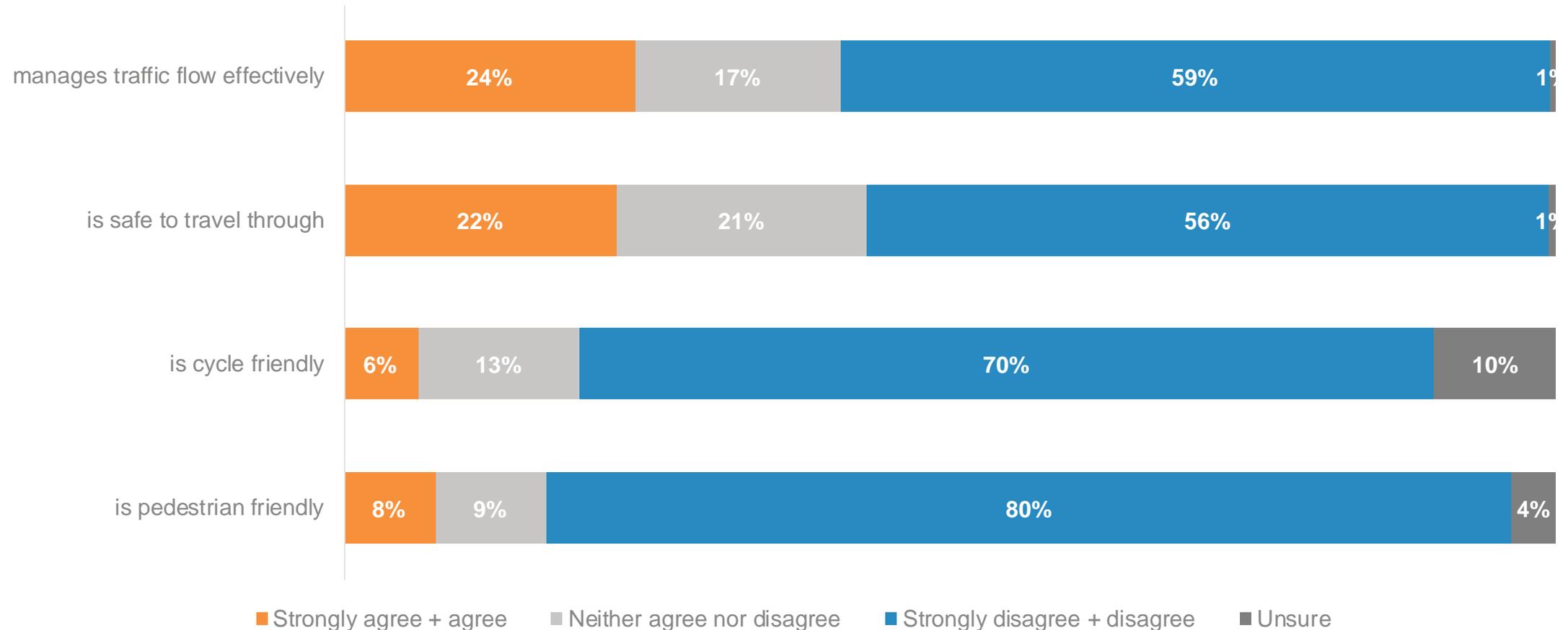
How often do you use the following modes of transport to get through the Johnsonville and Moorefield Roads intersection



Intersection attributes



How much do you agree or disagree with the following statements about the Johnsonville and Moorefield Roads intersection? - This intersection...



Safety of the intersection

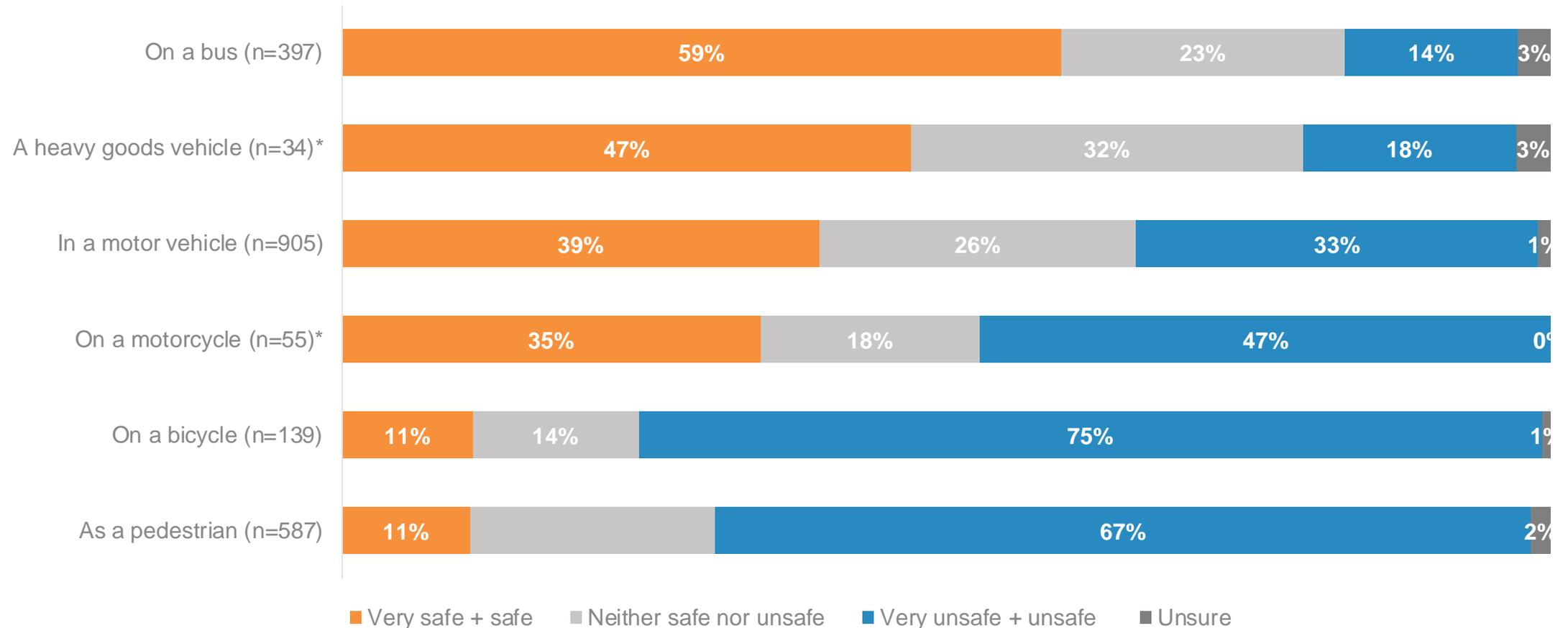
Safety of the intersection

- The majority of bus users felt safe at this intersection (59%), while about half of car users felt safe (47%).
- Just over a third felt safe at this intersection in either a car (39%) or motorcycle (35%).
- Perceived safety was much lower for those who cycle through the intersection, or use it as a pedestrian (11%).
- Give way and indicating issues were the most significant reason from respondents feeling unsafe at the intersection, 84% said these issues made them feel unsafe at the intersection.
- Difficulty of getting through the intersection as a pedestrian was also a significant reason for feeling unsafe (70%), while over half (55%) noted vehicle speeds as an issue.
- About two thirds said previous unsafe experiences at the intersection had changed how they use it. The main impact was a heightened level of caution and alertness or using a different route (where possible) – 33% for each.

Safety of transport modes used



How safe or unsafe do you feel when travelling through the Johnsonville and Moorefield Roads intersection using the following modes of transport?

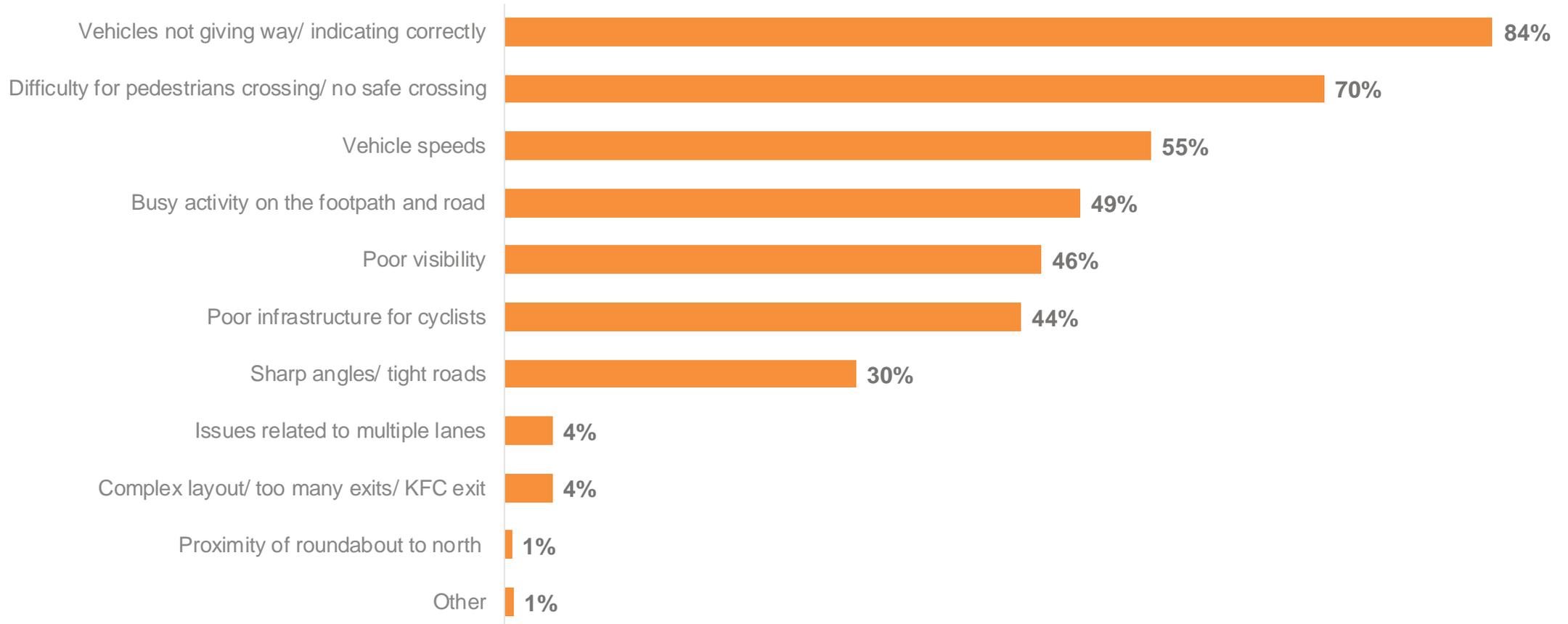


Base: respondent who used each transport mode (bases vary); *small sample size treat with caution. insufficient responses to report data for e-scooter, wheelchair and mobility scooter.

Reasons for feeling unsafe



You said you feel unsafe when travelling through the Johnsonville and Moorefield Roads intersection using one or more of the previously shown modes of transport. Which, if any, of the following is a reason for why you feel unsafe?



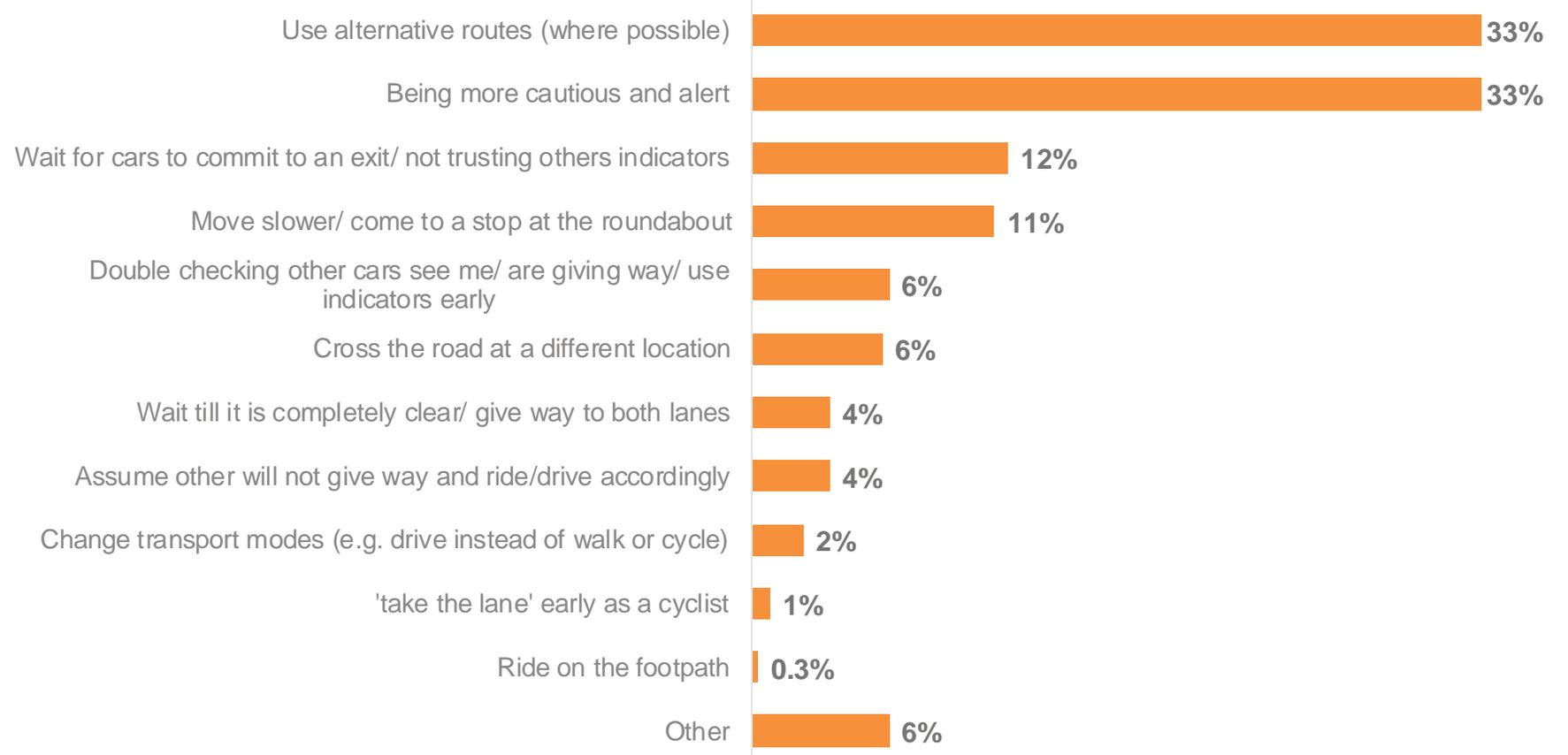
Base: Respondents who said they felt unsafe in one or more of the transport modes at the intersection (n=578); multiple response question, percentages add to more than 100%

Experiences change how intersection is used



Have any of these experiences changed the way you use this intersection?

61% said unsafe experiences had changed how they used the intersection



Demographics

Demographics

